Distribution Category

UC-33

UC-46

UC-71

UC-79p

UC-80

LAWRENCE LIVERMORE LABORATORY

University of California/Livermore, California/94550

UCRL-52769

NUCLEAR CRITICALITY EXPERIMENTS FROM 1943 TO 1978, AN ANNOTATED BIBLIOGRAPHY: VOLUME 2, LOOKUP TABLES

Brian L. Koponen

Thomas P. Wilcox

Viktor E. Hampel

MS. date: April 24, 1979

NOTICE

This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Department of Energy, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights.

~~DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED~~

[Handwritten signature]

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency Thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

PREFACE

Nuclear energy is an important and increasing source of world energy supplies. From a review of the reports* of criticality experiments in support of nuclear energy published each year over the past three-and-a-half decades, we note a peaking of activities in the 1960's then a substantial decline (Fig. 1). This can be interpreted as a maturing of nuclear engineering methods.

Criticality experiments were first used to validate nuclear reaction rates, to establish criticality parameters, and to normalize computer calculations. The 1960's saw a rapid growth in understanding of the fission process, related neutron-transport phenomena, and the availability of experimental microscopic nuclear data. This led to construction of some nuclear reactors from calculated design predictions alone, without prior mockups or near-critical prototypes. Today, the state of the art of neutronic calculations by computer is sufficiently advanced to permit the design, construction, and use of some nuclear facilities without direct dependence on critical experiments. Current criticality experiments are being performed in a continuing worldwide effort to further improve calculational techniques for the accurate prediction of new and more complex situations.

Our collecting and indexing the large number of reports of valuable criticality experiments into one bibliography builds on the work begun in partial collections by A. D. Callihan, J. H. Chalmers, H. C. Paxton, and many others. Its publication was intended at an earlier date, but more immediate programmatic requirements precluded the comprehensive compilation, proofing, and release. We hope that this guide to the topical literature will contribute to the continued safe use of fissile materials.

*We use "reports" in a broad sense to include such other documents as journal articles and proceedings papers.

FIG. 1. Published nuclear criticality reports peaked in the 1960's. The next decade saw a substantial decline. (At printing time, we had not indexed all 1978 reports.)

CONTENTS

Abstract	vii
Introduction	vii
Contents of the Bibliography	viii
How to Use the Bibliography	xi
How We Created the Bibliography by Computer	xiv
Acknowledgments	xv
References	xv
Main Listing*	1
Lookup Tables†	359
Report Number	359
Publication Date	411
Experimental Facility	462
Author Name	541
Subject Index**	771
Keyphrase Concordance on Titles	771
Keyterm Concordance on Titles and Abstracts	953

*Volume 1.
 †Volume 2.
 **Volume 3.

NUCLEAR CRITICALITY EXPERIMENTS FROM 1943 TO 1978, AN ANNOTATED BIBLIOGRAPHY: VOLUME 3, SUBJECT INDEX

ABSTRACT

This bibliography contains 1067 citations from the literature of critical and near-critical nuclear experiments. It provides an up-to-date index to reports containing useful data for many types of criticality studies. Most of the reports can provide specifications for relatively simple critical configurations necessary for validating nuclear constants and calculational techniques. The reports of more than 1143 experimentors at 38 international facilities since 1943 are cross-referenced. This collection contains the prototypes of many different designs of nuclear reactors and studies performed to insure the safe use of fissile materials in chemical processing plants, storage facilities, and transportation containers.

The bibliography has three volumes. Volume 1 contains the main listing of citations with abstracts. Volume 2 is a set of indexes organized by report number, publication date, experimental facility, and author name. Volume 3 provides a subject index, concorded on the significant keyphrases derived from titles, and an index of keyterms extracted from titles and abstracts. The bibliography was printed by computer as a selection from a computerized system at Lawrence Livermore Laboratory containing information and data on criticality experiments.

INTRODUCTION

This bibliography points to the literature of criticality experiments crucial to nuclear power development. Throughout the world, in the past 35 years, considerable effort went into these experiments, usually for a particular objective. This objective may have been the design of a nuclear power station; or the safe transfer and storage of fuel in chemical processing, diffusion, or isotope-separation plants; or the transport of fissile material in safe containers.

Although Lawrence Livermore Laboratory (LLL) no longer has an experimental criticality measurement program, we have a continuing interest in the properties of fissile materials and systems. Criticality data are needed to routinely specify safe operating conditions with these materials. They are also needed to validate computational constants and techniques. Some LLL progress in producing a benchmark library of well defined critical experiments has been discussed at meetings of the American Nuclear Society.¹⁻⁵ These data are in a system of descriptive data bases. The bibliographic portion dealing with this particular subset of experiments was used to create this printed index. It complements a larger integrated system for the production of neutronics and photonics calculational constants.⁶

CONTENTS OF THE BIBLIOGRAPHY

References to reports that discuss critical or near-critical nuclear configurations form the base for this bibliography. From the large numbers of such reports we have omitted those dealing with only theoretical studies, calculational techniques, neutron cross-section data, experimental techniques, control rod or reactivity worth measurements, and other general reactor physics measurements. Text books have also been excluded. This leaves only reports containing experimental results or information that would assist a reader in understanding and using such results.

Most of the reports can provide specifications for relatively simple critical configurations. These can be readily calculated using standard computer methods and available cross-section data. Simple spherical, cylindrical, and slab geometries are available as well as more complex geometries and arrays and lattices of simple units (Fig. 2). We have included a number of references to calculational models that describe specific experimental configurations. Those attempting to use the bibliography as a basis for reference (benchmark) problems would be well advised to also obtain and study these calculational references to avoid pitfalls that others have already found.

The criticality state of these assemblies has usually been measured by conventional exponential, pulsed-neutron, and critical or subcritical techniques. Descriptions of these techniques can be found in the literature, using references given in the cited documents or in available texts.⁷ The median neutron energy for the measured systems varies from fast to thermal.

Table 1 includes the locations at which the cited experiments were done and the number of reports associated with the work at each location. The bibliography attempts to include references to all critical work. For this reason, abstracts and summaries of oral presentations at meetings have been included though the amount of data is usually insufficient to completely define a critical system. They do, however, point toward authors and work that could otherwise go unnoticed.

The authors welcome corrections, comments, or additions to this bibliography. These should be addressed to the authors at:

University of California
Lawrence Livermore Laboratory
P.O. Box 808, Mail Stop L-40
Livermore, California 94550
Telephone: (415) 422-7411
FTS: 532-7411

(a)

(b)

(c)

(d)

FIG. 2. Typical nuclear criticality experiments: (a) spherical metal assembly, (b) moderated array of metal cylinders, (c) mockup of a fast nuclear power reactor, and (d) array of fissile-solution cylinders.

TABLE 1. Sources of reports in this bibliography.

Reports	Source
<u>General sources</u>	
5	Bibliographies
27	General compilations of calculations
21	General descriptions of laboratories or compilations of experiments
<u>Experimental facilities</u>	
197	Oak Ridge
185	Hanford
140	Los Alamos
139	Argonne National Laboratory
61	Rocky Flats
57	United Kingdom
50	Livermore
38	France
34	Brookhaven National Laboratory
30	General Electric Company
26	Westinghouse
25	Atomics International
23	Savannah River
20	Germany
19	Babcock and Wilcox Company
16	USSR
11	Canada
11	General Atomics
7	Japan
6	Sweden
5	Alco Products
5	NASA, Lewis Research Center
4	Australia
4	Battelle Memorial Institute
4	Italy
4	Poland
3	Massachusetts Institute of Technology
3	University of Chicago
2	Aerojet General
2	Martin Corporation
2	Netherlands
1	Allis-Chalmers
1	AMF
1	Combustion Engineering
1	Cornell University
1	North American Aviation
1	Phillips Petroleum Company
1	Sandia
1	South Africa
1	Yugoslavia
1195	Total ^a

^aExceeds number of citations in this bibliography because some reports deal with experiments done at more than one facility.

HOW TO USE THE BIBLIOGRAPHY

We arranged this bibliography in three volumes to allow convenient and independent use:

Volume 1

Main listing of all citations, with abstracts, in ascending order of citation number.

Volume 2

Four alphabetic indexes, permitting visual lookup of pertinent citation numbers according to

Report number.
Publication date.
Experimental facility.
Author name.

Volume 3

A subject index in two concordances according to

Keyphrases from titles.
Keyterms from titles and abstracts.

The link among all alphabetic indexes and concordances is a unique, four-digit integer number assigned to each bibliographic citation. A perusal of the specific indexes in Volumes 2 and 3 permits lookup of this citation number and subsequent reading of the full bibliographic citation, including its abstract, in Volume 1, to establish relevancy.

The following specific guidelines are for each of the indexes and concordances.

The **report number index** is organized alphabetically by report number. A uniform format has been established for this field to permit a comprehensive, exact listing.

To permit the concise listing of citations according to their source of publication, e.g., certain proceedings, conferences, and journals, we used an abbreviated code to describe the report number. The citations in the indexes carry the terse notation; the corresponding full bibliographic citations in Volume 1 contain the expanded form. This is illustrated below:

Coded report number		Citation (ID) number
GENEVA-2, 12, 666-684	NATURAL URANIUM-GRAPHITE LATTICES	BACHER, P. / KOECHLIN, J. C. / DE MAZANCOURT, R. / TESTE DU BAILLER, A. / ZALESKI, C. P. 58-09-00 1950
GENEVA-2, 12, 747-762	RESEARCH EXPERIENCE WITH PLASTIC MODERATED CRITICAL ASSEMBLIES	JANKOWSKI, F. J. 58-09-00 739
GENEVA-3, 03, 241-247	INVESTIGATION ON SYSTEM WITH ZIRCONIUM HYDRIDE MODERATOR	PONOMAREV-STEPNOI, N. N. / SMIRNOV, O. N. / KULEVA, R. V. 64-09-00 693
GENEVA-3, 06, 124-136	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H. 64-09-00 1003

The **publication date index** has been standardized in a similar manner. The date is established in a consistent format by year, month, and day as (YY-MM-DD).

Date				Citation (ID) number
72-11-20	VALIDATION CHECKS OF THE "ANISN" AND "KENO" CODES BY CORRELATION WITH EXPERIMENTAL DATA.	HANDLEY, G. R. / HOPPER, C. M.	Y-1858	1844
72-12-00	CRITICALITY OF GRAPHITE- AND POLYETHYLENE-REFLECTED URANIUM(93.2)-METAL CYLINDERS AND ANNULI	MIHALCZO, J. T.	NSENAO, 49, 489-504	1966
73-00-00	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART-2	MALEWSKI, S. / DABROWSKI, C.	INR-1456/9A/PR/A	1941

The **experimental facility (or site) index** permits identification of all reports according to where the experimental work was performed. For those facilities at which a large number of experiments were performed, the site also indicates the project associated with the work. For any one facility, the citations are listed chronologically, in the format shown below:

Citation (ID) number	Experimental facility			
	GENERAL ELECTRIC CO., SAN JOSE - SEFOR REACTOR			
1932	NOBLE, L. D. / MITZEL, F. / SARMA, B. / WINTZER, D. / LU, Y. S. / KESSLER, G. / PFLASTERER, G. R. / BECKER, R. A. / MANSUR, L.	GEAP-13588	70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.
	GENERAL ELECTRIC CO., VALLECITOS - LOW ENRICHED URANIUM OXIDE - WATER			
685	JAWOROWSKI, T. R. / ALINE, P. G. / KOSANKE, H. D.	APED-4236	63-07-15	CONTROL AUGMENTATION CRITICAL EXPERIMENTS
1476	WARZEK, F. G. / JOHNSTON, H. F.	TANSAO, 06, 219-220	63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 1, EXPERIMENTS
1477	PETERSEN, G. T.	TANSAO, 06, 220-221	63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 2, ANALYSES
	GERMANY - HEAVY WATER			
1496	KUCHLE, M.	IAEA-AMST.-1963, 2, 575-586	63-09-06	PULSED NEUTRON MEASUREMENTS ON A HEAVY WATER REACTOR AT ZERO ENERGY

The **author index** provides a chronological listing of all reports published by any author. The format of the citation here is the same as that used in the facility index.

To maximize the usefulness of the author index we have made the format for each author's name internally consistent; thus all reports by a particular author begin in one place in this index.

Keyterm**Citation
(ID)
number****HEXAHYDRATE**

67-06-00 LLOYD, R. C. / CLAYTON, E. D.

896 INTERACTING ARRAYS OF CONTAINERS WITH URANIUM-233 SOLUTION**HFIR**

67-03-20 JOHNSON, E. B.

1151 CRITICAL LATTICES OF HIGH FLUX ISOTOPE REACTOR FUEL ELEMENTS

HI-C

65-06-00 BOYNTON, A. R.

843 EXPERIMENTAL THERMAL DISADVANTAGE FACTORS IN SOME VERY UNDERMODERATED 3 PERCENT ENRICHED WATER - URANIUM OXIDE LATTICES

65-12-00 BOYNTON, A. R. / PLUMLEE, K. E. /
REDMAN, W. C. / ROBINSON, W. R. /
STANFORD, G. S.

821 HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT

66-06-00 BOYNTON, A. R. / PENNINGTON, E. M.

892 CRITICAL EXPERIMENTS AND CALCULATIONS IN SOME VERY UNDERMODERATED, SLIGHTLY ENRICHED, URANIUM OXIDE/WATER LATTICES

A word of caution on the use of these keyterm and keyphrase concordances: possibly, in our effort to keep the number of citations manageable, we have not included some terms that others might consider relevant. Also, some relevant terms simply could not be included due to the exceedingly large number of reports listed under the term. Such terms are, for example, "experiment", "critical", and "uranium". Also, for more than three decades, authors have not used a consistent terminology to describe their work. Examples are "Oralloy" for highly enriched uranium, "Tuballoy" for natural uranium, a "tamped" system for a reflected system, and "Perspex" in the United Kingdom for plexiglas or methyl methacrylate plastic. We did not consider it appropriate to standardize these terms since they reflect prevalent usage in certain time periods.

HOW WE CREATED THE BIBLIOGRAPHY BY COMPUTER

Starting in 1968, relevant reports have been collected at LLL in a library of criticality documents. This collection has been augmented through selective searching and retrieval of pertinent reports from the literature by LLL's Technical Information Department (TID). More recently, we have used the large computer-based information systems of the National Technical Information Service (NTIS) and of the U.S. Department of Energy (DOE/RECON) to obtain citations to the pertinent literature of criticality experiments. This search and retrieval especially pertains to RECON's Nuclear Science Abstracts (NSA) and its Energy Data Base (DOE/EDB). Keyboarding was carried out directly from marked-up documents.

We used the MASTER CONTROL database management system to create the databases, to verify and proof the text of citations, and to search interactively.^{8,9} The system also permits direct correlation with corresponding numerical data of criticality experiments and the printing of a variety of different report formats. Although interactive search and retrieval with MASTER CONTROL can provide immediate and up-to-date insight into the state of a particular type of a criticality experiment, or can provide the results of corresponding machine calculations, these three printed volumes can be used without a computer terminal. We have developed during the past 10 years a sophisticated set of postprocessing routines that take computer output generated by MASTER CONTROL and format it in a variety of fonts and options into camera-ready copy for printing.^{10,11} We used the high-resolution hardcopy cameras of the FR80 output devices, directly linked with LLL computers,* to create this criticality bibliography.

*OCTOPUS network of four CDC-7600s, two CDC-STARs, and a CRAY.

Date Author

BAKER, C. P.

1980	BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	LA-0134	44-09-04	WATER BOILER
1981	BAKER, C. P. / HOLLOWAY, M. G.	LA-0618	47-02-03	CRITICAL MASSES OF ENRICHED URANIUM HYDRIDES AND SOME RELATED MEASUREMENTS
BALDWIN, M. N.				
700	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES
628	ENGELDER, T. C. / CLARK, R. H. / BALDWIN, M. N. / DEROCHÉ, E. J. / FAIRBURN, G. T. / HALLAM, J. W.	BAW-1273	63-11-00	MEASUREMENTS AND ANALYSIS OF UNIFORM LATTICE OF SLIGHTLY ENRICHED URANIUM DIOXIDE MODERATED BY HEAVY WATER-WATER MIXTURES.
1369	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-12	69-06-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT JANUARY - MARCH 1969
1368	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-14	69-09-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969
1905	BALDWIN, M. N. / STERN, M. E.	BAW-3647-17	70-06-00	PHYSICS VERIFICATION PROGRAM. PART-3, TASK 4. QUARTERLY TECHNICAL REPORT, JANUARY-MARCH 1970.

Also, this particular index contains at its end an abbreviated alphabetic listing that points to the *page number* of the respective index. This provides a concise overview for the available material.

The concordance on keyphrases in titles was derived by computer as a multi-term index of cogent expressions. Non-essential expressions and keyphrases were removed. This concordance also concludes with an abbreviated, alphabetic lookup table, giving the user a direct guide to the *page number* for desired subject keyphrases or keyterms.

Keyphrase	Citation (ID) number
WATER BOILERS	1980 WATER BOILER
44-09-04 BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	454 THEORY OF WATER-TAMPED WATER BOILER
45-09-27 GREULING, E.	1982 CRITICAL ASSEMBLIES, CHAPTER 4, WATER BOILERS
47-12-19 KING, L. D. P.	
WATER COOLED LATTICES	
64-06-00 BENTON, F. D.	716 MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY WATER MODERATED, ORGANIC OR WATER COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS

The concordance on keyterms in titles and abstracts is an innovation. The keyterms were selected from the computer-generated dictionary of all unique single terms derived from titles and abstracts. Though this index provides a broader field of terms, each term may be insufficient to locate all relevant articles.

ACKNOWLEDGMENTS

This work has benefited from the encouragement and expert technical advice of Hugh C. Paxton (Los Alamos Scientific Laboratory), and Robert J. Howerton (LLL).

We acknowledge gratefully the assistance of many experimenters, especially A. Dixon Callihan, Jack H. Chalmers (United Kingdom), and Joseph T. Thomas. Editing and indexing of the bibliographic material was carried out by the authors, with the assistance of Frederick E. McMurphy, Ronald P. Koopman, and Barbara Mallon. The keyboarding of the citations was done, among others, with diligence and exactness by Beverly J. Bear and the late Adelle Larson. H. Leonard Fisher of TID executed the thorough search of the literature, manually and by computer. Bob Kuhn of the Computation Department wrote the postprocessing routines that permitted direct creation of the camera-ready copy. Larry Gottlieb of TID served as editor.

REFERENCES

1. V. E. Hampel, R. J. Howerton, and J. A. Wade, "A Computerized Library and Evaluation System for Integral Neutron Experiments," presented at *Am. Nucl. Soc. Mtg.*, Seattle, Washington, 1969. Also, published by Lawrence Livermore Laboratory, Livermore, CA, UCRL-71584 Rev. 1 (1969).
2. V. E. Hampel, "A Method for Testing of Neutron Cross Sections and Neutronics Computer Programs by Comparison with Integral Neutron Experiments," *Trans. Am. Nucl. Soc.* **13**, 1 (1970). Also, published by Lawrence Livermore Laboratory, Livermore, CA, UCRL-72418-Summary (1970).
3. V. E. Hampel, "A Library of Evaluated Integral Neutron Experiments," invited paper presented at *Am. Nucl. Soc. Mtg., Los Angeles, California, 1971*. Also, published by Lawrence Livermore Laboratory, Livermore, CA, UCRL-73278-Summary (1971).
4. B. L. Koponen, "The Role of Computers in Quality Assurance in the LLL Criticality Safety Program," presented at *Ann. Mtg. Am. Nucl. Soc., San Diego, California, 1978*. Also, published by Lawrence Livermore Laboratory, Livermore, CA, UCRL-80711 (1978).
5. B. L. Koponen and T. P. Wilcox, "A Computerized Library of Bibliographic Criticality Data," to be presented at *Ann. Mtg. Am. Nucl. Soc., Atlanta, Georgia, 1979*. Also, published by Lawrence Livermore Laboratory, Livermore, CA, UCRL-81644 Rev. 1 (1979).
6. R. J. Howerton, An Integrated System for Production of Neutronics and Photonics Computational Constants, a series of publications by the Physical Data Group at Lawrence Livermore Laboratory, Livermore, CA under the UCRL-50400 primary access number.
7. A. E. Profio, *Experimental Reactor Physics* (John Wiley & Sons, New York, 1976).
8. V. E. Hampel and J. A. Wade, "MASTER CONTROL—A Unifying Free-Form Data Storage and Data Retrieval System for Dissimilar Data Bases," in *Proc. Ann. ASIS Conf., San Francisco, California, 1969*. Also, published by Lawrence Livermore Laboratory, Livermore, CA, UCRL-71686 (1968).
9. V. E. Hampel and R. A. Wiley, "Integrating Text and Data for Energy Research," in *Proc. ERDA-wide Conf. Computer Support Environmental Science and Analysis, ERDA, Albuquerque, 1975*, CONF-75706. Also, published by Lawrence Livermore Laboratory, Livermore, CA, UCRL-76991 (1975).
10. R. W. Kuhn, *Development and Implementation of New Character Fonts at LLL*, Lawrence Livermore Laboratory, Livermore, CA, UCID-17653 (1977).
11. R. W. Kuhn, K. W. Johnson, and H. Moll, *Post-Processing of MASTER CONTROL Output*, Lawrence Livermore Laboratory, Livermore, CA, UCID-17739 (1978).

LOOKUP TABLES:

REPORT NUMBER

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

A-4716	CRITICAL MASS STUDIES, PART 1	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	47-06-00	241
A1-AEC-12884	QUARTERLY TECHNICAL PROGRESS REPORT LMFBR PHYSICS PROGRAMS JULY-SEPTEMBER 1969	SPRINGER, T. H. / TUTTLE, R. J. / MOUNTFORD, L. A.	69-11-15	1375
AAEC/E123	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235/BERYLLIUM- OXIDE SUBCRITICAL ASSEMBLIES	DUERDEN, P. / MC CULLOCH, D. B. / BRITTLIFF, E.	66-07-19	719
AAEC/E145	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-233/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES	BRITTLIFF, E. / DUERDEN, P.	65-11-00	761
AAEC/E146	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235 FUELED SUBCRITICAL ASSEMBLIES MODERATED BY BERYLLIUM OXIDE/FERTILE MATERIAL MIXTURES	MC CULLOCH, D. B. / DUERDEN, P. / BRITTLIFF, E.	65-12-00	784
¹ AAEC/E177	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN PLUTONIUM-239/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES	DUERDEN, P.	67-06-00	805
ACT. LAN. REV., 1, 409-432	CRITICALITY PROBLEMS OF ACTINIDE ELEMENTS.	CLAYTON, E. D. / BIERMAN, S. R.	71-09-00	1663
AE-207	EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2 OF THE FAST REACTOR FRO	HELLSTRAND, E. / ANDERSSON, T. L. / BRUNFELTER, B. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	65-12-00	379
AE-233	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO	ANDERSSON, T. L. / BRUNFELTER, B. / CECCHI, P. F. / HELLSTRAND, E. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	66-06-00	788
AEC-TR-4708	EXPERIMENTAL INVESTIGATION OF EFFECTS OF INTERACTION OF TWO SUBCRITICAL REACTORS	KAMAEV, A. V. / DUBOVSKII, B. G. / VAVILOV, V. V. / POPOV, G. A. / PALAMARCHUK, YU. D. / IVANOV, S. P.	62-10-09	1990
AECD-3269	EXPERIMENTAL PRODUCTION OF A DIVERGENT CHAIN REACTION	FERMI, E.	52-01-04	1449
AECL-1814	URANIUM DIOXIDE LATTICE - PARAMETER MEASUREMENTS IN ZED2	GREEN, R. E. / BIGHAM, C. B.	63-09-00	633
AECL-2330, 218-232	CRITICAL EXPERIMENTS WITH THE ORGANIC COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS OIL	ALEKSENKO, U. N. / BUINITSKAYA, V. I. / ZASLAVSKII, V. V. / ZVONOV, N. V. / ET AL	64-00-00	865
AECL-2330, 233-250	A STUDY OF THE PHYSICAL CHARACTERISTICS OF HYDROGEN-CONTAINING REACTORS IN THE CRITICAL REGION	UROVA, L. N. / POLYAKOV, A. A. / KLENOV, G. I. / MOROSOV, I. G. / INYUTIN, E. I. / SIDOROV, G. I.	64-00-00	2011
AECL-2516	LATTICE MEASUREMENTS WITH 19-ELEMENT NATURAL URANIUM METAL ASSEMBLIES. PART 1 - BUCKLINGS FOR A RANGE OF SPACINGS WITH HEAVY WATER AND HELIUM COOLANTS	SERDULA, K. J. / GREEN, R. E.	65-10-00	782
AECL-2606	LATTICE MEASUREMENTS WITH 28-ELEMENT NATURAL URANIUM DIOXIDE FUEL ASSEMBLIES PART 1. BUCKLINGS FOR A RANGE OF SPACINGS WITH THREE COOLANTS	SERDULA, K. J.	66-07-00	792
AECL-3416	INTEGRAL MEASUREMENTS FOR 28-ELEMENT URANIUM-DIOXIDE ASSEMBLIES WITH AIR, WATER, AND AIR-WATER MIXTURE COOLANTS	MEHTA, S. L. / SERDULA, K. J.	69-07-00	1874
AECL-5535	VALIDATION OF THE KENO AND SU-HAMMER CODES FOR PLUTONIUM SYSTEMS	KELLER, N. A.	76-07-00	1943

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

AECL-5539	CALCULATION OF FOURTEEN PLUTONIUM- URANIUM CRITICAL EXPERIMENT BENCHMARKS USING KENO AND SU-HAMMER	KELLER, N. A.	76-07-00	1944
AECU-3604	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	57-11-12	84
AECU-3605	GRAPHITE-MODERATED, GRAPHITE-REFLECTED CRITICAL ASSEMBLIES	BYERS, C. C.	57-00-00	2054
AEW-M340	EXPERIMENTS IN ZENITH	SANDERS, J. E.	63-04-00	686
AEW-R124	BUCKLING MEASUREMENTS ON GRAPHITE LATTICES CONTAINING COMPOSITE PLUTONIUM- URANIUM FUEL ELEMENTS	RICHMOND, R.	64-01-00	696
AEW-R201	MEASUREMENTS OF BUCKLING AND RELATIVE REACTION RATES IN SOME PLUTONIUM- GRAPHITE ASSEMBLIES	CARTER, D. H. / CLARKE, W. G. / HUNT, C. / MARSHALL, J. / MC CULLOCH, D. B. / SANDERS, J. E. / SYMONS, C. R.	64-00-00	673
AEW-R315	THE FIRST CORE OF ZEBRA	INGRAM, G. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R.	63-10-00	740
AEW-R325	AN ANALYSIS OF EXPERIMENTS ON GRAPHITE MODERATED ASSEMBLIES FUELED WITH URANIUM, PLUTONIUM AND URANIUM- PLUTONIUM METAL	HARPER, R. G.	64-00-00	720
AEW-R348	MEASUREMENTS OF BUCKLING AND PLUTONIUM- 239/URANIUM-235 RELATIVE REACTION RATES IN AN UNDERMODERATED GRAPHITE ASSEMBLY FUELED WITH HIGHLY ENRICHED URANIUM-235 AND PLUTONIUM-239	MAUNDERS, E. J.	64-07-00	724
AEW-R376	REACTIVITY CHANGE MEASUREMENTS ON PLUTONIUM-URANIUM FUEL ELEMENTS IN HECTOR EXPERIMENTAL TECHNIQUES AND RESULTS	TATTERSALL, R. B. / SMALL, V. G. / MACBEAN, I. J. / HOWE, W. D.	64-00-00	345
AEW-R410	THE SECOND CORE OF ZEBRA	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	65-00-00	744
AEW-R461	THE THIRD CORE OF ZEBRA	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	65-10-00	763
AEW-R481	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	66-05-00	790
AEW-R499	ANALYSIS OF REACTIVITY MEASUREMENTS IN HECTOR ON SINGLE PLUTONIUM-URANIUM OXIDE CLUSTERS	BANNERMAN, R. C.	68-08-00	1145
AERE-CE/R-2052	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTION PART 2 PREPARATION AND HANDLING OF SOLUTIONS	CUNNINGHAM, J. E. / WALL, G. P. / WELLS, I.	58-00-00	288
AERE-CE/R-2624	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE PART 1 FUEL SYSTEM	KING, D. T. / WALL, G. P. / WHITE, J. W. C.	58-00-00	286
AERE-CR/R-1182	CRITICAL ASSEMBLIES OF PLUTONIUM NITRATE SOLUTIONS	CROCKER, V. S. / ET AL	59-00-00	287
AERE-R/R-2051	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTIONS.. PART 1:	CLARKE, W. G. / HORTON, C. C. / SMITH, M. F.	56-09-20	185

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

EXPERIMENTAL TECHNIQUES AND RESULTS

AERE-R/R-2444	ZEUS FINAL REPORT	BAKER, A. R. / SMITH, R. D.	59-00-00	623
AERE-R/R-2539	THE BEHAVIOUR OF ZEPHYR WITH A GRAPHITE ENVELOPE	INGRAM, G. / SANDERS, J. E.	58-07-00	617
AERE-R/R-2597	EXPONENTIAL EXPERIMENTS WITH NATURAL AND SLIGHTLY ENRICHED URANIUM, GRAPHITE MODERATED SYSTEMS	LOCKEY, D. J. / PEARSON, H. / POPE, A. L. / WELLS, C. M.	56-09-00	2097
AERE-R/R-2602	EXPONENTIAL EXPERIMENTS FOR PIPPA MK. 1 (DECLASSIFIED VERSION OF AERE-RP/R-1545)	BEVAN, G. / MUMMERY, P. W. / SALMON, A. J. / THOMPSON, M. W.	54-11-00	624
AERE-R/R-2703	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	58-11-00	66
AERE-R/R-2731	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-3, THEORETICAL ANALYSIS	CARTER, C. / LANG, P. K. H. / MYATT, G.	59-07-00	67
AERE-R5330	TIME OF FLIGHT MEASUREMENTS OF THE NEUTRON SPECTRUM IN A SUBCRITICAL FAST REACTOR ASSEMBLY	COATES, M. S. / GAYTHER, D. B. / GOODE, P. D. / TRIPP, D. J.	68-01-00	133
AERE-RP/R-1788	EXPONENTIAL EXPERIMENTS WITH ENRICHED URANIUM-NATURAL WATER SYSTEMS	DAVEY, W. G. / SMITH, K. R. E.	55-10-00	2098
AERE-RP/R-1810	APPROACH TO CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM IN NATURAL WATER	CROCKER, V. S. / DAVEY, W. G. / SMITH, K. R. E.	57-07-00	2099
AHSB(S) HANDBOOK-1	HANDBOOK OF CRITICALITY DATA, VOLUME I	CHALMERS, J. H. / WALKER, G. / PUGH, J.	65-00-00	490
AHSB(S) HANDBOOK-5, PART-2	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA.. (PART-2, CHAPTERS 5 AND 6).	CHALMERS, J. H.	68-00-00	16
AHSB(S) HANDBOOK-5, PART-1	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA (PART-1, CHAPTERS 1 - 4)	CHALMERS, J. H. / ABBEY, F.	67-00-00	40
AHSB(S) HANDBOOK-5, PART-3	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA PART 3	CHALMERS, J. H.	68-00-00	258
AHSB-17	CRITICAL ASSEMBLIES OF INFINITE SLABS OF HIGHLY ENRICHED URANIUM AND WATER	WOODCOCK, E. R.	59-06-00	806
AI-AEC-12705	DOPPLER AND RELATED MEASUREMENTS IN A SOFT FAST-REACTOR SPECTRUM	SPRINGER, T. H. / TUTTLE, R. J. / OTTER, J. M. / PASCHALL, R. K.	69-00-00	475
ANL-5379	THE FAST EXPONENTIAL EXPERIMENT	MARTENS, F. H.	55-11-00	1452
ANL-6218	CALCULATION OF HETEROGENEITY EFFECTS IN ZPR-3 FAST ASSEMBLIES USING THE DSN PROGRAMS	MENEGHETTI, D. / LOOMIS, M. F.	60-11-00	1097
ANL-6299	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKER, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	61-02-00	461
ANL-6336	CRITICAL STUDIES OF A 450-LITER URANIUM OXIDE FAST REACTOR CORE.	HESS, A. L. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	60-11-00	607
ANL-6337	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	61-05-00	86
ANL-6338	CRITICAL STUDIES OF A DILUTE FAST REACTOR CORE (ZPR-3 ASSEMBLY 31)	GASIDLO, J. M. / LONG, J. K. / MC VEAN, R. L.	61-10-00	82
ANL-6378	CRITICAL EXPERIMENTS WITH THORIA-URANIA FUEL IN HEAVY WATER	REDMAN, W. C. / KAUFMANN, S. G. / PLUMLEE, K. E. / BAIRD, Q. L.	61-12-00	466
ANL-6382	A DESCRIPTION OF INTEGRAL PHYSICS DATA FOR FAST REACTOR DESIGN	LOEWENSTEIN, W. B. / MENEGHETTI, D.	61-07-00	1469

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

ANL-6401	CRITICAL STUDIES OF A DILUTE CARBIDE FAST REACTOR (CORE ZPR-3 ASSEMBLY 34)	HUBER, R. J. / LONG, J. K. / MC VEAN, R. L. / GASIDLO, J. M.	61-05-00	85
ANL-6617	A CRITICAL COMPARISON OF MEASURED AND CALCULATED FISSION RATIOS FOR ZPR-3 ASSEMBLIES	DAVEY, W. G.	61-09-00	351
ANL-6681	A SURVEY OF PROMPT NEUTRON LIFETIMES IN FAST CRITICAL SYSTEMS	BRUNSON, G. S.	63-00-00	308
ANL-6682	A COMPARISON OF EXPERIMENTAL AND CALCULATED PROMPT NEUTRON LIFETIMES AND CENTRAL REACTIVITY COEFFICIENTS IN ZPR-3 ASSEMBLIES AND THEIR RELATIONSHIP TO OTHER PARAMETERS	DAVEY, W. G.	63-06-00	352
ANL-6690	CRITICAL STUDIES OF URANIUM-STEEL AND URANIUM-STEEL-SODIUM FAST REACTOR CORES (ZPR-3 ASSEMBLIES 32 AND 33)	AMUNDSON, P. I. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	63-02-00	83
ANL-6713	CRITICAL STUDIES OF A SMALL URANIUM CARBIDE FUELED REACTOR WITH A BERYLLIUM REFLECTOR (ZPR-3 ASSEMBLY 40)	MC VEAN, R. L. / AMUNDSON, P. I. / BRUNSON, G. S. / GASIDLO, J. M.	63-04-00	80
ANL-6732	CRITICAL STUDIES OF A 440-LITER FAST-REACTOR CORE FUELED WITH URANIUM ENRICHED TO 17 PERCENT (ZPR-3 ASSEMBLY 41)	HESS, A. L. / GASIDLO, J. M. / LONG, J. K. / AMUNDSON, P. I. / KEENEY, W. P.	71-06-00	1829
ANL-6733	A TWO-ZONE FAST CRITICAL EXPERIMENTS, ZPR-3 ASSEMBLY 42.	AMUNDSON, P. I. / MC VEAN, R. L. / LONG, J. K.	64-01-00	350
ANL-6838	DOPPLER EFFECT MEASUREMENTS, SODIUM VOID COEFFICIENTS, AND CRITICAL STUDIES OF A 5000-LITER FAST POWER BREEDER REACTOR BY THE TWO-ZONE METHOD (ZPR-3 ASSEMBLY 43)	GASIDLO, J. M. / LONG, J. K. / KEENEY, W. P.	64-05-00	12
ANL-6850	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239- FUELED FAST REACTORS	DAVEY, W. G.	64-02-00	455
ANL-7007	PHYSICS MEASUREMENTS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / KARAM, R. A.	67-03-00	119
ANL-7010, 091-110	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)	RUSCH, G. K. / BOHME, R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	65-01-00	833
ANL-7014	AN ANALYSIS OF SIX AETR FAST CRITICAL EXPERIMENTS	DAVEY, W. G.	65-03-00	450
ANL-7044	CRITICAL STUDIES FOR THE FRENCH FAST REACTOR <RAPSODIE> (ZPR-3 ASSEMBLY 44)	HESS, A. L. / KEENEY, W. P. / CAUMETTE, P. / BOYER, J. P.	66-03-00	1249
ANL-7082	FARET CRITICALS	NONE	65-08-24	758
ANL-7110, 082-084	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT	BOYNTON, A. R. / PLUMLEE, K. E. / REDMAN, W. C. / ROBINSON, W. R. / STANFORD, G. S.	65-12-00	821
ANL-7110, 215-221	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	65-12-00	1098
ANL-7133	CALCULATIONS OF ZPR-3 FAST ASSEMBLIES USING A TWENTY-SIX-GROUP CROSS-SECTION SET.	MENEGHETTI, D. / WHITE, J. R.	64-11-00	1287
ANL-7207	PHYSICS MEASUREMENTS WITH MODIFIED DILUENT COMPOSITIONS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS	KNAPP, W. G. / DOERNER, R. C.	67-02-00	118

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

ANL-7208	ZPR-9 ASSEMBLIES NO. 6-9 CRITICAL EXPERIMENTS	DOERNER, R. C. / KNAPP, W. G. / KARAM, R. A. / BUTLER, D. K.	67-03-00	120
ANL-7215	EXPERIMENTS WITH A SERIES OF SMALL, PLUTONIUM-PLUS-URANIUM-FUELED FAST-REACTOR CRITICALS (FARET MOCKUP--ZPR-3 ASSEMBLY 46).	HESS, A. L. / KEENEY, W. P. / MC VEAN, R. L.	70-01-00	1866
ANL-7248	CRITICAL STUDIES OF THE SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR (SEFOR IN ZPR-3 (ASSEMBLY 47)	MC VEAN, R. L. / WEITZBERG, A. / KREMSER, J. / LERIDON, A. M. / LONG, J. K.	67-03-00	108
ANL-7281	MEASURED PHYSICS PARAMETERS IN A ZONED FAST URANIUM CARBIDE CORE, ASSEMBLY 42	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	66-12-00	121
ANL-7285	PHYSICS OF FAST REACTORS WITH TUNGSTEN-URANIUM-235 FUEL SUMMARY AND DISCUSSION	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G. / LOEWENSTEIN, W. B.	66-00-00	1096
ANL-7320, 057-065	INTERCOMPARISON OF CALCULATIONS FOR A DILUTE PLUTONIUM-FUELED FAST CRITICAL ASSEMBLY (ZPR-3 ASSEMBLY 48)	DAVEY, W. G.	66-10-10	910
ANL-7320, 066-079	IMPLICATIONS OF RECENT FAST CRITICAL EXPERIMENTS ON BASIC FAST REACTOR DESIGN DATA AND CALCULATIONAL METHODS	GREEBLER, P. / GYOREY, G. L. / HUTCHINS, B. A. / SEGAL, B. M.	66-10-10	911
ANL-7320, 080-087	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	66-10-10	912
ANL-7320, 130-134	COMPARISON OF MULTIGROUP CROSS-SECTION SETS USED IN REACTOR CALCULATIONS	BATTAT, M. E. / LABAUVE, R. J.	66-10-10	916
ANL-7320, 137-158	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	66-10-10	917
ANL-7320, 159-185	EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO	ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J.	66-10-10	918
ANL-7320, 186-194	MEASUREMENTS AND ANALYSIS OF ALUMINUM-, ALUMINUM TRIOXIDE-, AND BERYLLIUM OXIDE-REFLECTED FAST CRITICAL EXPERIMENTS	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G.	66-10-10	919
ANL-7320, 195-204	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	66-10-10	1425
ANL-7320, 205-215	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	66-10-10	1487
ANL-7320, 216-230	ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY	ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M.	66-10-10	922
ANL-7320, 231-236	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM CARBIDE CORES	RUSCH, G. K. / KARAM, R. A. / KATO, W. Y. / MAIN, G. W.	66-10-10	923
ANL-7320, 237-241	PROMPT-NEUTRON TIME BEHAVIOR IN DELAYED-CRITICAL COUPLED URANIUM-METAL CYLINDERS	MIHALCZO, J. T.	66-10-10	924
ANL-7320, 278-298	MONTE CARLO ANALYSIS OF SMALL FAST CRITICAL ASSEMBLIES	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	66-10-10	927
ANL-7320, 299-303	MONTE CARLO CALCULATIONS OF FAST MULTICOMPONENT CRITICAL SYSTEMS	THOMAS, J. T.	66-10-10	928
ANL-7320, 369-374	CALCULATION OF THE SODIUM-VOID EFFECT IN LARGE CARBIDE CORES	HELM, F. / TRAVELLI, A.	66-10-10	936

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

ANL-7320, 377-385	CALCULATIONAL STUDIES OF SODIUM-VOID REACTIVITY VARIATIONS DUE TO THIN SLAB HETEROGENEITIES IN FAST CRITICAL ASSEMBLIES	MENEGHETTI, D.	66-10-10	937
ANL-7320, 403-420	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	66-10-10	940
ANL-7320, 477-480	SPECTRUM MEASUREMENTS IN A LARGE DILUTE PLUTONIUM FUELED FAST REACTOR	BENNETT, E. F. / GOLD, R. / HUBER, R. J.	66-10-10	942
ANL-7320, 481-485	A COMMENT ON THE COMPARISON OF THEORETICAL WITH EXPERIMENTAL NEUTRON SPECTRA IN FAST CRITICAL ASSEMBLIES	VRABELLI, A.	66-10-10	943
ANL-7320, 486-489	COMMENT ON SPECTRUM MEASUREMENTS IN A LARGE, DILUTE PLUTONIUM-FUELED FAST REACTOR	BROWN, P. S.	66-10-10	944
ANL-7320, 501-505	A COMPARISON OF MEASURED AND CALCULATED ENERGY SPECTRA IN TWO VERA CORES	WEALE, J. W. / BENJAMIN, P. W. / PATERSON, W. J.	66-10-10	946
ANL-7320, 506-523	MEASUREMENTS OF NEUTRON SPECTRA AND DECAY CONSTANTS WITH THE FAST SUBCRITICAL FACILITY SUAK	KUCHLE, M. / MITZEL, F. / WATTECAMPS, E. / WERLE, H.	66-10-10	947
ANL-7320, 550-560	THE CRITICAL EXPERIMENTS AND PRELIMINARY ANALYSIS OF MULTIFUELED, NONUNIFORM CORE LOADINGS FOR THE FARET PROGRAM	PERSIANI, P. J. / HESS, A. L. / KUCERA, D.	66-10-10	950
ANL-7320, 560-568	CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3	MC VEAN, R. L. / GOIN, R. W. / WEITZBERG, A. / LERIDON, A. M. / KREMSE, J.	66-10-10	951
ANL-7320, 569-585	APPLICATION OF THE SEFOR CRITICAL EXPERIMENTS AT ZPR-3 TO SEFOR	REYNOLDS, A. B. / STEWART, S. L.	66-10-10	952
ANL-7320, 586-589	CRITICAL EXPERIMENTS WITH A MOCKUP OF THE REPETITIVELY PULSED REACTOR SORA	KISTNER, G. / MIHALCZO, J. T.	66-10-10	953
ANL-7320, 590-604	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREAY FAST REACTOR	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	66-10-10	954
ANL-7320, 605-628	STATIC PHYSICS MEASUREMENTS IN THE FERMI REACTOR	MUELLER, R. E. / NIMS, J. B. / CALLEN, R. C.	66-10-10	955
ANL-7320, 725-733	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK	ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G.	66-10-10	965
ANL-7320, 759-775	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK	ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D.	66-10-10	967
ANL-7320, 776-784	THE JAERI FAST CRITICAL FACILITY	HIROTA, J. / NOMOTO, S. / NAKAMURA, T. / IIJIMA, T. / HIRAOKA, T. / HIRAKAWA, N.	66-10-10	968
ANL-7320, 785-793	FAST TEST REACTOR: CRITICAL EXPERIMENTS PROGRAM	BENNETT, R. A. / HOFMANN, P. L. / LITTLE, W. W. / MAAS, L. L.	66-10-10	969
ANL-7416	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY	BLAINE, R. / FROELICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	68-02-00	491
ANL-7483	ARGONNE ADVANCED RESEARCH REACTOR CRITICAL EXPERIMENTS.	PLUMLEE, K. E. / DAUGHTRY, J. W. / JOHNSON, T. W. / ROBINSON, W. R. / SCHULTZ, R. A. / STANFORD, G. S.	69-02-00	1875
ANL-76-112	HIGH- PLUTONIUM-240 SECTOR EXPERIMENTS	MC FARLANE, H. F. / BECK, C. L.	76-12-00	1942

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

IN ZPPR ASSEMBLY 4

ANL-7695	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.	STEVENSON, J. M. / GASIDLO, J. M. / ROGERS, V. C. / SIMONS, G. G. / VOSBURGH, R. O.	70-04-00	1862
ANL-7773	SUMMARY OF CRITICAL-MASS CONFIGURATIONS, MATERIAL CONCENTRATIONS, AND CONTROL-ROD WORTHS FOR ZPR-9 ZONED FAST CRITICAL ASSEMBLIES 11-25.	ROBINSON, W. R. / LESAGE, L. G. / POND, R. B.	71-03-00	1811
ANL-7882	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	71-11-00	1834
APAE-08	ARMY PACKAGE POWER REACTOR ZERO POWER EXPERIMENTS (ZPE-1)	NOAKS, J. W. / JOHNSON, W. R.	57-02-08	2064
APAE-36	THE ALCO PRODUCTS, INC. CRITICALITY FACILITY. DESCRIPTION AND OPERATION	NOAKS, J. W.	58-07-16	2055
APAE-MEMO-001	CRITICAL MASS CALCULATION FOR APPR-1 CRITICAL EXPERIMENT	GALLAGHER, J. G. / GIESLER, H. W. / JOHNSON, W. R.	55-09-23	2065
APAE-MEMO-061	RESULTS AND ANALYSIS OF THE APPR-1 ZERO POWER EXPERIMENTS. PART 1	GIESLER, H. W.	56-11-07	2066
APED-4236	CONTROL AUGMENTATION CRITICAL EXPERIMENTS	JAWOROWSKI, T. R. / ALINE, P. G. / KOSANKE, H. D.	63-07-15	685
ATOMIC ENERGY SOC. OF JAPAN, 5, 1, 14-22	ANALYSIS OF THE ENRICHED-URANIUM HEAVY-WATER HOMOGENEOUS SYSTEM	HIROTA, J. / KATSURAGI, S. / KUROI, H. / KOINUMA, R. / ISHIGURO, Y.	63-00-00	74
ATOMK., 10, 437	A FAST NEUTRON BURST REACTOR	BLOKHIN, G. E. / BLOKHINTSEV, D. I. / BLYUMKINA, YU. A. / BONDARENKO, I. I. / DERYAGIN, B. I. / ZAIMOVSKII, A. S. / ET AL	61-00-00	336
ATOMKERNENERGIE, 21, 197-202	CRITICALITY SAFETY OF PIPE INTERSECTIONS FOR PLUTONIUM NITRATE SOLUTIONS.	RUECKERT, N.T. / THOMAS, W.	73-03-00	1691
AWRE-0-32/68	THE MEASUREMENT OF THE CRITICAL SIZE OF A HOMOGENEOUS MIXTURE OF PLUTONIUM AND NATURAL URANIUM OXIDES WITH POLYTHENE	LANE, R. C. / PERKINS, O. J. E.	68-07-00	128
AWRE-0-58/73	MEASUREMENT OF THE CRITICAL SIZE OF SOLUTIONS OF PLUTONIUM AND NATURAL URANIUM NITRATES WITH PLUTONIUM/URANIUM RATIO OF 0.3	LANE, R. C. / PARKER, C.	73-12-00	1696
AWRE-NR-1/66	MEASUREMENTS OF THE CRITICAL MASS OF 37.5 PERCENT ENRICHED URANIUM IN REFLECTORS OF WOOD, CONCRETE, POLYETHYLENE AND WATER	LANE, R. C. / PERKINS, O. J. E.	66-02-00	29
AWRE-NR/A-1/62	CRITICAL MASS MEASUREMENTS WITH THIN DISCS OF 45.5 PERCENT ENRICHED URANIUM	DOMINEY, J. R. / LANE, R. C. / THOMAS, A. F.	62-03-00	229
AWRE-R4/63	INTERIM REPORT ON THE VERA URANIUM-235/GRAPHITE REACTOR EXPERIMENT	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	74-06-00	301
AWRE-R5/66	INTERIM REPORT ON URANIUM-FUELED VERA REACTOR EXPERIMENTS	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	66-07-00	73
BARC-421	ANALYSIS OF ZERO POWER REACTOR III ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA	MAHALINGAM, L. M. / SHANKAR SINGH, R.	69-00-00	1374
BAW-1191	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	60-05-00	1001
BAW-1218	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL	NONE	60-12-00	698

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

REPORT NUMBER 2				
BAW-1221	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 4	NONE	61-06-00	699
BAW-1231	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	61-12-00	700
BAW-1240	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 5	NONE	61-12-00	701
BAW-1250	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 6	NONE	62-03-00	702
BAW-1259	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 7	NONE	62-06-00	703
BAW-1273	MEASUREMENTS AND ANALYSIS OF UNIFORM LATTICE OF SLIGHTLY ENRICHED URANIUM DIOXIDE MODERATED BY HEAVY WATER-WATER MIXTURES	ENGELDER, T. C. / CLARK, R. H. / BALDWIN, M. N. / DEROCHE, E. J. / FAIRBURN, G. T. / HALLAM, J. W.	63-11-00	628
BAW-1283	MEASUREMENTS OF K(INF) AND OTHER PARAMETERS IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE	ENGELDER, T. C. / SNIDOW, N. L. / ROBERTS, D. M. / FAIRBURN, G. T. / ROY, D. H.	63-00-00	347
BAW-1357	PLUTONIUM LATTICE EXPERIMENT IN UNIFORM LATTICE OF URANIUM-DIOXIDE/1.5%-PLUTONIUM-DIOXIDE FUEL	FAIRBURN, G. T. / PETTUS, W. G. / SNIDOW, N. L.	70-08-00	1889
BAW-3647-12	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT JANUARY - MARCH 1969	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	69-06-00	1369
BAW-3647-14	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	69-09-00	1368
BAW-3647-17	PHYSICS VERIFICATION PROGRAM. PART-3, TASK 4. QUARTERLY TECHNICAL REPORT, JANUARY-MARCH 1970.	BALDWIN, M. N. / STERN, M. E.	70-06-00	1905
BAW-3867-09, VOL 4	FAST BREEDER REACTOR STATIC PHYSICS METHODS DEVELOPMENT AND ANALYSIS PROJECT VOLUME 4 - PRODUCTION TESTS AND SENSITIVITY STUDIES USING THE FARED CODE	NEUHOLD, R. J.	69-11-00	1373
BMI-1288	GCRE CRITICAL-ASSEMBLY STUDIES	DINGEE, D. A. / BALLOWE, W. C. / KLINGENSMITH, R. W. / EGEN, R. A. / JANKOWSKI, F. J. / CHASTAIN, J. W.	58-09-10	1438
BMI-1501	ML-1-1B CRITICAL-ASSEMBLY STUDIES	RAY, J. W. / MATTHEWS, R. G. / HOGAN, W. S. / DINGEE, D. A. / CHASTAIN, J. W.	61-02-21	1437
BNL-00486	EXPERIMENTAL STUDIES OF SLIGHTLY ENRICHED URANIUM, WATER-MODERATED LATTICES	KOUTS, H. / SHER, R.	57-09-00	197
BNL-00954	URANIUM-233 DIOXIDE - THORIUM DIOXIDE LATTICE EXPERIMENTS	PRICE, G. A. / WINDSOR, H.	65-12-31	778
BNL-01578	ANALYSIS OF THE CLEAN BUCKLINGS OF 1.3 PERCENT ENRICHED URANIUM-WATER LATTICES	CHERNICK, J.	53-04-06	2034
BNL-01627	BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	53-11-05	631

**LLL-BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

BNL-01812	LIGHT WATER LATTICE STUDIES	KOUTS, H.	53-10-07	2036
BNL-02016	BUCKLING OF A NATURAL URANIUM LIGHT WATER MODERATED LATTICE	DOWNES, K.	54-07-23	632
BNL-02184	BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	55-02-07	2043
BNL-0483, 73-74	CRITICALITY DATA ON METAL URANIUM-233 SPHERICAL SYSTEMS	PLASSMANN, E. A. / WOOD, D. P.	57-01-09	2067
BNL-0489, 069-084	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	57-11-12	2080
BNL-0489, 085-088	THE NUCLEAR PARAMETERS OF SOME GRAPHITE, NATURAL URANIUM LATTICES MEASURED IN THE PCTR	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	57-11-12	2081
BNL-0489, 089-094	THE NUCLEAR PARAMETERS OF SOME LARGE PROCESS TUBE LATTICES FROM PCTR MEASUREMENTS	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	57-11-12	2060
BNL-0489, 097-126	FRENCH RESULTS ON THE NATURAL URANIUM-GRAPHITE LATTICES	KOECHLIN, J. C. / TANGUY, P. / ZALESKI, C. P.	57-11-12	2082
BNL-0489, 189-210	BUCKLING MEASUREMENTS WITH ENRICHED URANIUM IN GRAPHITE SYSTEMS	CLAYTON, E. D.	57-11-12	2061
BNL-0489, 217-223	PHYSICS EXPERIMENTS PERFORMED FOR AND ON SODIUM GRAPHITE REACTORS	BROWN, W. W. / CAMPBELL, R. W. / GUDERJAHN, C. A. / LAUBENSTEIN, R. A.	57-11-12	2083
BNL-0489, 239-274	A GRAPHITE MODERATED CRITICAL ASSEMBLY--CA-4	ZIMMERMAN, E. L.	57-11-12	2062
BNL-0489, 275-290	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS	KIRSCHBAUM, A. J.	57-11-12	2084
BNL-0489, 291-296	GRAPHITE MODERATED, GRAPHITE REFLECTED CRITICAL ASSEMBLIES	BYERS, C. C.	57-11-12	2063
BNL-0489, 297-302	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	57-11-12	2085
BNL-07293	SOME PROBLEMS IN THE INTERPRETATION OF EXPONENTIAL EXPERIMENTS	HELLENS, R. L. / ANDERSEN, E.	66-10-15	1118
BNL-50012-(T-434)	ORGANIC COOLED, HEAVY WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	66-08-25	803
BNL-50023-(S-69)	MINIMUM REFLECTION CRITICAL FACILITY	PHELPS, J.	66-12-31	822
BNL-50035-(T-449)	URANIUM-WATER LATTICE COMPILATION PART 1. BNL EXPONENTIAL ASSEMBLIES	PRICE, G. A.	66-12-30	818
BNL-RP-01 (F)	FS-1 CORES 2 AND 2A	PALMEDO, P. F. / WEINSTOCK, E. V.	69-08-12	1267
BNL-RP-02 (F)	PRELIMINARY FAST REACTOR HETEROGENEITY STUDIES IN FS-1	PALMEDO, P. F. / WEINSTOCK, E. V.	69-08-27	1483
BNL-RP-06 (F)	CEPFR-1A MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J. / COURT, A. J. / DOWNES, K.	69-09-22	1237
BNL-RP-07 (F)	CEPFR-1B MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J. / CONANT, J. / COURT, A. J. / DOWNES, K. / WINDSOR, H.	69-09-22	1239
BNL-RP-08 (F)	PLUTONIUM-ALUMINUM-WATER BUCKLING MEASUREMENTS	PRICE, G. A. / WINDSOR, H.	69-10-01	1238
BNL-RP-09 (F)	CEPFR-1C MEASUREMENTS AND ASSEMBLY DESCRIPTION	WINDSOR, H. / PHELPS, J. / CONANT, J.	69-10-00	1482
BNL-RP-1010	AN ANALYSIS OF FOUR METAL CORES USING ENDF/B VERSION 2 DATA	LUDEWIG, H.	70-06-00	860

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

BNL-RP-11 (F)	CEPFR-1 D MEASUREMENTS AND ASSEMBLY DESCRIPTION	WINDSOR, H./ PHELPS, J.	70-05-00	1309
BNL-RP-12 (F)	CEPFR-1E MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J./ WINDSOR, H.	70-05-00	1308
BNL-RP-13 (F)	CEPFR-1F MEASUREMENTS AND ASSEMBLY DESCRIPTION	WINDSOR, H./ PHELPS, J./ CHANDRAMOLESHWAR, K.	70-05-00	1307
BNL-RP-14 (F)	CEPFR-1-2 MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J./ WINDSOR, H./ CHANDRAMOLESHWAR, K.	70-05-00	1306
BNWL-0052	EXPONENTIAL EXPERIMENTS AND NEUTRON MULTIPLICATION MEASUREMENTS WITH 1.25 PERCENT ENRICHED N-REACTOR FUEL ELEMENTS IN LIGHT WATER	BROWN, C. L. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	65-03-00	750
BNWL-0095	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D.	65-00-00	756
BNWL-0149, 05-17	SUMMARY OF WATER MODERATED EXPERIMENTS WITH 1.8 WT% PLUTONIUM-ALUMINUM FUEL IN THE PRCF	LAUBY, J. H.	65-07-15	745
BNWL-0149, 27-32	PHYSICS ANALYSIS OF A URANIUM-ALUMINUM POLYETHYLENE SYSTEM	BUSSELMAN, G. J.	65-07-15	774
BNWL-0149, 33-35	PRELIMINARY ANALYSIS OF SOME PLUTONIUM-ALUMINUM POLYETHYLENE EXPERIMENTS IN THE PCTR	BUSSELMAN, G. J.	65-07-15	1176
BNWL-0149, 48-56	FOIL ACTIVATION STUDIES IN TWO PLUTONIUM CRITICAL SYSTEMS	SKEEN, D. R.	65-07-15	747
BNWL-0193, 45-56	MEASUREMENTS OF MATERIAL BUCKLINGS FOR 1.002, 1.25 AND 1.95 PERCENT WEIGHT URANIUM-235 ENRICHED URANIUM TUBE LATTICES IN LIGHT WATER	BROWN, C. L. / LLOYD, R. C.	65-10-15	777
BNWL-0193, 57-67	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS	WHITE, J. D. / RICHEY, C. R.	65-10-15	853
BNWL-0340, 09	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - URANIUM DIOXIDE FUEL RODS	UOTINEN, V. O. / WILLIAMS, L. D.	66-10-15	799
BNWL-0340, 46-49	NEUTRON SPECTRA EXPERIMENTS	BIERMAN, S. R. / HANSEN, L. E. / WOODRUFF, G. L. / LLOYD, R. C. / HESS, G. M.	66-10-15	1281
BNWL-0340, 49-50	PULSED NEUTRON SOURCE MEASUREMENTS - PLUTONIUM NITRATE SOLUTIONS	HESS, G. M. / BIERMAN, S. R.	66-10-15	1258
BNWL-0340, 51-56	NEUTRON INTERACTION EXPERIMENTS WITH BOTTLES OF URANIUM-233 SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D.	66-10-15	863
BNWL-0340, 56-58	BASIC CRITICALITY EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY	LLOYD, R. C. / CLAYTON, E. D.	66-10-15	864
BNWL-0347	MULTIGROUP ANALYSIS OF SELECTED FAST CRITICAL ASSEMBLIES	LITTLE, W. W. / HARDIE, R. W. / MAAS, L. L.	67-02-01	435
BNWL-0400	CRITICAL EXPERIMENTS IN PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES	UOTINEN, V. O. / WILLIAMS, L. D.	67-04-15	826
BNWL-0490	RATIONALE AND PLANS FOR THE FTR CRITICAL EXPERIMENTS PROGRAM	BENNETT, R. A. / HOFMANN, P. L.	67-06-20	444
BNWL-1138	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS, PART-1, ZPR-3 ASSEMBLY 51.	YOUNG, W. R. / BENNETT, R. A.	70-01-00	1897
BNWL-1139	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS, PART 2, ZPR-3 ASSEMBLIES 52A, B, C, D, E, AND F	YOUNG, W. R. / BENNETT, R. A.	70-02-00	874

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

BNWL-1240	NEUTRON FLUX SPECTRUM STUDIES IN THE PCTR FAST NEUTRON CAVITY	NEWMAN, D. F. / DAVENPORT, L. C.	69-11-30	1227
BNWL-1258	REFLECTOR SAVINGS FOR URANYL NITRATE OF LOW ENRICHMENT.	ROGERS, C. A. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	69-11-00	1883
BNWL-1481	CRITICAL EXPERIMENTS IN AN MTR MOCKUP USING PHOENIX FUEL.	DAVIS, E. C. / SMITH, R. I. / WILLIAMS, L. D.	70-06-00	1804
BNWL-1593	THE MTR-PHOENIX FUEL EXPERIMENT- CRITICAL TEST AND BURNUP RESULTS.	KUTCHER, J. W. / DAVIS, E. C.	71-06-00	1815
BNWL-2129	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTH OF MATERIALS COMMONLY ENCOUNTERED AS FIXED NEUTRON POISONS	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	76-10-00	1503
BNWL-B-338	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES	BIERMAN, S. R. / CLAYTON, E. D.	74-01-00	1705
BNWL-B-468	PROGRESS REPORT ON PLUTONIUM CRITICALITY STUDIES	CLAYTON, E. D.	76-02-00	1429
BNWL-B-482	SUMMARY OF CRITICALITY DATA OBTAINED AT BATTELLE PACIFIC NORTHWEST LABORATORIES ON FIXED AND SOLUBLE POISONS IN URANIUM + PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D.	76-04-00	1588
BNWL-SA-0232	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	66-00-00	283
BNWL-SA-1107	EXPERIMENTS AND CALCULATIONS FOR WATER- MODERATED ASSEMBLIES CONTAINING URANIUM DIOXIDE -- 2 WT% PLUTONIUM DIOXIDE FUEL RODS	UOTINEN, V. O. / WILLIAMS, L. D.	67-05-23	1890
BNWL-SA-4935	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM, URANIUM) DIOXIDE FUEL RODS	BROWN, C. L.	74-06-00	1701
BNWL-SA-5100	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM OXIDE -- PLUTONIUM OXIDE SOLIDS IN FISSION SOLUTION CONTAINING GADOLINIUM NITRATE	LLOYD, R. C. / CLAYTON, E. D.	74-07-00	1707
BULL. TOKYO INST. TECH. 96, 1-21	EXPERIMENTAL STUDIES ON 20 PERCENT ENRICHED URANIUM-LIGHT WATER ASSEMBLY. 3. CRITICAL BUCKLING MEASUREMENTS.	MITAKE, S. / WATARUMI, C. / MIYAWAKI, Y. / TAKEDA, E.	70-03-00	1730
CEA-1547	NEUTRONIC STUDY OF A PLUTONIUM REACTOR, PROSERPINE - CORRELATIONS BETWEEN NEUTRONS IN A CHAIN REACTION	TACHON, J.	60-00-00	722
CEA-2193	THE FAST BREEDER REACTOR RAPSODIE	ZALESKI, C. P. / VAUTREY, L.	61-10-23	332
CEA-2274	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / LECLERC, J. / VERRIERE, P.	63-00-00	201
CEA-2309	PROSERPINE - CRITICAL MASSSES AND STANDARDS	BERTRAND, J. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / VERRIERE, P.	63-00-00	376
CEA-2495	CRITICALITY EXPERIMENTS WITH ANNULAR CYLINDERS CONTAINING PLUTONIUM SOLUTIONS	MOLBERT, M. / SAUVE, A. / HOUELLE, M. / DEILGAT, E.	64-00-00	279
CEA-N-1276	CESAR AND CONCORDE. APPLICATION OF THE CONCORDE HEXAGONAL SYNTHESIS PROGRAM TO EXPERIMENTS ON THE CESAR CRITICAL REACTOR.	NGUYEN-NGOC, H. / CHARBONNEAU, S.	70-10-00	1867
CEA-N-1649	CRITICALITY OF 4% URANIUM-235 ENRICHED URANIUM URANYL FLUORIDE SOLUTIONS	LECORCHE, P. / MANGIN, D. / MAUBERT, L. / REVOL, H.	73-08-00	1692
CEA-N-1898	CRITICALITY OF PLUTONIUM NITRATE	COLOMB, G. / MANGIN, D. / MAUBERT, L.	76-09-00	1935

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

SOLUTIONS (19% PLUTONIUM-240)				
CEA-R-2452	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / MORET BAILLY, J. / VERRIERE, P.	62-00-00	714
CEA-R-2453	CRITICALITY EXPERIMENT ON A SOLUTION OF PLUTONIUM AND OF 90% ENRICHED URANIUM. EXPERIMENTAL RESULTS AND CALCULATIONS ON TANK NUMBER 2	BRUNA, J. G. / BRUNET, J. P. / CLOUET D'ORVAL, C. / KREMSER, J.	64-06-00	717
CEA-R-2477	CRITICAL EXPERIMENTS IN AQUILON WITH FUELS SLIGHTLY ENRICHED IN URANIUM 235 OR IN PLUTONIUM	NAUDET, R. / CHABRILLAC, M. / LEDANOIS, G. / LOURME, P.	64-08-00	723
CEA-R-2488	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM	ITHURRALDE, M. F. / KREMSER, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	64-08-00	280
CEA-R-2653	CRITICALITY STUDIES	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C. / CAIZERGUES, R. / MOREAU, J. / SOLIER, G.	64-00-00	281
CEA-R-2814	ALECTO - EXPERIMENTAL RESULTS WITH HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-239, URANIUM-235, AND URANIUM-233.	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / TELLIER, H. / VERRIERE, P.	65-00-00	285
CEA-R-3354	CRITICAL MASS, ROD WORTH VALUES, AND REACTIVITY COEFFICIENTS FOR RAPSODIE	STEVENS, L. / GOURDON, J.	67-10-00	127
CEA-R-3367	CRITICAL EXPERIMENTS WITH HOMOGENEOUS SOLUTIONS OF PLUTONIUM - EXPERIMENTAL RESULTS - THEORETICAL INTERPRETATIONS	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	67-12-00	65
CEA-R-3931	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSION-MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.	BARBRY, F. / BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	69-12-00	1898
CEA-R-3946	NEUTRON INTERACTION IN AIR BETWEEN CYLINDRICAL CONTAINERS HOLDING EITHER URANIUM OR PLUTONIUM SOLUTIONS	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / MAUBERT, L.	70-03-00	1461
CEA-R-4341	INTERPRETATION OF EXPERIMENTS ON AQUEOUS PLUTONIUM NITRATE SOLUTIONS.	CAIZERGUES, R.	72-06-00	1839
CF-0589	STUDIES IN A FIVE TON METAL PILE	SNELL, A. H. / BROLLEY, J. E. / LEVINGER, J. S. / WILKINSON, R.	43-04-17	1450
CF-1627	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	44-04-01	1451
CF-50-5-140	INTERIM REPORT OF NEUTRON AND GAMMA EXPERIMENTS ON THE MTR MOCK-UP	BEALL, S. E. / BREAZEALE, W. M. / BRIGGS, R. B. / CALLIHAN, A. D. / JORDAN, W. H.	50-05-11	2058
CF-55-5-189	PRELIMINARY CRITICAL TESTS USING AQUARIUM FUEL ELEMENTS IN THE BSR GRID	HENRY, K. M. / JOHNSON, E. B. / MAIENSCHIN, F. C.	55-05-31	2068
CISE-R-100	PRELIMINARY REPORT ON URANIUM METAL TUBE CLUSTER-HEAVY WATER LATTICE MEASUREMENTS. TOPICAL REPORT NO. 2.	ACCINNI, F. / PALAZZI, F. / ZORZOLI, G. B.	64-02-00	1871
CISE-R-101	URANIUM METAL-HEAVY WATER LATTICES- A GENERAL SURVEY. TOPICAL REPORT NO. 3.	BONALUMI, R. / ZORZOLI, G. B.	64-09-00	1876
CONF-660303	CALCULATIONS OF FAST CRITICAL EXPERIMENTS USING ENDF/B DATA AND A MODIFIED ENDF/B DATA FILE	PITTERLE, T. A. / PAGE, E. M. / YAMAMOTO, M.	68-03-04	1486
CONF-680909, 096-107	THE INTERACTION BETWEEN POISONED AND UNPOISONED ELEMENTS IN A PERIODIC SLAB-	ROTHE, R. E.	68-09-23	984

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

CELL ARRAY

CONF-680909, 108-112	LIVERMORE PLUTONIUM ARRAY PROGRAM	FINN, H. F. / PRUVOST, N. L.	68-09-23	985
CONF-690102, 95	GODIVA IV	WIMETT, T. F. / WHITE, R. H. / WAGNER, R. G.	69-12-00	1389
CONF-690634, 040-049	ARGONNE NATIONAL LABORATORY CRITICAL EXPERIMENT PROGRAM.	TILL, C. E. / DAVEY, W. G. / LEWIS, R. A. / PALMER, R. G.	69-06-24	1791
CONF-690634, 094-100	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.	KIEFHABER, E. / KUESTERS, H. / SCHMIDT, J. J. / BACHMANN, H. / KRIEG, B. / STEIN, E. / THIEM, D. / WAGNER, K. / HINKELMANN, B. / SIEP, I.	69-06-24	1794
CONF-690634, 165-179	LESSONS DRAWN FROM INTEGRAL EXPERIMENTS ON A SET OF MULTIGROUP CROSS SECTIONS.	BARRE, J. Y. / HEINDLER, M. / LACAPELLE, T. / RAVIER, J.	69-06-24	1795
CONF-710301, 1, 44-50	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.	PAIK, N. C. / PITTERLE, T. A. / DURSTON, C.	71-08-00	1822
CONF-710301, 1, 58-64	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.	HUNTER, R. E. / CREMER, C. C. / WORLTON, D. R.	71-08-00	1823
CONF-710301, 1, 72-78	ADJUSTMENTS TO ENDF/B, VERSION II DATA WHICH IMPROVE THE AGREEMENT BETWEEN CALCULATED AND MEASURED PARAMETERS FOR FAST BENCHMARK CRITICAL ASSEMBLIES.	COWAN, C. L. / HUTCHINS, B. A. / TURNER, J. E.	71-08-00	1824
CP-2842	WATER LATTICE EXPERIMENTS	BRANCH, G. / JONES, H. / RUSH, J. H. / WEINBERG, A. M.	45-10-26	1984
CRIT/OP/3	MEASUREMENT OF THE CRITICAL MASS OF 37.5% ENRICHED URANIUM REFLECTED BY WOOD, CONCRETE, OR POLYTHENE	LANE, R. C. / THOMAS, A. F.	63-10-09	1446
CRRP-648	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM DIAMETER URANIUM METAL RODS IN HEAVY WATER	OKAZAKI, A. / ALLEN, D. F. / HONE, D. W.	59-01-00	2100
DEG MEMO.-633 (D)	CRITICALITY OF 30 PERCENT ENRICHED URANIUM SOLUTIONS IN CYLINDRICAL GEOMETRY. INTERIM REPORT	SMITH, J. C. / PARKER, A. V. / WALFORD, J. G. / WHITE, C.	60-03-00	639
DP-059	ONE-GROUP ANALYSIS OF CRITICALITY EXPERIMENTS	CLARK, H. K.	54-11-00	1938
DP-312	INTERACTION OF SUBCRITICAL COMPONENTS	CLARK, H. K.	58-11-00	694
DP-777	MEASURED LATTICE PARAMETERS FOR NATURAL URANIUM METAL ROD LATTICES IN HEAVY WATER	HURLEY, T. J.	63-08-00	654
DP-868	COMPARISON OF A SIMPLE THEORETICAL TREATMENT OF CRITICAL ARRAYS OF FISSIONABLE UNITS WITH EXPERIMENT	CLARK, H. K.	64-01-00	481
DP-873	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY WATER MODERATED, ORGANIC OR WATER COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS	BENTON, F. D.	64-06-00	716
DP-MS-73-41	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG-PAIRS CONTAINING 1.1 WT% URANIUM-235	SMOTREL, J. R.	73-11-00	1694
DP-MS-77-49	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER	PELLARIN, D. J. / JARRIEL, J. L.	77-11-27	1455
DR-1014	CRITICAL AND SAFE MASSES AND DIMENSIONS OF LATTICES OF URANIUM AND URANIUM DIOXIDE RODS IN WATER	CLARK, H. K.	66-02-00	2087
EACRP-L-62, VOLS. 1 AND 2	NEUTRON SPECTRA	NONE	65-10-00	1171

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

EACRP-L-77	MODIFICATIONS TO FISSILE ELEMENT CROSS SECTIONS AND THEIR INFLUENCE ON CALCULATED FAST REACTOR PARAMETERS	KALLFELZ, J. M. / ZOLOTAR, B. A. / SEHGAL, B. R.	69-10-00	1388
ENEA-KARLS.-1961, 367-392	NUCLEAR SAFETY IN CHEMICAL AND METALLURGICAL PROCESSING OF PLUTONIUM	CLAYTON, E. D.	61-11-00	1440
ENEA-KARLS.-1961, 553-588	THE EQUIPMENT AND METHODS USED IN BRITISH CRITICALITY LABORATORIES	JONES, A. F. / WALFORD, J. G.	61-00-00	334
ENEA-KARLS.-1961, 589-614	EXPERIMENTS FOR CRITICALITY CONTROL	CALLIHAN, A. D.	61-11-00	340
EUR-4362	COMPARATIVE ANALYSIS OF CRITICAL AND EXPONENTIAL EXPERIMENTS BY HETEROGENEOUS METHODS.	CASINI, G. / PAILLON, M.	70-00-00	1812
EUR-4676	ANALYSIS OF CRITICAL EXPERIMENTS ON THE SORA MOCKUP BY THE S-N METHOD.	ASAOKA, R.	71-07-00	1833
EURAC-1882	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	67-00-00	820
EURAC-1882(ANNEX)	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	67-00-00	2052
EURFNR-0858	EVALUATION OF FAST CRITICAL EXPERIMENTS USING RECENT METHODS AND DATA.	KIEFHABER, E. / SCHMIDT, J. J.	70-09-00	1801
EURFNR-0861	FAST REACTOR LATTICE EXPERIMENT FOR INVESTIGATION OF K(INF) AND REACTION RATE RATIOS IN SNEAK, ASSEMBLY 5.	BOEHNEL, K. / MEISTER, H.	70-06-00	1805
EURFNR-1193	PHYSICS INVESTIGATIONS OF TWO PLUTONIUM-FUELED FAST CRITICAL ASSEMBLIES: SNEAK-7A AND 7B	FISCHER, E. A. / MC GRATH, P. E.	74-03-00	1708
GA-7102	HAZARDS SUMMARY REPORT FOR APFA-III	CROSBIE, K. L. / RUSSELL, J. L.	66-04-07	1191
GA-8280,135-145	STUDIES IN URANIUM-235	NONE	67-10-30	1189
GA-8767	FAST CRITICAL EXPERIMENTS IN SUPPORT OF THERMIONIC REACTOR PHYSICS	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L. / SARGIS, D. A. / SHARP, R.	68-08-26	1489
GA-8847	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY 48 USING ENDF/B CROSS SECTIONS	SARGIS, D. A. / BAXTER, A. / ARCHIBALD, R.	68-09-22	1370
GA-9100	THE NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT ASSEMBLY NO. 1	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	68-12-13	1186
GA-9140	(FAST REACTOR SPECTRUM MEASUREMENTS QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1968)	PRESKITT, C. A. / D'OULTREMONT, P. / NEILL, J. M. / YOUNG, J. C.	68-11-01	1091
GA-9386	FAST REACTOR SPECTRUM MEASUREMENTS. QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OULTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	69-05-15	1365
GAMD-2837	EXPERIMENTS AND ANALYSIS ON BERYLLIUM OXIDE MODERATED CORES CONTAINING HYDROGEN	WRIGHT, W. B. / BARDES, R. G.	62-01-22	2053
GAMD-8067	AN EVALUATION OF URANIUM-233 CROSS SECTIONS WITH NUMERICAL ANALYSIS OF INTEGRAL EXPERIMENTS	TRAYLOR, R. C.	68-09-26	1304
GAT-189	CRITICAL GEOMETRIES FOR BARE CYLINDERS	POND, J. A.	56-07-20	474

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

GEAP-04594	SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR DEVELOPMENT PROGRAM	HORST, K. M.	64-07-00	99
GEAP-13588	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.	NOBLE, L. D. / MITZEL, F. / SARMA, B. / WINTZER, D. / LU, Y. S. / KESSLER, G. / PFLASTERER, G. R. / BECKER, R. A. / MANSUR, L.	70-03-00	1932
GEAP-14001	EVALUATION AND ANALYSIS OF ZPPR ASSEMBLY 3 CRITICAL EXPERIMENTS	STEWART, S. L. / HARTMAN, A. K. / CRICK, S. C.	74-04-00	1704
GEMP-629	CAVITY REACTOR CRITICAL EXPERIMENT PROGRESS REPORT FOR THE PERIOD INCEPTION THROUGH JULY 31, 1968	NONE	68-08-08	1134
GENEVA-1, 05, 145-155	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES	CALLIHAN, A. D. / MORFITT, J. W. / THOMAS, J. T.	55-08-00	325
GENEVA-1, 05, 156-161	PLUTONIUM - WATER CRITICAL ASSEMBLIES	HORTON, C. C. / MC CULLEN, J. D.	55-08-00	364
GENEVA-1, 05, 162-171	THE CRITICAL ASSEMBLY--A NUCLEAR DESIGN TOOL	SNYDER, T. M.	55-08-00	1951
GENEVA-1, 05, 183-202	EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	55-08-00	1019
GENEVA-1, 05, 203-214	PRESSURISED WATER REACTOR (P.W.R.) CRITICAL EXPERIMENTS	KRASIK, S. / RADKOWSKY, A.	55-08-00	469
GENEVA-1, 05, 239-241	SOME EXPERIENCES ON AN EXPONENTIAL PILE OF URANIUM AND HEAVY WATER	PERSSON, R. / BUSTRAAN, M. / BLOMSJO, E.	55-08-00	1952
GENEVA-1, 05, 268-278	EXPONENTIAL EXPERIMENTS ON DEUTERIUM- OXIDE--URANIUM LATTICES	COHEN, E. R.	55-08-00	1953
GENEVA-1, 05, 288-294	NORMAL URANIUM, GRAPHITE-MODERATED REACTORS: A COMPARISON OF THEORY AND EXPERIMENT--WATER COOLED LATTICES	GAST, P. F.	55-08-00	1038
GENEVA-1, 05, 309-316	EXPONENTIAL EXPERIMENTS IN GRAPHITE SYSTEMS	DAVENPORT, D. E.	55-08-00	1018
GENEVA-1, 05, 342-346	THE FAST EXPONENTIAL EXPERIMENTS	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	55-08-00	1954
GENEVA-1, 05, 423-432	COMPARISON OF THEORY AND EXPERIMENT FOR INTERMEDIATE ASSEMBLIES	HURWITZ, H. / EHRLICH, R.	55-08-00	331
GENEVA-2, 12, 084-088	PROPERTIES OF ELEMENTARY FAST-NEUTRON CRITICAL ASSEMBLIES	HANSEN, G. E.	58-09-00	324
GENEVA-2, 12, 119-141	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3	LONG, J. K. / LOEWENSTEIN, W. B. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	58-09-00	354
GENEVA-2, 12, 142-150	PHYSICS CONSIDERATIONS IN THE DESIGN OF INTERMEDIATE ENERGY SPECTRUM REACTORS	STEWART, H. B. / HOFMANN, P. L. / STORM, M. L. /	58-09-00	1946
GENEVA-2, 12, 166-181	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	58-09-00	2088
GENEVA-2, 12, 351-363	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	58-09-00	1947
GENEVA-2, 12, 364-373	EXPONENTIAL EXPERIMENTS ON HEAVY WATER NATURAL URANIUM METAL AND OXIDE LATTICES	PERSSON, R. / BLOMSJO, E. / ANDERSEN, E. / ASPELUND, O. / DODERLEIN, J.	58-09-00	1948
GENEVA-2, 12, 392-394	A BARE CRITICAL ASSEMBLY OF NATURAL URANIUM AND HEAVY WATER	POPOVIC, D.	58-09-00	592

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

GENEVA-2, 12, 402-413	PROPERTIES OF EXPONENTIAL AND CRITICAL SYSTEMS OF THORIA-URANIA AND HEAVY WATER AND APPLICATION TO REACTOR DESIGN	REDMAN, W. C. / THIE, J. A.	58-09-00	464
GENEVA-2, 12, 446-482	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	58-09-00	1086
GENEVA-2, 12, 514-517	EXPONENTIAL EXPERIMENTS WITH ORGANIC MODERATED URANIUM LATTICES	BROWN, W. W.	58-09-00	1949
GENEVA-2, 12, 529-538	EXPERIMENTAL AND THEORETICAL STUDIES OF UNREFLECTED AQUEOUS URANIUM-235 CRITICAL ASSEMBLIES	GWIN, R. / TRUNBEY, D. K. / WEINBERG, A. M.	58-09-00	377
GENEVA-2, 12, 539-562	PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM	BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.	58-09-00	291
GENEVA-2, 12, 571-579	PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR	KRASNIN, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHEMKOV, A. P.	58-09-00	467
GENEVA-2, 12, 585-606	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	58-09-00	591
GENEVA-2, 12, 632-642	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS	REYNOLDS, H. L.	58-09-00	273
GENEVA-2, 12, 666-684	NATURAL URANIUM-GRAPHITE LATTICES	BACHER, P. / KOECHLIN, J. C. / DE MAZANCOURT, R. / TESTE DU BAILLER, A. / ZALESKI, C. P.	58-09-00	1950
GENEVA-2, 12, 747-762	RESEARCH EXPERIENCE WITH PLASTIC MODERATED CRITICAL ASSEMBLIES	JANKOWSKI, F. J.	58-09-00	739
GENEVA-3, 03, 241-247	INVESTIGATION ON SYSTEM WITH ZIRCONIUM HYDRIDE MODERATOR	PONOMAREV-STEPNOI, N. N. / SMIRNOV, O. N. / KULEVA, R. V.	64-09-00	693
GENEVA-3, 06, 124-136	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	64-09-00	1003
GENEVA-3, 06, 152-169	EXPERIMENTAL STUDIES ON FAST-NEUTRON REACTOR PHYSICS	BONDARENKO, I. I. / KAZACHKOVSKII, O. D. / ABAGYAN, L. P. / ABORIN, YU. S. / BAZAZYANTS, N. O. / ET AL	64-09-00	588
GENEVA-3, 13, 234-243	CRITICALITY STUDIES	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C.	64-09-00	1463
GENEVA-3, 13, 254-263	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY	DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	64-09-00	692
GESP-129	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-III	PINCOCK, G. D. / KUNZE, J. F.	68-11-15	1314
HEDL-TME-71-41	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS. PART 4. ZPR-3 ASSEMBLY 56B.	ENGSTROM, S. L. / BENNETT, R. A.	71-05-00	1816
HW-24512	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	60-02-15	1077
HW-24514 (DEL)	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	60-02-15	13
HW-40930	EXPONENTIAL PILE MEASUREMENTS IN WATER	CLAYTON, E. D.	56-01-16	645

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

MODERATED LATTICES WITH ENRICHED URANIUM-WATER ROD LATTICES				
HW-43441, 33-36	ENRICHED URANIUM - GRAPHITE LATTICES	CLAYTON, E. D./ LLOYD, R. C.	56-05-31	810
HW-43441, 37	CLUSTER ROD LATTICES WITH NATURAL URANIUM	BLOCK, E. Z.	56-05-31	871
HW-47012	ENRICHED URANIUM, GRAPHITE LATTICES	LLOYD, R. C.	56-11-05	811
HW-47012, 12-19	BUCKLING MEASUREMENTS WITH ENRICHED FUEL ELEMENTS IN LIGHT WATER	BLOCK, E. Z./ CLAYTON, E. D.	56-11-00	872
HW-48893	ENRICHED URANIUM - WATER LATTICES	BLOCK, E. Z.	57-03-06	812
HW-48893	ENRICHED URANIUM - GRAPHITE LATTICES	LLOYD, R. C.	57-03-06	873
HW-51168	EXPERIMENTS TO DETERMINE THE INFINITE MULTIPLICATION FACTORS OF ENRICHED URANYL FLUORIDE-WATER MIXTURES	HANDLER, H. E.	57-07-01	646
HW-51983	BUCKLING MEASUREMENTS WITH ENRICHED HOLLOW FUEL ELEMENTS IN LIGHT WATER PHYSICS RESEARCH QUARTERLY REPORT	CLAYTON, E. D./ BLOCK, E. Z.	57-08-00	1087
HW-54591	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN A RANDOM ARRAY, WATER MODERATED NUCLEAR PHYSICS RESEARCH QUARTERLY REPORT	LLOYD, R. C.	58-03-05	1088
HW-55879, 09-11	NUCLEAR SAFETY SPECIFICATIONS FOR ENRICHED URANIUM IN THE 1.25-2 PERCENT RANGE	LLOYD, R. C.	58-04-29	814
HW-55879, 12	BUCKLING MEASUREMENTS FOR FUEL ELEMENTS IN A RANDOM ARRAY	LLOYD, R. C.	58-04-29	876
HW-55879, 16-23	PLUTONIUM SPIKE ENRICHMENT	ENGESSER, F. C./ LILLEY, J. R.	58-04-29	877
HW-55879, 24-25	K(INF) MEASUREMENTS FOR A THREE PIECE, ANNULAR URANIUM DIOXIDE FUEL ELEMENT IN AN 8 INCH TRIANGULAR HEAVY WATER LATTICE	LILLEY, J. R./ ENGESSER, F. C.	58-04-29	878
HW-56919	CRITICALITY PARAMETERS FOR LATTICES WITH 1.6 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER	LLOYD, R. C./ CLAYTON, E. D./ HANDLER, H. E.	58-07-21	879
HW-57853	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN RANDOM ARRAYS	LLOYD, R. C.	58-10-00	1122
HW-57861	CRITICALITY MEASUREMENTS ON HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS	LLOYD, R. C./ SMITH, R. B.	58-10-20	238
HW-59126	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS	LLOYD, R. C. / SMITH, R. B., / CLAYTON, E. D.	59-01-20	239
HW-60220, 27-32	MATERIAL BUCKLINGS OF GRAPHITE-URANIUM LATTICES	ENDRES, G. W. R./ WOOD, D. E.	59-04-20	817
HW-60220, 35-45	MEASUREMENT OF K(INF) FOR 2 PERCENT ENRICHED URANIUM TETRAFLUORIDE-PARAFFIN MIXTURE	NEELEY, V. I.	59-04-20	880
HW-60220, 47-51	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS	LLOYD, R. C./ SMITH, R. B./ CLAYTON, E. D.	59-04-20	881
HW-60220, 52-54	MEASUREMENTS OF K(INF) FOR 3 PERCENT ENRICHED URANIUM FLUORIDE-HYDROGEN MODERATED SYSTEMS	NEELEY, V. I./ BERBERET, J. A.	59-04-20	882
HW-60220, 55-57	EXPONENTIAL MEASUREMENTS WITH 1.25 PERCENT ENRICHED URANIUM	LLOYD, R. C.	59-04-20	883

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

HW-61181, 52-58	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	59-07-00	1126
HW-62031	A COMPARISON OF PCTR AND CRITICAL EXPERIMENT DETERMINATION OF K(INF) FOR 2 WEIGHT PERCENT URANIUM-235. ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN	NEELEY, V. I.	59-09-22	647
HW-62727	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEM	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	59-10-20	240
HW-63576, 65-69	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM AND WATER SYSTEMS	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B. / NEELEY, V. I.	60-01-20	187
HW-64866, 137-142	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	60-04-20	2012
HW-64866, 143-147	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 3.1% ENRICHED URANIUM RODS IN LIGHT WATER	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	60-04-20	2015
HW-64866, 148-149	EXPONENTIAL EXPERIMENTS WITH POISONED MODERATOR	LLOYD, R. C.	60-04-20	2014
HW-64866, 150-151	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM - WATER SYSTEMS	LLOYD, R. C.	60-04-20	2013
HW-65552	SUMMARY LISTING OF SUBCRITICAL MEASUREMENTS OF HETEROGENEOUS WATER-URANIUM LATTICES MADE AT HANFORD	LLOYD, R. C.	60-06-08	130
HW-66215, 30-33	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 2.00 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER	LLOYD, R. C. / CLAYTON, E. D. / JONES, B. L.	60-07-20	188
HW-66882	K(INF) OF THREE WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TRIOXIDE AND URANYL NITRATE HYDROGENOUS SYSTEMS	NEELEY, V. I. / BERBERET, J. A. / MASTERSON, R. H.	61-09-00	175
HW-69525	MATERIAL BUCKLING MEASUREMENTS ON GRAPHITE-URANIUM SYSTEMS AT HANFORD: A SUMMARY TABULATION	WOOD, D. E.	61-05-00	1988
HW-70310	MEASUREMENT OF MULTIPLICATION CONSTANT FOR SLIGHTLY ENRICHED HOMOGENEOUS URANIUM TRIOXIDE - WATER MIXTURES AND MINIMUM ENRICHMENT FOR CRITICALITY	NEELEY, V. I. / HANDLER, H. E.	61-08-21	166
HW-70944	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY ROD IN LIGHT WATER	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	61-08-29	192
HW-71747	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	CLAYTON, E. D.	61-10-13	356
HW-73116	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. / REARDON, W. A.	62-04-16	362
HW-74190	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D.	62-07-16	361
HW-75228	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R.	62-10-25	360
HW-76128	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D.	63-01-15	359
HW-77089	THE LIMITING CRITICAL CONCENTRATIONS FOR PLUTONIUM-239 AND URANIUM-235 IN AQUEOUS SOLUTIONS	MASTERSON, R. H. / WHITE, J. D. / POWELL, T. J.	63-03-27	172

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

HW-77311	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	63-04-15	358
HW-77311, 40-47	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	63-00-00	329
HW-77871	SUBCRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D.	63-00-00	366
HW-79054	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / BIERMAN, S. R. / GARLID, K. L. / SKEEN, D. R.	63-10-15	367
HW-80020, 31-37	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	64-01-15	970
HW-81659, 04-09	EXPERIMENTS WITH PLUTONIUM DIOXIDE- URANIUM DIOXIDE FUEL ELEMENTS IN LIGHT WATER	SCHMID, L. C. / STINSON, W. P. / LIKALA, R. C. / WORDEN, J. R.	64-04-15	735
HW-81659, 26-32	AN ANALYSIS OF URANIUM FUELED LIGHT WATER MODERATED CRITICAL EXPERIMENTS	LIKALA, R. C. / WORDEN, J. R. / REARDON, W. A.	64-04-15	809
HW-81659, 33-44	AN ANALYSIS OF PLUTONIUM LIGHT WATER CRITICAL EXPERIMENTS	WORDEN, J. R. / LIKALA, R. C. / REARDON, W. A.	64-04-15	815
HW-81659, 45-48	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	64-04-15	816
HW-83187, 10-20	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SPHERICAL GEOMETRY	LLOYD, R. C. / SKEEN, D. R. / CLAYTON, E. D.	64-07-15	827
HW-83603	PROGRESS IN PLUTONIUM CRITICAL MASS PHYSICS, 1961-1964	CLAYTON, E. D.	64-10-00	487
HW-84608	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS	WHITE, J. D. / RICHEY, C. R.	65-00-00	752
IAEA-AMST.-1963, 1, 469-479	PULSED SOURCE MEASUREMENTS ON A URANIUM- WATER SUBCRITICAL ASSEMBLY	GIBSON, I. H. / WALKER, J.	64-00-00	1997
IAEA-AMST.-1963, 1, 457-467	EXPONENTIAL EXPERIMENTS WITH WATER AND NATURAL URANIUM	MANSFIELD, W. K. / KIM, J. M.	63-09-00	1996
IAEA-AMST.-1963, 2, 391-445	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	63-09-00	1995
IAEA-AMST.-1963, 2, 575-586	PULSED NEUTRON MEASUREMENTS ON A HEAVY WATER REACTOR AT ZERO ENERGY	KUCHLE, M.	63-09-06	1496
IAEA-AMST.-1963, 2, 109-146	MASSACHUSETTS INSTITUTE OF TECHNOLOGY EXPONENTIAL STUDIES OF LOW-ENRICHMENT, HEAVY-WATER LATTICES	KAPLAN, I. / LANNING, D. D. / PROFIO, A. E. / THOMPSON, T. J.	63-09-00	1993
IAEA-AMST.-1963, 2, 233-256	THE CRITICAL FACILITY KRITO	COEHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F.	63-09-00	1994
IAEA-AMST.-1963, 3, 035-061	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	63-09-00	1992
IAEA-KARLS.-1965, 2, 193-218	STUDY OF SOLID-MODERATED ENRICHED URANIUM EPITHERMAL SYSTEMS BY THE PULSED NEUTRON TECHNIQUE	MORTON, J. R.	65-05-00	609
IAEA-STOCK.-1965, 149-175	EXPERIMENTAL AND CALCULATED SYSTEM CRITICALITY	THOMAS, J. T.	65-11-00	755
IAEA-STOCK.-1965, 177-191	MEASUREMENTS OF THE CRITICAL PARAMETERS OF UNDERMODERATED URANIUM-HYDROGEN MIXTURES AT INTERMEDIATE ENRICHMENTS	LANE, R. C.	65-11-00	72

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

IAEA-STOCK.-1965, 193-213	EXPERIMENTAL RESEARCH IN FRANCE ON CRITICALITY PROBLEMS	CLOUET D'ORVAL, C./ DEILGAT, E./ HONELLE, M./ LECORCHE, P.	65-11-00	780
IAEA-STOCK.-1965, 215-233	CRITICALITY RESEARCH ON PLUTONIUM	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	65-11-00	779
IAEA-STOCK.-1965, 235-248	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS CARRIED OUT WITH PLUTONIUM- 239, URANIUM-235 AND URANIUM-233	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / VERRIERE, P.	65-11-00	781
IAEA-STOCK.-1965, 249-266	INTERPRETATION OF EXPERIMENTAL RESULTS OBTAINED AT THE VALDUC CRITICALITY STATION	CAIZERGUES, R./ FIEGEL, A./ ITHURRALDE, M. F.	65-11-00	282
IAEA-STOCK.-1965, 267-278	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANYL NITRATE AND INTERACTION OF SUBCRITICAL HOMOGENEOUS REACTORS	DUBOVSKII, B. G./ ET AL	65-11-00	405
IAEA-STOCK.-1965, 315-335	INTERACTION IN ARRAYS OF FISSIONABLE MATERIALS	KOLAR, O. C. / MORTON, J. R. / PRUVOST, N. L.	65-11-00	768
IAEA-VIENNA-1961, 097-110	THE SENSITIVITY OF CALCULATED CRITICAL MASSES OF SMALL FAST SYSTEMS TO CHANGES IN THE URANIUM-235 AND URANIUM-238 NEUTRON-SCATTERING DATA	PENDLEBURY, E. D.	61-08-00	436
IAEA-VIENNA-1961, 253-262	INTEGRAL EXPERIMENTS ON FAST SYSTEMS OF PLUTONIUM, URANIUM AND THORIUM	MC ENHILL, J. J./ WEALE, J. W.	61-08-00	75
IAEA-VIENNA-1961, 263-270	CRITICAL EXPERIMENTS AND NUCLEAR CALCULATIONS-LAMPRE-I	BATTAT, M. E.	61-08-00	400
IAEA-VIENNA-1961 271-285	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS	LONG, J. K./ BAKER, A. R./ GEMMELL, W./ KEENEY, W. P./ MC VEAN, R. L./ THALGOTT, F. W.	61-08-00	398
IAEA-VIENNA-1961, 287-293	THE EPITHERMAL CRITICAL EXPERIMENTS	MOREWITZ, H. A./ CARPENTER, S. G.	61-08-00	402
IAEA-VIENNA-1961, 295-312	DESIGN AND CONSTRUCTION OF THE ARGONNE FAST CRITICAL FACILITY (ZPR-6)	KATO, W. Y./ DATES, L. R.	61-08-00	397
IAEA-VIENNA-1961, 313-319	DESCRIPTION OF RACHEL CRITICAL ASSEMBLY	BOUREGEOIS, P./ CLAIR, C./ COMTE, C. / LONG, J. J.	61-08-00	391
IAEA-VIENNA-1961, 321-325	NEUTRON PROPERTIES OF RACHEL CRITICAL ASSEMBLY	CLAIR, C.	61-08-00	394
IAEA-VIENNA-1961, 327-343	EXPERIMENTAL STUDIES OF SOME OF THE PHYSICAL FEATURES OF BERYLLIUM- MODERATED INTERMEDIATE REACTORS.	LYEPOONSKI, A. I. / KOENYETSOB, V. A. / ARTUKHOB, G. YA. / MOGILNYER, A. I. / PROKHOROV, U. A. / STEKLOVSKIE, V. M. / CHYENOV, L. A.	61-08-00	437
IAEA-VIENNA-1961, 403-412	NEUTRON PROPAGATION IN THE NICKEL SCREEN OF FAST REACTOR.	NIKOLAYEV, M. N. / GOLOOBYEV, V. I. / ABAGYAN, A. A. / ORLOV, M. U.	61-08-00	404
IAEA-VIENNA-1961, 415-434	INTEGRAL PHYSICS DATA FOR FAST-REACTOR DESIGN	LOEWENSTEIN, W. B./ MENEGHETTI, D.	61-08-00	403
IAEA-VIENNA-1961, 445-455	STATUS OF COMPUTATIONAL AND EXPERIMENTAL CORRELATION FOR LOS ALAMOS FAST NEUTRON CRITICAL ASSEMBLIES	HANSEN, G. E.	61-08-00	344
IAEA-VIENNA-1961, 457-487	RECENT ADVANCES AND PROBLEMS IN THEORETICAL ANALYSES OF ZPR-3 FAST CRITICAL ASSEMBLIES	MENEGHETTI, D.	61-08-00	396
IDO-28631	ARMY GAS COOLED REACTOR SYSTEMS PROGRAM SUMMARY OF NUCLEAR PHYSICS EXPERIMENTS	QUILICI, R. E.	65-01-00	748
IN-1120	COMPARISON OF ORNL CLEAN CRITICAL EXPERIMENTS WITH CALCULATIONS	FOX, J. K.	67-09-00	104

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

INR-1288	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART 1:	DABROWSKI, C./ MALEWSKI, S.	71-00-00	1814
INR-1456/9A/PR/A	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART-2	MALEWSKI, S. / DABROWSKI, C.	73-00-00	1941
J. NUC. SCI. TECH., 06, 035-042	STUDIES OF THE CRITICALITY OF 20 PERCENT ENRICHED URANIUM FAST CRITICAL ASSEMBLIES (FCA-I)	HIROTA, J./ NOMOTO, S./ HIRAKAWA, N. / NAKANO, M.	69-01-00	1142
JAABA, 02, 141	REACTOR PARAMETERS OF A LIGHT WATER-NORMAL URANIUM LATTICE (LETTER)	KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V.	55-11-00	1957
JAABA, 04, 520-521	A BERYLLIUM MODERATED REACTOR (LETTER)	KRASNIN, A. K. / DUBOVSKY, B. G.	57-04-00	1956
JAABA, 13, 112-127 (ANL-TRANS-787)	MEASUREMENTS OF BUCKLINGS BY THE PROGRESSIVE REPLACEMENT METHOD.	BACHER, P./ NAUDET, R.	61-00-00	1873
JAABA, 15, 120-129	PLEXIGLAS AND GRAPHITE MODERATED PLUTONIUM ASSEMBLIES	GOODWIN, A. / SCHUSKE, C. L.	61-00-00	330
JAABA, 19, 291-298	STUDY OF A CRITICAL ASSEMBLY CONTAINING A BERYLLIUM MODERATOR	PONOMAREV-STEPNOI, N. N./ LOMAKIN, S. S.	65-04-00	834
JAABA, 19, 775-781	CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS OF URANIUM NITRATE	DUBOVSKII, B. G. / KAMAEV, A. V. / KUZNETSOV, F. M. / VLADYKOV, G. M. / POPOV, G. A. / PALAMARCHUK, YU. D.	65-00-00	759
JAABA, 20, 017-024	A MONTE CARLO ANALYSIS OF SOME ENRICHED URANIUM-235 FAST CRITICAL ASSEMBLIES	BENZI, V./ CUPINI, E./ DE MATTEIS, A.	65-06-10	1273
JAABA, 23, 663-672	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL ENRICHED URANIUM ASSEMBLIES	TUCK, G.	69-12-00	653
JAABA, 25, 241-251	PLUTONIUM METAL CRITICALITY MEASUREMENTS.	HUNT, D. C./ BOSS, M. R.	71-06-00	1642
JBNSA, 03, 311-319	PULSED SOURCE METHODS IN FAST REACTOR PHYSICS	WEALE, J. W. / PATERSON, W. J.	64-00-00	304
K-0126	CRITICAL MASS STUDIES, PART-2	BECK, C. K./ CALLIHAN, A. D. / MURRAY, R. L.	64-00-00	294
K-0343	CRITICAL MASS STUDIES, PART-3	BECK, C. K./ CALLIHAN, A. D./ MORFITT, J. W./ MURRAY, R. L.	49-04-19	162
K-0406	CRITICAL MASS STUDIES, PART-4	CALLIHAN, A. D./ CRONIN, D. F./ FOX, J. K./ MACKLIN, R. L./ MORFITT, J. W.	49-11-28	79
K-0643	CRITICAL MASS STUDIES, PART-5	CALLIHAN, A. D./ CRONIN, D. F./ FOX, J. K./ MORFITT, J. W.	50-06-30	71
K-0644	CRITICALITY TEST ON P-10 ALLOY SLUGS	CALLIHAN, A. D. / MC LENDON, J. D. / MORFITT, J. W.	50-07-11	2045
K-1478	EXTENSIONS OF NEUTRON INTERACTION CRITERIA	HENRY, H. F./ NEWLON, C. E./ KNIGHT, J. R.	61-07-11	456
KAPL-329, PART 1.	ACTIVATION EXPERIMENTS IN THE KAPL PRELIMINARY PILE ASSEMBLIES	STEWART, H. B./ GAVIN, G. B.	50-09-20	244
KAPL-M-JBP-1	COMPOSITION OF FPR-1, 2, 2A, AND 3A	PANISZCZYN, J. B.	56-05-24	2056
KAPL-P-3847	STATIC MEASUREMENTS PREPARATORY TO SPACE-TIME KINETICS EXPERIMENTS IN THE SHA.	RYDIN, R. A./ BURKE, J./ FEINER, F./ SEEMANN, K. W./ STACEY, W. M.	69-00-00	1877
KERNERGIE, 13, 6-11	CRITICAL EXPERIMENTS AND ZERO-POWER MEASUREMENTS WITH THE CRITICAL FACILITY "RAKE" FOR THE POWER LEVEL INCREASING OF THE RFR REACTOR.	ENDLER, A.	70-01-00	1799
KFK-793	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH	KUSTERS, H./ SCHMIDT, J. J./ BROEDERS, C. H. M./ EISEMANN, E./	68-11-00	1179

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

	GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE	METZENROTH, M. / SCHROETER, K. E. / THIEM, D.		
KFK-899	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION	BORGWALDT, H. / EDELMANN, M. / HABERMANN, F. W. A. / KUBMAUL, G. / MEISTER, H. / SEIFRITZ, W. / STEGEMANN, D.	68-12-00	1180
KFK-939	THE INFLUENCE OF NUCLEAR DATA UNCERTAINTIES ON PROPERTIES OF CRITICAL ASSEMBLIES	BROEDERS, C. H. M.	69-01-00	1303
KY-294	A GENERALIZED AND CONSISTENT METHOD FOR CALCULATING THE CRITICAL MASS OF HOMOGENEOUS AQUEOUS URANYL FLUORIDE SOLUTIONS	HERMANN, O. W.	58-10-01	476
LA-0134	WATER BOILER	BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	44-09-04	1980
LA-0241	WATER TAMPER MEASUREMENTS	CARTER, R. E. / HINTON, J. C. / KING, L. D. P. / SCHREIBER, R. E.	45-04-12	139
LA-0272	CRITICAL MASS OF A WATER TAMPED PLUTONIUM-239 SOLUTION	FELD, B. T. / SLOTIN, S. L.	45-05-14	157
LA-0309	SUMMARY OF KNOWN CRITICAL MASSES OF URANIUM-235 AND PLUTONIUM-239	FELD, B. T.	45-06-14	2049
LA-0399	THEORY OF WATER-TAMPED WATER BOILER	GREULING, E.	45-09-27	454
LA-0618	CRITICAL MASSES OF ENRICHED URANIUM HYDRIDES AND SOME RELATED MEASUREMENTS	BAKER, C. P. / HOLLOWAY, M. G.	47-02-03	1981
LA-0749	POLYTHENE-URANIUM-235 CRITICAL ASSEMBLY AND NEUTRON DISTRIBUTION STUDIES	PAXTON, H. C. / LINENBERGER, G. A.	49-11-01	142
LA-1034	CRITICAL ASSEMBLIES, CHAPTER 4, WATER BOILERS	KING, L. D. P.	47-12-19	1982
LA-1114 (DEL)	CRITICAL MASS MEASUREMENT ON ORALLOY IN TUBALLOY AND TUNGSTEN CARBIDE TAMPERS	JOSEPHSON, V.	54-05-00	134
LA-1155 (DEL)	ORALLOY SHAPE FACTOR MEASUREMENTS	JOSEPHSON, V. / PAINE, R. W. / WOODWARD, L. L.	52-08-08	38
LA-1159 (DEL)	ORALLOY (ENRICHED URANIUM) HYDRIDE CRITICAL ASSEMBLIES	PAXTON, H. C. / ORNDOFF, J. D. / LINENBERGER, G. A.	50-00-00	370
LA-1209	MEASUREMENTS OF UNTAMPED ORALLOY ASSEMBLY	ORNDOFF, J. D. / PAXTON, H. C.	64-01-27	36
LA-1251	CRITICAL MASSES OF ORALLOY AT REDUCED CONCENTRATIONS AND DENSITIES	ORNDOFF, J. D. / PAXTON, H. C. / HANSEN, G. E.	51-06-23	41
LA-1305	ORALLOY CYLINDRICAL SHAPE FACTOR AND CRITICAL MASS MEASUREMENTS IN GRAPHITE, PARAFFIN, AND WATER TAMPERS	MALLARY, E. C.	51-10-27	135
LA-1356	PRECISION CRITICAL-MASS DETERMINATIONS FOR ORALLOY AND PLUTONIUM IN SPHERICAL TUBALLOY TAMPERS	HANSEN, G. E. / WOOD, D. P.	52-02-01	88
LA-1487	NEUTRON DISTRIBUTION MEASUREMENTS AT PAJARITO BY MEANS OF PHOTOGRAPHIC EMULSIONS	YOUNG, D. S.	52-05-15	611
LA-1579	TOPSY, A REMOTELY CONTROLLED MACHINE FOR THE STUDY OF CRITICAL ASSEMBLIES	WHITE, R. H.	53-06-00	180
LA-1614	LADY GODIVA: AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY	PETERSON, R. E. / NEWBY, G. A.	53-09-00	39
LA-1623	SAFETY TESTS FOR MELTING AND CASTING	HART, F. F.	53-12-00	1983

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

ORALLOY				
LA-1653	NEUTRON DETECTOR TRAVERSES IN THE TOPSY AND GODIVA CRITICAL ASSEMBLIES	LINENBERGER, G. A. / LOWRY, L. L.	54-04-00	227
LA-1671	BARE CRITICAL ASSEMBLIES OF ORALLOY AT INTERMEDIATE CONCENTRATIONS OF URANIUM-235	PAXTON, H. C.	60-02-29	37
LA-1732	CRITICAL MASSES OF GRAPHITE-TAMPED HETEROGENEOUS ORALLOY-GRAPHITE SYSTEMS	HOOGTERP, J. C.	54-05-19	24
LA-1958	CRITICAL MASSES OF FISSIONABLE METALS AS BASIC NUCLEAR SAFETY DATA	PAXTON, H. C. / GRAVES, G. A.	56-05-00	89
LA-2023	PRELIMINARY SURVEY OF URANIUM METAL EXPONENTIAL COLUMNS	NEUER, J. J. / STEWART, C. B.	56-10-31	186
LA-2026	CRITICAL MASSES OF ORALLOY LATTICES IMMERSED IN WATER	HOOGTERP, J. C.	57-03-06	143
LA-2044 (DEL)	PLUTONIUM-METAL CRITICAL ASSEMBLIES	JARVIS, G. A. / LINENBERGER, G. A. / PAXTON, H. C.	56-10-17	19
LA-2085	CRITICAL ASSEMBLY OF URANIUM METAL AT AN AVERAGE URANIUM-235 CONCENTRATION OF 16-1/4 PERCENT	NEUER, J. J.	57-01-28	97
LA-2141	BERYLLIUM-REFLECTED, GRAPHITE-MODERATED CRITICAL ASSEMBLIES	HANSEN, G. E. / HOOGTERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	57-10-11	26
LA-2203	CRITICAL MASSES OF ORALLOY IN THIN REFLECTORS	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	58-07-16	98
LA-3067-MS(REV.)	LOS ALAMOS CRITICAL-MASS DATA	PAXTON, H. C.	75-11-00	1727
LA-3219-MS	CRITICAL ASSEMBLIES OF FISSIONABLE MATERIALS	MILLS, C. B.	65-04-07	582
LA-3221-MS	REACTOR MINIMUM CRITICAL DIMENSIONS	MILLS, C. B.	65-04-17	297
LA-3529	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORLTON, D. R.	69-10-27	998
LA-3612	CRITICALITY DATA AND FACTORS AFFECTING CRITICALITY OF SINGLE HOMOGENEOUS UNITS	STRATTON, W. R.	67-09-22	14
LA-3651	CRITICAL MASS REDUCTION	JARVIS, G. A. / MILLS, C. B.	67-03-22	485
LA-3791	THE DATA OF NUCLEAR REACTOR PHYSICS. A BIBLIOGRAPHY	FURNISH, JEAN	67-04-13	2114
LA-3934	NEUTRON FLUX MEASUREMENTS IN URANIUM METAL EXPONENTIAL COLUMNS OF 6.53 PERCENT AND 9.12 PERCENT URANIUM-235	STEINKE, R. G.	68-10-24	378
LA-4037-SOP	OPERATING PROCEDURES FOR THE PAJARITO SITE CRITICAL ASSEMBLY FACILITY	KOONTZ, P. G. / ORNDOFF, J. D. / PAXTON, H. C.	69-04-04	1170
LA-4207-MS	QUARTERLY STATUS REPORT ON: ULTRA HIGH TEMPERATURE REACTOR EXPERIMENT (UHTREX), FOR PERIOD ENDING APRIL 30, 1969	NONE	69-07-10	1371
LA-4208	RE-EVALUATED CRITICAL SPECIFICATIONS OF SOME LOS ALAMOS FAST-NEUTRON SYSTEMS	HANSEN, G. E. / PAXTON, H. C.	69-09-00	1220
LA-4218	CALCULATION AND INTERPRETATION OF THE UHTREX CRITICAL EXPERIMENTS.	CARMICHAEL, B. M. / BIGIL, J. C. / MEEM, J. L.	69-08-00	1909
LA-4225	THE DATA OF NUCLEAR REACTOR PHYSICS, 1967--1968. A BIBLIOGRAPHY.	FURNISH, JEAN	69-09-17	1878
LA-4798-MS	BARE 93%-ENRICHED-URANIUM-CARBON(170) ASSEMBLY	HOOGTERP, J. C. / HANSEN, G. E. / PAXTON, H. C.	74-03-00	1703

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

LA-5946-MS	A TUNGSTEN-CARBIDE CRITICAL ASSEMBLY	HANSEN, G. E. / PAXTON, H. C.	75-06-00	1719
LA-5963	REFLECTOR-MODERATED CRITICAL ASSEMBLIES	PAXTON, H. C. / JARVIS, G. A. / BYERS, C. C.	75-07-00	1721
LA-5971-MS	RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY	BERNARD, W. / HELMICK, H. H. / JARVIS, G. A. / PLASSMANN, E. A. / WHITE, R. H.	75-05-00	1720
LA-6206, VOL I	SAFETY ANALYSIS OF THE LOS ALAMOS CRITICAL EXPERIMENTS FACILITY	PAXTON, H. C.	76-02-00	1432
LA-DC-8386	CORRELATIONS OF EXPERIMENTS AND CALCULATIONS	STRATTON, W. R.	66-00-00	1177
LA-DC-9216	CRITICALITY AND CENTRAL REACTIVITY CALCULATIONS USING ENDF/B DATA	LABAUVE, R. J. / BATTAT, M. E.	68-04-04	795
LA-UR-77-684	EXPERIMENTAL CRITICALITY SPECIFICATIONS, AN ANNOTATED BIBLIOGRAPHY THROUGH 1976	PAXTON, H. C.	77-00-00	1460
LAMS-1154	EFFECTS OF FOREIGN MATERIALS IN THE TOPSY METAL ASSEMBLY - PRELIMINARY	PAXTON, H. C.	50-09-12	613
LAMS-2415	CRITICAL DATA FOR NUCLEAR SAFETY GUIDANCE	PAXTON, H. C.	6Q-02-00	122
LAMS-2489	CRITICAL MASSES OF COMPOSITES OF ORALLOY AND PLUTONIUM-239-PLUTONIUM-240 IN FLATTOP GEOMETRY	BARTON, D. M. / BERNARD, W. / HANSEN, G. E.	61-04-12	64
LAMS-2537	CORRELATIONS OF EXPERIMENTAL AND THEORETICAL CRITICAL DATA	PAXTON, H. C.	61-03-00	184
LAMS-2579	CRITICAL MASS MEASUREMENTS OF ORALLOY AND PLUTONIUM CORES IN SPHERICAL ALUMINUM REFLECTORS	WOOD, D. P. / PENA, B.	61-11-02	23
LAMS-2744	REFLECTOR SAVINGS OF MODERATING MATERIALS ON LARGE DIAMETER URANIUM SLABS, ENRICHED TO 93.2 PERCENT IN URANIUM-235	HANSEN, G. E. / WOOD, D. P. / PENA, B.	62-10-08	92
LAMS-3067	LOS ALAMOS CRITICAL-MASS DATA	PAXTON, H. C.	64-05-06	1
MITNE-25	MEASUREMENTS OF REACTOR PARAMETERS IN SUBCRITICAL AND CRITICAL ASSEMBLIES - A REVIEW	KAPLAN, I.	62-08-15	706
MITNE-46	HEAVY WATER LATTICE PROJECT ANNUAL REPORT	PRICE, G. A.	63-09-30	718
MONP-048	CRITICAL EXPERIMENTS OF FLUORINATED AND HYDROGENATED MIXTURES CONTAINING ENRICHED URANIUM	SNELL, A. H.	46-01-22	1985
MONP-357	CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM-WATER MODERATOR AND DEUTERIUM OXIDE, BERYLLIUM, AND WATER REFLECTORS	MANN, M. M. / MARTIN, A. B.	47-08-18	1986
MONP-454	CRITICALITY STUDIES ON ENRICHED URANIUM -- HEAVY WATER SYSTEMS	SNELL, A. H.	47-12-15	995
N-70-26979	EFFECT OF ADDING LITHIUM NITRIDE, HAFNIUM, TANTALUM, AND TUNGSTEN TO A FAST-SPECTRUM, MOLYBDENUM-REFLECTED CRITICAL ASSEMBLY.	ANDERSON, JOHN L. / MAYO, WENDELL	70-05-00	1863
NAA-SR-7541	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	63-06-30	468
NAA-SR-8490	EXPERIMENTS WITH WATER-REFLECTED, UNDERMODERATED, ZIRCONIUM HYDRIDE	MOSS, L. I.	63-09-15	708

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

CRITICAL ASSEMBLIES

NAA-SR-9771	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES. PART 1. EXPERIMENT	HILLIG, O. R. / LATHAM, D. W.	64-12-01	741
NAA-SR-9772	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES PART-2 THEORETICAL INTERPRETATION	SPECHT, E. R.	64-08-01	721
NASA-CR-72234	CAVITY REACTOR CRITICAL EXPERIMENT	PINCOCK, G. D. / KUNZE, J. F.	67-09-00	216
NASA-CR-72409	CAVITY REACTOR ENGINEERING MOCKUP CRITICAL EXPERIMENT	PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	68-05-22	33
NASA-CR-72415, GESP-35	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-II	PINCOCK, G. D. / KUNZE, J. F.	68-05-31	48
NASA-TM-X-2381	CRITICALITY STUDY OF NASA SOLUTION REACTORS WITH 25.4 CENTIMETER- DIAMETER CYLINDRICAL STAINLESS-STEEL TANKS	FOX, T. A. / MUELLER, R. A. / FIENO, D.	71-09-00	1991
NASA-TM-X-2922	MOVABLE-MOLYBDENUM-REFLECTOR REACTIVITY EXPERIMENTS FOR CONTROL STUDIES OF COMPACT SPACE POWER REACTOR CONCEPTS	FOX, T. A.	73-10-00	2089
NASA-TN-D-3555	CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II- HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS	FOX, T. A. / MUELLER, R. A. / FORD, C. H.	66-08-00	2091
NASA-TN-D-5487	ANALYSIS AND EXPERIMENTS WITH A PULSED NEUTRON SOURCE FOR AN UNREFLECTED SOLUTION REACTOR UP TO 50 DOLLARS SHUTDOWN	FIENO, D. / FOX, T. A. / MUELLER, R. A. / FORD, C. H.	69-10-00	2092
NASA-TN-D-5956	PULSED-NEUTRON-SOURCE STUDIES WITH THE NASA ZERO POWER REACTOR II	FOX, T. A. / MUELLER, R. A. / FIENO, D.	70-08-00	2090
NEPA-1769	NEPA CRITICAL EXPERIMENT FACILITY	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I.	51-04-51	2069
NIPPON GENSHIRYOKU GAKKAISHI, 13, 582-597	CURRENT STATUS OF FAST REACTOR CRITICAL EXPERIMENTS.	NOMOTO, S. / IJIMA, T.	71-10-00	1658
NIPPON GENSHIRYOKU GAKKAISHI, 11, 600-605	MEASUREMENTS OF LATTICE PARAMETERS WITH A SINGLE FUEL ASSEMBLY IN ORGANIC COOLANT MATERIAL.	MATSUBARA, TAKEO / MUKOYAMA, TAKESHI / TADA, HIROMITSU / TSUJI, YOSHIO.	69-04-00	1754
NSENAO, 01, 020-032	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	56-03-00	1092
NSENAO, 01, 053-061	TOPSY, A REMOTELY CONTROLLED CRITICAL ASSEMBLY MACHINE	WHITE, R. H.	56-03-00	5
NSENAO, 01, 112-125	AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY	PETERSON, R. E. / NEWBY, G. A.	56-05-00	4
NSENAO, 01, 126-134	ZPR-3, ARGONNE'S FAST CRITICAL FACILITY	CERUTTI, B. C. / LICHTENBERGER, H. V. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	56-05-00	267
NSENAO, 01, 327-341	HOMOGENEOUS HEAVY WATER MODERATED CRITICAL ASSEMBLIES. PART 1. EXPERIMENTAL	OLCOTT, R. N.	56-08-00	3
NSENAO, 01, 391-408	MEASUREMENT OF NEUTRON SPECTRA OF THE EXPERIMENTAL BREEDER REACTOR	EGGLER, C. / HUDDLESTON, C. M. / KROHN, V. E. / RINGO, G. R.	56-10-00	1141

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

NSENAO, 03, 313-338	TWO-DIMENSIONAL (R,Z) MULTIGROUP CALCULATION FOR AN INTERMEDIATE SPECTRUM CRITICAL ASSEMBLY	HOFMANN, P. L./ STORM, M. L.	58-03-00	1133
NSENAO, 03, 694-697	CRITICAL PARAMETERS OF A PROTON-MODERATED AND PROTON-REFLECTED SLAB OF URANIUM-235	FOX, J. K./ GILLEY, L. W./ MARABLE, J. H.	58-06-00	165
NSENAO, 04, 166-179	SOME APPLICATIONS OF THE S-N METHOD	KIEHN, R. M.	58-08-00	993
NSENAO, 04, 297-321	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	58-09-00	346
NSENAO, 04, 498-500	CRITICAL MEASUREMENTS ON URANIUM TRIOXIDE IN PHOSPHORIC ACID SOLUTIONS (UO3-H3PO4)	ALLRED, J. C./ BENDT, P. J./ PETERSON, R. E.	58-09-00	140
NSENAO, 07, 001-013	REACTIVITY EFFECTS OF LARGE VOIDS IN THE REFLECTOR OF A LIGHT-WATER-MODERATED AND -REFLECTED REACTOR	REYNOLDS, A. B./ THOMPSON, T. J./ HENRY, K. M./ JOHNSON, E. B.	60-01-00	1149
NSENAO, 07, 044-057	ENRICHED-URANIUM HYDRIDE CRITICAL ASSEMBLIES	LINENBERGER, G. A./ ORNDOFF, J. D./ PAXTON, H. C.	60-01-00	141
NSENAO, 07, 355-362	NEUTRON ENERGY SPECTRUM MEASUREMENTS IN UNMODERATED ASSEMBLIES	FISCHER, G. J.	60-04-00	1063
NSENAO, 08, 221-225	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ENRICHED-URANIUM FUELED SYSTEMS	KLOVERSTROM, F. A./ DECK, R. M./ REYENGA, A. J.	60-09-00	11
NSENAO, 08, 226-232	CRITICALITY CALCULATIONS OF BERYLLIUM OXIDE-MODERATED ENRICHED URANIUM SYSTEMS	LINGENFELTER, R. E.	60-09-00	257
NSENAO, 08, 525-531	TWO PLUTONIUM-METAL CRITICAL ASSEMBLIES	JARVIS, G. A./ LINENBERGER, G. A./ ORNDOFF, J. D./ PAXTON, H. C.	60-12-00	10
NSENAO, 08, 570-577	CRITICAL PLUTONIUM AND ENRICHED-URANIUM-METAL CYLINDERS OF EXTREME SHAPE	HANSEN, G. E./ PAXTON, H. C./ WOOD, D. P.	60-12-00	9
NSENAO, 08, 578-587	CRITICAL MASSES OF CYLINDERS OF PLUTONIUM DILUTED WITH OTHER METALS	WOOD, D. P./ BYERS, C. C./ OSBORN, L. C.	60-12-00	8
NSENAO, 08, 588-594	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS	HANSEN, G. E./ WOOD, D. P./ GEER, W. U.	60-12-00	7
NSENAO, 08, 595-597	LEAKAGE NEUTRON SPECTRUM FROM A BARE PLUTONIUM-239 CRITICAL ASSEMBLY	STEWART, L.	60-12-00	406
NSENAO, 08, 598-607	SPECTRAL COMPARISONS WITH HIGH ENERGY ACTIVATION DETECTORS	GRUNDL, J./ USNER, A.	60-12-00	407
NSENAO, 08, 615-620	CRITICAL REFLECTOR THICKNESSES FOR SPHERICAL URANIUM-233 AND PLUTONIUM-239 SYSTEMS	PLASSMANN, E. A./ WOOD, D. P.	60-12-00	6
NSENAO, 08, 652-669	A URANIUM-METAL EXPONENTIAL EXPERIMENT	CHEZEM, C. G.	60-12-00	382
NSENAO, 09, 047-054	SM-2 FLEXIBLE CRITICAL EXPERIMENTS	MC COOL, W. J./ ROBINSON, R. A./ SCHRADER, E. W./ WEISS, S. H.	61-01-00	1047
NSENAO, 09, 241-259	AN APPROACH TO REACTOR PHYSICS USING RESULTS OF INTEGRAL EXPERIMENTS	PUECHL, K. H.	61-02-00	1043
NSENAO, 09, 377-390	MINIMUM CRITICAL DIMENSIONS FOR WATER SOLUTIONS	MILLS, C. B.	61-03-00	1042
NSENAO, 11, 095-096	CRITICALITY OF LOW ENRICHMENT URANIUM-235 IN HYDROGEN	MIHALCZO, J. T./ MILLS, C. B.	61-09-00	168
NSENAO, 12, 341-347	EXPERIMENTAL BUCKLINGS OF HEAVY WATER MODERATED LATTICES OF NATURAL URANIUM METAL ROD CLUSTERS	HURLEY, T. J./ FIKE, H. R./ O'NEILL, G. F.	62-03-00	1053

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

NSENAO, 12, 348-358	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM RODS IN HEAVY WATER AND COMPARISONS WITH CRITICAL EXPERIMENTS	WINGFIELD, E. C./ HENNELLY, E. J.	62-03-00	1054
NSENAO, 13, 006-011	THE INFINITE MULTIPLICATION CONSTANT OF HOMOGENEOUS HYDROGEN-MODERATED 2.0 WEIGHT PERCENT URANIUM-235-ENRICHED URANIUM	MIHALCZO, J. T./ NEELEY, V. I.	62-05-00	169
NSENAO, 13, 301-305	REFLECTOR MODERATED REACTORS	MILLS, C. B.	62-08-00	249
NSENAO, 16, 186-195	EXPERIMENTAL BUCKLINGS AND VOID EFFECTS IN HEAVY WATER LATTICES OF NATURAL URANIUM OXIDE ROD CLUSTERS	GRAVES, W. E./ FIKE, H. R./ O'NEILL, G. F.	63-06-00	1030
NSENAO, 16, 291-298	SUPERPROMPT-CRITICAL BEHAVIOR OF AN UNMODERATED, UNREFLECTED URANIUM-MOLYBDENUM ALLOY REACTOR	MIHALCZO, J. T.	63-07-00	1444
NSENAO, 19, 259-273	AN ANALYSIS OF 23 ZPR-3 FAST REACTOR CRITICAL EXPERIMENTS	DAVEY, W. G.	64-07-00	712
NSENAO, 20, 060-065	PROMPT-NEUTRON LIFETIME IN CRITICAL ENRICHED-URANIUM METAL CYLINDERS AND ANNULI	MIHALCZO, J. T.	64-09-00	2
NSENAO, 20, 266-271	MATERIAL BUCKLING AND CRITICAL MASSES OF URANIUM RODS CONTAINING 3 WEIGHT PERCENT URANIUM-235 IN WATER	ROGERS, W. B. / KINARD, F. E./	64-11-00	1015
NSENAO, 20, 307-313	APPLICATION OF A SIMPLE, PRACTICAL METHOD FOR COMPUTING INTERACTION TO ARRAYS FOUND EXPERIMENTALLY TO BE CRITICAL	CLARK, H. K.	64-11-00	1011
NSENAO, 21, 217-226	CRITICALITY OF SLIGHTLY ENRICHED URANIUM IN WATER-MODERATED LATTICES	RICHEY, C. R./ LLOYD, R. C./ CLAYTON, E. D.	65-02-00	390
NSENAO, 21, 421-428	THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS	MOUNTFORD, L. A./ MOREWITZ, H. A.	65-04-00	427
NSENAO, 21, 441-450	FISSION-RATE MEASUREMENTS IN THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS	STROMINGER, D./ SCHLESINGER, G.	65-04-00	429
NSENAO, 23, 058-073	CRITICALITY CALCULATIONS FOR UNIFORM WATER-MODERATED LATTICES	STRAWBRIDGE, L. E./ BARRY, R. F.	65-09-00	515
NSENAO, 23, 150-158	CRITICALITY OF HOMOGENEOUS PLUTONIUM OXIDE-PLASTIC COMPACTS AT HYDROGEN TO PLUTONIUM RATIO = 15	RICHEY, C. R./ WHITE, J. D./ CLAYTON, E. D./ LLOYD, R. C./	65-10-00	416
NSENAO, 25, 165-173	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS	LLOYD, R. C./ RICHEY, C. R./ CLAYTON, E. D./ SKEEN, D. R.	66-06-00	525
NSENAO, 25, 442-444	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3	LONG, J. K./ MC VEAN, R. L./ REYNOLDS, A. B./ STEWART, S. L./ WEITZBERG, A./ LERIDON, A. M.	66-08-00	522
NSENAO, 26, 462-471	SPATIAL VARIATION OF THE FAST NEUTRON FLUX IN CELLS OF SLIGHTLY URANIUM-235-ENRICHED-URANIUM WATER-MODERATED LATTICES	HARDY, J./ KLEIN, D./ DANNELS, R.	66-12-00	539
NSENAO, 27, 010-015	MATERIAL BUCKLINGS FOR 1.002, 1.25, AND 1.95 WT% URANIUM-235- ENRICHED URANIUM TUBES IN LIGHT WATER	BROWN, C. L./ LLOYD, R. C.	67-01-00	543
NSENAO, 27, 028-033	NEUTRON SPECTRUM MEASUREMENT IN A FAST CRITICAL ASSEMBLY	BENNETT, E. F.	67-01-00	544
NSENAO, 27, 557-563	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS	MIHALCZO, J. T.	67-03-00	553
NSENAO, 28, 270-276	ANALYSIS OF CRITICAL EXPERIMENTS WITH	BITELLI, G./ MARTINELLI, R./	67-05-00	558

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

	ORGANIC-MODERATED ASSEMBLIES	ORESTANO, F. V./ SANTANDREA, E.		
NSENAO, 28, 443-449	FAST-REACTOR CALCULATIONAL MODELS	STACEY, W. M.	67-06-00	560
NSENAO, 29, 296-298	BUCKLING MEASUREMENTS IN WATER-MODERATED AND -REFLECTED EXPONENTIAL EXPERIMENTS	WINDSOR, H.	67-08-00	1119
NSENAO, 31, 032-039	THEORETICAL ANALYSES OF HOMOGENEOUS PLUTONIUM CRITICAL EXPERIMENTS	RICHEY, C. R.	68-01-00	568
NSENAO, 31, 040-048	CRITICALITY OF HETEROGENEOUS ARRAYS UNDERGOING DISSOLUTION	RICHEY, C. R.	68-01-00	569
NSENAO, 31, 057-066	A COMPARISON OF HETEROGENEOUS NUCLEAR-REACTOR LATTICE THEORY WITH EXPERIMENT	GRAVES, W. E./ BENTON, F. D./ SATTERFIELD, R. M.	68-01-00	571
NSENAO, 31, 549-550	LOW-ENRICHMENT URANIUM-METAL EXPONENTIAL EXPERIMENTS	CHEZEM, C. G./ STEINKE, R. G.	68-03-00	581
NSENAO, 32, 133-135	MINIMUM THICKNESS OF A WATER-REFLECTED INFINITE SLAB OF AN AQUEOUS SOLUTION OF URANYL FLUORIDE AT OPTIMUM CONCENTRATION	WEBSTER, J. W.	68-04-00	579
NSENAO, 32, 135-139	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS, HYDROGENOUS URANYL NITRATE SYSTEMS	BIERMAN, S. R./ HESS, G. M.	68-04-00	580
NSENAO, 32, 283-291	REACTOR PHYSICS PARAMETERS OF 1.03 PERCENT ENRICHED URANIUM METAL, HEAVY WATER MODERATED LATTICES	D'ARDENNE, W. H.	68-06-00	411
NSENAO, 32, 319-331	MONTE CARLO CRITICALITY CALCULATIONS FOR THERMAL REACTORS	MENDELSON, M. R.	68-06-00	414
NSENAO, 33, 139	INVESTIGATION OF THE CRITICALITY OF LOW-ENRICHMENT URANIUM CYLINDERS	CHEZEM, C. G.	68-07-00	513
NSENAO, 34, 237-250	CRITICALITY MEASUREMENTS ON NEARLY HOMOGENEOUS ENRICHED URANIUM-GRAPHITE SYSTEMS	PHELPS, J./ WEINSTOCK, E. V.	68-12-00	504
NSENAO, 34, 251-262	ANALYSIS OF BROOKHAVEN URANIUM-235 GRAPHITE CRITICAL EXPERIMENTS	SEHGAL, B. R.	68-12-00	503
NSENAO, 34, 263-274	ANALYSIS OF A SET OF CRITICAL HOMOGENEOUS URANIUM-WATER SPHERES	STAUB, A./ HARRIS, D. R./ GOLDSMITH, M.	68-12-00	502
NSENAO, 35, 027-044	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA	KISTNER, G./ MIHALCZO, J. T.	69-01-00	500
NSENAO, 35, 267-276	CRITICAL MEASUREMENTS ON AN ENRICHED URANIUM SOLUTION SYSTEM	ROTHER, R. E.	69-02-00	494
NSENAO, 35, 358-363	MATERIAL BUCKLING MEASUREMENTS WITH 2.1 WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TUBES IN LIGHT WATER	BROWN, C. L./ HANSEN, L. E.	69-03-00	1143
NSENAO, 37, 111-126	FAST NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF A HOMOGENEOUS URANIUM-235 POLYETHYLENE CRITICAL ASSEMBLY	COHEN, S. C./ MOORE, R. A./ YOUNG, J. C./ RUSSELL, J. L.	69-07-00	1345
NSENAO, 39, 263-272	INTEGRAL TEST OF ENDF/B AND GAM NEUTRON CROSS-SECTION DATA IN A CLEAN FAST ASSEMBLY	MOORE, R. A./ SARGIS, D. A./ COHEN, S. C.	70-02-00	1298
NSENAO, 39, 320-328	CRITICAL MASS IRREGULARITY OF STEEL-MODERATED ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS	COONFIELD, D. C./ TUCK, G./ CLARK, H. E./ ERNST, B. B.	70-03-00	1354
NSENAO, 40, 246-253	STUDY OF THE USE OF PULSED-NEUTRON EXPERIMENTS ON MULTIPLYING LATTICES FOR THE ADJUSTMENT OF CRITICALITY CODES	DENIZ, V.	70-05-00	1441

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

NSENAO, 40, 407-413	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB CYLINDER SYSTEM	TUCK, G. / CLARK, H. E.	70-06-00	1358
NSENAO, 41, 132-138	PULSED NEUTRON DETERMINATION OF THE EFFECTIVE MULTIPLYING CONSTANT AND NEUTRON AGE TO THERMAL ENERGY FOR A BARE HOMOGENEOUS SUBCRITICAL ASSEMBLY OF ENRICHED URANYL NITRATE SALT	CHOW, R. H. / BIERMAN, S. R.	70-07-00	1442
NSENAO, 42, 150-161	EXPONENTIAL EXPERIMENTS WITH LATTICES OF URANIUM-233 OXIDE AND THORIUM OXIDE IN LIGHT AND HEAVY WATER	WINDSOR, H. / TUNNEY, W. J. / PRICE, G. A.	70-11-00	1961
NSENAO, 43, 005-026	ANALYSIS OF HETEROGENEITY AND SODIUM-VOID EFFECTS IN A 2700-LITER URANIUM CARBIDE FAST CORE, ZPR-6 ASSEMBLY 5.	KARAM, R. A. / MARSHALL, J. E. / DANCE, K. D.	71-01-00	1747
NSENAO, 44, 66-71	REACTOR KINETIC PARAMETERS OF LATTICES OF PLUTONIUM AND URANIUM IN WATER	UOTINEN, V. O. / LAUBY, J. H. / STINSON, W. P. / DWIVEDI, S. R.	71-04-00	1962
NSENAO, 45, 37-46	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON C. D.	71-07-00	1963
NSENAO, 46, 076-087	CRITICALITY MEASUREMENTS ON URANIUM METAL SPHERES IMMERSSED IN URANIUM SOLUTION.	HUNT, D. C. / ROTHE, R. E.	71-10-00	1647
NSENAO, 47, 59-65	BENCHMARK GAS CORE CRITICAL EXPERIMENT	KUNZE, J. F. / LOFTHOUSE, J. H. / COOPER, C. G.	72-01-00	1964
NSENAO, 48, 433-443	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT URANIUM-235-ENRICHED URANIUM IN PARAFFIN.	RAFFETY, S. J. / MIHALCZO, J. T.	72-08-00	1669
NSENAO, 49, 274-300	CRITICAL EXPERIMENTS FOR THE BROOKHAVEN PULSED FAST REACTOR STUDY	PHELPS, J. / WINDSOR, H. / TAKAHASHI, H. / CONANT, J. / CHANDRAMOLESHWAR, K.	72-11-00	1965
NSENAO, 49, 489-504	CRITICALITY OF GRAPHITE- AND POLYETHYLENE-REFLECTED URANIUM(93.2)-METAL CYLINDERS AND ANNULI	MIHALCZO, J. T.	72-12-00	1966
NSENAO, 50, 115-126	CRITICAL EXPERIMENTS WITH HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM.	BIERMAN, S. R. / CLAYTON, E. D. / HANSEN, L. E.	73-02-00	1677
NSENAO, 50, 127-134	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING BORATED RASCHIG RINGS.	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	73-02-00	1676
NSENAO, 52, 350-359	CRITICAL THREE-DIMENSIONAL ARRAYS OF URANIUM(93.2)-METAL CYLINDERS	THOMAS, J. T.	73-11-00	1520
NSENAO, 54, 360-366	EFFECT OF POSITION IN THE CRITICALITY OF URANIUM SPHERES IN URANIUM SOLUTION CYLINDERS	ROTHE, R. E. / HUNT, D. C.	74-07-00	1544
NSENAO, 54, 367-368	CALCULATIONS ON RASCHIG-RING-POISONED PLUTONIUM SOLUTIONS SYSTEMS USING HANSEN-ROACH CROSS SECTIONS	LLOYD, R. C.	74-07-00	1545
NSENAO, 55, 051-057	CRITICALITY OF PLUTONIUM-URANIUM MIXTURES CONTAINING 5 TO 8 WT% PLUTONIUM	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	74-09-00	1548
NSENAO, 55, 058-066	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES	BIERMAN, S. R. / CLAYTON, E. D.	74-09-00	1547
NSENAO, 55, 129-146	MEASUREMENTS AT THE CRITICAL FACILITY FOR THE IN-CORE THERMIONIC REACTOR AND COMPARISON WITH CALCULATIONS	BLOSER, M. / KIRCH, N. / KRINGS, F. J. / NASEBAND, F. J. / PAUL, N.	74-10-00	1550

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

NSENAO, 55, 244-248	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER	RICHEY, C. R.	74-10-00	1447
NSENAO, 57, 328-332	EXPERIMENTAL AND THEORETICAL STUDIES OF CRITICALITY SAFETY BY INGRESS OF WATER IN SYSTEMS WITH PEBBLE-BED HIGH-TEMPERATURE GAS-COOLED REACTOR FUEL	DRUEKE, V. / FILGES, S. / KIRCH, N. / NEEF, R. D.	75-08-00	1572
NSENAO, 59, 021-026	CRITICALITY SAFETY DATA APPLICABLE TO PROCESSING LIQUID-METAL FAST BREEDER REACTOR FUEL	LLOYD, R. C. / CLAYTON, E. D.	76-01-00	1574
NSENAO, 60, 143-146	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. /	76-06-00	1502
NSENAO, 61, 370-376	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM	BIERMAN, S. R. / CLAYTON, E. D.	76-11-00	1453
NSENAO, 62, 105-116	INTEGRAL MEASUREMENTS OF THE EFFECTIVE DELAYED NEUTRON FRACTIONS IN THE FAST CRITICAL ASSEMBLY SNEAK	FISCHER, E. A.	77-01-00	1508
NUAPA, 03, 481-487	CRITICALITY OF PLUTONIUM COMPOUNDS IN THE UNDERMODERATED RANGE HYDROGEN - PLUTONIUM LESS THAN 20	HANSEN, L. E. / CLAYTON, E. D.	66-08-00	804
NUAPA, 04, 136-141	CRITICALITY OF ARRAYS OF URANIUM-233 SOLUTION	LLOYD, R. C. / CLAYTON, E. D. / CHALMERS, J. H.	68-03-00	1250
NUAPA, 06, 023-026	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE-POLYSTYRENE AT 5 HYDROGEN/PLUTONIUM	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	69-01-00	1276
NUAPA, 06, 104-115	CAVITY REACTOR CRITICAL EXPERIMENTS	KUNZE, J. F. / PINCOCK, G. D. / HYLAND, R. E.	69-02-00	601
NUAPA, 06, 371-380	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS	HANSEN, L. E. / CLAYTON, E. D. / LLOYD, R. C. / BIERMAN, S. R. / JOHNSON, R. D.	69-04-00	1260
NUAPA, 06, 381-390	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART-2: INTERPRETATION	HANSEN, L. E. / CLAYTON, E. D.	69-04-00	1280
NUAPA, 07, 405-408	CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE	SMITH, D. R. / GEER, W. U.	69-11-00	1959
NUAPA, 07, 505-512	CRITICALITY OF A URANIUM-SOLUTION SLAB UNDER VARIOUS REFLECTOR CONDITIONS.	ROTHER, R. E. / SCHUSKE, C. L. / HICKS, E. E.	69-12-00	1750
NUCL. NEWS 12, 30-32	THE DRAGON EXPERIMENT	FRISCH, O.	69-04-00	1366
NUCLEONICS, 13, 048-050	CRITICAL ASSEMBLIES AT LOS ALAMOS, GODIVA, TOPSY, JEZEBEL	PAXTON, H. C.	55-10-00	315
NUCLEONICS, 15, 090-092	CRITICAL MASSES OF ORALLOY ASSEMBLIES	GRAVES, G. A. / PAXTON, H. C.	57-06-00	77
NUEGA 01	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES	CALLIHAN, A. D.	56-00-00	289
NUKLEONIKA, 15, 399-410	THE BASIC STATIC PARAMETERS FOR WWR-SM LATTICES WITH WATER CHANNELS. ESTIMATION OF HETEROGENEITY EFFECT ON NEUTRON AGE.	JOZEFOWICZ, EDWARD T.	70-04-00	1614
NUKLEONIKA, 18, 474-494	ANALYSIS OF THE PHYSICAL PARAMETERS OF THE ANNA CRITICAL ASSEMBLY	DABROWSKI, C. / MALEWSKI, S.	73-10-00	1534
NUKLEONIKA, 19, 565-574	FAST-THERMAL CRITICAL ASSEMBLY P-ANNA-1	ADAMSKI, L. / BUKOWSKI, K.	74-06-00	1549
NUREG/CR-0073	CRITICAL SEPARATION BETWEEN SUBCRITICAL	BIERMAN, S. R. / DURST, B. M. /	78-05-00	2112

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

	CLUSTERS OF 4.29 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS	CLAYTON, E. D.		
NUTYBB, 10, 179-187	EMPIRICAL MODEL FOR SAFE PIPE INTERSECTIONS CONTAINING FISSILE SOLUTION.	DICKINSON, D. / SCHUSKE, C. L.	71-02-00	1744
NUTYBB, 11, 185-190	CRITICAL EXPERIMENTS WITH UNMODERATED PLUTONIUM OXIDE.	BIERMAN, S. R. / CLAYTON, E. D.	71-06-00	1618
NUTYBB, 12, 356-362	STATIC AND PULSED REACTIVITY MEASUREMENTS ON LARGE URANIUM-235 FUEL FORMS IN WATER.	CURRIE, R. L. / PARKS, P. B. / JARRIEL, J. L.	71-12-00	1644
NUTYBB, 15, 257-271	LATTICES OF PLUTONIUM-ENRICHED RODS IN LIGHT WATER--PART 1: EXPERIMENTAL RESULTS	UOTINEN, V. O. / LAUBY, J. H. / SCHMID, L. C. / STINSON, W. P.	72-08-00	1960
NUTYBB, 18, 216-224	ENRICHED URANIUM METAL-SOLUTION SYSTEMS SEPARATED BY NEUTRON POISONS.	TUCK, G. / CLARK, H. E. / ALVAREZ, D. L.	73-06-00	1682
NUTYBB, 18, 225-230	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY.	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E. / BIERMAN, S. R.	73-06-00	1683
NUTYBB, 25, 072-083	CRITICALITY DESIGN OF A LARGE-CAPACITY PLUTONIUM MELTING CRUCIBLE	SCHUSKE, C. L. / DICKINSON, D.	75-01-00	1558
NUTYBB, 25, 502-516	THE CRITICALITY OF PERIODICALLY BORON- POISONED URANIUM SOLUTION SYSTEMS	ROTHE, R. E. / ALVAREZ, D. L. / CLARK, H. E.	75-03-00	1559
NUTYBB, 26, 352-381	CRITICAL EXPERIMENTS-BENCHMARKS (PLUTONIUM-URANIUM SYSTEMS)	BIERMAN, S. R.	75-07-00	1569
NUTYBB, 29, 057-072	LIVERMORE PLUTONIUM ARRAY PROGRAM: EXPERIMENTS AND CALCULATIONS	KOLAR, O. C. / FINN, H. F. / PRUVOST, N. L.	76-04-00	1587
NUTYBB, 30, 101-137	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES	SCHUSKE, C. L. / PAXTON, H. C.	76-08-00	1602
ORNL-0079	FURTHER CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM-WATER MODERATOR AND A BERYLLIUM REFLECTOR	MARTIN, A. B. / MANN, M. M.	48-08-17	1975
ORNL-1634	PRELIMINARY CRITICAL ASSEMBLY FOR THE MOLTEN FLUORIDE REACTOR EXPERIMENT	CALLIHAN, A. D. / SCOTT, D.	53-11-18	2073
ORNL-1715, 12	BORON POISONING IN CRITICAL SLABS	GILLEY, L. W. / CRONIN, D. F. / HARNES, V. G.	54-07-14	196
ORNL-1715, 13-14	CRITICALITY DATA FOR URANIUM-ALUMINUM SLUG LATTICES IN WATER	FOX, J. K. / MARABLE, J. H.	54-07-14	867
ORNL-1726	CRITICAL MASS STUDIES, PART 7 AQUEOUS URANIUM SLURRIES	CRONIN, D. F. / CALLIHAN, A. D.	54-06-17	234
ORNL-1770	PRELIMINARY CRITICAL ASSEMBLIES OF THE REFLECTOR MODERATOR REACTOR	SPENCER, R. M.	54-11-22	1976
ORNL-1858	LOW-POWER CRITICALITY EXPERIMENTS ON THE HOMOGENEOUS REACTOR EXPERIMENT (HRE- 1)	VISNER, S. / WOOD, P. M.	57-04-03	2107
ORNL-1926, 06-07	CRITICAL PARAMETERS OF URANIUM-235 ENRICHED SOLUTIONS IN SPHERICAL GEOMETRY	THOMAS, J. T.	55-09-07	854
ORNL-1926, 07-08	CRITICAL PARAMETERS OF SLIGHTLY ENRICHED URANIUM SOLUTIONS IN SPHERICAL GEOMETRY	CRONIN, D. F. / THOMAS, J. T.	55-09-07	855
ORNL-1926, 08-09	EFFECT OF CONCRETE AS A NEUTRON REFLECTOR	GILLEY, L. W.	55-09-07	856
ORNL-1992	A DIRECT COMPARISON OF SOME NUCLEAR	THOMAS, J. T. / FOX, J. K. / CALLIHAN,	55-00-00	363

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

	PROPERTIES OF URANIUM-233 AND URANIUM-235	A. D.		
ORNL-2021	PRELIMINARY RESULTS OF APPR CRITICAL EXPERIMENTS. PART I	WILLIAMS, D. V. P.	55-11-25	2070
ORNL-2081, 61	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-235	FOX, J. K. / GILLEY, L. W.	56-11-05	205
ORNL-2087	CRITICAL EXPERIMENTS AND NUCLEAR SAFETY AT OAK RIDGE NATIONAL LABORATORY	CALLIHAN, A. D.	56-08-02	2071
ORNL-2128	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT	WILLIAMS, D. V. P. / MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	56-08-21	1977
ORNL-2143	CRITICAL MASS STUDIES, PART-8 AQUEOUS SOLUTIONS OF URANIUM-233	FOX, J. K. / GILLEY, L. W. / ROHRER, E. R.	59-09-23	111
ORNL-2201	TWO BERYLLIUM-MODERATED CRITICAL ASSEMBLIES	ZIMMERMAN, E. L.	58-10-20	101
ORNL-2367	CRITICAL MASS STUDIES, PART-9: AQUEOUS URANIUM-235 SOLUTIONS (CONTINUED)	FOX, J. K. / GILLEY, L. W. / CALLIHAN, A. D.	58-03-04	49
ORNL-2389	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM-235	FOX, J. K. / GILLEY, L. W.	58-00-00	368
ORNL-2609	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	58-10-29	164
ORNL-2842	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	59-09-00	163
ORNL-3016	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN	MIHALCZO, J. T. / LYNN, J. J.	60-09-00	167
ORNL-3193	CRITICAL PARAMETERS OF SOLUTIONS OF URANIUM-235 ENRICHED URANYL NITRATE IN CYLINDRICAL CONTAINERS	FOX, J. K.	61-09-01	868
ORNL-3193, 168	NEW CRITICAL EXPERIMENT MACHINES	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	61-09-01	145
ORNL-3272	CRITICAL MASS STUDIES: PART XI, CRITICAL PARAMETERS OF URANIUM-ALUMINUM ALLOY SLUGS	FOX, J. K. / GILLEY, L. W.	62-05-28	1978
ORNL-3360, 35-36	CRITICAL EXPERIMENTS WITH MIXTURES OF AQUEOUS URANIUM-235-ENRICHED URANYL NITRATE SOLUTIONS AND BOROSILICATE GLASS RINGS	FOX, J. K. / THOMAS, J. T.	62-09-00	2096
ORNL-3360, 37-38	PROMPT NEUTRON LIFETIME IN HYDROGEN-MODERATED URANIUM(3) CRITICAL ASSEMBLIES	MIHALCZO, J. T.	62-09-00	230
ORNL-3360, 39-40	PROMPT-NEUTRON DECAY CONSTANTS FOR UNMODERATED URANIUM METAL CRITICAL ASSEMBLIES WITH LARGE GAPS	MIHALCZO, J. T.	62-09-00	1194
ORNL-3499, 49-50	PROMPT-NEUTRON DECAY CONSTANT VERSUS BUCKLING FOR HYDROGEN-MODERATED 3% URANIUM-235-ENRICHED URANIUM	MIHALCZO, J. T.	63-08-01	1448
ORNL-3499, 57-58	MEASUREMENT AND CALCULATION OF THE PROMPT-NEUTRON DECAY CONSTANT AND EFFECTIVE BUCKLING AS A FUNCTION OF SIZE FOR HOMOGENEOUS URANIUM SOLUTIONS	MAGNUSON, D. W.	63-08-01	1195
ORNL-3499, 58-62	CRITICAL ARRAYS OF URANIUM(93.2) METAL CYLINDERS	THOMAS, J. T.	63-08-01	1196
ORNL-3499, 62-63	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2)	MIHALCZO, J. T.	63-08-01	1197

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

METAL

ORNL-3499, 64-67	PROMPT-NEUTRON DECAY PROPERTIES AND CRITICAL DIMENSIONS OF UNMODERATED CYLINDRICAL URANIUM(93.2) METAL ASSEMBLIES WITH LARGE GAPS	MIHALCZO, J. T.	63-08-01	1198
ORNL-3499, 68	DSN TRANSPORT CALCULATIONS OF CRITICAL SPHERES OF URANIUM SOLUTIONS	MAGNUSON, D. W.	63-08-01	1199
ORNL-3499, 69	SMALL GRAPHITE-OR BERYLLIUM-REFLECTED URANIUM-DIOXIDE CRITICAL ASSEMBLIES	MIHALCZO, J. T.	63-08-01	1200
ORNL-3499, 77-81	APPLICATION OF MONTE CARLO CALCULATIONAL TECHNIQUES TO THE STUDY OF FAST CRITICAL ASSEMBLIES	KINNEY, W. E. / MIHALCZO, J. T. / HAPPER, I.	63-08-01	1201
ORNL-3714, 31	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM	JOHNSON, E. B. / CRONIN, D. F.	64-12-00	738
ORNL-3714, 33	GEOMETRICALLY COMPLICATED CRITICAL ASSEMBLIES OF 93.2 PERCENT ENRICHED URANIUM METAL	MIHALCZO, J. T.	64-12-00	828
ORNL-3714, 36	CRITICAL EXPERIMENTS AND CALCULATIONS WITH REFLECTED ANNULAR CYLINDERS OF URANIUM(93.2) METAL	MIHALCZO, J. T.	64-12-00	832
ORNL-3858, 19	EXPERIMENTS AND CALCULATIONS ON URANIUM MOLYBDENUM ALLOY CRITICAL ASSEMBLIES	MIHALCZO, J. T. / KINNEY, W. E.	65-11-00	862
ORNL-3973, 14	CRITICALITY OF A SPHERE OF 4.98% ENRICHED URANYL FLUORIDE SOLUTION	JOHNSON, E. B.	66-05-31	614
ORNL-4134, 32	CRITICALITY OF AQUEOUS SOLUTIONS OF 5 PERCENT ENRICHED URANIUM	WEBSTER, J. W. / JOHNSON, E. B.	67-08-00	885
ORNL-4134, 32-34	ENRICHED URANIUM METAL AND POLYETHYLENE CRITICAL EXPERIMENTS FOR HYDROGEN/URANIUM-235 RATIOS FROM 0 TO 5	MAGNUSON, D. W.	67-08-00	886
ORNL-4143, 28-29	HOMOGENEOUS CRITICAL ASSEMBLIES OF LOW ENRICHMENT URANIUM TETRAFLUORIDE IN PARAFFIN	RAFFETY, S. J.	67-08-00	819
ORNL-4143, 31-32	CRITICAL LATTICES OF URANIUM(4.89) METAL RODS IN WATER	JOHNSON, E. B.	67-08-00	884
ORNL-4193, 131	HOMOGENEOUS CRITICAL ASSEMBLIES OF 3 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN	MIHALCZO, J. T. / LYNN, J. J.	61-10-00	1147
ORNL-4193, 159-167	CRITICAL ARRAYS OF NEUTRON-INTERACTING UNITS	GILLEY, L. W. / CRONIN, D. F. / FOX, J. K. / THOMAS, J. T.	61-10-00	2093
ORNL-4193, 168-173	NEW CRITICAL EXPERIMENT MACHINES	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	61-10-00	1202
ORNL-4263	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA	KISTNER, G. / MIHALCZO, J. T.	68-06-00	32
ORNL-4280, 37	PRELIMINARY STATIC EXPERIMENTS WITH THE REPETITIVELY PULSED CRITICAL ASSEMBLY	MIHALCZO, J. T.	68-00-00	1148
ORNL-4280, 41-43	MONTE CARLO CALCULATIONS OF THICK-GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES	MIHALCZO, J. T.	68-00-00	1205
ORNL-4280, 43	CRITICAL PARAMETERS OF ENRICHED URANIUM METAL PARTLY REFLECTED BY POLYETHYLENE	MIHALCZO, J. T.	68-00-00	1206
ORNL-4280, 50-51	HOMOGENEOUS ASSEMBLIES OF URANIUM(2)-TETRAFLUORIDE IN PARAFFIN AT AN HYDROGEN/URANIUM-235 ATOMIC RATIO OF 972	RAFFETY, S. J.	68-00-00	1208

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

ORNL-4280, 51-53	NEUTRON AGE AND INFINITE-MEDIUM NEUTRON MULTIPLICATION FACTOR FOR URANIUM-TETRAFLUORIDE PARAFFIN MIXTURES WITH LOW URANIUM-235 ENRICHMENT	RAFFETY, S. J. / MIHALCZO, J. T.	68-00-00	1209
ORNL-4280, 53-55	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-233(1), OXYGEN(2), (NITROGEN(1)-OXYGEN(3))(2)	THOMAS, J. T.	68-00-00	1211
ORNL-CDC-02	CALCULATED NEUTRON MULTIPLICATION FACTORS OF UNIFORM AQUEOUS SOLUTIONS OF URANIUM-233 AND URANIUM-235	WEBSTER, J. W.	67-10-00	439
ORNL-CDC-05	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS HYDROGENOUS URANYL NITRATE	BIERMAN, S. R. / HESS, G. M.	68-06-00	42
ORNL-CF-54-12-21	PRELIMINARY CRITICAL ASSEMBLY FOR SUPER CRITICAL WATER REACTOR, PART-2	NOAKS, J. W. / CRUDELE, J. S.	54-12-01	1969
ORNL-CF-55-10-97	CRITICAL EXPERIMENTS WITH URANIUM OF INTERMEDIATE URANIUM-235 CONTENT	CALLIHAN, A. D. / CRONIN, D. F.	55-10-21	2044
ORNL-CF-56-2-63	CRITICAL PARAMETERS OF A PROTON MODERATED AND PROTON REFLECTED SLAB OF URANIUM-235	FOX, J. K. / GILLEY, L. W.	56-02-07	369
ORNL-CF-56-7-148	PRELIMINARY REPORT OF CRITICAL EXPERIMENTS IN SLAB GEOMETRY	FOX, J. K. / GILLEY, L. W.	56-07-30	76
ORNL-CF-58-8-3	CRITICAL EXPERIMENTS WITH 2.09% URANIUM-235 ENRICHED URANIUM METAL PLATES IN WATER	FOX, J. K. / MIHALCZO, J. T. / GILLEY, L. W.	58-08-03	1970
ORNL-CF-58-8-5	CRITICAL PARAMETERS FOR POISONED ANNULAR CYLINDERS CONTAINING AQUEOUS SOLUTIONS OF URANIUM-235	FOX, J. K. / GILLEY, L. W.	58-08-01	372
ORNL-CF-58-9-39	SOME STUDIES OF WATER, STYROFOAM AND PLEXIGLAS REFLECTORS	FOX, J. K. / GILLEY, L. W.	58-00-00	371
ORNL-CF-58-9-40	CRITICAL EXPERIMENTS WITH ARRAYS OF ORR AND BSR FUEL ELEMENTS	FOX, J. K. / GILLEY, L. W.	58-10-02	1971
ORNL-CF-59-4-120	PRELIMINARY REPORT ON 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE/PARAFFIN CRITICAL ASSEMBLIES	MIHALCZO, J. T. / LYNN, J. J. / SCOTT, D. / CONNOLLY, W. C.	59-04-22	204
ORNL-CF-59-7-87	MULTIPLICATION MEASUREMENTS WITH HIGHLY ENRICHED URANIUM METAL SLABS	MIHALCZO, J. T. / LYNN, J. J.	59-07-27	210
ORNL-CF-60-04-24	COMPARISON OF K(INF) MEASUREMENTS IN A CRITICAL ASSEMBLY WITH K(INF) MEASUREMENTS IN THE PHYSICAL CONSTANTS TESTING REACTOR	MIHALCZO, J. T.	60-05-03	373
ORNL-CF-60-40-12	CRITICAL EXPERIMENTS FOR REACTOR PHYSICS STUDIES	GWIN, R. / MAGNUSON, D. W.	60-09-16	114
ORNL-CF-61-04-33	NEUTRON MULTIPLICATION EXPERIMENTS WITH ENRICHED URANIUM METAL IN SLAB GEOMETRY	MIHALCZO, J. T. / LYNN, J. J.	61-04-10	21
ORNL-CF-61-08-71	OAK RIDGE NATIONAL LABORATORY FAST BURST REACTOR: CRITICAL EXPERIMENTS AND CALCULATIONS	KINNEY, W. E. / MIHALCZO, J. T.	61-08-24	34
ORNL-TM-0189	REACTIVITY CALIBRATIONS AND FISSION-RATE DISTRIBUTIONS IN AN UNMODERATED, UNREFLECTED URANIUM-MOLYBDENUM ALLOY RESEARCH REACTOR	MIHALCZO, J. T.	62-05-10	107
ORNL-TM-0264	CRITICAL MASS STUDIES. PART XII. ROVER REACTOR FUEL ELEMENTS	JOHNSON, E. B. / FOX, J. K.	62-09-18	1695
ORNL-TM-0349, REV. 1	A SAFETY ANALYSIS OF THE OAK RIDGE	NONE	67-00-00	247

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

CRITICAL EXPERIMENTS FACILITY

ORNL-TM-0450	A SMALL GRAPHITE-REFLECTED URANIUM-DIOXIDE ASSEMBLY	MIHALCZO, J. T.	62-12-28	1972
ORNL-TM-0470	PROMPT NEUTRON DECAY IN A TWO-COMPONENT ENRICHED URANIUM METAL CRITICAL ASSEMBLY	MIHALCZO, J. T.	63-01-11	30
ORNL-TM-0499	CRITICAL MASS STUDIES - PART 13, BOROSILICATE GLASS RASCHIG RINGS IN AQUEOUS URANYL NITRATE SOLUTIONS	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	63-02-06	375
ORNL-TM-0719	CRITICAL THREE DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS	THOMAS, J. T.	63-10-01	206
ORNL-TM-0868	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS, PART-2 - URANIUM METAL ENRICHED TO 93.2 PERCENT IN THE URANIUM-235 ISOTOPE	THOMAS, J. T.	64-07-00	110
ORNL-TM-1195	CRITICALITY OF A SINGLE UNIT OF AQUEOUS URANYL FLUORIDE SOLUTION ENRICHED TO 5 PERCENT IN URANIUM-235	WEBSTER, J. W. / JOHNSON, E. B.	65-07-23	124
ORNL-TM-1207	CRITICAL EXPERIMENTS WITH SPERT-D FUEL ELEMENTS	JOHNSON, E. B. / REEDY, R. K.	65-07-14	615
ORNL-TM-1220	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS	MIHALCZO, J. T.	65-08-19	1159
ORNL-TM-1566	CRITICALITY OF LATTICES OF HEAT TRANSFER REACTOR EXPERIMENT FUEL ELEMENTS	JOHNSON, E. B. / REEDY, R. K.	66-07-20	1153
ORNL-TM-1704	CRITICALITY SAFETY TESTS FOR ROVER REACTOR FUEL ELEMENTS	CRUME, E. C. / JOHNSON, E. B.	66-12-01	1973
ORNL-TM-1808	CRITICAL LATTICES OF HIGH FLUX ISOTOPE REACTOR FUEL ELEMENTS	JOHNSON, E. B.	67-03-20	1151
ORNL-TM-2082	CRITICAL EXPERIMENTS WITH ENRICHED URANIUM METAL-POLYETHYLENE, -PLEXIGLAS, AND -TEFLON MIXTURES	MAGNUSON, D. W.	68-02-00	45
ORNL-TM-2187	OSR MONTE CARLO CALCULATIONS OF LOW-ENRICHED URANIUM THERMAL CRITICAL ASSEMBLIES, AND EVIDENCE OF ERRORS IN URANIUM-238 CROSS SECTIONS	WEBSTER, J. W.	68-11-00	453
ORNL-TM-4767	CRITICALITY CALCULATIONS FOR PLUTONIUM-DIOXIDE/URANIUM-DIOXIDE/WATER MIXTURES USING ENDF/B VERSION III CROSS SECTION DATA AND 123 GROUP XSRDRN TRANSPORT CODE	MAGNUSON, D. W.	74-12-00	1710
ORNL-TM-5113	COMPARISON OF HANSEN-ROACH AND ENDF/B-IV CROSS SECTIONS FOR URANIUM CRITICALITY CALCULATIONS	MC NEANY, S. R. / JENKINS, J. D.	76-01-00	1728
ORNL/ENG-2	THE CRITICALITY OF HETEROGENEOUS LATTICES OF EXPERIMENTAL BERYLLIUM OXIDE REACTOR FUEL PINS IN WATER AND IN AQUEOUS SOLUTIONS CONTAINING BORON AND URANYL NITRATE	JOHNSON, E. B.	76-07-00	1439
ORNL/TM-5443	CALCULATED LIMITING CRITICAL CONCENTRATIONS OF PLUTONIUM IN NATURAL URANIUM AND WATER	MAGNUSON, D. W.	76-05-00	1430
PB-255728	CLEAN CRITICAL EXPERIMENT BENCHMARKS FOR PLUTONIUM RECYCLE IN LWR'S. VOLUME I. FINAL REPORT	SMITH, R. I. / KONZEK, G. J.	76-04-00	1936
PEL-170	SAFETY REPORT ON THE PELINDUNA CRITICAL EXPERIMENTS	DE VILLIERS, J. W. L.	68-02-00	126

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38	THE LADA PHYSICS TEST STAND	YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A.	68-00-00	1752
PHYSICS TODAY, SEPT. (1965), 46-52	PLUTONIUM CRITICALITY EXPERIMENTS	CLAYTON, E. D.	65-09-00	1264
PNL-2273	BENCHMARK EXPERIMENTS TO TEST PLUTONIUM AND STAINLESS STEEL CROSS SECTIONS	JENQUIN, U. P. / BIERMAN, S. R.	78-06-00	2110
PNL-2438	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS	BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	77-10-00	2094
PNL-2700	HANDBOOK OF CRITICAL EXPERIMENTS BENCHMARKS	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	78-03-00	2109
PNR/SETR 69.031	USE OF INTEGRAL EXPERIMENTS TO IMPROVE THE CADARACHE CROSS SECTION SET - SET VERSION NO. 2 - APPLICATION TO PHENIX	BARRE, J. Y. / RAVIER, J.	69-03-00	1394
PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 408-411	ANALYSIS OF ZPR-3 FAST CRITICAL ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA.	MAHALINGAM, L. M. / SHANKAR SINGH, R.	68-12-00	1781
PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 412-415	A 26 GROUP CROSS-SECTION SET AND THE ANALYSIS OF ZPR-6 ASSEMBLY 4 Z	SHUKLA, V. K. / GARG, S. B.	68-12-00	1782
RCN-118	MEASUREMENTS AND CALCULATIONS ON THERMAL, ARGONAUT TYPE, CORES IN THE STEK-FACILITY AT PETTEN.	COEHOORN, J. / KLIPPEL, H. TH. / DE MEULEMEESTER, F. M. /	70-02-00	1865
RFP-0051	NEUTRON MULTIPLICATION MEASUREMENTS OF ORALLOY UNITS IN ARRAYS	SCHUSKE, C. L.	55-06-29	604
RFP-0059	NEUTRON MULTIPLICATION MEASUREMENTS OF PARALLEL ARRAYS OF ORALLOY UNITS	SCHUSKE, C. L.	60-11-14	483
RFP-0066	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSSED IN SOLUTIONS. PART-1	SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F.	56-08-06	189
RFP-0069	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSSED IN SOLUTION. PART-2	SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F.	56-10-25	190
RFP-0089	SUBCRITICAL MEASUREMENTS ON PARALLELEPIPEDS CONTAINING URANIUM-235 AND SALT EUTECTIC	SCHUSKE, C. L. / ARTHUR, M. G. / GOODWIN, A. / NICKEL, A. N. / SMITH, D. F.	57-11-27	1113
RFP-0123	PLUTONIUM GRAPHITE ASSEMBLIES	GOODWIN, A. / SCHUSKE, C. L.	58-09-29	200
RFP-0158	PLUTONIUM GRAPHITE ASSEMBLIES - PART-2	GOODWIN, A. / SCHUSKE, C. L.	59-08-10	199
RFP-0174	INTERACTION OF TWO METAL SLABS OF PLUTONIUM IN PLEXIGLASS	SCHUSKE, C. L. / GOODWIN, A. / BIDINGER, G. H. / SMITH, D. F.	59-12-28	181
RFP-0178	PLUTONIUM PLEXIGLAS ASSEMBLIES	SCHUSKE, C. L. / BIDINGER, G. H. / GOODWIN, A. / SMITH, D. F.	60-01-20	170
RFP-0182	CRITICALITY STUDIES OF ENRICHED URANIUM METAL IN URANYL NITRATE SOLUTIONS	GOODWIN, A. / SCHUSKE, C. L. / BIDINGER, G. H.	60-01-26	1987
RFP-0190	PLUTONIUM PLEXIGLAS ASSEMBLIES PART-2	BIDINGER, G. H. / SCHUSKE, C. L. / SMITH, D. F.	60-07-27	171
RFP-0201	NUCLEAR SAFETY EXPERIMENTS ON PLUTONIUM AND ENRICHED URANIUM HYDROGEN MODERATED ASSEMBLIES CONTAINING BORON	BIDINGER, G. H. / SCHUSKE, C. L. / SMITH, D. F.	60-07-07	194

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

RFP-0213	PLEXIGLAS-REFLECTED ASSEMBLIES OF PLUTONIUM	SCHUSKE, C. L. / SMITH, D. F. / BELL, C. L.	61-01-10	182
RFP-0246	NUCLEAR SAFETY MEASUREMENTS ON SYSTEMS CONTAINING BORON AND ENRICHED URANIUM	SCHUSKE, C. L. / BIDINGER, G. H.	61-08-00	195
RFP-0248	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM	SCHUSKE, C. L. / BELL, C. L. / BIDINGER, G. H. / SMITH, D. F.	62-01-10	109
RFP-0315	EMPIRICAL ANALYSIS OF CRITICAL BARE ARRAYS OF CYLINDERS OF ENRICHED URANIUM NITRATE	SCHUSKE, C. L. / ERNST, B. B. / KING, H. W.	63-05-29	649
RFP-0325	TWO EXPERIMENTAL SUBCRITICAL ARRAYS OF PLUTONIUM NITRATE SOLUTION	SCHUSKE, C. L. /	63-08-26	208
RFP-0684, 005-006	METAL PARTS TEST... PUBLISHED IN NUCLEAR SAFETY RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT FOR JULY, AUGUST, AND SEPTEMBER 1965, EDITED BY SCHUSKE, C. L.	ERNST, B. B. / RISLEY, G. G. / TUCK, G.	66-02-04	131
RFP-0907	ENRICHED URANIUM-METAL MEASUREMENTS, NO. 1	TUCK, G.	67-07-26	177
RFP-1017	CRITICAL MASSES OF OIL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES WITH POLYURETHANE CENTERS	ERNST, B. B.	67-09-06	807
RFP-1021	CRITICAL MASSES FOR PARTIALLY STEEL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES	ROTHER, R. E.	67-09-18	484
RFP-1025	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL STEEL-MODERATED, OIL-REFLECTED ENRICHED URANIUM ASSEMBLIES	ERNST, B. B. / TUCK, G.	67-11-06	1164
RFP-1033	CRITICAL MASSES OF STEEL-MODERATED, ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	67-11-07	15
RFP-1314	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB--CYLINDER SYSTEM.	TUCK, G. / CLARK, H. E.	70-12-16	1806
RFP-2710	BENCHMARK CRITICAL EXPERIMENTS ON HIGH-ENRICHED URANYL NITRATE SOLUTION SYSTEMS	ROTHER, R. E. / OH, I.	78-04-00	2095
RFP-2795	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1978, THROUGH MARCH 31, 1978)	OH, I. / PECORA, D. / ROTHER, R. E.	78-06-00	2111
RFP-NUREG-2481	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JULY 1, 1975 THROUGH DECEMBER 31, 1975)	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHER, R. E. / TUCK, G.	76-01-00	1433
RFP-NUREG-2517	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JANUARY 1, 1976--MARCH 31, 1976	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHER, R. E. / SHEETS, W. R.	76-05-00	1606
RFP-NUREG-2555	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, APRIL 1, 1976--JUNE 30, 1976	SCHUSKE, C. L. / DICKINSON, D. / ROTHER, R. E.	76-08-00	1607
RFP-NUREG-2582	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JULY 1, 1976--SEPTEMBER 30, 1976	SCHUSKE, C. L. / ROTHER, R. E.	76-10-00	1511
RFP-NUREG-2622	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, OCTOBER 1, 1976--DECEMBER 31, 1976	SCHUSKE, C. L. / DICKINSON, D. / ROTHER, R. E. / OH, I. / GAYLORD, N. D.	77-02-00	1939
RFP-NUREG-2660	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1977, THROUGH MARCH 31, 1977)	SCHUSKE, C. L. / DICKINSON, D. / GAYLORD, N. D. / OH, I. / ROTHER, R. E. / TUCK, G.	77-05-00	1434

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

RFP-NUREG-2690	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD APRIL 1, 1977, THROUGH JUNE 30, 1977)	DICKINSON, D. / GAYLORD, N. D. / ROTHE, R. E. / TUCK, G.	77-09-00	1435
RT/FI-(67)7	FIRST CRITICALITY AND CALIBRATION EXPERIMENTS OF THE RC-4 RITMO REACTOR.	PEDRETTI, E.	67-00-00	1931
SLA-74-0271	CRITICALITY EVALUATION OF THE ACPR FUEL- ELEMENT STORAGE RACK	ESTES, B. F. / MORRIS, F. M. / PHILBIN, J. S.	75-02-00	1712
SNA/NM/A/13/61	INTERIM NOTE ON CRITICAL MASS MEASUREMENTS WITH 30% ENRICHED URANIUM/HYDROGEN MIXTURES AT LOW HYDROGEN/URANIUM RATIOS	THOMAS, A. F.	61-10-03	1445
SNA/NM/A/14/61	INTERIM NOTE ON CRITICAL THICKNESS MEASUREMENTS WITH 45% ENRICHMENT URANIUM SLABS	THOMAS, A. F.	61-10-03	1443
SOVIET ATOMIC ENERGY VOL. 18 NO. 2	HOMOGENEOUS CRITICAL ASSEMBLY WITH A PROFILED FUEL CHARGE	KRASIN, A. K. / INYUTIN, E. I.	65-02-00	787
TANSO, 01, 1, 098- 099	EXPERIMENTS WITH THORIA-URANIA- DEUTERIUM OXIDE WATER CRITICALS	ARMSTRONG, J. W. / BEIDELMAN, J. A. / KAUFMANN, S. G. / PLUMLEE, K. E.	58-06-00	465
TANSO, 01, 1, 149- 150	PHYSICS CALCULATIONS ON FOUR LOS ALAMOS GRAPHITE MODERATED CRITICAL ASSEMBLIES	ISKENDERIAN, H. / BYERS, C. C.	58-06-00	136
TANSO, 01, 2, 062- 063	NEUTRON MULTIPLICATION MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	59-06-00	2035
TANSO, 02, 2, 041- 042	EXPERIMENTAL AND THEORETICAL REACTIVITY STUDIES OF STAINLESS STEEL FUEL ELEMENTS	SPANO, A. H. / METCALF, D. R.	59-11-00	2037
TANSO, 02, 2, 042- 043	A COMPARISON OF SOME CRITICALITY CALCULATIONS WITH EXPERIMENT	NESTOR, C. W.	59-11-00	2038
TANSO, 02, 2, 080	MULTIPLICATION MEASUREMENTS WITH SLABS OF ENRICHED URANIUM	MIHALCZO, J. T. / LYNN, J. J.	59-11-00	2039
TANSO, 02, 2, 080- 084	A THORIUM-URANIUM EXPONENTIAL EXPERIMENT	SKEEN, C. H. / BROWN, W. W.	59-11-00	2040
TANSO, 02, 2, 084- 085	GRAPHITE - URANIUM EXPONENTIAL MEASUREMENTS FOR LARGE FUEL ELEMENTS	WOOD, D. E. / ENDRES, G. W. R.	59-11-00	2041
TANSO, 02, 2, 085- 086	INITIAL EXPERIMENTS WITH THE ORGANIC- MODERATED REACTOR CRITICAL ASSEMBLY	ZWETZIG, G. B. / BELLER, L. S. / FIELD, H. C. / MOUNTFORD, L. A. / TUTTLE, R. J.	59-11-00	2042
TANSO, 02, 2, 162- 163	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS FUELED BY THIN ENRICHED URANIUM FOILS	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	59-06-00	2032
TANSO, 02, 2, 168- 169	REACTIVITY AND FLUX MEASUREMENTS IN HIGHLY REFLECTED URANIUM-235-BISMUTH- GRAPHITE CRITICAL EXPERIMENTS	ENGELDER, T. C. / GIESLER, H. W. / FARRARR, J. P.	59-06-00	2033
TANSO, 03, 021-023	BUCKLING MEASUREMENTS ON NATURAL URANIUM - HEAVY WATER LATTICES AT TEMPERATURES UP TO 215 DEGREE CENTIGRADE	HENNELLY, E. J. / PARKINSON, T. F. / ROGERS, W. B.	60-06-00	762
TANSO, 03, 070-071	SHAPE PERTURBATIONS IN CRITICAL EXPERIMENTS	REARDON, W. A. / LLOYD, R. C.	60-06-00	846
TANSO, 03, 071-072	HIGH TEMPERATURE GRAPHITE CRITICAL EXPERIMENTS	GOLDBERG, E. / FINKE, R. G. /REYNOLDS, H. L.	60-06-00	255
TANSO, 03, 074-075	NEUTRON AGE AND NON-LEAKAGE PROBABILITY FOR A 2 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE - PARAFFIN MIXTURE WITH A HYDROGEN/URANIUM RATIO OF 404	MIHALCZO, J. T.	60-06-00	847

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

TANSO, 03, 075-076	EXPERIMENTAL LATTICES PARAMETERS FOR HEAVY WATER - NATURAL URANIUM LATTICES	HURLEY, T. J. / O'NEILL, G. F.	60-06-00	848
TANSO, 03, 104-105	AN ENRICHED URANIUM DIOXIDE - ZIRCONIUM DIHYDRIDE CRITICAL ASSEMBLY	DAVIS, M. V. / THIELE, A. W.	60-06-00	849
TANSO, 03, 109	CRITICAL EXPERIMENTS IN SLAB GEOMETRIES	HARTFIELD, R. A. / FINN, H. F. / NEWHOLD, R. J. / VOLLMER, R. H.	60-06-00	850
TANSO, 03, 213-214	RESONANCE ABSORPTION OF NEUTRONS IN THICK SHEETS OF MOLYBDENUM	GOLDBERG, E. / KLOVERSTROM, F. A.	60-06-00	333
TANSO, 03, 292-293	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER	NEELEY, V. I. / CLAYTON, E. D. / LLOYD, R. C.	60-06-00	236
TANSO, 03, 331-332	CRITICAL EXPERIMENTS INVOLVING GAPS IN SIMPLE CONFIGURATIONS	GOLDBERG, E. / KLOVERSTROM, F. A. / KRAFT, D. E.	60-12-00	256
TANSO, 03, 334-335	HIGH TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENTS	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	60-12-00	254
TANSO, 04, 047-048	EXPONENTIAL EXPERIMENTS IN URANIUM- DIPHENYL LATTICES	CAMPBELL, R. W. / GUZZLE, T. L. / PASCHALL, R. K.	61-06-00	1480
TANSO, 04, 048-049	BUCKLING MEASUREMENTS OF HEAVY-WATER MODERATED CLUSTERS OF NATURAL URANIUM OXIDE RODS	BAUMANN, N. P. / HENNELLY, E. J.	61-06-00	1481
TANSO, 04, 053-054	ANALYTICAL AND EXPERIMENTAL RESULTS FOR A COMPACT, ZIRCONIUM HYDRIDE MODERATED CRITICAL ASSEMBLY	MOSS, L. I. / PODEWELTZ, C. M. / RANDALL, R. L. / SHAPIRO, J. L. / WIMMER, R. E.	61-06-00	1484
TANSO, 04, 054-055	CRITICAL ARRAYS OF NEUTRON INTERACTING UNITS	GILLEY, L. W. / THOMAS, J. T.	61-06-00	1485
TANSO, 04, 055	CRITICAL MEASUREMENTS FOR THE KIWI-A NUCLEAR PROPULSION TEST REACTOR	HOOGERP, J. C. / ORNDOFF, J. D.	61-06-00	1488
TANSO, 04, 055-056	SPECIAL FEATURES OF THE ADVANCED EPITHERMAL THORIUM REACTOR CRITICAL ASSEMBLY	MOREWITZ, H. A. / CARPENTER, S. G. / EGGEN, D. T. / MYHRE, C.	61-06-00	1490
TANSO, 04, 056-057	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMI-HOMOGENEOUS CRITICAL ASSEMBLY	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	61-06-00	1491
TANSO, 04, 103-104	NATURAL URANIUM-HEAVY-WATER BUCKLINGS OVER AN EXTENDED RANGE OF PITCH AND FUEL ASSEMBLY SIZE	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	61-06-00	1492
TANSO, 04, 104	HETEROGENEOUS URANIUM METAL-GRAPHITE CRITICAL EXPERIMENTS	GUDERJAHN, C. A.	61-06-00	1493
TANSO, 04, 104-106	CRITICAL EXPERIMENTS ON ENRICHED URANIUM STAINLESS STEEL WATER MODERATED LATTICES	WELSHANS, L. M. / JOHNSON, K. M.	61-06-00	1494
TANSO, 04, 109-110	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A	DE VILLIERS, J. W. L. / BAIRD, Q. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	61-06-00	1495
TANSO, 04, 110-111	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART B	JULIANO, J. / KELBER, C. N. / PLUMLEE, K. E.	61-06-00	1497
TANSO, 04, 111	PM-1 ZERO POWER TEST EXPERIMENTAL STUDIES	ROSENTHAL, H. B.	61-06-00	1498
TANSO, 04, 112-113	INITIAL CRITICALITY AND EXPERIMENTS ON N. S. SAVANNAH CORE I	BALL, R. M. / MACKINNEY, A. L.	61-06-00	1499
TANSO, 04, 115-116	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS	TRIPLETT, J. R. / SCHMID, L. C. / PETERSON, R. E. / DUNN, R. E. / REGIMBAL, J. J.	61-06-00	1998

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

TANSAO, 04, 295-296	MEASURED NUCLEAR PARAMETERS FOR NATURAL URANIUM ROD LATTICES IN HEAVY WATER	HURLEY, T. J. / O'NEILL, G. F.	61-11-00	1999
TANSAO, 04, 296-298	COMPARISON OF EXPONENTIAL AND CRITICAL BUCKLINGS FOR NATURAL URANIUM RODS IN HEAVY WATER	WINGFIELD, E. C. / HENNELLY, E. J.	61-11-00	2000
TANSAO, 04, 298-299	CRITICAL EXPERIMENTS WITH LOW ENRICHED DOUBLE ANNULAR SUPERHEATER FUEL ELEMENTS IN LIGHT WATER AND THEIR ANALYSIS	KLANN, P. G. / DECHAND, C. O. / FEIN, E. / WRIGHT, W. B.	61-11-00	2001
TANSAO, 04, 299-300	DESCRIPTION AND ANALYSIS OF SOME "OVER-MODERATED" CRITICAL EXPERIMENTS FROM 68-550 DEGREES FARENHEIT	MILEY, G. H. / GILLESPIE, R. D. / POLLARD, J. W. / BISTLINE, J. A.	61-11-00	2002
TANSAO, 04, 300-301	DESCRIPTION AND ANALYSIS OF SOME SEMI-DISTRIBUTED BORON CORES	MILEY, G. H. / MILLER, B. / HOLMES, J. H.	61-11-00	2003
TANSAO, 04, 302-303	EXPERIMENTS AND CALCULATIONS ON UNMODERATED URANIUM-MOLYBDENUM ALLOY CRITICAL ASSEMBLIES	MIHALCZO, J. T. / KINNEY, W. E.	61-11-00	2004
TANSAO, 04, 303-304	ANALYSIS OF A BERYLLIUM MODERATED CRITICAL EXPERIMENT	SRIKANTIAH, G.	61-11-00	2005
TANSAO, 04, 304-305	PRESSURE TUBE REACTOR CRITICAL EXPERIMENT	POWELL, R. R. / WILLIAMS, P. M.	61-11-00	2006
TANSAO, 04, 305	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	61-11-00	2007
TANSAO, 04, 305-306	NUCLEAR ANALYSIS OF 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES	WITTKOPF, W. A. / ROACH, K. E.	61-11-00	2008
TANSAO, 04, 307	INITIAL OPERATION AND EXPERIMENTATION WITH THE CONSOLIDATED EDISON THORIUM REACTOR	BALL, R. M.	61-11-00	2009
TANSAO, 04, 310	SOME RECENT ZERO-POWER PHYSICS MEASUREMENTS ON THE ORGANIC MODERATED REACTOR EXPERIMENT	WOLFE, W. B. / MACK, R. J.	61-11-00	2010
TANSAO, 05, 075-076	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	CLAYTON, E. D. / LLOYD, R. C. / REARDON, W. A.	62-00-00	357
TANSAO, 05, 079-080	EXPERIMENTS INVOLVING GAPS IN CRITICAL ASSEMBLIES	COLE, A. G.	62-00-00	1219
TANSAO, 05, 344-345	PRECISE CRITICALITY DETERMINATIONS IN THE SOLID HOMOGENEOUS ASSEMBLY	FEINER, F. / WEINSTEIN, S. / OAKS, W. C. / COOPER, K. V.	62-11-00	2046
TANSAO, 05, 367-368	ON THE PHYSICS OF SEMI-HOMOGENEOUS GRAPHITE URANIUM-235 REACTORS	GOODJOHN, A. J. / JOANOU, G. D. / WIKNER, N. F.	62-11-00	1269
TANSAO, 06, 052-053	BUCKLINGS AND DISADVANTAGE FACTORS OF SEVERAL WATER-MODERATED, 1.25%-ENRICHED URANIUM METAL SLAB LATTICES	WINDSOR, H.	63-06-00	2047
TANSAO, 06, 053-054	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY-WATER-MODERATED, ORGANIC- OR WATER-COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS	BENTON, F. D. / GRAVES, W. E.	63-06-00	2048
TANSAO, 06, 171-172	THE EFFECT OF BOROSILICATE GLASS RASCHIG RINGS ON THE CRITICALITY OF AQUEOUS URANYL NITRATE SOLUTIONS	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	63-11-00	1473
TANSAO, 06, 217	CRITICAL EXPERIMENTS WITH BORAX-V SUPERHEATER ELEMENTS	PLUMLEE, K. E. / BAIRD, Q. L. / STANFORD, G. S. / AMUNDSON, P. I.	63-11-00	1474
TANSAO, 06, 217-218	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2)	MIHALCZO, J. T.	63-11-00	1475

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

METAL

TANSAO, 06, 219-220	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 1, EXPERIMENTS	WARZEK, F. G. / JOHNSTON, H. F.	63-11-00	1476
TANSAO, 06, 220-221	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 2, ANALYSES	PETERSEN, G. T.	63-11-00	1477
TANSAO, 06, 221	REACTIVITY WORTH OF TRANSVERSE GAPS	WEINSTEIN, S. / FEINER, F.	63-11-00	1478
TANSAO, 06, 223-225	RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES	ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A.	63-11-00	1479
TANSAO, 07, 048-049	PROMPT NEUTRON LIFETIME IN ENRICHED URANIUM METAL CYLINDERS	MIHALCZO, J. T.	64-06-00	691
TANSAO, 07, 081	HOMOGENEOUS CRITICAL EXPERIMENTS WITH PLUTONIUM/PLASTIC MIXTURES IN THE INTERMEDIATE ENERGY RANGE	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	64-06-00	298
TANSAO, 07, 216	CRITICAL MASSES AND BUCKLINGS OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER SYSTEMS	LIKALA, R. C. / STINSON, W. P. / WORDEN, J. R.	64-11-00	798
TANSAO, 07, 287-288	MONTE CARLO CALCULATIONS FOR ENRICHED URANIUM METAL ASSEMBLIES	IRVING, D. C. / MIHALCZO, J. T.	64-11-00	801
TANSAO, 07, 295	MATERIAL BUCKLINGS OF URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES - MEASUREMENTS	HILLIG, O. R. / LATHAM, D. W.	64-11-00	802
TANSAO, 07, 301-303	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM	JOHNSON, E. B. / CRONIN, D. F.	64-11-00	808
TANSAO, 08, 200-201	EFFECT OF DISTRIBUTION OF FISSILE MATERIAL ON CRITICAL MASS	CLARK, H. K.	65-06-00	1259
TANSAO, 08, 249	EXPERIMENTAL THERMAL DISADVANTAGE FACTORS IN SOME VERY UNDERMODERATED 3 PERCENT ENRICHED WATER - URANIUM OXIDE LATTICES	BOYNTON, A. R.	65-06-00	843
TANSAO, 08, 253-254	EXPERIMENTAL LATTICE PARAMETERS FOR 28-ROD CLUSTERS OF NATURAL URANIUM DIOXIDE IN HEAVY WATER	GREEN, R. E. / SERDULA, K. J. / BIGHAM, C. B.	65-06-00	845
TANSAO, 08, 439-440	A COMPARISON OF ANALYSIS WITH EXPERIMENT FOR THE SAXTON PLUTONIUM CRITICAL EXPERIMENTS	ORR, W. L. / STERNBERG, H. I. / DEROMIX, P.	65-11-00	757
TANSAO, 08, 441	NEUTRONIC ISOLATION CHARACTERISTICS OF CONCRETE, LEAD, WOOD POLYETHYLENE AND BERYLLIUM	MC GRELESS, T. G. / SMITH, D. R. / JARVIS, G. A. / DUFFEY, D.	65-11-00	836
TANSAO, 08, 441-442	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS	WHITE, J. D. / RICHEY, C. R.	65-11-00	837
TANSAO, 08, 442-443	CRITICAL URANIUM METAL ANNULI REFLECTED WITH POLYTHENE AND GRAPHITE	MIHALCZO, J. T.	65-11-00	838
TANSAO, 08, 443-444	RECENT EXPONENTIAL AND CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM METAL TUBES IN LIGHT WATER	BROWN, C. L. / LLOYD, R. C.	65-11-00	839
TANSAO, 08, 444-445	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	65-11-00	840
TANSAO, 08, 448-449	ANALYSIS AND MEASUREMENT OF PLUTONIUM ALUMINUM-POLYTHENE SYSTEMS IN THE PCTR	ALBERTSON, D. G. / BUSSELMAN, G. J.	65-11-00	841
TANSAO, 09, 123-124	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD	GREEN, R. E. / KAY, R. E. / OKAZAKI,	66-06-00	890

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

	CLUSTERS OF NATURAL URANIUM CARBIDE IN HEAVY WATER MODERATOR	A. / CASINI, G. / METZDORF, H. J. / PAILLON, M.		
TANSOA, 09, 127-128	EXPERIMENTAL AND ANALYTICAL RESULTS FOR PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES	LIIKALA, R. C. / STINSON, W. P.	66-06-00	891
TANSOA, 09, 129	CRITICAL EXPERIMENTS AND CALCULATIONS IN SOME VERY UNDERMODERATED, SLIGHTLY ENRICHED, URANIUM OXIDE/WATER LATTICES	BOYNTON, A. R. / PENNINGTON, E. M.	66-06-00	892
TANSOA, 09, 133	ACCURACY OF REACTOR CODES FOR CRITICALITY CALCULATIONS ON ARRAYS OF FUEL ELEMENTS IN WATER WITH VARIOUS WATER GAPS	FOX, J. K.	66-06-00	616
TANSOA, 09, 181-182	CRITICAL EXPERIMENTS WITH HIGHLY BURNED- UP PLUTONIUM IN HEAVY WATER	OLSON, R. L. / GRAVES, W. E.	66-06-00	893
TANSOA, 09, 185-186	CRITICAL PARAMETERS OF URANIUM (1.95) METAL CYLINDRICAL ANNULI	JOHNSON, E. B.	66-06-00	894
TANSOA, 09, 233-234	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	66-06-00	1232
TANSOA, 09, 340	CAVITY REACTOR CRITICAL EXPERIMENT	LOFTHOUSE, J. H. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	66-10-00	214
TANSOA, 09, 488-489	FAST-SPECTRUM REFRACTORY-METAL CRITICAL- EXPERIMENT MEASUREMENTS	SIMS, F. L. / KUNZE, J. F. / WALSH, W. P. / HENDERSON, W. B.	66-10-00	1215
TANSOA, 09, 489-490	SENSITIVITY OF NEUTRON-SPECTRUM- DEPENDENT QUANTITIES IN URANIUM (93.2 PERCENT URANIUM-235) METAL ASSEMBLIES TO INELASTIC SCATTERING MODELS FOR URANIUM-235	MIHALCZO, J. T.	66-10-00	1214
TANSOA, 09, 518-519	ORGANIC-COOLED HEAVY-WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	66-10-00	895
TANSOA, 10, 008-009	EXPERIMENTAL RESULTS FROM LARGE CAVITY REACTOR CRITICAL	HYLAND, R. E. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E.	67-06-00	215
TANSOA, 10, 188-189	INTERACTING ARRAYS OF CONTAINERS WITH URANIUM-233 SOLUTION	LLOYD, R. C. / CLAYTON, E. D.	67-06-00	896
TANSOA, 10, 191-192	EXPERIMENTAL BUCKLING MEASUREMENTS WITH 2.1 PERCENT ENRICHED URANIUM TUBES IN LIGHT WATER	BROWN, C. L. / HANSEN, L. E. / TOFFER, H.	67-06-00	898
TANSOA, 10, 193-194	MEASUREMENTS AND ANALYSES OF SOME URANIUM-233 DIOXIDE-THORIUM DIOXIDE WATER LATTICE EXPERIMENTS	SEHGAL, B. R. / WINDSOR, H. / TUNNEY, W. J.	67-06-00	899
TANSOA, 10, 198	EXPERIMENTAL AND ANALYTICAL DETERMINATION OF THE REACTIVITY WORTHS OF URANIUM-233, URANIUM-235, URANIUM- 236 AND NEPTUNIUM-237 SAMPLES IN A SERIES OF URANIUM-235-GRAPHITE CRITICAL ASSEMBLIES	BARDES, R. G. / GILLETTE, E. M. / NIRSCHL, R. J. / TRAYLOR, R. C.	67-06-00	900
TANSOA, 10, 419-420	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	67-11-00	217
TANSOA, 10, 535-536	ANALYSIS OF SOME URANIUM-235-GRAPHITE CRITICAL EXPERIMENTS	SEHGAL, B. R.	67-11-00	829
TANSOA, 10, 536	STUDIES OF CRITICAL ASSEMBLIES OF HOMOGENEOUS MIXTURES OF PLUTONIUM OXIDE AND POLYSTYRENE	BAXTER, A. / CLAYTON, E. D. / HANSEN, L. E.	67-11-00	902
TANSOA, 10, 538-539	CRITICALITY OF URANIUM-233 AQUEOUS	THOMAS, J. T.	67-11-00	903

**III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

NITRATE SOLUTION IN REFLECTED AND
UNREFLECTED ARRAYS

TANSAO, 10, 539-540	MINIMUM CRITICAL URANIUM-235 ENRICHMENT FOR URANYL NITRATE HYDROGENOUS SYSTEMS	BIERMAN, S. R. / HESS, G. M.	67-11-00	905
TANSAO, 10, 595-596	REACTOR PHYSICS PARAMETERS OF URANIUM-233 DIOXIDE-THORIUM DIOXIDE LATTICES IN HEAVY WATER	WINDSOR, H. / TUNNEY, W. J.	67-11-00	906
TANSAO, 10, 596-597	ANALYSES OF BROOKHAVEN URANIUM-233-THORIUM-232 OXIDE, LIGHT- AND HEAVY-WATER-MODERATED LATTICE EXPERIMENTS	SEHGAL, B. R.	69-11-00	1210
TANSAO, 11, 252-253	BUCKLING MEASUREMENTS IN A HEAVY WATER SUPERLATTICE	TANNER, C. J. / ANDREWS, D. G.	68-06-00	44
TANSAO, 11, 378	MEASUREMENT OF THE CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE	GEER, W. U. / SMITH, D. R.	68-06-00	2016
TANSAO, 11, 378-379	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 1	PIERCE, G. A. / MORTON, J. R.	68-06-00	2017
TANSAO, 11, 379-380	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 2	FINN, H. F. / PIERCE, G. A.	68-06-00	2018
TANSAO, 11, 380-381	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE - POLYSTYRENE AT 5 HYDROGEN:PLUTONIUM	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	68-06-00	2019
TANSAO, 11, 381-382	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	68-06-00	2020
TANSAO, 11, 383	CRITICAL EXPERIMENTS AT HYDROGEN: URANIUM-235 RATIOS FROM 0 TO 5	MAGNUSON, D. W.	68-06-00	2021
TANSAO, 11, 383-384	THE EFFECT OF STEEL - WATER REFLECTORS ON THE CRITICALITY OF LOW-ENRICHED URANYL FLUORIDE SOLUTION	JOHNSON, E. B. / NEWLON, C. E.	68-06-00	2022
TANSAO, 11, 385-386	MONTE CARLO CALCULATIONS OF THICK-GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES	MIHALCZO, J. T.	68-06-00	2023
TANSAO, 11, 386-387	MONTE CARLO CALCULATIONS FOR ARRAYS OF PLUTONIUM UNITS	PRUVOST, N. L. / PEFLEY, G. V.	68-06-00	2024
TANSAO, 11, 387-389	THE APPLICATION OF THE HAMMER COMPUTER CODE TO EX-REACTOR CRITICALITY CALCULATIONS	CHITWOOD, R. A.	68-06-00	2025
TANSAO, 11, 389-390	UNREFLECTED PLEXIGLASS-GRAPHITE-URANIUM CRITICAL MEASUREMENTS	HOOGERP, J. C.	68-06-00	2026
TANSAO, 11, 598-599	FLUXES INTRASTRUCTURE IN A LARGE, PLATE-TYPE HETEROGENEOUS URANIUM DIOXIDE FAST CORE (ASSEMBLY-6, ZPR-6)	KARAM, R. A. / MARSHALL, J. E. / NAKAMURA, T.	68-11-00	1408
TANSAO, 11, 601-602	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE	EISEMANN, E. / KUESTERS, H. / METZENROTH, M. / SCHMIDT, J. J. / SCHROETER, K. E. / THIEM, D.	68-11-00	1409
TANSAO, 11, 603-604	MONTE CARLO CALCULATIONS OF TWO-CORE DELAYED CRITICAL ASSEMBLIES	MIHALCZO, J. T.	68-11-00	1411
TANSAO, 11, 671	ANALYSIS OF REFLECTED ORALLOY CRITICAL EXPERIMENTS	COHEN, S. C.	68-11-00	1407
TANSAO, 11, 674	EFFECT OF UNIT CELL SHAPE VARIATION IN A CRITICAL ARRAY OF PLUTONIUM METAL PARTS	FINN, H. F. / PIERCE, G. A. / PRUVOST, N. L. / PEFLEY, G. V.	68-11-00	2027
TANSAO, 11, 674-675	CRITICAL LATTICES OF URANIUM(4.89) RODS IN WATER AND IN AQUEOUS BORON SOLUTION	JOHNSON, E. B.	68-11-00	2028

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

TANSAO, 12, 182-183	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY-48 USING ENDF/B CROSS SECTIONS	ARCHIBALD, R. / BAXTER, A. / SARGIS, D. A.	69-06-00	1363
TANSAO, 12, 183-184	FTR CRITICAL EXPERIMENTS ANALYSIS	YOUNG, W. R. / BENNETT, R. A.	69-06-00	1319
TANSAO, 12, 186-187	STUDIES OF FAST-NEUTRON CROSS SECTIONS THROUGH INTEGRAL EXPERIMENTS	KALLFELZ, J. M. / POENITZ, W. P. / SEHGAL, B. R. / ZOLOTAR, B. A.	69-06-00	1401
TANSAO, 12, 221-223	FAST SPECTRUM MEASUREMENTS ON A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	69-06-00	1404
TANSAO, 12, 336	CRITICAL AND NEAR-CRITICAL GRAPHITE-MODERATED ARRAYS OF URANIUM(93.2) CYLINDERS	CRUME, E. C. / THOMAS, J. T.	69-06-00	1413
TANSAO, 12, 652-653	REACTIVITY EFFECTS IN CRITICAL FACILITIES DUE TO FISSILE ISOTOPE DECAY.	MATLOCK, R. G. / KAISER, R. E. / GASIDLO, J. M.	69-11-00	1768
TANSAO, 12, 714	INTEGRAL MEASUREMENTS OF FAST-NEUTRON SPECTRA IN SOME URANIUM- AND PLUTONIUM-FUELED FAST REACTOR CORES	SHER, R.	69-11-00	1421
TANSAO, 12, 717-718	VALIDITY OF FAST-CRITICAL EXPERIMENTS AS INTEGRAL TESTS OF ENDF/B	DAVEY, W. G. / HESS, A. L. /	69-11-00	1391
TANSAO, 12, 718-719	CRITICAL MASS SENSITIVITY TO THE TREATMENT OF HETEROGENEITY EFFECTS IN A LARGE URANIUM CARBIDE FAST CORE, ASSEMBLY 5 OF ZPR-6.	KARAM, R. A. / MARSHALL, J. E.	69-11-00	1769
TANSAO, 12, 869-870	CRITICALITY OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE AQUEOUS MIXTURES	HANSEN, L. E. / BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	69-11-00	1757
TANSAO, 12, 870-872	CRITICALITY OF PLUTONIUM NITRATE SOLUTION SLABS HAVING HIGH PLUTONIUM-240 CONTENT.	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	69-11-00	1765
TANSAO, 12, 872-873	PLUTONIUM METAL CRITICALITY MEASUREMENTS.	HUNT, D. C. / BOSS, M. R.	69-11-00	1762
TANSAO, 12, 875-877	SLAB CYLINDER-ARRAY EXPERIMENTAL DATA.	TUCK, G. / CLARK, H. E.	69-11-00	1761
TANSAO, 12, 889-890	PULSED-NEUTRON DETERMINATION OF K(EFF) AND TAU IN LOW-ENRICHMENT URANYL NITRATE.	CHOW, R. H. / BIERMAN, S. R.	69-11-00	1772
TANSAO, 13, 245-246	MTR-PHOENIX FUEL CRITICAL EXPERIMENTS AND ANALYSIS.	KUTCHER, J. W. / DAVIS, E. C. / HEEB, C. M.	70-06-00	1922
TANSAO, 13, 253	TESTING OF HETEROGENEITY METHODS USED IN FAST REACTOR CRITICAL ANALYSES BY COMPARISON WITH THEORETICAL (GEDANKEN) EXPERIMENTS.	PALMER, R. G. / PLUMMER, J. P. / NICHOLSON, R. B.	70-06-00	1913
TANSAO, 13, 253-254	EFFECT OF HYDROGEN CONTENT OF GRAPHITE IN FAST CRITICAL EXPERIMENTS.	PALMEDO, P. F. / LUDEWIG, H. / ARONSON, A. L.	70-06-00	1907
TANSAO, 13, 288-289	POSTANALYTICAL STUDY OF EIGHT ZPR-3 BENCHMARK CRITICALS USING ENDF/B DATA.	HESS, A. L. / PALMER, R. G. / STEVENSON, J. M.	70-06-00	1906
TANSAO, 13, 291	STATISTICALLY SIGNIFICANT BIASES IN THE FTR NEUTRONICS MODEL.	BENNETT, R. A. / ENGSTROM, S. L. / NELSON, J. V. / YOUNG, W. R.	70-06-00	1921
TANSAO, 13, 292-293	JOINT EXPERIMENTS ON MASURCA, ERMINE, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.	CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER-HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIKOFF, O. / VIDAL, R. / WITTEK, G.	70-06-00	1920
TANSAO, 13, 304	ANALYSIS OF CRITICAL EXPERIMENTS USING VERSION II OF THE EVALUATED NUCLEAR DATA FILE (ENDF/B).	LITTLE, W. W. / KIDMAN, R. B. / SCHENTER, R. E. / O'DELL, L. D. / HARDIE, R. W. / STEWART, K. B.	70-06-00	1918
TANSAO, 13, 379	CRITICALITY OF URANIUM(3.85) RODS AND	JOHNSON, E. B.	70-06-00	1916

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

CYLINDRICAL ANNULI IN WATER.

TANSAO, 13, 379-380	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM OXIDE.	BIERMAN, S. R. / CLAYTON, E. D.	70-06-00	1915
TANSAO, 13, 380-381	CRITICALITY MEASUREMENTS ON URANIUM METAL SOLUTION COMBINATIONS.	HUNT, D. C. / ROTHE, R. E.	70-06-00	1925
TANSAO, 13, 383	COMPARISONS OF EXPERIMENT WITH CALCULATIONS FOR STRONGLY ABSORBING ROD LATTICES.	FOX, J. K.	70-06-00	1927
TANSAO, 13, 662-663	CRITICALITY CALCULATIONS AND MEASUREMENTS ON ENRICHED URANIUM METAL-SOLUTION COMBINATIONS.	HUNT, D. C. / ROTHE, R. E.	70-11-00	1737
TANSAO, 13, 663-664	CRITICAL APPROACH AND EXPONENTIAL EXPERIMENTS WITH PROTOTYPE FFTF DRIVER FUEL PINS IN WATER.	BROWN, C. L. / ROGERS, C. A.	70-11-00	1732
TANSAO, 13, 664-665	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING RASCHIG RINGS.	LLOYD, R. C. / CLAYTON, E. D.	70-11-00	1733
TANSAO, 13, 732	PREDICTED CHARACTERISTICS WITH ACTUAL OBSERVATION FOR THE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY ZPPR-2.	KAISER, R. E. / NORRIS, R. J. / OLSON, A. P. / PAIK, N. C.	70-11-00	1739
TANSAO, 13, 734-735	MATERIAL WORTH MEASUREMENTS IN THE BENCHMARK CRITICAL ASSEMBLY ON ZPPR.	KAISER, R. E. / NORRIS, R. J. / PAIK, N. C.	70-11-00	1741
TANSAO, 14, 004-005	NEUTRON SPECTRUM MEASUREMENTS IN A COMPACT FAST-SPECTRUM CRITICAL ASSEMBLY.	PASCHALL, R. K. / KLANN, P. G.	71-06-00	1627
TANSAO, 14, 017-018	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATORES, M.	71-06-00	1628
TANSAO, 14, 018-019	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATORES, M. / STANFORD, G. S.	71-06-00	1629
TANSAO, 14, 019-020	MEASUREMENT AND ANALYSIS OF SPACE-DEPENDENT PARAMETERS IN A DEMONSTRATION PLANT BENCHMARK CRITICAL.	KAISER, R. E. / AMUNDSON, P. I. / FORRESTER, R. J. / NEWMARK, B.	71-06-00	1630
TANSAO, 14, 020-021	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.	MENEGHETTI, D. / KEENEY, W. P. / VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	71-06-00	1631
TANSAO, 14, 021-022	ANISOTROPIC EFFECTS IN A 4000-LITER URANIUM DIOXIDE FAST CORE, ZPR-6 ASSEMBLY 6A.	KARAM, R. A. / STANFORD, G. S. / ROBINSON, R.	71-06-00	1632
TANSAO, 14, 024-025	FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL PROGRAM.	DAUGHTRY, J. W. / POND, R. B. / FLEISCHMAN, R. M. / SWANSON, C. S. / RUSCH, G. K. / KIER, P. H.	71-06-00	1633
TANSAO, 14, 037	CRITICALITY OF PLUTONIUM NITRATE SOLUTION CONTAINING SOLUBLE GADOLINIUM.	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	71-06-00	1622
TANSAO, 14, 038-039	CRITICALITY ANALYSIS OF ENRICHED URANIUM METAL SPHERES UNDERGOING DISSOLUTION.	HUNT, D. C. / ROTHE, R. E.	71-06-00	1624
TANSAO, 14, 039-040	REACTIVITY MEASUREMENTS ON LARGE URANIUM-235-ALUMINUM FORMS IN WATER	CURRIE, R. L. / PARKS, P. B. / JARRIEL, J. L.	71-06-00	1625
TANSAO, 14, 040-041	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 15 AND 30 WT% PLUTONIUM.	BIERMAN, S. R. / CLAYTON, E. D.	71-06-00	1626
TANSAO, 14, 348	MONTE CARLO ANALYSIS OF FAST CRITICAL ASSEMBLIES USING ENDF/B I AND II DATA.	CRAMER, S. N.	71-06-00	1635

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

TANSOA, 14, 348-349	CALCULATIONS OF FAST CRITICAL ASSEMBLIES USING LASL AND ENDF/B VERSION II DATA.	HIRONS, THOMAS J. / BATTAT, M. E.	71-06-00	1636
TANSOA, 14, 377-379	A BASIC EXPERIMENTAL REACTOR PHYSICS PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE/WATER LATTICES	DEBRUE, J. / LEENDERS, L. / MOTTE, F. / VAN DEN BROECK, H. / DERAMAIX, P. / DE WAECH, F.	71-06-00	1637
TANSOA, 14, 675-677	A HIGHLY ENRICHED URANIUM METAL SPHERE ASSEMBLY.	MIHALCZO, J. T.	71-10-00	1655
TANSOA, 14, 677-678	UNREFLECTED URANIUM-235/CARBON (RATIO OF 1 TO 182) CRITICAL ASSEMBLY	HOOGTERP, J. C. / HANSEN, G. E.	71-10-00	1656
TANSOA, 14, 678	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF 5% URANIUM-235 ENRICHED URANYL FLUORIDE AQUEOUS SOLUTION	JOHNSON, E. B.	71-10-00	1646
TANSOA, 14, 848-849	COMPARATIVE STUDY OF HETEROGENEITY TREATMENTS FOR ZRP PLATE CELLS.	ZOLOTAR, B. A. / SALVADORES, M. / BINGMAN, B. M. / LEWIS, E. E.	71-10-00	1648
TANSOA, 14, 849-850	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL ASSEMBLIES. PART 1. METHODS.	MUELLER, R. E. / PAGE, E. M. / KOMATA, M.	71-10-00	1649
TANSOA, 14, 851-852	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL EXPERIMENTS. PART-2. ANALYSIS.	PAGE, E. M. / MUELLER, R. E.	71-10-00	1650
TANSOA, 15, 307	THE CRITICALITY OF HIGH BURNUP PLUTONIUM	LLOYD, R. C. / CLAYTON, E. D.	72-06-00	2029
TANSOA, 15, 307-309	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 8 AND 30 WT% PLUTONIUM	BIERMAN, S. R. / CLAYTON, E. D.	72-06-00	2030
TANSOA, 15, 309-310	THEORY-EXPERIMENT TESTS USING ENDF/B VERSION II CROSS-SECTION DATA	HANSEN, L. E. / CLAYTON, E. D.	72-06-00	2031
TANSOA, 15, 803-804	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS.	LLOYD, R. C. / CLAYTON, E. D. / BIERMAN, S. R.	72-11-00	1671
TANSOA, 15, 805-806	CRITICALITY EXPERIMENTS OF LWR MIXED OXIDES AT 20 HYDROGEN:PLUTONIUM+URANIUM.	BIERMAN, S. R. / CLAYTON, E. D.	72-11-00	1673
TANSOA, 16, 157-158	EXPERIMENTAL PROGRAMS AT THE DOW ROCKY FLATS NUCLEAR SAFETY LABORATORY.	SCHUSKE, C. L.	73-06-00	1684
TANSOA, 16, 158-159	CRITICAL MASS LABORATORY PROGRAM IN FRANCE.	LECORCHE, P.	73-06-00	1685
TANSOA, 16, 160-161	EXPERIMENTAL CRITICALITY IN THE UNITED KINGDOM.	CHALMERS, J. H.	73-06-00	1686
TANSOA, 16, 161	CRITICAL LATTICE DATA IN SUPPORT OF SAFE FUEL HANDLING CRITERIA.	LACEY, P.G.	73-06-00	1687
TANSOA, 17, 265	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES	BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	73-11-00	1521
TANSOA, 17, 265-266	ARRAY CRITICAL EXPERIMENTS WITH MATERIALS USED IN SHIPPING CONTAINERS	MAGNUSON, D. W.	73-11-00	1522
TANSOA, 17, 266-267	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG PAIRS CONTAINING 1.1 WT% ENRICHED URANIUM	SMOTREL, J. R.	73-11-00	1523
TANSOA, 17, 268	MONTE CARLO ANALYSIS OF EXPERIMENTALLY CRITICAL PIPE INTERSECTIONS	CROSS, N. F. / WHITESIDES, G. E. / HINTON, R. J.	73-11-00	1524
TANSOA, 17, 269-270	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS CONTAINING 30 WT% PLUTONIUM	LLOYD, R. C. / CLAYTON, E. D.	73-11-00	1526

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

TANSO, 17, 278-279	MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239	CLARK, H. K.	73-11-00	1527
TANSO, 17, 279-280	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER	RICHEY, C. R.	73-11-00	1528
TANSO, 18, 160-161	STATUS OF CRITICALITY DATA AND EXPERIMENTS ON HOMOGENEOUS SYSTEMS OF PLUTONIUM-URANIUM	BIERMAN, S. R.	74-06-00	1538
TANSO, 18, 161-164	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM,URANIUM)DIOXIDE FUEL RODS	BROWN, C. L.	74-06-00	1539
TANSO, 18, 164-165	CALCULATION-EXPERIMENT CORRELATIONS ON HOMOGENEOUS PLUTONIUM-URANIUM SYSTEMS	HALL, R. J. / BIERMAN, S. R.	74-06-00	1540
TANSO, 18, 165-166	CRITICALITY OF URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE SOLIDS IN FISSILE SOLUTION	LLOYD, R. C.	74-06-00	1541
TANSO, 19, 183-184	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM DIOXIDE/PLUTONIUM DIOXIDE SOLIDS IN FISSILE SOLUTION CONTAINING GADOLINIUM NITRATE	LLOYD, R. C. / CLAYTON, E. D.	74-11-00	1552
TANSO, 19, 187-188	CRITICALITY OF PERIODICALLY BORON-POISONED ENRICHED-URANIUM-SOLUTION SYSTEMS	ROTHE, R. E.	74-11-00	1555
TANSO, 19, 199-200	EXPERIMENTAL MEASUREMENTS WITH ARRAYS OF URANIUM(97.7)-HEXAFLUORIDE NEUTRON-COUPLED THROUGH CONCRETE	THOMAS, J. T.	74-11-00	1556
TANSO, 21, 236-237	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTION CONTAINING GLASS RASCHIG RINGS	LLOYD, R. C. / CLAYTON, E. D.	75-06-00	1564
TANSO, 22, 290-291	A 218 NEUTRON GROUP MASTER CROSS SECTION LIBRARY FOR CRITICALITY SAFETY STUDIES	FORD, W. E. / WESTFALL, R. M. / WEBSTER, C. C.	75-11-00	1724
TANSO, 22, 292	EFFECT OF GADOLINIUM ON CRITICALITY OF URANIUM + PLUTONIUM SOLUTIONS	LLOYD, R. C.	75-11-00	1577
TANSO, 22, 292-295	SUBCRITICAL MEASUREMENTS WITH IRRADIATED AND UNIRRADIATED URANIUM METAL FUEL ELEMENTS	TOFFER, H. / NIELSEN, L. A.	75-11-00	1583
TANSO, 22, 723-724	BENCHMARK TESTING USING ENDF/B-III AND -IV	MC KNIGHT, R. D.	75-11-00	1584
TANSO, 23, 230	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES AND COMMENTS ON THE CURRENT EXPERIMENTS PROGRAM	SCHUSKE, C. L.	76-06-00	1608
TANSO, 23, 234-235	EFFECT OF BORON AND GADOLINIUM ON THE CRITICALITY OF PLUTONIUM-URANIUM SYSTEMS	LLOYD, R. C. / CLAYTON, E. D.	76-06-00	1612
TANSO, 23, 235-237	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8 AND 15 WT% PLUTONIUM	BIERMAN, S. R. / CLAYTON, E. D.	76-06-00	1613
TANSO, 24, 123-125	CRITICALITY STUDIES OF A NEUTRON MULTIPLIER	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	76-11-00	1940
TANSO, 24, 209-210	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTHS OF MATERIALS COMMONLY ENCOUNTERED AS FIXED-NEUTRON POISONS	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	76-11-00	1517
TANSO, 27, 406-407	VALIDATION OF CRITICALITY SAFETY BROAD-GROUP LIBRARY USING URANIUM SYSTEMS	CROSS, N. F. / WESTFALL, R. M. / TURNBULL, K. R. / FOX, P. B.	77-11-00	1466
TANSO, 27, 412-413	CRITICAL MEASUREMENTS OF A WATER-	BYERS, C. C. / KOELLING, J. J. /	77-11-00	2086

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY REPORT NUMBER

	REFLECTED ENRICHED URANIUM SPHERE	HANSEN, G. E. / SMITH, D. R. / DYER, H. R.		
TANSAO, 27, 413-415	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER	PELLARIN, D. J. / JARRIEL, J. L.	77-11-00	1454
TANSAO, 27, 422-424	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS	BIERMAN, S. R. / CLAYTON, E. D.	77-11-00	1456
TANSAO, 27, 424-425	BENCHMARK CALCULATIONS FOR SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	77-11-00	1457
TID-03533	CRITICALITY STUDIES (A LITERATURE SEARCH)	SCOTT, RAYMOND L.	59-08-00	1431
TID-03571	FAST NEUTRON PULSE REACTORS AND FAST NEUTRON CRITICAL ASSEMBLIES (A LITERATURE SEARCH)	BOST, WILLIAM E.	62-04-00	1427
TID-07028	CRITICAL DIMENSIONS OF SYSTEMS CONTAINING URANIUM-235, PLUTONIUM-239, AND URANIUM-233	PAXTON, H. C. / THOMAS, J. T. / CALLIHAN, A. D. / JOHNSON, E. B.	64-06-00	50
TID-10020	EXPERIMENTS ON ZERO POWER REACTOR (ZPR-1). PART III	MARTENS, F. H.	54-03-00	2072
TID-26286, 34-55	CRITICALITY EXPERIMENTS AND DATA; NUCLEAR CRITICALITY SAFETY	PAXTON, H. C.	74-00-00	1551
TIM-891	LCRE FUEL ELEMENT CRITICALITY MEASUREMENTS AT ORNL	WALSH, V.	65-09-00	1699
TRG REPORT 1384(D)	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREAY FAST REACTOR	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	66-10-00	94
TRG REPORT 1539	VERA CORE 18: AN ASSEMBLY BUILT TO TEST CALCULATION METHODS AND DATA FOR D.F.R.	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	69-06-13	1364
TRG-301(D)	A SERIES OF SIMPLE DILUTE FAST REACTOR ASSEMBLIES	GEMMELL, W.	62-05-30	81
UCRL-4880	CRITICAL MASS MEASUREMENTS ON GRAPHITE URANIUM-235 SYSTEMS	CAROTHERS, J. E.	57-04-11	70
UCRL-4957	SPHERICAL AND CYLINDRICAL PLUTONIUM CRITICAL MASSES	KLOVERSTROM, F. A.	57-09-00	27
UCRL-4975	CRITICAL MASSES OF SPHERICAL SYSTEMS OF ORALLOY REFLECTED IN BERYLLIUM	RALSTON, H. R.	57-10-10	95
UCRL-4983-T	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS	KIRSCHBAUM, A. J.	57-11-01	69
UCRL-5006	CRITICAL MEASUREMENTS ON INTERMEDIATE-ENERGY GRAPHITE-URANIUM-235 SYSTEMS	SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	57-11-15	68
UCRL-50175	SUMMARY REPORT OF CRITICAL EXPERIMENTS PLUTONIUM ARRAY STUDIES, PHASE I	MORTON, J. R. / PIERCE, G. A. / GARDNER, L. L. / BALL, C. J.	66-12-22	889
UCRL-5043	STUDIES OF ENRICHED-URANIUM GRAPHITE SYSTEMS	KIRSCHBAUM, A. J. / SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	57-12-10	18
UCRL-51041	SUMMARY OF EXPERIMENTALLY DETERMINED PLUTONIUM ARRAY CRITICAL CONFIGURATIONS	FINN, H. F. / PRUVOST, N. L. / KOLAR, O. C. / PIERCE, G. A.	71-05-10	1817
UCRL-5149	CRITICALITY AND PULSED-NEUTRON-SOURCE STUDIES ON AN EPITHERMAL GRAPHITE-URANIUM-235 HOMOGENEOUS UNREFLECTED SYSTEM	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	58-02-20	994

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

UCRL-5159	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	58-03-25	56
UCRL-5175	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS	REYNOLDS, H. L.	58-03-31	61
UCRL-5255	CRITICAL-MASS DETERMINATIONS OF LEAD- REFLECTED SYSTEMS	DONALDSON, R. E. / BROWN, W. K.	58-06-09	63
UCRL-5349	CRITICAL PARAMETERS OF SPHERICAL SYSTEMS OF ALPHA-PHASE PLUTONIUM REFLECTED BY BERYLLIUM	RALSTON, H. R.	58-09-10	17
UCRL-5369 PT. 2	CRITICAL MEASUREMENTS ON NEAR- HOMOGENEOUS, BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS	KLOVERSTROM, F. A. / KRAFT, D. E.	60-07-11	22
UCRL-5369 PT.-1 REV.	CRITICAL MEASUREMENTS ON NEAR- HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	59-07-01	100
UCRL-5477	PULSED NEUTRON SOURCE STUDIES OF GRAPHITE-ENRICHED URANIUM SYSTEMS	KLOVERSTROM, F. A. / KOMOTO, T. T.	59-02-05	55
UCRL-5483	HOT BOX - A HIGH-TEMPERATURE CRITICAL FACILITY	REYNOLDS, H. L. / WALTER, C. E.	59-03-30	54
UCRL-5506	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS, FUELED BY THIN ORALLOY FOILS	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	59-03-03	117
UCRL-5913	NEUTRON DIFFUSION THEORY PROGRAMS AND THEIR APPLICATION TO SIMPLE CRITICAL SYSTEMS	STONE, S. P. / LINGENFELTER, R. E.	60-03-00	20
UCRL-6105	HAZARDS SUMMARY REPORT: THE KUKLA PROMPT CRITICAL ASSEMBLY	CHRISTIE, E. R. / MAR, B. W.	60-02-24	452
UCRL-6329	SUMMARY REPORT ON A HIGH-TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENT	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	61-03-21	51
UCRL-6504	PRELIMINARY RESULTS OF HIGH-TEMPERATURE BARE URANIUM-235-CARBON CRITICAL ASSEMBLY MEASUREMENTS	FINKE, R. G.	61-06-06	25
UCRL-6673	A COOLED-REFLECTOR, HOT-BERYLLIUM-OXIDE- CORE CRITICAL EXPERIMENT	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	61-10-27	60
UCRL-6729	REACTIVITY EFFECTS OF VARIOUS REFLECTORS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE MODERATED, ORALLOY- FUELED SYSTEMS	MORTON, J. R. / SHON, F. J. / WEIRICH, T. F. / GARDNER, L. L.	62-01-02	59
UCRL-6837, SUMMARY	THE LIVERMORE COLD-CRITICAL EXPERIMENTS ON TORY II-A AND II-C	RALSTON, H. R.	62-03-20	1256
UCRL-6901	ROOM TEMPERATURE CRITICAL MEASUREMENTS ON THORIUM-LOADED, GRAPHITE-MODERATED, ORALLOY-FUELED SYSTEMS	BENSON, G. M. / FOX, R. H.	62-06-30	58
UCRL-7262	COUPLING EFFECTS OF HAFNIUM CONTROL RODS IN A NEAR-HOMOGENEOUS, BERYLLIUM- OXIDE-MODERATED, ORALLOY-FUELED SYSTEM	PIOWATY, J. M. / MORTON, J. R. / GARDNER, L. L.	63-02-27	62
UCRL-7686	A STUDY OF BERYLLIUM OXIDE MODERATED CRITICAL ASSEMBLIES CONTAINING VARIOUS METAL ABSORBERS	MORTON, J. R. / PIOWATY, J. M. / PETRUZZI, J. / GARDNER, L. L.	64-02-05	57
UK/C/5/1	U.K./CANADA CONFERENCE, NUCLEAR DATA SESSION: FIVE PLUTONIUM-239, URANIUM-	HINES, K. C.	56-00-00	2101

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

235. URANIUM-233 -- WATER ASSEMBLIES (ZETR)				
UK/C/5/103	MULTIPLE METAL ROD ASSEMBLIES IN ZEEP	CRITOPH, E. / OKAZAKI, A. / HONE, D. W. / TUNNICLIFFE, P. R. / DE MILLE, G. R. / HANNA, G. C.	56-10-22	2103
UK/C/5/5	URANIUM-235-WATER ASSEMBLIES FOR LIDO	HORTON, C. C.	56-00-00	2102
UK/C/6/120	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM. DIAMETER URANIUM METAL RODS IN HEAVY WATER	OKAZAKI, A. / HONE, D. W.	57-09-27	2104
WANL-TME-749	ANALYSIS IN SUPPORT OF THE FLEXIBLE CRITICAL EXPERIMENT	MOWERY, A. L.	64-04-15	1722
WAPD-117	REACTOR PROPERTIES OF WATER MODERATED SLIGHTLY ENRICHED URANIUM LATTICES	BROWN, J. R. / NOORDHOFF, B. H. / PROFIO, A. E. / BATESON, W. O.	54-11-00	2059
WAPD-128	CRITICAL EXPERIMENTS ON A HIGHLY ENRICHED HOMOGENEOUS REACTOR	BROWN, J. R. / NOORDHOFF, B. H. / BATESON, W. O.	55-05-00	183
WAPD-169	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF DIFFERENT REFLECTOR ARRANGEMENTS AND COMPOSITIONS	MC FARLAND, C. E. / VOORHIS, A. D.	57-04-00	2074
WAPD-170	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF ABSORBING MEMBRANES OF CADMIUM, GOLD, AND BORON	VOORHIS, A. D. / RYAN, T. M. / GOLDSMITH, M. / JONES, R. T.	57-04-00	2075
WAPD-176	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	58-01-00	2076
WAPD-P-695	ANALYSIS OF OCTF CRITICALITY AND REACTIVITY DATA	GELBARD, E. M.	55-12-00	2077
WAPD-PM-32	CRITICAL EXPERIMENTS ON LIGHTLY ENRICHED URANIUM-ZIRCONIUM ASSEMBLY	BAYARD, R. T. / HOVATTER, K. R. / MOREWITZ, H. A. / ZISSIS, G. J.	55-10-11	2050
WAPD-PWR-PH-112	SLAB EXPERIMENTS. II. URANIUM METAL REFLECTOR	HARTLEY, W. H.	56-05-00	2108
WAPD-PWR-PH-126	SLAB EXPERIMENTS. III. URANIUM OXIDE REFLECTOR	HARTLEY, W. H.	56-07-00	2057
WAPD-TM-0024	AN ALUMINUM-URANIUM CRITICAL ASSEMBLY IN CYLINDRICAL GEOMETRY	LEVINE, S. H. / JOHNSON, P. G.	56-11-00	2078
WAPD-TM-0244	NUCLEAR ANALYSIS OF THERMAL REFLECTED CYLINDRICAL HOMOGENEOUS CRITICAL ASSEMBLIES	RUTLEDGE, G. P. / KANTORCZYK, P. A.	60-11-00	682
WAPD-TM-0614	SMALL URANIUM-233 FUELED SEED-AND-BLANKET CRITICAL EXPERIMENTS (LWBR-LSBR DEVELOPMENT PROGRAM)	MILANI, S. / WEISS, S. H.	67-12-23	594
WAPD-TM-0632	CRITICAL DIMENSION OF URANIUM-235 AQUEOUS SOLUTIONS CONTAINING URANIUM-238 OR THORIUM-232	JONES, L. L. / ROMESBURG, H. C.	66-09-00	793
WAPD-TM-0932	A COMPARISON OF THERMAL NEUTRON ACTIVATION MEASUREMENTS AND MONTE CARLO CALCULATIONS IN LIGHT-WATER-MODERATED URANIUM CELLS	VOLPE, J. J. / HARDY, J. / KLEIN, D.	70-03-00	831
WAPD-TM-0933	AN ANALYTICAL STUDY OF THE MINIMUM CRITICAL MASS OF HIGHLY ENRICHED URANIUM-235 WHEN REFLECTED BY NATURAL URANIUM AND WATER MIXTURES IN OPTIMIZED LATTICES	GRAY, A. W. / JONES, L. L.	70-03-00	652
WAPD-TM-1299	ANALYSIS OF HOMOGENEOUS URANIUM-233 AND URANIUM-235 CRITICAL ASSEMBLIES WITH ENDF/B-IV DATA	ULLO, J. J. / HARDY, J.	77-10-00	2113

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER**

WCAP-1412	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	60-03-30	681
WCAP-3726-1	PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS	LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A.	67-07-00	830
WCAP-7365	A STATUS REPORT FOR THE CURRENT EVALUATION OF MODIFIED ENDF/B REPRESENTATIONS FOR THE ISOTOPES OF PLUTONIUM - 239, 240, 241, AND 242	EICH, W. J.	69-10-00	1317
Y-0801 (DEL.)	CRITICAL MASS STUDIES, PART-6	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	51-08-00	235
Y-0881 (DEL)	A GRAPHITE MODERATED CRITICAL ASSEMBLY, CA-4	ZIMMERMAN, E. L.	52-12-07	43
Y-1023	MINIMUM CRITICAL MASS AND UNIFORM THERMAL NEUTRON CORE FLUX IN AN EXPERIMENTAL REACTOR	MORFITT, J. W.	53-12-01	2051
Y-1248	CRITICAL ASSEMBLIES OF URANIUM METAL	GWIN, R. / MEE, W. T.	59-03-26	87
Y-1858	VALIDATION CHECKS OF THE "ANISN" AND "KENO" CODES BY CORRELATION WITH EXPERIMENTAL DATA.	HANDLEY, G. R. / HOPPER, C. M.	72-11-20	1844
Y-1948	VALIDATION OF THE KENO CODE FOR NUCLEAR CRITICALITY SAFETY CALCULATIONS OF MODERATED, LOW-ENRICHED URANIUM SYSTEMS	HANDLEY, G. R. / HOPPER, C. M.	74-06-13	1702
Y-A2-71	CRITICAL MASS TESTS ON ORALLOY MACHINE TURNINGS	MC LENDON, J. D. / MORFITT, J. W.	52-02-29	1979
Y-B23-22	RING TAMPING	CALLIHAN, A. D. / CRONIN, D. F.	52-11-05	2079
Y-CDC-7	URANIUM METAL CRITICALITY, MONTE CARLO CALCULATIONS AND NUCLEAR CRITICALITY SAFETY	THOMAS, J. T.	70-08-05	1436
Y-CDC-9	CRITICALITY OF LIQUID MIXTURES OF HIGHLY URANIUM-235 ENRICHED HEXAFLUORIDE AND HYDROFLUORIC ACID	CAIZERGUES, R. / DEILGAT, E. / LECORCHE, P. / MAUBERT, L. / REVOL, H.	71-05-00	1426
Y-DR-014	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT ENRICHED URANIUM IN PARAFFIN	RAFFETY, S. J. / MIHALCZO, J. T.	69-05-02	250
Y-DR-081	GRAPHITE AND POLYETHYLENE REFLECTED URANIUM-METAL CYLINDERS AND ANNULI	MIHALCZO, J. T.	72-04-28	1462
Y-DR-083	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS. PART-3. ARRAYS OF URANIUM(93.2) METAL SEPARATED BY VARIOUS MATERIALS.	MAGNUSON, D. W.	72-05-15	1838
Y-DR-109	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS. PART-4. ARRAYS OF URANIUM(93.2) METAL REFLECTED BY CONCRETE AND ARRAYS SEPARATED BY VERMICULITE AND REFLECTED BY POLYETHYLENE.	MAGNUSON, D. W.	73-04-30	1857
Y-DR-120	CRITICAL EXPERIMENTS WITH ENRICHED- URANIUM DIOXIDE	MAGNUSON, D. W.	73-11-30	1700
Y-DR-129	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF AQUEOUS URANYL FLUORIDE SOLUTIONS	JOHNSON, E. B.	74-10-31	1711
YAEC-094	YANKEE CRITICAL MEASUREMENTS	DAVISON, P. W. / BERG, S. S. /	59-04-01	472

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY REPORT NUMBER

	MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER	BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.		
YAEC-142	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	59-11-30	680
YAEC-152	CRITICAL MASSES AND LATTICE PARAMETERS OF WATER-URANIUM DIOXIDE CRITICAL EXPERIMENTS: A COMPARISON OF THEORY AND EXPERIMENT	ARNOLD, W. H. /	59-11-00	198

LOOKUP TABLES:
PUBLICATION DATE

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

43-04-17	STUDIES IN A FIVE TON METAL PILE	SNELL, A. H. / BROLLEY, J. E. / LEVINGER, J. S. / WILKINSON, R.	CF-0589	1450
44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	1451
44-09-04	WATER BOILER	BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	LA-0134	1980
45-04-12	WATER TAMPER MEASUREMENTS	CARTER, R. E. / HINTON, J. C. / KING, L. D. P. / SCHREIBER, R. E.	LA-0241	139
45-05-14	CRITICAL MASS OF A WATER TAMPED PLUTONIUM-239 SOLUTION	FELD, B. T. / SLOTIN, S. L.	LA-0272	157
45-06-14	SUMMARY OF KNOWN CRITICAL MASSES OF URANIUM-235 AND PLUTONIUM-239	FELD, B. T.	LA-0309	2049
45-09-27	THEORY OF WATER-TAMPED WATER BOILER	GREULING, E.	LA-0399	454
45-10-26	WATER LATTICE EXPERIMENTS	BRANCH, G. / JONES, H. / RUSH, J. H. / WEINBERG, A. M.	CP-2842	1984
46-01-22	CRITICAL EXPERIMENTS OF FLUORINATED AND HYDROGENATED MIXTURES CONTAINING ENRICHED URANIUM	SNELL, A. H.	MONP-048	1985
47-02-03	CRITICAL MASSES OF ENRICHED URANIUM HYDRIDES AND SOME RELATED MEASUREMENTS	BAKER, C. P. / HOLLOWAY, M. G.	LA-0618	1981
47-06-00	CRITICAL MASS STUDIES, PART 1	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	A-4716	241
47-08-18	CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM- WATER MODERATOR AND DEUTERIUM OXIDE, BERYLLIUM, AND WATER REFLECTORS	MANN, M. M. / MARTIN, A. B.	MONP-357	1986
47-12-15	CRITICALITY STUDIES ON ENRICHED URANIUM - - HEAVY WATER SYSTEMS	SNELL, A. H.	MONP-454	995
47-12-19	CRITICAL ASSEMBLIES, CHAPTER 4, WATER BOILERS	KING, L. D. P.	LA-1034	1982
48-08-17	FURTHER CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM-WATER MODERATOR AND A BERYLLIUM REFLECTOR	MARTIN, A. B. / MANN, M. M.	ORNL-0079	1975
49-04-19	CRITICAL MASS STUDIES, PART-3	BECK, C. K. / CALLIHAN, A. D. / MORFITT, J. W. / MURRAY, R. L.	K-0343	162
49-11-01	POLYTHENE-URANIUM-235 CRITICAL ASSEMBLY AND NEUTRON DISTRIBUTION STUDIES	PAXTON, H. C. / LINENBERGER, G. A.	LA-0749	142
49-11-28	CRITICAL MASS STUDIES, PART-4	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MACKLIN, R. L. / MORFITT, J. W.	K-0406	79
50-00-00	ORALLOY (ENRICHED URANIUM) HYDRIDE CRITICAL ASSEMBLIES	PAXTON, H. C. / ORNDOFF, J. D. / LINENBERGER, G. A.	LA-1159 (DEL)	370
50-05-11	INTERIM REPORT OF NEUTRON AND GAMMA EXPERIMENTS ON THE MTR MOCK-UP	BEALL, S. E. / BREAZEALE, W. M. / BRIGGS, R. B. / CALLIHAN, A. D. / JORDAN, W. H.	CF-50-5-140	2058
50-06-30	CRITICAL MASS STUDIES, PART-5	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W.	K-0643	71
50-07-11	CRITICALITY TEST ON P-10 ALLOY SLUGS	CALLIHAN, A. D. / MC LENDON, J. D. / MORFITT, J. W.	K-0644	2045

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

50-09-12	EFFECTS OF FOREIGN MATERIALS IN THE TOPSY METAL ASSEMBLY - PRELIMINARY	PAXTON, H. C.	LAMS-1154	613
50-09-20	ACTIVATION EXPERIMENTS IN THE KAPL PRELIMINARY PILE ASSEMBLIES	STEWART, H. B. / GAVIN, G. B.	KAPL-329, PART 1.	244
51-04-51	NEPA CRITICAL EXPERIMENT FACILITY	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I.	NEPA-1769	2069
51-06-23	CRITICAL MASSES OF ORALLOY AT REDUCED CONCENTRATIONS AND DENSITIES	ORNDOFF, J. D. / PAXTON, H. C. / HANSEN, G. E.	LA-1251	41
51-08-00	CRITICAL MASS STUDIES, PART-6	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	Y-0801 (DEL.)	235
51-10-27	ORALLOY CYLINDRICAL SHAPE FACTOR AND CRITICAL MASS MEASUREMENTS IN GRAPHITE, PARAFFIN, AND WATER TAMPERS	MALLARY, E. C.	LA-1305	135
52-01-04	EXPERIMENTAL PRODUCTION OF A DIVERGENT CHAIN REACTION	FERMI, E.	AECD-3269	1449
52-02-01	PRECISION CRITICAL-MASS DETERMINATIONS FOR ORALLOY AND PLUTONIUM IN SPHERICAL TUBALLOY TAMPERS	HANSEN, G. E. / WOOD, D. P.	LA-1356	88
52-02-29	CRITICAL MASS TESTS ON ORALLOY MACHINE TURNINGS	MC LENDON, J. D. / MORFITT, J. W.	Y-A2-71	1979
52-05-15	NEUTRON DISTRIBUTION MEASUREMENTS AT PAJARITO BY MEANS OF PHOTOGRAPHIC EMULSIONS	YOUNG, D. S.	LA-1487	611
52-08-08	ORALLOY SHAPE FACTOR MEASUREMENTS	JOSEPHSON, V. / PAINE, R. W. / WOODWARD, L. L.	LA-1155 (DEL)	38
52-11-05	RING TAMPING	CALLIHAN, A. D. / CRONIN, D. F.	Y-B23-22	2079
52-12-07	A GRAPHITE MODERATED CRITICAL ASSEMBLY, CA-4	ZIMMERMAN, E. L.	Y-0881 (DEL)	43
53-04-06	ANALYSIS OF THE CLEAN BUCKLINGS OF 1.3 PERCENT ENRICHED URANIUM-WATER LATTICES	CHERNICK, J.	BNL-01578	2034
53-06-00	TOPSY, A REMOTELY CONTROLLED MACHINE FOR THE STUDY OF CRITICAL ASSEMBLIES	WHITE, R. H.	LA-1579	180
53-09-00	LADY GODIVA: AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY	PETERSON, R. E. / NEWBY, G. A.	LA-1614	39
53-10-07	LIGHT WATER LATTICE STUDIES	KOUTS, H.	BNL-01812	2036
53-11-05	BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235)	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	BNL-01627	631
53-11-18	PRELIMINARY CRITICAL ASSEMBLY FOR THE MOLTEN FLUORIDE REACTOR EXPERIMENT	CALLIHAN, A. D. / SCOTT, D.	ORNL-1634	2073
53-12-00	SAFETY TESTS FOR MELTING AND CASTING ORALLOY	HART, F. F.	LA-1623	1983
53-12-01	MINIMUM CRITICAL MASS AND UNIFORM THERMAL NEUTRON CORE FLUX IN AN EXPERIMENTAL REACTOR	MORFITT, J. W.	Y-1023	2051
54-03-00	EXPERIMENTS ON ZERO POWER REACTOR (ZPR-1) PART III	MARTENS, F. H.	TID-10020	2072
54-04-00	NEUTRON DETECTOR TRAVERSES IN THE TOPSY AND GODIVA CRITICAL ASSEMBLIES	LINENBERGER, G. A. / LOWRY, L. L.	LA-1653	227

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE

54-05-00	CRITICAL MASS MEASUREMENT ON ORALLOY IN TUBALLOY AND TUNGSTEN CARBIDE TAMPERS	JOSEPHSON, V.	LA-1114 (DEL)	134
54-05-19	CRITICAL MASSES OF GRAPHITE-TAMPED HETEROGENEOUS ORALLOY-GRAPHITE SYSTEMS	HOOGERP, J. C.	LA-1732	24
54-06-17	CRITICAL MASS STUDIES, PART 7 AQUEOUS URANIUM SLURRIES	CRONIN, D. F. / CALLIHAN, A. D.	ORNL-1726	234
54-07-14	CRITICALITY DATA FOR URANIUM-ALUMINUM SLUG LATTICES IN WATER	FOX, J. K. / MARABLE, J. H.	ORNL-1715, 13-14	867
54-07-14	BORON POISONING IN CRITICAL SLABS	GILLEY, L. W. / CRONIN, D. F. / HARNESS, V. G.	ORNL-1715, 12	196
54-07-23	BUCKLING OF A NATURAL URANIUM LIGHT WATER MODERATED LATTICE	DOWNES, K.	BNL-02016	632
54-11-00	REACTOR PROPERTIES OF WATER MODERATED SLIGHTLY ENRICHED URANIUM LATTICES	BROWN, J. R. / NOORDHOFF, B. H. / PROFIO, A. E. / BATESON, W. O.	WAPD-117	2059
54-11-00	EXPONENTIAL EXPERIMENTS FOR PIPPA MK. 1 (DECLASSIFIED VERSION OF AERE-RP/R-1545)	BEVAN, G. / MUMMERY, P. W. / SALMON, A. J. / THOMPSON, M. W.	AERE-R/R-2602	624
54-11-00	ONE-GROUP ANALYSIS OF CRITICALITY EXPERIMENTS	CLARK, H. K.	DP-059	1938
54-11-22	PRELIMINARY CRITICAL ASSEMBLIES OF THE REFLECTOR MODERATOR REACTOR	SPENCER, R. M.	ORNL-1770	1976
54-12-01	PRELIMINARY CRITICAL ASSEMBLY FOR SUPER CRITICAL WATER REACTOR, PART-2	NOAKS, J. W. / CRUDELE, J. S.	ORNL-CF-54-12-21	1969
55-00-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	ORNL-1992	363
55-02-07	BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	BNL-02184	2043
55-05-00	CRITICAL EXPERIMENTS ON A HIGHLY ENRICHED HOMOGENEOUS REACTOR	BROWN, J. R. / NOORDHOFF, B. H. / BATESON, W. O.	WAPD-128	183
55-05-31	PRELIMINARY CRITICAL TESTS USING AQUARIUM FUEL ELEMENTS IN THE BSR GRID	HENRY, K. M. / JOHNSON, E. B. / MAIENSCHIN, F. C.	CF-55-5-189	2068
55-06-29	NEUTRON MULTIPLICATION MEASUREMENTS OF ORALLOY UNITS IN ARRAYS	SCHUSKE, C. L.	RFP-0051	604
55-08-00	THE FAST EXPONENTIAL EXPERIMENTS	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342-346	1954
55-08-00	EXPONENTIAL EXPERIMENTS ON DEUTERIUM-OXIDE--URANIUM LATTICES	COHEN, E. R.	GENEVA-1, 05, 268-278	1953
55-08-00	THE CRITICAL ASSEMBLY--A NUCLEAR DESIGN TOOL	SNYDER, T. M.	GENEVA-1, 05, 162-171	1951
55-08-00	SOME EXPERIENCES ON AN EXPONENTIAL PILE OF URANIUM AND HEAVY WATER	PERSSON, R. / BUSTRAAN, M. / BLOMSJO, E.	GENEVA-1, 05, 239-241	1952
55-08-00	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES	CALLIHAN, A. D. / MORFITT, J. W. / THOMAS, J. T.	GENEVA-1, 05, 145-155	325
55-08-00	EXPONENTIAL EXPERIMENTS IN GRAPHITE SYSTEMS	DAVENPORT, D. E.	GENEVA-1, 05, 309-316	1018
55-08-00	NORMAL URANIUM, GRAPHITE-MODERATED REACTORS: A COMPARISON OF THEORY AND EXPERIMENT--WATER COOLED LATTICES	GAST, P. F.	GENEVA-1, 05, 288-294	1038
55-08-00	PLUTONIUM - WATER CRITICAL ASSEMBLIES	HORTON, C. C. / MC CULLEN, J. D.	GENEVA-1, 05, 156-161	364

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

55-08-00	COMPARISON OF THEORY AND EXPERIMENT FOR INTERMEDIATE ASSEMBLIES	HURWITZ, H. / EHRLICH, R.	GENEVA-1, 05, 423-432	331
55-08-00	EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	GENEVA-1, 05, 183-202	1019
55-08-00	PRESSURISED WATER REACTOR (P.W.R.) CRITICAL EXPERIMENTS	KRASIK, S. / RADKOWSKY, A.	GENEVA-1, 05, 203-214	469
55-09-07	CRITICAL PARAMETERS OF SLIGHTLY ENRICHED URANIUM SOLUTIONS IN SPHERICAL GEOMETRY	CRONIN, D. F. / THOMAS, J. T.	ORNL-1926, 07-08	855
55-09-07	EFFECT OF CONCRETE AS A NEUTRON REFLECTOR	GILLEY, L. W.	ORNL-1926, 08-09	856
55-09-07	CRITICAL PARAMETERS OF URANIUM-235 ENRICHED SOLUTIONS IN SPHERICAL GEOMETRY	THOMAS, J. T.	ORNL-1926, 06-07	854
55-09-23	CRITICAL MASS CALCULATION FOR APPR-1 CRITICAL EXPERIMENT	GALLAGHER, J. G. / GIESLER, H. W. / JOHNSON, W. R.	APAE-MEMO-001	2065
55-10-00	EXPONENTIAL EXPERIMENTS WITH ENRICHED URANIUM--NATURAL WATER SYSTEMS	DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1788	2098
55-10-00	CRITICAL ASSEMBLIES AT LOS ALAMOS, GODIVA, TOPSY, JEZEBEL	PAXTON, H. C.	NUCLEONICS, 13, 048-050	315
55-10-11	CRITICAL EXPERIMENTS ON LIGHTLY ENRICHED URANIUM-ZIRCONIUM ASSEMBLY	BAYARD, R. T. / HOVATTER, K. R. / MOREWITZ, H. A. / ZISSIS, G. J.	WAPD-PM-32	2050
55-10-21	CRITICAL EXPERIMENTS WITH URANIUM OF INTERMEDIATE URANIUM-235 CONTENT	CALLIHAN, A. D. / CRONIN, D. F.	ORNL-CF-55-10-97	2044
55-11-00	REACTOR PARAMETERS OF A LIGHT WATER-NORMAL URANIUM LATTICE (LETTER)	KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V.	JAABA, 02, 141	1957
55-11-00	THE FAST EXPONENTIAL EXPERIMENT	MARTENS, F. H.	ANL-5379	1452
55-11-25	PRELIMINARY RESULTS OF APPR CRITICAL EXPERIMENTS. PART I	WILLIAMS, D. V. P.	ORNL-2021	2070
55-12-00	ANALYSIS OF DCTF CRITICALITY AND REACTIVITY DATA	GELBARD, E. M.	WAPD-P-695	2077
56-00-00	URANIUM-235-WATER ASSEMBLIES FOR LIDO	HORTON, C. C.	UK/C/5/5	2102
56-00-00	U.K./CANADA CONFERENCE. NUCLEAR DATA SESSION: FIVE PLUTONIUM-239, URANIUM-235, URANIUM-233 -- WATER ASSEMBLIES (ZETR)	HINES, K. C.	UK/C/5/1	2101
56-00-00	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES	CALLIHAN, A. D.	NUEGA 01	289
56-01-16	EXPONENTIAL PILE MEASUREMENTS IN WATER MODERATED LATTICES WITH ENRICHED URANIUM-WATER ROD LATTICES	CLAYTON, E. D.	HW-40930	645
56-02-07	CRITICAL PARAMETERS OF A PROTON MODERATED AND PROTON REFLECTED SLAB OF URANIUM-235	FOX, J. K. / GILLEY, L. W.	ORNL-CF-56-2-63	369
56-03-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	NSENAO, 01, 020-032	1092
56-03-00	TOPSY, A REMOTELY CONTROLLED CRITICAL ASSEMBLY MACHINE	WHITE, R. H.	NSENAO, 01, 053-061	5
56-05-00	SLAB EXPERIMENTS. II. URANIUM METAL REFLECTOR	HARTLEY, W. H.	WAPD-PWR-PH-112	2108
56-05-00	ZPR-3, ARGONNE'S FAST CRITICAL FACILITY	CERUTTI, B. C. / LICHTENBERGER, H. V. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	NSENAO, 01, 126-134	267
56-05-00	AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY	PETERSON, R. E. / NEWBY, G. A.	NSENAO, 01, 112-125	4

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

56-05-00	CRITICAL MASSES OF FISSIONABLE METALS AS BASIC NUCLEAR SAFETY DATA	PAXTON, H. C./ GRAVES, G. A.	LA-1958	89
56-05-24	COMPOSITION OF FPR-1, 2, 2A, AND 3A	PANISZCZYN, J. B.	KAPL-M-JBP-1	2056
56-05-31	CLUSTER ROD LATTICES WITH NATURAL URANIUM	BLOCK, E. Z.	HW-43441, 37	871
56-05-31	ENRICHED URANIUM - GRAPHITE LATTICES	CLAYTON, E. D./ LLOYD, R. C.	HW-43441, 33-36	810
56-07-00	SLAB EXPERIMENTS. III. URANIUM OXIDE REFLECTOR	HARTLEY, W. H.	WAPD-PWR-PH-126	2057
56-07-20	CRITICAL GEOMETRIES FOR BARE CYLINDERS	POND, J. A.	GAT-189	474
56-07-30	PRELIMINARY REPORT OF CRITICAL EXPERIMENTS IN SLAB GEOMETRY	FOX, J. K./ GILLEY, L. W.	ORNL-CF-56-7-148	76
56-08-00	HOMOGENEOUS HEAVY WATER MODERATED CRITICAL ASSEMBLIES. PART 1. EXPERIMENTAL	OLCOTT, R. N.	NSENAO, 01, 327-341	3
56-08-02	CRITICAL EXPERIMENTS AND NUCLEAR SAFETY AT OAK RIDGE NATIONAL LABORATORY	CALLIHAN, A. D.	ORNL-2087	2071
56-08-06	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSSED IN SOLUTIONS. PART-1	SCHUSKE, C. L./ ARTHUR, M. G./ SMITH, D. F.	RFP-0066	189
56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT	WILLIAMS, D. V. P./ MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	ORNL-2128	1977
56-09-00	EXPONENTIAL EXPERIMENTS WITH NATURAL AND SLIGHTLY ENRICHED URANIUM, GRAPHITE MODERATED SYSTEMS	LOCKEY, D. J. / PEARSON, H. / POPE, A. L. / WELLS, C. M.	AERE-R/R-2597	2097
56-09-20	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTIONS.. PART 1: EXPERIMENTAL TECHNIQUES AND RESULTS	CLARKE, W. G./ HORTON, C. C./ SMITH, M. F.	AERE-R/R-2051	185
56-10-00	MEASUREMENT OF NEUTRON SPECTRA OF THE EXPERIMENTAL BREEDER REACTOR	EGGLER, C./ HUDDLESTON, C. M./ KROHN, V. E./ RINGO, G. R.	NSENAO, 01, 391-408	1141
56-10-17	PLUTONIUM-METAL CRITICAL ASSEMBLIES	JARVIS, G. A./ LINENBERGER, G. A./ PAXTON, H. C.	LA-2044 (DEL)	19
56-10-22	MULTIPLE METAL ROD ASSEMBLIES IN ZEEP	CRITOPH, E. / OKAZAKI, A. / HONE, D. W. / TUNNICLIFFE, P. R. / DE MILLE, G. R. / HANNA, G. C.	UK/C/5/103	2103
56-10-25	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSSED IN SOLUTION. PART-2	SCHUSKE, C. L./ ARTHUR, M. G./ SMITH, D. F.	RFP-0069	190
56-10-31	PRELIMINARY SURVEY OF URANIUM METAL EXPONENTIAL COLUMNS	NEUER, J. J./ STEWART, C. B.	LA-2023	186
56-11-00	AN ALUMINUM-URANIUM CRITICAL ASSEMBLY IN CYLINDRICAL GEOMETRY	LEVINE, S. H. / JOHNSON, P. G.	WAPD-TM-0024	2078
56-11-00	BUCKLING MEASUREMENTS WITH ENRICHED FUEL ELEMENTS IN LIGHT WATER	BLOCK, E. Z./ CLAYTON, E. D.	HW-47012, 12-19	872
56-11-05	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-235	FOX, J. K./ GILLEY, L. W.	ORNL-2081, 61	205
56-11-05	ENRICHED URANIUM, GRAPHITE LATTICES	LLOYD, R. C.	HW-47012	811
56-11-07	RESULTS AND ANALYSIS OF THE APPR-1 ZERO POWER EXPERIMENTS. PART 1	GIESLER, H. W.	APAE-MEMO-061	2066
57-00-00	GRAPHITE-MODERATED, GRAPHITE-REFLECTED CRITICAL ASSEMBLIES	BYERS, C. C.	AECU-3605	2054
57-01-09	CRITICALITY DATA ON METAL URANIUM-233 SPHERICAL SYSTEMS	PLASSMANN, E. A. / WOOD, D. P.	BNL-0483, 73-74	2067

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

57-01-28	CRITICAL ASSEMBLY OF URANIUM METAL AT AN AVERAGE URANIUM-235 CONCENTRATION OF 16-1/4 PERCENT	NEUER, J. J.	LA-2085	97
57-02-08	ARMY PACKAGE POWER REACTOR ZERO POWER EXPERIMENTS (ZPE-1)	NOAKS, J. W. / JOHNSON, W. R.	APAE-08	2064
57-03-06	ENRICHED URANIUM - WATER LATTICES	BLOCK, E. Z.	HW-48893	812
57-03-06	CRITICAL MASSES OF ORALLOY LATTICES IMMERSED IN WATER	HOOGERP, J. C.	LA-2026	143
57-03-06	ENRICHED URANIUM - GRAPHITE LATTICES	LLOYD, R. C.	HW-48893	873
57-04-00	A BERYLLIUM MODERATED REACTOR (LETTER)	KRASIN, A. K. / DUBOVSKY, B. G.	JAABA, 04, 520-521	1956
57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF DIFFERENT REFLECTOR ARRANGEMENTS AND COMPOSITIONS	MC FARLAND, C. E. / VOORHIS, A. D.	WAPD-169	2074
57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF ABSORBING MEMBRANES OF CADMIUM, GOLD, AND BORON	VOORHIS, A. D. / RYAN, T. M. / GOLDSMITH, M. / JONES, R. T.	WAPD-170	2075
57-04-03	LOW-POWER CRITICALITY EXPERIMENTS ON THE HOMOGENEOUS REACTOR EXPERIMENT (HRE-1)	VISNER, S. / WOOD, P. M.	ORNL-1858	2107
57-04-11	CRITICAL MASS MEASUREMENTS ON GRAPHITE URANIUM-235 SYSTEMS	CAROTHERS, J. E.	UCRL-4880	70
57-06-00	CRITICAL MASSES OF ORALLOY ASSEMBLIES	GRAVES, G. A. / PAXTON, H. C.	NUCLEONICS, 15, 090-092	77
57-07-00	APPROACH TO CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM IN NATURAL WATER	CROCKER, V. S. / DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1810	2099
57-07-01	EXPERIMENTS TO DETERMINE THE INFINITE MULTIPLICATION FACTORS OF ENRICHED URANYL FLUORIDE-WATER MIXTURES	HANDLER, H. E.	HW-51168	646
57-08-00	BUCKLING MEASUREMENTS WITH ENRICHED HOLLOW FUEL ELEMENTS IN LIGHT WATER PHYSICS RESEARCH QUARTERLY REPORT	CLAYTON, E. D. / BLOCK, E. Z.	HW-51983	1087
57-09-00	SPHERICAL AND CYLINDRICAL PLUTONIUM CRITICAL MASSES	KLOVERSTROM, F. A.	UCRL-4957	27
57-09-00	EXPERIMENTAL STUDIES OF SLIGHTLY ENRICHED URANIUM, WATER-MODERATED LATTICES	KOUTS, H. / SHER, R.	BNL-00486	197
57-09-27	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM. DIAMETER URANIUM METAL RODS IN HEAVY WATER	OKAZAKI, A. / HONE, D. W.	UK/C/6/120	2104
57-10-10	CRITICAL MASSES OF SPHERICAL SYSTEMS OF ORALLOY REFLECTED IN BERYLLIUM	RALSTON, H. R.	UCRL-4975	95
57-10-11	BERYLLIUM-REFLECTED, GRAPHITE-MODERATED CRITICAL ASSEMBLIES	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	LA-2141	26
57-11-01	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS	KIRSCHBAUM, A. J.	UCRL-4983-T	69
57-11-12	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS	KIRSCHBAUM, A. J.	BNL-0489, 275-290	2084
57-11-12	GRAPHITE MODERATED, GRAPHITE REFLECTED CRITICAL ASSEMBLIES	BYERS, C. C.	BNL-0489, 291-296	2063
57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	BNL-0489, 297-302	2085
57-11-12	A GRAPHITE MODERATED CRITICAL ASSEMBLY--	ZIMMERMAN, E. L.	BNL-0489, 239-274	2062

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

CA-4

57-11-12	PHYSICS EXPERIMENTS PERFORMED FOR AND ON SODIUM GRAPHITE REACTORS	BROWN, W. W. / CAMPBELL, R. W. / GUDERJAHN, C. A. / LAUBENSTEIN, R. A.	BNL-0489, 217-223	2083
57-11-12	FRENCH RESULTS ON THE NATURAL URANIUM-GRAPHITE LATTICES	KOECHLIN, J. C. / TANGUY, P. / ZALESKI, C. P.	BNL-0489, 097-126	2082
57-11-12	THE NUCLEAR PARAMETERS OF SOME LARGE PROCESS TUBE LATTICES FROM PCTR MEASUREMENTS	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 089-094	2060
57-11-12	THE NUCLEAR PARAMETERS OF SOME GRAPHITE, NATURAL URANIUM LATTICES MEASURED IN THE PCTR	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 085-088	2081
57-11-12	BUCKLING MEASUREMENTS WITH ENRICHED URANIUM IN GRAPHITE SYSTEMS	CLAYTON, E. D.	BNL-0489, 189-210	2061
57-11-12	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	BNL-0489, 069-084	2080
57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS	HANSEN, G. E. / HOOGTERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	AECU-3604	84
57-11-15	CRITICAL MEASUREMENTS ON INTERMEDIATE-ENERGY GRAPHITE-URANIUM-235 SYSTEMS	SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5006	68
57-11-27	SUBCRITICAL MEASUREMENTS ON PARALLELEPIPEDS CONTAINING URANIUM-235 AND SALT EUTECTIC	SCHUSKE, C. L. / ARTHUR, M. G. / GOODWIN, A. / NICKEL, A. N. / SMITH, D. F.	RFP-0089	1113
57-12-10	STUDIES OF ENRICHED-URANIUM GRAPHITE SYSTEMS	KIRSCHBAUM, A. J. / SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5043	18
58-00-00	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTION PART 2 PREPARATION AND HANDLING OF SOLUTIONS	CUNNINGHAM, J. E. / WALL, G. P. / WELLS, I.	AERE-CE/R-2052	288
58-00-00	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM-235	FOX, J. K. / GILLEY, L. W.	ORNL-2389	368
58-00-00	SOME STUDIES OF WATER, STYROFOAM AND PLEXIGLAS REFLECTORS	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-39	371
58-00-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE PART 1 FUEL SYSTEM	KING, D. T. / WALL, G. P. / WHITE, J. W. C.	AERE-CE/R-2624	286
58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	2076
58-02-20	CRITICALITY AND PULSED-NEUTRON-SOURCE STUDIES ON AN EPITHERMAL GRAPHITE-URANIUM-235 HOMOGENEOUS UNREFLECTED SYSTEM	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5149	994
58-03-00	TWO-DIMENSIONAL (R,Z) MULTIGROUP CALCULATION FOR AN INTERMEDIATE SPECTRUM CRITICAL ASSEMBLY	HOFMANN, P. L. / STORM, M. L.	NSENAO, 03, 313-338	1133
58-03-04	CRITICAL MASS STUDIES, PART-9: AQUEOUS URANIUM-235 SOLUTIONS (CONTINUED)	FOX, J. K. / GILLEY, L. W. / CALLIHAN, A. D.	ORNL-2367	49
58-03-05	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN A RANDOM ARRAY, WATER MODERATED NUCLEAR PHYSICS RESEARCH-QUARTERLY REPORT	LLOYD, R. C.	HW-54591	1088
58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, J.	UCRL-5159	56

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

		L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.		
58-03-31	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS	REYNOLDS, H. L.	UCRL-5175	61
58-04-29	PLUTONIUM SPIKE ENRICHMENT	ENGESSER, F. C. / LILLEY, J. R.	HW-55879, 16-23	877
58-04-29	K(INF) MEASUREMENTS FOR A THREE PIECE, ANNULAR URANIUM DIOXIDE FUEL ELEMENT IN AN 8 INCH TRIANGULAR HEAVY WATER LATTICE	LILLEY, J. R. / ENGESSER, F. C.	HW-55879, 24-25	878
58-04-29	NUCLEAR SAFETY SPECIFICATIONS FOR ENRICHED URANIUM IN THE 1.25-2 PERCENT RANGE	LLOYD, R. C.	HW-55879, 09-11	814
58-04-29	BUCKLING MEASUREMENTS FOR FUEL ELEMENTS IN A RANDOM ARRAY	LLOYD, R. C.	HW-55879, 12	876
58-06-00	CRITICAL PARAMETERS OF A PROTON- MODERATED AND PROTON-REFLECTED SLAB OF URANIUM-235	FOX, J. K. / GILLEY, L. W. / MARABLE, J. H.	NSENAO, 03, 694-697	165
58-06-00	EXPERIMENTS WITH THORIA-URANIA-DEUTERIUM OXIDE WATER CRITICALS	ARMSTRONG, J. W. / BEIDELMAN, J. A. / KAUFMANN, S. G. / PLUMLEE, K. E.	TANSAO, 01, 1, 098-099	465
58-06-00	PHYSICS CALCULATIONS ON FOUR LOS ALAMOS GRAPHITE MODERATED CRITICAL ASSEMBLIES	ISKENDERIAN, H. / BYERS, C. C.	TANSAO, 01, 1, 149-150	136
58-06-09	CRITICAL-MASS DETERMINATIONS OF LEAD- REFLECTED SYSTEMS	DONALDSON, R. E. / BROWN, W. K.	UCRL-5255	63
58-07-00	THE BEHAVIOUR OF ZEPHYR WITH A GRAPHITE ENVELOPE	INGRAM, G. / SANDERS, J. E.	AERE-R/R-2539	617
58-07-16	THE ALCO PRODUCTS, INC. CRITICALITY FACILITY. DESCRIPTION AND OPERATION	NOAKS, J. W.	APAE-36	2055
58-07-16	CRITICAL MASSES OF ORALLOY IN THIN REFLECTORS	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	LA-2203	98
58-07-21	CRITICALITY PARAMETERS FOR LATTICES WITH 1.6 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER	LLOYD, R. C. / CLAYTON, E. D. / HANDLER, H. E.	HW-56919	879
58-08-00	SOME APPLICATIONS OF THE S-N METHOD	KIEHN, R. M.	NSENAO, 04, 166-179	993
58-08-01	CRITICAL PARAMETERS FOR POISONED ANNULAR CYLINDERS CONTAINING AQUEOUS SOLUTIONS OF URANIUM-235	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-8-5	372
58-08-03	CRITICAL EXPERIMENTS WITH 2.09% URANIUM- 235 ENRICHED URANIUM METAL PLATES IN WATER	FOX, J. K. / MIHALCZO, J. T. / GILLEY, L. W.	ORNL-CF-58-8-3	1970
58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	2088
58-09-00	CRITICAL MEASUREMENTS ON URANIUM TRIOXIDE IN PHOSPHORIC ACID SOLUTIONS (UO ₃ -H ₃ PO ₄)	ALLRED, J. C. / BENDT, P. J. / PETERSON, R. E.	NSENAO, 04, 498-500	140
58-09-00	NATURAL URANIUM-GRAPHITE LATTICES	BACHER, P. / KOECHLIN, J. C. / DE MAZANCOURT, R. / TESTE DU BAILLER, A. / ZALESKI, C. P.	GENEVA-2, 12, 666-684	1950
58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585-606	591
58-09-00	PROSERPINE, A HOMOGENEOUS CRITICAL	BERTRAND, J. / BONNAURE, P. /	GENEVA-2, 12, 539-562	291

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

EXPERIMENT WITH PLUTONIUM		CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.		
58-09-00	EXPONENTIAL EXPERIMENTS WITH ORGANIC MODERATED URANIUM LATTICES	BROWN, W. W.	GENEVA-2, 12, 514-517	1949
58-09-00	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS	REYNOLDS, H. L.	GENEVA-2, 12, 632-642	273
58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF UNREFLECTED AQUEOUS URANIUM-235 CRITICAL ASSEMBLIES	GWIN, R. / TRUNBEY, D. K. / WEINBERG, A. M.	GENEVA-2, 12, 529-538	377
58-09-00	PROPERTIES OF ELEMENTARY FAST-NEUTRON CRITICAL ASSEMBLIES	HANSEN, G. E.	GENEVA-2, 12, 084-088	324
58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	1947
58-09-00	RESEARCH EXPERIENCE WITH PLASTIC MODERATED CRITICAL ASSEMBLIES	JANKOWSKI, F. J.	GENEVA-2, 12, 747-762	739
58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446-482	1086
58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR	KRASIN, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHENKOV, A. P.	GENEVA-2, 12, 571-579	467
58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3	LONG, J. K. / LOEWENSTEIN, W. B. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119-141	354
58-09-00	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	NSENAO, 04, 297-321	346
58-09-00	EXPONENTIAL EXPERIMENTS ON HEAVY WATER NATURAL URANIUM METAL AND OXIDE LATTICES	PERSSON, R. / BLOMSJO, E. / ANDERSEN, E. / ASPELUND, O. / DODERLEIN, J.	GENEVA-2, 12, 364-373	1948
58-09-00	A BARE CRITICAL ASSEMBLY OF NATURAL URANIUM AND HEAVY WATER	POPOVIC, D.	GENEVA-2, 12, 392-394	592
58-09-00	PROPERTIES OF EXPONENTIAL AND CRITICAL SYSTEMS OF THORIA-URANIA AND HEAVY WATER AND APPLICATION TO REACTOR DESIGN	REDMAN, W. C. / THIE, J. A.	GENEVA-2, 12, 402-413	464
58-09-00	PHYSICS CONSIDERATIONS IN THE DESIGN OF INTERMEDIATE ENERGY SPECTRUM REACTORS	STEWART, H. B. / HOFMANN, P. L. / STORM, M. L. /	GENEVA-2, 12, 142-150	1946
58-09-10	GCRE CRITICAL-ASSEMBLY STUDIES	DINGEE, D. A. / BALLOWE, W. C. / KLINGENSMITH, R. W. / EGEN, R. A. / JANKOWSKI, F. J. / CHASTAIN, J. W.	BMI-1288	1438
58-09-10	CRITICAL PARAMETERS OF SPHERICAL SYSTEMS OF ALPHA-PHASE PLUTONIUM REFLECTED BY BERYLLIUM	RALSTON, H. R.	UCRL-5349	17
58-09-29	PLUTONIUM GRAPHITE ASSEMBLIES	GOODWIN, A. / SCHUSKE, C. L.	RFP-0123	200
58-10-00	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN RANDOM ARRAYS	LLOYD, R. C.	HW-57853	1122
58-10-01	A GENERALIZED AND CONSISTENT METHOD FOR CALCULATING THE CRITICAL MASS OF HOMOGENEOUS AQUEOUS URANYL FLUORIDE	HERMANN, O. W.	KY-294	476

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

SOLUTIONS				
58-10-02	CRITICAL EXPERIMENTS WITH ARRAYS OF ORR AND BSR FUEL ELEMENTS	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-40	1971
58-10-20	CRITICALITY MEASUREMENTS ON HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS	LLOYD, R. C. / SMITH, R. B.	HW-57861	238
58-10-20	TWO BERYLLIUM-MODERATED CRITICAL ASSEMBLIES	ZIMMERMAN, E. L.	ORNL-2201	101
58-10-29	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	ORNL-2609	164
58-11-00	INTERACTION OF SUBCRITICAL COMPONENTS	CLARK, H. K.	DP-312	694
58-11-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	AERE-R/R-2703	66
59-00-00	ZEUS FINAL REPORT	BAKER, A. R. / SMITH, R. D.	AERE-R/R-2444	623
59-00-00	CRITICAL ASSEMBLIES OF PLUTONIUM NITRATE SOLUTIONS	CROCKER, V. S. / ET AL	AERE-CR/R-1182	287
59-01-00	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM DIAMETER URANIUM METAL RODS IN HEAVY WATER	OKAZAKI, A. / ALLEN, D. F. / HONE, D. W.	CRRP-648	2100
59-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-59126	239
59-02-05	PULSED NEUTRON SOURCE STUDIES OF GRAPHITE-ENRICHED URANIUM SYSTEMS	KLOVERSTROM, F. A. / KOMOTO, T. T.	UCRL-5477	55
59-03-03	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS, FUELED BY THIN ORALLOY FOILS	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5506	117
59-03-26	CRITICAL ASSEMBLIES OF URANIUM METAL	GWIN, R. / MEE, W. T.	Y-1248	87
59-03-30	HOT BOX - A HIGH-TEMPERATURE CRITICAL FACILITY	REYNOLDS, H. L. / WALTER, C. E.	UCRL-5483	54
59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER	DAVISON, P. W. / BERG, S. S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAEC-094	472
59-04-20	MATERIAL BUCKLINGS OF GRAPHITE-URANIUM LATTICES	ENDRES, G. W. R. / WOOD, D. E.	HW-60220, 27-32	817
59-04-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-60220, 47-51	881
59-04-20	EXPONENTIAL MEASUREMENTS WITH 1.25 PERCENT ENRICHED URANIUM	LLOYD, R. C.	HW-60220, 55-57	883
59-04-20	MEASUREMENTS OF K(INF) FOR 3 PERCENT ENRICHED URANIUM FLUORIDE-HYDROGEN MODERATED SYSTEMS	NEELEY, V. I. / BERBERET, J. A.	HW-60220, 52-54	882
59-04-20	MEASUREMENT OF K(INF) FOR 2 PERCENT ENRICHED URANIUM TETRAFLUORIDE-PARAFFIN MIXTURE	NEELEY, V. I.	HW-60220, 35-45	880
59-04-22	PRELIMINARY REPORT ON 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE/PARAFFIN CRITICAL ASSEMBLIES	MIHALCZO, J. T. / LYNN, J. J. / SCOTT, D. / CONNOLLY, W. C.	ORNL-CF-59-4-120	204
59-06-00	CRITICAL ASSEMBLIES OF INFINITE SLABS OF HIGHLY ENRICHED URANIUM AND WATER	WOODCOCK, E. R.	AHSB-17	806

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

59-06-00	NEUTRON MULTIPLICATION MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	TANSAO, 01, 2, 062-063	2035
59-06-00	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS FUELED BY THIN ENRICHED URANIUM FOILS	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	TANSAO, 02, 2, 162-163	2032
59-06-00	REACTIVITY AND FLUX MEASUREMENTS IN HIGHLY REFLECTED URANIUM-235-BISMUTH-GRAPHITE CRITICAL EXPERIMENTS	ENGELDER, T. C. / GIESLER, H. W. / FARRARR, J. P.	TANSAO, 02, 2, 168-169	2033
59-07-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-3, THEORETICAL ANALYSIS	CARTER, C. / LANG, P. K. H. / MYATT, G.	AERE-R/R-2731	67
59-07-00	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-61181, 52-58	1126
59-07-01	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5369 PT.-1 REV.	100
59-07-27	MULTIPLICATION MEASUREMENTS WITH HIGHLY ENRICHED URANIUM METAL SLABS	MIHALCZO, J. T. / LYNN, J. J.	ORNL-CF-59-7-87	210
59-08-00	CRITICALITY STUDIES (A LITERATURE SEARCH)	SCOTT, RAYMOND L.	TID-03533	1431
59-08-10	PLUTONIUM GRAPHITE ASSEMBLIES - PART-2	GOODWIN, A. / SCHUSKE, C. L.	RFP-0158	199
59-09-00	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	ORNL-2842	163
59-09-22	A COMPARISON OF PCTR AND CRITICAL EXPERIMENT DETERMINATION OF K(INF) FOR 2 WEIGHT PERCENT URANIUM-235. ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN	NEELEY, V. I.	HW-62031	647
59-09-23	CRITICAL MASS STUDIES, PART-8 AQUEOUS SOLUTIONS OF URANIUM-233	FOX, J. K. / GILLEY, L. W. / ROHRER, E. R.	ORNL-2143	111
59-10-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEM	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-62727	240
59-11-00	CRITICAL MASSES AND LATTICE PARAMETERS OF WATER-URANIUM DIOXIDE CRITICAL EXPERIMENTS: A COMPARISON OF THEORY AND EXPERIMENT	ARNOLD, W. H. /	YAEC-152	198
59-11-00	GRAPHITE - URANIUM EXPONENTIAL MEASUREMENTS FOR LARGE FUEL ELEMENTS	WOOD, D. E. / ENDRES, G. W. R.	TANSAO, 02, 2, 084-085	2041
59-11-00	A COMPARISON OF SOME CRITICALITY CALCULATIONS WITH EXPERIMENT	NESTOR, C. W.	TANSAO, 02, 2, 042-043	2038
59-11-00	EXPERIMENTAL AND THEORETICAL REACTIVITY STUDIES OF STAINLESS STEEL FUEL ELEMENTS	SPANO, A. H. / METCALF, D. R.	TANSAO, 02, 2, 041-042	2037
59-11-00	A THORIUM-URANIUM EXPONENTIAL EXPERIMENT	SKEEN, C. H. / BROWN, W. W.	TANSAO, 02, 2, 080-084	2040
59-11-00	INITIAL EXPERIMENTS WITH THE ORGANIC-MODERATED REACTOR CRITICAL ASSEMBLY	ZWETZIG, G. B. / BELLER, L. S. / FIELD, H. C. / MOUNTFORD, L. A. / TUTTLE, R. J.	TANSAO, 02, 2, 085-086	2042
59-11-00	MULTIPLICATION MEASUREMENTS WITH SLABS OF ENRICHED URANIUM	MIHALCZO, J. T. / LYNN, J. J.	TANSAQ, 02, 2, 080	2039
59-11-30	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	YAEC-142	680
59-12-28	INTERACTION OF TWO METAL SLABS OF PLUTONIUM IN PLEXIGLASS	SCHUSKE, C. L. / GOODWIN, A. / BIDINGER, G. H. / SMITH, D. F.	RFP-0174	181

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

60-00-00	NEUTRONIC STUDY OF A PLUTONIUM REACTOR, PROSERPINE - CORRELATIONS BETWEEN NEUTRONS IN A CHAIN REACTION	TACHON, J.	CEA-1547	722
60-01-00	ENRICHED-URANIUM HYDRIDE CRITICAL ASSEMBLIES	LINENBERGER, G. A. / ORNDORFF, J. D. / PAXTON, H. C.	NSENAO, 07, 044-057	141
60-01-00	REACTIVITY EFFECTS OF LARGE VOIDS IN THE REFLECTOR OF A LIGHT-WATER-MODERATED AND -REFLECTED REACTOR	REYNOLDS, A. B. / THOMPSON, T. J. / HENRY, K. M. / JOHNSON, E. B.	NSENAO, 07, 001-013	1149
60-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM AND WATER SYSTEMS	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B. / NEELEY, V. I.	HW-63576, 65-69	187
60-01-20	PLUTONIUM PLEXIGLAS ASSEMBLIES	SCHUSKE, C. L. / BIDINGER, G. H. / GOODWIN, A. / SMITH, D. F.	RFP-0178	170
60-01-26	CRITICALITY STUDIES OF ENRICHED URANIUM METAL IN URANYL NITRATE SOLUTIONS	GOODWIN, A. / SCHUSKE, C. L. / BIDINGER, G. H.	RFP-0182	1987
60-02-00	CRITICAL DATA FOR NUCLEAR SAFETY GUIDANCE	PAXTON, H. C.	LAMS-2415	122
60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24514 (DEL)	13
60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24512	1077
60-02-24	HAZARDS SUMMARY REPORT: THE KUKLA PROMPT CRITICAL ASSEMBLY	CHRISTIE, E. R. / MAR, B. W.	UCRL-6105	452
60-02-29	BARE CRITICAL ASSEMBLIES OF ORALLOY AT INTERMEDIATE CONCENTRATIONS OF URANIUM-235	PAXTON, H. C.	LA-1671	37
60-03-00	CRITICALITY OF 30 PERCENT ENRICHED URANIUM SOLUTIONS IN CYLINDRICAL GEOMETRY. INTERIM REPORT	SMITH, J. C. / PARKER, A. V. / WALFORD, J. G. / WHITE, C.	DEG MEMO.-633 (D)	639
60-03-00	NEUTRON DIFFUSION THEORY PROGRAMS AND THEIR APPLICATION TO SIMPLE CRITICAL SYSTEMS	STONE, S. P. / LINGENFELTER, R. E.	UCRL-5913	20
60-03-30	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	WCAP-1412	681
60-04-00	NEUTRON ENERGY SPECTRUM MEASUREMENTS IN UNMODERATED ASSEMBLIES	FISCHER, G. J.	NSENAO, 07, 355-362	1063
60-04-20	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM - WATER SYSTEMS	LLOYD, R. C.	HW-64866, 150-151	2013
60-04-20	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-64866, 137-142	2012
60-04-20	EXPONENTIAL EXPERIMENTS WITH POISONED MODERATOR	LLOYD, R. C.	HW-64866, 148-149	2014
60-04-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 3.1% ENRICHED URANIUM RODS IN LIGHT WATER	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-64866, 143-147	2015
60-05-00	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	BAW-1191	1001
60-05-03	COMPARISON OF K(INF) MEASUREMENTS IN A CRITICAL ASSEMBLY WITH K(INF) MEASUREMENTS IN THE PHYSICAL CONSTANTS TESTING REACTOR	MIHALCZO, J. T.	ORNL-CF-60-04-24	373
60-06-00	CRITICAL EXPERIMENTS IN SLAB GEOMETRIES	HARTFIELD, R. A. / FINN, H. F. /	TANSAO, 03, 109	850

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

		NEWHOLD, R. J. / VOLLMER, R. H.		
60-06-00	BUCKLING MEASUREMENTS ON NATURAL URANIUM - HEAVY WATER LATTICES AT TEMPERATURES UP TO 215 DEGREE CENTIGRADE	HENNELLY, E. J. / PARKINSON, T. F. / ROGERS, W. B.	TANSAO, 03, 021-023	762
60-06-00	EXPERIMENTAL LATTICES PARAMETERS FOR HEAVY WATER - NATURAL URANIUM LATTICES	HURLEY, T. J. / O'NEILL, G. F.	TANSAO, 03, 075-076	848
60-06-00	NEUTRON AGE AND NON-LEAKAGE PROBABILITY FOR A 2 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE - PARAFFIN MIXTURE WITH A HYDROGEN/URANIUM RATIO OF 404	MIHALCZO, J. T.	TANSAO, 03, 074-075	847
60-06-00	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER	NEELEY, V. I. / CLAYTON, E. D. / LLOYD, R. C.	TANSAO, 03, 292-293	236
60-06-00	SHAPE PERTURBATIONS IN CRITICAL EXPERIMENTS	REARDON, W. A. / LLOYD, R. C.	TANSAO, 03, 070-071	846
60-06-00	HIGH TEMPERATURE GRAPHITE CRITICAL EXPERIMENTS	GOLDBERG, E. / FINKE, R. G. / REYNOLDS, H. L.	TANSAO, 03, 071-072	255
60-06-00	AN ENRICHED URANIUM DIOXIDE - ZIRCONIUM DIHYDRIDE CRITICAL ASSEMBLY	DAVIS, M. V. / THIELE, A. W.	TANSAO, 03, 104-105	849
60-06-00	RESONANCE ABSORPTION OF NEUTRONS IN THICK SHEETS OF MOLYBDENUM	GOLDBERG, E. / KLOVERSTROM, F. A.	TANSAO, 03, 213-214	333
60-06-08	SUMMARY LISTING OF SUBCRITICAL MEASUREMENTS OF HETEROGENEOUS WATER-URANIUM LATTICES MADE AT HANFORD	LLOYD, R. C.	HW-65552	130
60-07-07	NUCLEAR SAFETY EXPERIMENTS ON PLUTONIUM AND ENRICHED URANIUM HYDROGEN MODERATED ASSEMBLIES CONTAINING BORON	BIDINGER, G. H. / SCHUSKE, C. L. / SMITH, D. F.	RFP-0201	194
60-07-11	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS	KLOVERSTROM, F. A. / KRAFT, D. E.	UCRL-5369 PT. 2	22
60-07-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 2.00 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER	LLOYD, R. C. / CLAYTON, E. D. / JONES, B. L.	HW-66215, 30-33	188
60-07-27	PLUTONIUM PLEXIGLAS ASSEMBLIES PART-2	BIDINGER, G. H. / SCHUSKE, C. L. / SMITH, D. F.	RFP-0190	171
60-09-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN	MIHALCZO, J. T. / LYNN, J. J.	ORNL-3016	167
60-09-00	CRITICALITY CALCULATIONS OF BERYLLIUM OXIDE-MODERATED ENRICHED URANIUM SYSTEMS	LINGENFELTER, R. E.	NSENAO, 08, 226-232	257
60-09-00	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ENRICHED-URANIUM FUELED SYSTEMS	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	NSENAO, 08, 221-225	11
60-09-16	CRITICAL EXPERIMENTS FOR REACTOR PHYSICS STUDIES	GWIN, R. / MAGNUSON, D. W.	ORNL-CF-60-40-12	114
60-11-00	CRITICAL STUDIES OF A 450-LITER URANIUM OXIDE FAST REACTOR CORE,	HESS, A. L. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6336	607
60-11-00	CALCULATION OF HETEROGENEITY EFFECTS IN ZPR-3 FAST ASSEMBLIES USING THE DSN PROGRAMS	MENEGHETTI, D. / LOOMIS, M. F.	ANL-6218	1097
60-11-00	NUCLEAR ANALYSIS OF THERMAL REFLECTED CYLINDRICAL HOMOGENEOUS CRITICAL ASSEMBLIES	RUTLEDGE, G. P. / KANTORCZYK, P. A.	WAPD-TM-0244	682
60-11-14	NEUTRON MULTIPLICATION MEASUREMENTS OF	SCHUSKE, C. L.	RFP-0059	483

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

PARALLEL ARRAYS OF ORALLOY UNITS				
60-12-00	A URANIUM-METAL EXPONENTIAL EXPERIMENT	CHEZEM, C. G.	NSENAO, 08, 652-669	382
60-12-00	SPECTRAL COMPARISONS WITH HIGH ENERGY ACTIVATION DETECTORS	GRUNDL, J./ USNER, A.	NSENAO, 08, 598-607	407
60-12-00	CRITICAL PLUTONIUM AND ENRICHED-URANIUM-METAL CYLINDERS OF EXTREME SHAPE	HANSEN, G. E./ PAXTON, H. C./ WOOD, D. P.	NSENAO, 08, 570-577	9
60-12-00	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS	HANSEN, G. E./ WOOD, D. P./ GEER, W. U.	NSENAO, 08, 588-594	7
60-12-00	TWO PLUTONIUM-METAL CRITICAL ASSEMBLIES	JARVIS, G. A./ LINENBERGER, G. A./ ORNDOFF, J. D./ PAXTON, H. C.	NSENAO, 08, 525-531	10
60-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 2	NONE	BAW-1218	698
60-12-00	CRITICAL REFLECTOR THICKNESSES FOR SPHERICAL URANIUM-233 AND PLUTONIUM-239 SYSTEMS	PLASSMANN, E. A./ WOOD, D. P.	NSENAO, 08, 615-620	6
60-12-00	LEAKAGE NEUTRON SPECTRUM FROM A BARE PLUTONIUM-239 CRITICAL ASSEMBLY	STEWART, L.	NSENAO, 08, 595-597	406
60-12-00	HIGH TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENTS	FINKE, R. G./ GOLDBERG, E./ REYNOLDS, H. L./ GRAMMENS, G.	TANSAO, 03, 334-335	254
60-12-00	CRITICAL EXPERIMENTS INVOLVING GAPS IN SIMPLE CONFIGURATIONS	GOLDBERG, E. / KLOVERSTROM, F. A. / KRAFT, D. E.	TANSAO, 03, 331-332	256
60-12-00	CRITICAL MASSES OF CYLINDERS OF PLUTONIUM DILUTED WITH OTHER METALS	WOOD, D. P./ BYERS, C. C./ OSBORN, L. C.	NSENAO, 08, 578-587	8
61-00-00	A FAST NEUTRON BURST REACTOR	BLOKHIN, G. E. / BLOKHINTSEV, D. I. / BLYUMKINA, YU. A. / BONDARENKO, I. I. / DERYAGIN, B. I. / ZAIMOVSKII, A. S. / ET AL	ATOMK., 10, 437	336
61-00-00	PLEXIGLAS AND GRAPHITE MODERATED PLUTONIUM ASSEMBLIES	GOODWIN, A. / SCHUSKE, C. L.	JAABA, 15, 120-129	330
61-00-00	MEASUREMENTS OF BUCKLINGS BY THE PROGRESSIVE REPLACEMENT METHOD.	BACHER, P./ NAUDET, R.	JAABA, 13, 112-127 (ANL-TRANS-787)	1873
61-00-00	THE EQUIPMENT AND METHODS USED IN BRITISH CRITICALITY LABORATORIES	JONES, A. F./ WALFORD, J. G.	ENEA-KARLS.-1961, 553-588	334
61-01-00	SM-2 FLEXIBLE CRITICAL EXPERIMENTS	MC COOL, W. J./ ROBINSON, R. A./ SCHRADER, E. W./ WEISS, S. H.	NSENAO, 09, 047-054	1047
61-01-10	PLEXIGLAS-REFLECTED ASSEMBLIES OF PLUTONIUM	SCHUSKE, C. L./ SMITH, D. F./ BELL, C. L.	RFP-0213	182
61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS	KOCH, L. J./ LOEWENSTEIN, W. B./ LOVOFF, A./ HOOKER, H. H. / MONSON, H. O./ RAMP, R. L./ HUTTER, E.	ANL-6299	461
61-02-00	AN APPROACH TO REACTOR PHYSICS USING RESULTS OF INTEGRAL EXPERIMENTS	PUECHL, K. H.	NSENAO, 09, 241-259	1043
61-02-21	ML-1-1B CRITICAL-ASSEMBLY STUDIES	RAY, J. W. / MATTHEWS, R. G. / HOGAN, W. S. / DINGEE, D. A. / CHASTAIN, J. W.	BMI-1501	1437
61-03-00	MINIMUM CRITICAL DIMENSIONS FOR WATER SOLUTIONS	MILLS, C. B.	NSENAO, 09, 377-390	1042
61-03-00	CORRELATIONS OF EXPERIMENTAL AND THEORETICAL CRITICAL DATA	PAXTON, H. C.	LAMS-2537	184
61-03-21	SUMMARY REPORT ON A HIGH-TEMPERATURE	FINKE, R. G./ GOLDBERG, E./	UCRL-6329	51

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

	BERYLLIUM-OXIDE CRITICAL EXPERIMENT	REYNOLDS, H. L. / GRAMMENS, G.		
61-04-10	NEUTRON MULTIPLICATION EXPERIMENTS WITH ENRICHED URANIUM METAL IN SLAB GEOMETRY	MIHALCZO, J. T. / LYNN, J. J.	ORNL-CF-61-04-33	21
61-04-12	CRITICAL MASSES OF COMPOSITES OF ORALLOY AND PLUTONIUM-239-PLUTONIUM-240 IN FLATTOP GEOMETRY	BARTON, D. M. / BERNARD, W. / HANSEN, G. E.	LAMS-2489	64
61-05-00	MATERIAL BUCKLING MEASUREMENTS ON GRAPHITE-URANIUM SYSTEMS AT HANFORD: A SUMMARY TABULATION	WOOD, D. E.	HW-69525	1988
61-05-00	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	ANL-6337	86
61-05-00	CRITICAL STUDIES OF A DILUTE CARBIDE FAST REACTOR (CORE ZPR-3 ASSEMBLY 34)	HUBER, R. J. / LONG, J. K. / MC VEAN, R. L. / GASIDLO, J. M.	ANL-6401	85
61-06-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 4	NONE	BAW-1221	699
61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A	DE VILLIERS, J. W. L. / BAIRD, Q. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	1495
61-06-00	SPECIAL FEATURES OF THE ADVANCED EPITHERMAL THORIUM REACTOR CRITICAL ASSEMBLY	MOREWITZ, H. A. / CARPENTER, S. G. / EGGEN, D. T. / MYHRE, C.	TANSAO, 04, 055-056	1490
61-06-00	EXPONENTIAL EXPERIMENTS IN URANIUM-DIPHENYL LATTICES	CAMPBELL, R. W. / GUZZLE, T. L. / PASCHALL, R. K.	TANSAO, 04, 047-048	1480
61-06-00	ANALYTICAL AND EXPERIMENTAL RESULTS FOR A COMPACT, ZIRCONIUM HYDRIDE MODERATED CRITICAL ASSEMBLY	MOSS, L. I. / PODEWELTZ, C. M. / RANDALL, R. L. / SHAPIRO, J. L. / WIMMER, R. E.	TANSAO, 04, 053-054	1484
61-06-00	HETEROGENEOUS URANIUM METAL-GRAPHITE CRITICAL EXPERIMENTS	GUDERJAHN, C. A.	TANSAO, 04, 104	1493
61-06-00	INITIAL CRITICALITY AND EXPERIMENTS ON N. S. SAVANNAH CORE I	BALL, R. M. / MACKINNEY, A. L.	TANSAO, 04, 112-113	1499
61-06-00	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS	TRIPLETT, J. R. / SCHMID, L. C. / PETERSON, R. E. / DUNN, R. E. / REGIMBAL, J. J.	TANSAO, 04, 115-116	1998
61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	TANSAO, 04, 056-057	1491
61-06-00	CRITICAL EXPERIMENTS ON ENRICHED URANIUM STAINLESS STEEL WATER MODERATED LATTICES	WELSHANS, L. M. / JOHNSON, K. M.	TANSAO, 04, 104-106	1494
61-06-00	PM-1 ZERO POWER TEST EXPERIMENTAL STUDIES	ROSENTHAL, H. B.	TANSAO, 04, 111	1498
61-06-00	CRITICAL ARRAYS OF NEUTRON INTERACTING UNITS	GILLEY, L. W. / THOMAS, J. T.	TANSAO, 04, 054-055	1485
61-06-00	BUCKLING MEASUREMENTS OF HEAVY-WATER MODERATED CLUSTERS OF NATURAL URANIUM OXIDE RODS	BAUMANN, N. P. / HENNELLY, E. J.	TANSAO, 04, 048-049	1481
61-06-00	NATURAL URANIUM-HEAVY-WATER BUCKLINGS OVER AN EXTENDED RANGE OF PITCH AND FUEL ASSEMBLY SIZE	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	TANSAO, 04, 103-104	1492
61-06-00	CRITICAL MEASUREMENTS FOR THE KIWI-A NUCLEAR PROPULSION TEST REACTOR	HOOGERP, J. C. / ORNDOFF, J. D.	TANSAO, 04, 055	1488
61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART B	JULIANO, J. / KELBER, C. N. / PLUMLEE, K. E.	TANSAO, 04, 110-111	1497

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

61-06-06	PRELIMINARY RESULTS OF HIGH-TEMPERATURE BARE URANIUM-235-CARBON CRITICAL ASSEMBLY MEASUREMENTS	FINKE, R. G.	UCRL-6504	25
61-07-00	A DESCRIPTION OF INTEGRAL PHYSICS DATA FOR FAST REACTOR DESIGN	LOEWENSTEIN, W. B. / MENEGHETTI, D.	ANL-6382	1469
61-07-11	EXTENSIONS OF NEUTRON INTERACTION CRITERIA	HENRY, H. F. / NEWLON, C. E. / KNIGHT, J. R.	K-1478	456
61-08-00	CRITICAL EXPERIMENTS AND NUCLEAR CALCULATIONS-LAMPRE-I	BATTAT, M. E.	IAEA-VIENNA-1961, 263-270	400
61-08-00	DESCRIPTION OF RACHEL CRITICAL ASSEMBLY	BOUREGEOIS, P. / CLAIR, C. / COMTE, C. / LONG, J. J.	IAEA-VIENNA-1961, 313-319	391
61-08-00	NEUTRON PROPERTIES OF RACHEL CRITICAL ASSEMBLY	CLAIR, C.	IAEA-VIENNA-1961, 321-325	394
61-08-00	STATUS OF COMPUTATIONAL AND EXPERIMENTAL CORRELATION FOR LOS ALAMOS FAST NEUTRON CRITICAL ASSEMBLIES	HANSEN, G. E.	IAEA-VIENNA-1961, 445-455	344
61-08-00	DESIGN AND CONSTRUCTION OF THE ARGONNE FAST CRITICAL FACILITY (ZPR-6)	KATO, W. Y. / DATES, L. R.	IAEA-VIENNA-1961, 295-312	397
61-08-00	INTEGRAL PHYSICS DATA FOR FAST-REACTOR DESIGN	LOEWENSTEIN, W. B. / MENEGHETTI, D.	IAEA-VIENNA-1961, 415-434	403
61-08-00	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS	LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W.	IAEA-VIENNA-1961, 271-285	398
61-08-00	EXPERIMENTAL STUDIES OF SOME OF THE PHYSICAL FEATURES OF BERYLLIUM-MODERATED INTERMEDIATE REACTORS.	LYEPOONSKI, A. I. / KOENYETSOB, V. A. / ARTUKHOB, G. YA. / MOGILNYER, A. I. / PROKHOROV, U. A. / STEKLOVSKIE, V. M. / CHYENOV, L. A.	IAEA-VIENNA-1961, 327-343	437
61-08-00	INTEGRAL EXPERIMENTS ON FAST SYSTEMS OF PLUTONIUM, URANIUM AND THORIUM	MC ENHILL, J. J. / WEALE, J. W.	IAEA-VIENNA-1961, 253-262	75
61-08-00	RECENT ADVANCES AND PROBLEMS IN THEORETICAL ANALYSES OF ZPR-3 FAST CRITICAL ASSEMBLIES	MENEGHETTI, D.	IAEA-VIENNA-1961, 457-487	396
61-08-00	THE EPITHERMAL CRITICAL EXPERIMENTS	MOREWITZ, H. A. / CARPENTER, S. G.	IAEA-VIENNA-1961, 287-293	402
61-08-00	NEUTRON PROPAGATION IN THE NICKEL SCREEN OF FAST REACTOR.	NIKOLAYEV, M. N. / GOLOOBYEV, V. I. / ABAGYAN, A. A. / ORLOV, M. U.	IAEA-VIENNA-1961, 403-412	404
61-08-00	THE SENSITIVITY OF CALCULATED CRITICAL MASSES OF SMALL FAST SYSTEMS TO CHANGES IN THE URANIUM-235 AND URANIUM-238 NEUTRON-SCATTERING DATA	PENDLEBURY, E. D.	IAEA-VIENNA-1961, 097-110	436
61-08-00	NUCLEAR SAFETY MEASUREMENTS ON SYSTEMS CONTAINING BORON AND ENRICHED URANIUM	SCHUSKE, C. L. / BIDINGER, G. H.	RFP-0246	195
61-08-21	MEASUREMENT OF MULTIPLICATION CONSTANT FOR SLIGHTLY ENRICHED HOMOGENEOUS URANIUM TRIOXIDE - WATER MIXTURES AND MINIMUM ENRICHMENT FOR CRITICALITY	NEELEY, V. I. / HANDLER, H. E.	HW-70310	166
61-08-24	OAK RIDGE NATIONAL LABORATORY FAST BURST REACTOR: CRITICAL EXPERIMENTS AND CALCULATIONS	KINNEY, W. E. / MIHALCZO, J. T.	ORNL-CF-61-08-71	34
61-08-29	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY ROD IN LIGHT WATER	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-70944	192
61-09-00	A CRITICAL COMPARISON OF MEASURED AND CALCULATED FISSION RATIOS FOR ZPR-3	DAVEY, W. G.	ANL-6617	351

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

ASSEMBLIES

61-09-00	CRITICALITY OF LOW ENRICHMENT URANIUM-235 IN HYDROGEN	MIHALCZO, J. T. / MILLS, C. B.	NSENAO, 11, 095-096	168
61-09-00	K(INF) OF THREE WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TRIOXIDE AND URANYL NITRATE HYDROGENOUS SYSTEMS	NEELEY, V. I. / BERBERET, J. A. / MASTERSON, R. H.	HW-66882	175
61-09-01	CRITICAL PARAMETERS OF SOLUTIONS OF URANIUM-235 ENRICHED URANYL NITRATE IN CYLINDRICAL CONTAINERS	FOX, J. K.	ORNL-3193	868
61-09-01	NEW CRITICAL EXPERIMENT MACHINES	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-3193, 168	145
61-10-00	CRITICAL ARRAYS OF NEUTRON-INTERACTING UNITS	GILLEY, L. W. / CRONIN, D. F. / FOX, J. K. / THOMAS, J. T.	ORNL-4193, 159-167	2093
61-10-00	CRITICAL STUDIES OF A DILUTE FAST REACTOR CORE (ZPR-3 ASSEMBLY 31)	GASIDLO, J. M. / LONG, J. K. / MC VEAN, R. L.	ANL-6338	82
61-10-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 3 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN	MIHALCZO, J. T. / LYNN, J. J.	ORNL-4193, 131	1147
61-10-00	NEW CRITICAL EXPERIMENT MACHINES	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-4193, 168-173	1202
61-10-03	INTERIM NOTE ON CRITICAL THICKNESS MEASUREMENTS WITH 45% ENRICHMENT URANIUM SLABS	THOMAS, A. F.	SNA/NM/A/14/61	1443
61-10-03	INTERIM NOTE ON CRITICAL MASS MEASUREMENTS WITH 30% ENRICHED URANIUM/HYDROGEN MIXTURES AT LOW HYDROGEN/URANIUM RATIOS	THOMAS, A. F.	SNA/NM/A/13/61	1445
61-10-13	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	CLAYTON, E. D.	HW-71747	356
61-10-23	THE FAST BREEDER REACTOR RAPSODIE	ZALESKI, C. P. / VAUTREY, L.	CEA-2193	332
61-10-27	A COOLED-REFLECTOR, HOT-BERYLLIUM-OXIDE-CORE CRITICAL EXPERIMENT	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	UCRL-6673	60
61-11-00	NUCLEAR SAFETY IN CHEMICAL AND METALLURGICAL PROCESSING OF PLUTONIUM	CLAYTON, E. D.	ENEA-KARLS.-1961, 367-392	1440
61-11-00	EXPERIMENTS FOR CRITICALITY CONTROL	CALLIHAN, A. D.	ENEA-KARLS.-1961, 589-614	340
61-11-00	ANALYSIS OF A BERYLLIUM MODERATED CRITICAL EXPERIMENT	SRIKANTIAH, G.	TANSAO, 04, 303-304	2005
61-11-00	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	TANSAO, 04, 305	2007
61-11-00	PRESSURE TUBE REACTOR CRITICAL EXPERIMENT	POWELL, R. R. / WILLIAMS, P. M.	TANSAO, 04, 304-305	2006
61-11-00	SOME RECENT ZERO-POWER PHYSICS MEASUREMENTS ON THE ORGANIC MODERATED REACTOR EXPERIMENT	WOLFE, W. B. / MACK, R. J.	TANSAO, 04, 310	2010
61-11-00	INITIAL OPERATION AND EXPERIMENTATION WITH THE CONSOLIDATED EDISON THORIUM REACTOR	BALL, R. M.	TANSAO, 04, 307	2009
61-11-00	NUCLEAR ANALYSIS OF 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES	WITTKOPF, W. A. / ROACH, K. E.	TANSAO, 04, 305-306	2008
61-11-00	CRITICAL EXPERIMENTS WITH LOW ENRICHED DOUBLE ANNULAR SUPERHEATER FUEL ELEMENTS	KLANN, P. G. / DECHAND, C. O. / FEIN, E. / WRIGHT, W. B.	TANSAO, 04, 298-299	2001

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

IN LIGHT WATER AND THEIR ANALYSIS

61-11-00	DESCRIPTION AND ANALYSIS OF SOME "OVER-MODERATED" CRITICAL EXPERIMENTS FROM 68-550 DEGREES FARENHEIT	MILEY, G. H. / GILLESPIE, R. D. / POLLARD, J. W. / BISTLINE, J. A.	TANSAO, 04, 299-300	2002
61-11-00	DESCRIPTION AND ANALYSIS OF SOME SEMI-DISTRIBUTED BORON CORES	MILEY, G. H. / MILLER, B. / HOLMES, J. H.	TANSAO, 04, 300-301	2003
61-11-00	EXPERIMENTS AND CALCULATIONS ON UNMODERATED URANIUM-MOLYBDENUM ALLOY CRITICAL ASSEMBLIES	MIHALCZO, J. T. / KINNEY, W. E.	TANSAO, 04, 302-303	2004
61-11-00	MEASURED NUCLEAR PARAMETERS FOR NATURAL URANIUM ROD LATTICES IN HEAVY WATER	HURLEY, T. J. / O'NEILL, G. F.	TANSAO, 04, 295-296	1999
61-11-00	COMPARISON OF EXPONENTIAL AND CRITICAL BUCKLINGS FOR NATURAL URANIUM RODS IN HEAVY WATER	WINGFIELD, E. C. / HENNELLY, E. J.	TANSAO, 04, 296-298	2000
61-11-02	CRITICAL MASS MEASUREMENTS OF ORALLOY AND PLUTONIUM CORES IN SPHERICAL ALUMINUM REFLECTORS	WOOD, D. P. / PENA, B.	LAMS-2579	23
61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	700
61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 5	NONE	BAW-1240	701
61-12-00	CRITICAL EXPERIMENTS WITH THORIA-URANIA FUEL IN HEAVY WATER	REDMAN, W. C. / KAUFMANN, S. G. / PLUMLEE, K. E. / BAIRD, Q. L.	ANL-6378	466
62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / MORET BAILLY, J. / VERRIERE, P.	CEA-R-2452	714
62-00-00	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	CLAYTON, E. D. / LLOYD, R. C. / REARDON, W. A.	TANSAO, 05, 075-076	357
62-00-00	EXPERIMENTS INVOLVING GAPS IN CRITICAL ASSEMBLIES	COLE, A. G.	TANSAO, 05, 079-080	1219
62-01-02	REACTIVITY EFFECTS OF VARIOUS REFLECTORS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE MODERATED, ORALLOY-FUELED SYSTEMS	MORTON, J. R. / SHON, F. J. / WEIRICH, T. F. / GARDNER, L. L.	UCRL-6729	59
62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM	SCHUSKE, C. L. / BELL, C. L. / BIDINGER, G. H. / SMITH, D. F.	RFP-0248	109
62-01-22	EXPERIMENTS AND ANALYSIS ON BERYLLIUM OXIDE MODERATED CORES CONTAINING HYDROGEN		GAMD-2837	2053
62-03-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 6	NONE	BAW-1250	702
62-03-00	CRITICAL MASS MEASUREMENTS WITH THIN DISCS OF 45.5 PERCENT ENRICHED URANIUM	DOMINEY, J. R. / LANE, R. C. / THOMAS, A. F.	AWRE-NR/A-1/62	229
62-03-00	EXPERIMENTAL BUCKLINGS OF HEAVY WATER MODERATED LATTICES OF NATURAL URANIUM METAL ROD CLUSTERS	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 12, 341-347	1053
62-03-00	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM RODS IN HEAVY WATER AND COMPARISONS WITH CRITICAL EXPERIMENTS	WINGFIELD, E. C. / HENNELLY, E. J.	NSENAO, 12, 348-358	1054
62-03-20	THE LIVERMORE COLD-CRITICAL EXPERIMENTS ON TORY II-A AND II-C	RALSTON, H. R.	UCRL-6837, SUMMARY	1256
62-04-00	FAST NEUTRON PULSE REACTORS AND FAST	BOST, WILLIAM E.	TID-03571	1427

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE

NEUTRON CRITICAL ASSEMBLIES (A
LITERATURE SEARCH)

62-04-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. / REARDON, W. A.	HW-73116	362
62-05-00	THE INFINITE MULTIPLICATION CONSTANT OF HOMOGENEOUS HYDROGEN-MODERATED 2.0 WEIGHT PERCENT URANIUM-235-ENRICHED URANIUM	MIHALCZO, J. T. / NEELEY, V. I.	NSENAO, 13, 006-011	169
62-05-10	REACTIVITY CALIBRATIONS AND FISSION-RATE DISTRIBUTIONS IN AN UNMODERATED, UNREFLECTED URANIUM-MOLYBDENUM ALLOY RESEARCH REACTOR	MIHALCZO, J. T.	ORNL-TM-0189	107
62-05-28	CRITICAL MASS STUDIES: PART XI, CRITICAL PARAMETERS OF URANIUM-ALUMINUM ALLOY SLUGS	FOX, J. K. / GILLEY, L. W.	ORNL-3272	1978
62-05-30	A SERIES OF SIMPLE DILUTE FAST REACTOR ASSEMBLIES	GEMMELL, W.	TRG-301(D)	81
62-06-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 7	NONE	BAW-1259	703
62-06-30	ROOM TEMPERATURE CRITICAL MEASUREMENTS ON THORIUM-LOADED, GRAPHITE-MODERATED, ORALLOY-FUELED SYSTEMS	BENSON, G. M. / FOX, R. H.	UCRL-6901	58
62-07-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D.	HW-74190	361
62-08-00	REFLECTOR MODERATED REACTORS	MILLS, C. B.	NSENAO, 13, 301-305	249
62-08-15	MEASUREMENTS OF REACTOR PARAMETERS IN SUBCRITICAL AND CRITICAL ASSEMBLIES - A REVIEW	KAPLAN, I.	MITNE-25	706
62-09-00	CRITICAL EXPERIMENTS WITH MIXTURES OF AQUEOUS URANIUM-235-ENRICHED URANYL NITRATE SOLUTIONS AND BOROSILICATE GLASS RINGS	FOX, J. K. / THOMAS, J. T.	ORNL-3360, 35-36	2096
62-09-00	PROMPT-NEUTRON DECAY CONSTANTS FOR UNMODERATED URANIUM METAL CRITICAL ASSEMBLIES WITH LARGE GAPS	MIHALCZO, J. T.	ORNL-3360, 39-40	1194
62-09-00	PROMPT NEUTRON LIFETIME IN HYDROGEN-MODERATED URANIUM(3) CRITICAL ASSEMBLIES	MIHALCZO, J. T.	ORNL-3360, 37-38	230
62-09-18	CRITICAL MASS STUDIES. PART XII. ROVER REACTOR FUEL ELEMENTS	JOHNSON, E. B. / FOX, J. K.	ORNL-TM-0264	1695
62-10-08	REFLECTOR SAVINGS OF MODERATING MATERIALS ON LARGE DIAMETER URANIUM SLABS, ENRICHED TO 93.2 PERCENT IN URANIUM-235	HANSEN, G. E. / WOOD, D. P. / PENA, B.	LAMS-2744	92
62-10-09	EXPERIMENTAL INVESTIGATION OF EFFECTS OF INTERACTION OF TWO SUBCRITICAL REACTORS	KAMAEV, A. V. / DUBOVSKII, B. G. / VAVILOV, V. V. / POPOV, G. A. / PALAMARCHUK, YU. D. / IVANOV, S. P.	AEC-TR-4708	1990
62-10-25	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R.	HW-75228	360
62-11-00	PRECISE CRITICALITY DETERMINATIONS IN THE SOLID HOMOGENEOUS ASSEMBLY	FEINER, F. / WEINSTEIN, S. / OAKS, W. C. / COOPER, K. V.	TANSAO, 05, 344-345	2046
62-11-00	ON THE PHYSICS OF SEMI-HOMOGENEOUS GRAPHITE URANIUM-235 REACTORS	GOODJOHN, A. J. / JOANOU, G. D. / WIKNER, N. F.	TANSAO, 05, 367-368	1269
62-12-28	A SMALL GRAPHITE-REFLECTED URANIUM-DIOXIDE ASSEMBLY	MIHALCZO, J. T.	ORNL-TM-0450	1972

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

63-00-00	PROSERPINE - CRITICAL MASSSES AND STANDARDS	BERTRAND, J./ BRUNET, J. P./ CAIZERGUES, R./ CLOUET D'ORVAL, C./ KREMSER, J./ VERRIERE, P.	CEA-2309	376
63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS	BRUNA, J. G./ BRUNET, J. P./ CAIZERGUES, R./ CLOUET D'ORVAL, C./ KREMSER, J./ LECLERC, J./ VERRIERE, P.	CEA-2274	201
63-00-00	A SURVEY OF PROMPT NEUTRON LIFETIMES IN FAST CRITICAL SYSTEMS	BRUNSON, G. S.	ANL-6681	308
63-00-00	MEASUREMENTS OF K(INF) AND OTHER PARAMETERS IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE	ENGELDER, T. C. / SNIDOW, N. L. / ROBERTS, D. M. / FAIRBURN, G. T. / ROY, D. H.	BAW-1283	347
63-00-00	ANALYSIS OF THE ENRICHED-URANIUM HEAVY-WATER HOMOGENEOUS SYSTEM	HIROTA, J./ KATSURAGI, S./ KUROI, H./ KOINUMA, R./ ISHIGURO, Y.	ATOMIC ENERGY SOC. OF JAPAN, 5, 1, 14-22	74
63-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311, 40-47	329
63-00-00	SUBCRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS	RICHEY, C. R./ WHITE, J. D./ CLAYTON, E. D.	HW-77871	366
63-01-11	PROMPT NEUTRON DECAY IN A TWO-COMPONENT ENRICHED URANIUM METAL CRITICAL ASSEMBLY	MIHALCZO, J. T.	ORNL-TM-0470	30
63-01-15	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C./ CLAYTON, E. D.	HW-76128	359
63-02-00	CRITICAL STUDIES OF URANIUM-STEEL AND URANIUM-STEEL-SODIUM FAST REACTOR CORES (ZPR-3 ASSEMBLIES 32 AND 33)	AMUNDSON, P. I./ GEMMELL, W./ LONG, J. K./ MC VEAN, R. L.	ANL-6690	83
63-02-06	CRITICAL MASS STUDIES - PART 13. BOROSILICATE GLASS RASCHIG RINGS IN AQUEOUS URANYL NITRATE SOLUTIONS	THOMAS, J. T./ FOX, J. K./ JOHNSON, E. B.	ORNL-TM-0499	375
63-02-27	COUPLING EFFECTS OF HAFNIUM CONTROL RODS IN A NEAR-HOMOGENEOUS, BERYLLIUM-OXIDE-MODERATED, ORALLOY-FUELED SYSTEM	PIOWATY, J. M./ MORTON, J. R./ GARDNER, L. L.	UCRL-7262	62
63-03-27	THE LIMITING CRITICAL CONCENTRATIONS FOR PLUTONIUM-239 AND URANIUM-235 IN AQUEOUS SOLUTIONS	MASTERSON, R. H./ WHITE, J. D./ POWELL, T. J.	HW-77089	172
63-04-00	EXPERIMENTS IN ZENITH	SANDERS, J. E.	AEW-M340	686
63-04-00	CRITICAL STUDIES OF A SMALL URANIUM CARBIDE FUELED REACTOR WITH A BERYLLIUM REFLECTOR (ZPR-3 ASSEMBLY 40)	MC VEAN, R. L./ AMUNDSON, P. I./ BRUNSON, G. S./ GASIDLO, J. M.	ANL-6713	80
63-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C./ CLAYTON, E. D./ RICHEY, C. R./ BIERMAN, S. R.	HW-77311	358
63-05-29	EMPIRICAL ANALYSIS OF CRITICAL BARE ARRAYS OF CYLINDERS OF ENRICHED URANIUM NITRATE	SCHUSKE, C. L. / ERNST, B. B. / KING, H. W.	RFP-0315	649
63-06-00	BUCKLINGS AND DISADVANTAGE FACTORS OF SEVERAL WATER-MODERATED, 1.25%-ENRICHED URANIUM METAL SLAB LATTICES	WINDSOR, H.	TANSAO, 06, 052-053	2047
63-06-00	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY-WATER-MODERATED, ORGANIC- OR WATER-COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS	BENTON, F. D. / GRAVES, W. E.	TANSAO, 06, 053-054	2048
63-06-00	A COMPARISON OF EXPERIMENTAL AND CALCULATED PROMPT NEUTRON LIFETIMES AND CENTRAL REACTIVITY COEFFICIENTS IN ZPR-3 ASSEMBLIES AND THEIR RELATIONSHIP TO OTHER PARAMETERS	DAVEY, W. G.	ANL-6682	352

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

63-06-00	EXPERIMENTAL BUCKLINGS AND VOID EFFECTS IN HEAVY WATER LATTICES OF NATURAL URANIUM OXIDE ROD CLUSTERS	GRAVES, W. E. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 16, 186-195	1030
63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	NAA-SR-7541	468
63-07-00	SUPERPROMPT-CRITICAL BEHAVIOR OF AN UNMODERATED, UNREFLECTED URANIUM-MOLYBDENUM ALLOY REACTOR	MIHALCZO, J. T.	NSENAO, 16, 291-298	1444
63-07-15	CONTROL AUGMENTATION CRITICAL EXPERIMENTS	JAWOROWSKI, T. R. / ALINE, P. G. / KOSANKE, H. D.	APED-4236	685
63-08-00	MEASURED LATTICE PARAMETERS FOR NATURAL URANIUM METAL ROD LATTICES IN HEAVY WATER	HURLEY, T. J.	DP-777	654
63-08-01	APPLICATION OF MONTE CARLO CALCULATIONAL TECHNIQUES TO THE STUDY OF FAST CRITICAL ASSEMBLIES	KINNEY, W. E. / MIHALCZO, J. T. / HAPPER, I.	ORNL-3499, 77-81	1201
63-08-01	MEASUREMENT AND CALCULATION OF THE PROMPT-NEUTRON DECAY CONSTANT AND EFFECTIVE BUCKLING AS A FUNCTION OF SIZE FOR HOMOGENEOUS URANIUM SOLUTIONS	MAGNUSON, D. W.	ORNL-3499, 57-58	1195
63-08-01	DSN TRANSPORT CALCULATIONS OF CRITICAL SPHERES OF URANIUM SOLUTIONS	MAGNUSON, D. W.	ORNL-3499, 68	1199
63-08-01	PROMPT-NEUTRON DECAY CONSTANT VERSUS BUCKLING FOR HYDROGEN-MODERATED 3% URANIUM-235-ENRICHED URANIUM	MIHALCZO, J. T.	ORNL-3499, 49-50	1448
63-08-01	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2) METAL	MIHALCZO, J. T.	ORNL-3499, 62-63	1197
63-08-01	PROMPT-NEUTRON DECAY PROPERTIES AND CRITICAL DIMENSIONS OF UNMODERATED CYLINDRICAL URANIUM(93.2) METAL ASSEMBLIES WITH LARGE GAPS	MIHALCZO, J. T.	ORNL-3499, 64-67	1198
63-08-01	SMALL GRAPHITE-OR BERYLLIUM-REFLECTED URANIUM-DIOXIDE CRITICAL ASSEMBLIES	MIHALCZO, J. T.	ORNL-3499, 69	1200
63-08-01	CRITICAL ARRAYS OF URANIUM(93.2) METAL CYLINDERS	THOMAS, J. T.	ORNL-3499, 58-62	1196
63-08-26	TWO EXPERIMENTAL SUBCRITICAL ARRAYS OF PLUTONIUM NITRATE SOLUTION	SCHUSKE, C. L. /	RFP-0325	208
63-09-00	MASSACHUSETTS INSTITUTE OF TECHNOLOGY EXPONENTIAL STUDIES OF LOW-ENRICHMENT, HEAVY-WATER LATTICES	KAPLAN, I. / LANNING, D. D. / PROFIO, A. E. / THOMPSON, T. J.	IAEA-AMST.-1963, 2, 109-146	1993
63-09-00	THE CRITICAL FACILITY KRITO	COEHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F.	IAEA-AMST.-1963, 2, 233-256	1994
63-09-00	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	IAEA-AMST.-1963, 3, 035-061	1992
63-09-00	EXPONENTIAL EXPERIMENTS WITH WATER AND NATURAL URANIUM	MANSFIELD, W. K. / KIM, J. M.	IAEA-AMST.-1963, 1, 457-467	1996
63-09-00	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	IAEA-AMST.-1963, 2, 391-445	1995

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

63-09-00	URANIUM DIOXIDE LATTICE - PARAMETER MEASUREMENTS IN ZED2	GREEN, R. E. / BIGHAM, C. B.	AECL-1814	633
63-09-06	PULSED NEUTRON MEASUREMENTS ON A HEAVY WATER REACTOR AT ZERO ENERGY	KUCHLE, M.	IAEA-AMST.-1963, 2, 575-586	1496
63-09-15	EXPERIMENTS WITH WATER-REFLECTED, UNDERMODERATED, ZIRCONIUM HYDRIDE CRITICAL ASSEMBLIES	MOSS, L. I.	NAA-SR-8490	708
63-09-30	HEAVY WATER LATTICE PROJECT ANNUAL REPORT	PRICE, G. A.	MITNE-46	718
63-10-00	THE FIRST CORE OF ZEBRA	INGRAM, G. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R.	AEEW-R315	740
63-10-01	CRITICAL THREE DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS	THOMAS, J. T.	ORNL-TM-0719	206
63-10-09	MEASUREMENT OF THE CRITICAL MASS OF 37.5% ENRICHED URANIUM REFLECTED BY WOOD, CONCRETE, OR POLYTHENE	LANE, R. C. / THOMAS, A. F.	CRIT/OP/3	1446
63-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / BIERMAN, S. R. / GARLID, K. L. / SKEEN, D. R.	HW-79054	367
63-11-00	CRITICAL EXPERIMENTS WITH BORAX-V SUPERHEATER ELEMENTS	PLUMLEE, K. E. / BAIRD, Q. L. / STANFORD, G. S. / AMUNDSON, P. I.	TANSAO, 06, 217	1474
63-11-00	RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES	ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A.	TANSAO, 06, 223-225	1479
63-11-00	REACTIVITY WORTH OF TRANSVERSE GAPS	WEINSTEIN, S. / FEINER, F.	TANSAO, 06, 221	1478
63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 1, EXPERIMENTS	WARZEK, F. G. / JOHNSTON, H. F.	TANSAO, 06, 219-220	1476
63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 2, ANALYSES	PETERSEN, G. T.	TANSAO, 06, 220-221	1477
63-11-00	THE EFFECT OF BOROSILICATE GLASS RASCHIG RINGS ON THE CRITICALITY OF AQUEOUS URANYL NITRATE SOLUTIONS	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	TANSAO, 06, 171-172	1473
63-11-00	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2) METAL	MIHALCZO, J. T.	TANSAO, 06, 217-218	1475
63-11-00	MEASUREMENTS AND ANALYSIS OF UNIFORM LATTICE OF SLIGHTLY ENRICHED URANIUM DIOXIDE MODERATED BY HEAVY WATER-WATER MIXTURES	ENGELDER, T. C. / CLARK, R. H. / BALDWIN, M. N. / DEROCHE, E. J. / FAIRBURN, G. T. / HALLAM, J. W.	BAW-1273	628
64-00-00	A STUDY OF THE PHYSICAL CHARACTERISTICS OF HYDROGEN-CONTAINING REACTORS IN THE CRITICAL REGION	UROVA, L. N. / POLYAKOV, A. A. / KLENOV, G. I. / MOROSOV, I. G. / INYUTIN, E. I. / SIDOROV, G. I.	AECL-2330, 233-250	2011
64-00-00	PULSED SOURCE MEASUREMENTS ON A URANIUM-WATER SUBCRITICAL ASSEMBLY	GIBSON, I. H. / WALKER, J.	IAEA-AMST.-1963, 1, 469-479	1997
64-00-00	CRITICAL MASS STUDIES. PART-2	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	K-0126	294
64-00-00	CRITICALITY STUDIES	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C. / CAIZERGUES, R. / MOREAU, J. / SOLLIER, G.	CEA-R-2653	281
64-00-00	MEASUREMENTS OF BUCKLING AND RELATIVE REACTION RATES IN SOME PLUTONIUM-GRAPHITE ASSEMBLIES	CARTER, D. H. / CLARKE, W. G. / HUNT, C. / MARSHALL, J. / MC CULLOCH, D. B. / SANDERS, J. E. / SYMONS, C. R.	AEEW-R201	673

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

64-00-00	AN ANALYSIS OF EXPERIMENTS ON GRAPHITE MODERATED ASSEMBLIES FUELED WITH URANIUM, PLUTONIUM AND URANIUM-PLUTONIUM METAL	HARPER, R. G.	AEW-R325	720
64-00-00	CRITICALITY EXPERIMENTS WITH ANNULAR CYLINDERS CONTAINING PLUTONIUM SOLUTIONS	MOLBERT, M. / SAUVE, A. / HOUELLE, M. / DEILGAT, E.	CEA-2495	279
64-00-00	REACTIVITY CHANGE MEASUREMENTS ON PLUTONIUM-URANIUM FUEL ELEMENTS IN HECTOR EXPERIMENTAL TECHNIQUES AND RESULTS	TATTERSALL, R. B. / SMALL, V. G. / MACBEAN, I. J. / HOWE, W. D.	AEW-R376	345
64-00-00	CRITICAL EXPERIMENTS WITH THE ORGANIC COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS OIL	ALEKSENKO, U. N. / BUNITSKAYA, V. I. / ZASLAVSKII, V. V. / ZVONOV, N. V. / ET AL	AECL-2330, 218-232	865
64-00-00	PULSED SOURCE METHODS IN FAST REACTOR PHYSICS	WEALE, J. W. / PATERSON, W. J.	JBNSA, 03, 311-319	304
64-01-00	BUCKLING MEASUREMENTS ON GRAPHITE LATTICES CONTAINING COMPOSITE PLUTONIUM-URANIUM FUEL ELEMENTS	RICHMOND, R.	AEW-R124	696
64-01-00	A TWO-ZONE FAST CRITICAL EXPERIMENTS, ZPR-3 ASSEMBLY 42.	AMUNDSON, P. I. / MC VEAN, R. L. / LONG, J. K.	ANL-6733	350
64-01-00	COMPARISON OF A SIMPLE THEORETICAL TREATMENT OF CRITICAL ARRAYS OF FISSIONABLE UNITS WITH EXPERIMENT	CLARK, H. K.	DP-868	481
64-01-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-80020, 31-37	970
64-01-27	MEASUREMENTS OF UNTAMPERED ORALLOY ASSEMBLY	ORNDORFF, J. D. / PAXTON, H. C.	LA-1209	36
64-02-00	PRELIMINARY REPORT ON URANIUM METAL TUBE CLUSTER-HEAVY WATER LATTICE MEASUREMENTS. TOPICAL REPORT NO. 2.	ACCINNI, F. / PALAZZI, F. / ZORZOLI, G. B.	CISE-R-100	1871
64-02-00	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239-FUELED FAST REACTORS	DAVEY, W. G.	ANL-6850	455
64-02-05	A STUDY OF BERYLLIUM OXIDE MODERATED CRITICAL ASSEMBLIES CONTAINING VARIOUS METAL ABSORBERS	MORTON, J. R. / PIOWATY, J. M. / PETRUZZI, J. / GARDNER, L. L.	UCRL-7686	57
64-04-15	AN ANALYSIS OF URANIUM FUELED LIGHT WATER MODERATED CRITICAL EXPERIMENTS	LIKALA, R. C. / WORDEN, J. R. / REARDON, W. A.	HW-81659, 26-32	809
64-04-15	ANALYSIS IN SUPPORT OF THE FLEXIBLE CRITICAL EXPERIMENT	MOWERY, A. L.	WANL-TME-749	1722
64-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-81659, 45-48	816
64-04-15	EXPERIMENTS WITH PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUEL ELEMENTS IN LIGHT WATER	SCHMID, L. C. / STINSON, W. P. / LIKALA, R. C. / WORDEN, J. R.	HW-81659, 04-09	735
64-04-15	AN ANALYSIS OF PLUTONIUM LIGHT-WATER CRITICAL EXPERIMENTS	WORDEN, J. R. / LIKALA, R. C. / REARDON, W. A.	HW-81659, 33-44	815
64-05-00	DOPPLER EFFECT MEASUREMENTS, SODIUM VOID COEFFICIENTS, AND CRITICAL STUDIES OF A 5000-LITER FAST POWER BREEDER REACTOR BY THE TWO-ZONE METHOD (ZPR-3 ASSEMBLY 43)	GASIDLO, J. M. / LONG, J. K. / KEENEY, W. P.	ANL-6838	12
64-05-06	LOS ALAMOS CRITICAL-MASS DATA	PAXTON, H. C.	LAMS-3067	1
64-06-00	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY WATER MODERATED, ORGANIC OR WATER COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS	BENTON, F. D.	DP-873	716

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

64-06-00	CRITICALITY EXPERIMENT ON A SOLUTION OF PLUTONIUM AND OF 90% ENRICHED URANIUM. EXPERIMENTAL RESULTS AND CALCULATIONS ON TANK NUMBER 2	BRUNA, J. G. / BRUNET, J. P. / CLOUET D'ORVAL, C. / KREMSEK, J.	CEA-R-2453	717
64-06-00	PROMPT NEUTRON LIFETIME IN ENRICHED URANIUM METAL CYLINDERS	MIHALCZO, J. T.	TANSAO, 07, 048-049	691
64-06-00	CRITICAL DIMENSIONS OF SYSTEMS CONTAINING URANIUM-235, PLUTONIUM-239, AND URANIUM-233	PAXTON, H. C. / THOMAS, J. T. / CALLIHAN, A. D. / JOHNSON, E. B.	TID-07028	50
64-06-00	HOMOGENEOUS CRITICAL EXPERIMENTS WITH PLUTONIUM/PLASTIC MIXTURES IN THE INTERMEDIATE ENERGY RANGE	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 07, 081	298
64-07-00	SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR DEVELOPMENT PROGRAM	HORST, K. M.	GEAP-04594	99
64-07-00	MEASUREMENTS OF BUCKLING AND PLUTONIUM-239/URANIUM-235 RELATIVE REACTION RATES IN AN UNDERMODERATED GRAPHITE ASSEMBLY FUELED WITH HIGHLY ENRICHED URANIUM-235 AND PLUTONIUM-239	MAUNDERS, E. J.	AEEW-R348	724
64-07-00	AN ANALYSIS OF 23 ZPR-3 FAST REACTOR CRITICAL EXPERIMENTS	DAVEY, W. G.	NSENAO, 19, 259-273	712
64-07-00	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS, PART-2 - URANIUM METAL ENRICHED TO 93.2 PERCENT IN THE URANIUM-235 ISOTOPE	THOMAS, J. T.	ORNL-TM-0868	110
64-07-15	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SPHERICAL GEOMETRY	LLOYD, R. C. / SKEEN, D. R. / CLAYTON, E. D.	HW-83187, 10-20	827
64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM	ITHURRALDE, M. F. / KREMSEK, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	CEA-R-2488	280
64-08-00	CRITICAL EXPERIMENTS IN AQUILON WITH FUELS SLIGHTLY ENRICHED IN URANIUM 235 OR IN PLUTONIUM	NAUDET, R. / CHABRILLAC, M. / LEDANOIS, G. / LOURME, P.	CEA-R-2477	723
64-08-01	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES PART-2 THEORETICAL INTERPRETATION	SPECHT, E. R.	NAA-SR-9772	721
64-09-00	CRITICALITY STUDIES	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C.	GENEVA-3, 13, 234-243	1463
64-09-00	INVESTIGATION ON SYSTEM WITH ZIRCONIUM HYDRIDE MODERATOR	PONOMAREV-STEPNOI, N. N. / SMIRNOV, O. N. / KULEVA, R. V.	GENEVA-3, 03, 241-247	693
64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY	DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	GENEVA-3, 13, 254-263	692
64-09-00	URANIUM METAL-HEAVY WATER LATTICES- A GENERAL SURVEY, TOPICAL REPORT NO. 3.	BONALUMI, R. / ZORZOLI, G. B.	CISE-R-101	1876
64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124-136	1003
64-09-00	PROMPT-NEUTRON LIFETIME IN CRITICAL ENRICHED-URANIUM METAL CYLINDERS AND ANNULI	MIHALCZO, J. T.	NSENAO, 20, 060-065	2
64-09-00	EXPERIMENTAL STUDIES ON FAST-NEUTRON REACTOR PHYSICS	BONDARENKO, I. I. / KAZACHKOVSKII, O. D. / ABAGYAN, L. P. / ABORIN,	GENEVA-3, 06, 152-169	588

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

64-10-00	PROGRESS IN PLUTONIUM CRITICAL MASS PHYSICS, 1961-1964	YU. S. / BAZAZYANTS, N. O. / ET AL CLAYTON, E. D.	HW-83603	487
64-11-00	APPLICATION OF A SIMPLE, PRACTICAL METHOD FOR COMPUTING INTERACTION TO ARRAYS FOUND EXPERIMENTALLY TO BE CRITICAL	CLARK, H. K.	NSENAO, 20, 307-313	1011
64-11-00	MATERIAL BUCKLINGS OF URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES - MEASUREMENTS	HILLIG, O. R. / LATHAM, D. W.	TANSAO, 07, 295	802
64-11-00	MONTE CARLO CALCULATIONS FOR ENRICHED URANIUM METAL ASSEMBLIES	IRVING, D. C. / MIHALCZO, J. T.	TANSAO, 07, 287-288	801
64-11-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM	JOHNSON, E. B. / CRONIN, D. F.	TANSAO, 07, 301-303	808
64-11-00	CRITICAL MASSES AND BUCKLINGS OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER SYSTEMS	LIKALA, R. C. / STINSON, W. P. / WORDEN, J. R.	TANSAO, 07, 216	798
64-11-00	CALCULATIONS OF ZPR-3 FAST ASSEMBLIES USING A TWENTY-SIX-GROUP CROSS-SECTION SET.	MENEGHETTI, D. / WHITE, J. R.	ANL-7133	1287
64-11-00	MATERIAL BUCKLING AND CRITICAL MASSES OF URANIUM RODS CONTAINING 3 WEIGHT PERCENT URANIUM-235 IN WATER	ROGERS, W. B. / KINARD, F. E. /	NSENAO, 20, 266-271	1015
64-12-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM	JOHNSON, E. B. / CRONIN, D. F.	ORNL-3714, 31	738
64-12-00	CRITICAL EXPERIMENTS AND CALCULATIONS WITH REFLECTED ANNULAR CYLINDERS OF URANIUM(93.2) METAL	MIHALCZO, J. T.	ORNL-3714, 36	832
64-12-00	GEOMETRICALLY COMPLICATED CRITICAL ASSEMBLIES OF 93.2 PERCENT ENRICHED URANIUM METAL	MIHALCZO, J. T.	ORNL-3714, 33	828
64-12-01	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES. PART 1. EXPERIMENT	HILLIG, O. R. / LATHAM, D. W.	NAA-SR-9771	741
65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS	WHITE, J. D. / RICHEY, C. R.	HW-84608	752
65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS	RICHEY, C. R. / WHITE, J. D.	BNWL-0095	756
65-00-00	THE SECOND CORE OF ZEBRA	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R410	744
65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-239, URANIUM-235, AND URANIUM-233.	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / TELLIER, H. / VERRIERE, P.	CEA-R-2814	285
65-00-00	HANDBOOK OF CRITICALITY DATA, VOLUME I	CHALMERS, J. H. / WALKER, G. / PUGH, J.	AHSB(S) HANDBOOK-1	490
65-00-00	CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS OF URANIUM NITRATE	DUBOVSKII, B. G. / KAMAEV, A. V. / KUZNETSOV, F. M. / VLADYKOV, G. M. / POPOV, G. A. / PALAMARCHUK, YU. D.	JAABA, 19, 775-781	759
65-01-00	ARMY GAS COOLED REACTOR SYSTEMS PROGRAM SUMMARY OF NUCLEAR PHYSICS EXPERIMENTS	QUILICI, R. E.	IDO-28631	748

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)	RUSCH, G. K. / BOHME, R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	ANL-7010, 091-110	833
65-02-00	HOMOGENEOUS CRITICAL ASSEMBLY WITH A PROFILED FUEL CHARGE	KRASIN, A. K. / INYUTIN, E. I.	SOVIET ATOMIC ENERGY VOL. 18 NO. 2	787
65-02-00	CRITICALITY OF SLIGHTLY ENRICHED URANIUM IN WATER-MODERATED LATTICES	RICHEY, C. R. / LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 21, 217-226	390
65-03-00	EXPONENTIAL EXPERIMENTS AND NEUTRON MULTIPLICATION MEASUREMENTS WITH 1.25 PERCENT ENRICHED N-REACTOR FUEL ELEMENTS IN LIGHT WATER	BROWN, C. L. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-0052	750
65-03-00	AN ANALYSIS OF SIX AETR FAST CRITICAL EXPERIMENTS	DAVEY, W. G.	ANL-7014	450
65-04-00	THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS	MOUNTFORD, L. A. / MOREWITZ, H. A.	NSENAO, 21, 421-428	427
65-04-00	STUDY OF A CRITICAL ASSEMBLY CONTAINING A BERYLLIUM MODERATOR	PONOMAREV-STEPNOI, N. N. / LOMAKIN, S. S.	JAABA, 19, 291-298	834
65-04-00	FISSION-RATE MEASUREMENTS IN THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS	STROMINGER, D. / SCHLESINGER, G.	NSENAO, 21, 441-450	429
65-04-07	CRITICAL ASSEMBLIES OF FISSIONABLE MATERIALS	MILLS, C. B.	LA-3219-MS	582
65-04-17	REACTOR MINIMUM CRITICAL DIMENSIONS	MILLS, C. B.	LA-3221-MS	297
65-05-00	STUDY OF SOLID-MODERATED ENRICHED URANIUM EPITHERMAL SYSTEMS BY THE PULSED NEUTRON TECHNIQUE	MORTON, J. R.	IAEA-KARLS.-1965, 2, 193-218	609
65-06-00	EFFECT OF DISTRIBUTION OF FISSIONABLE MATERIAL ON CRITICAL MASS	CLARK, H. K.	TANSAO, 08, 200-201	1259
65-06-00	EXPERIMENTAL THERMAL DISADVANTAGE FACTORS IN SOME VERY UNDERMODERATED 3 PERCENT ENRICHED WATER - URANIUM OXIDE LATTICES	BOYNTON, A. R.	TANSAO, 08, 249	843
65-06-00	EXPERIMENTAL LATTICE PARAMETERS FOR 28-ROD CLUSTERS OF NATURAL URANIUM DIOXIDE IN HEAVY WATER	GREEN, R. E. / SERDULA, K. J. / BIGHAM, C. B.	TANSAO, 08, 253-254	845
65-06-10	A MONTE CARLO ANALYSIS OF SOME ENRICHED URANIUM-235 FAST CRITICAL ASSEMBLIES	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	JAABA, 20, 017-024	1273
65-07-14	CRITICAL EXPERIMENTS WITH SPERT-D FUEL ELEMENTS	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1207	615
65-07-15	PHYSICS ANALYSIS OF A URANIUM-ALUMINUM POLYETHYLENE SYSTEM	BUSSELMAN, G. J.	BNWL-0149, 27-32	774
65-07-15	PRELIMINARY ANALYSIS OF SOME PLUTONIUM-ALUMINUM POLYETHYLENE EXPERIMENTS IN THE PCTR	BUSSELMAN, G. J.	BNWL-0149, 33-35	1176
65-07-15	SUMMARY OF WATER MODERATED EXPERIMENTS WITH 1.8 WT% PLUTONIUM-ALUMINUM FUEL IN THE PRCF	LAUBY, J. H.	BNWL-0149, 05-17	745
65-07-15	FOIL ACTIVATION STUDIES IN TWO PLUTONIUM CRITICAL SYSTEMS	SKEEN, D. R.	BNWL-0149, 48-56	747
65-07-23	CRITICALITY OF A SINGLE UNIT OF AQUEOUS URANYL FLUORIDE SOLUTION ENRICHED TO 5 PERCENT IN URANIUM-235	WEBSTER, J. W. / JOHNSON, E. B.	ORNL-TM-1195	124
65-08-19	MULTIPLICATION FACTOR OF URANIUM METAL	MIHALCZO, J. T.	ORNL-TM-1220	1159

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

BY ONE-VELOCITY MONTE CARLO CALCULATIONS

65-08-24	FARET CRITICALS	NONE	ANL-7082	758
65-09-00	PLUTONIUM CRITICALITY EXPERIMENTS	CLAYTON, E. D.	PHYSICS TODAY, SEPT. (1965), 46-52	1264
65-09-00	CRITICALITY CALCULATIONS FOR UNIFORM WATER-MODERATED LATTICES	STRAWBRIDGE, L. E. / BARRY, R. F.	NSENAO, 23, 058-073	515
65-09-00	LCRE FUEL ELEMENT CRITICALITY MEASUREMENTS AT ORNL	WALSH, V.	TIM-891	1699
65-10-00	THE THIRD CORE OF ZEBRA	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEEW-R461	763
65-10-00	NEUTRON SPECTRA	NONE	EACRP-L-62, VOLS. 1 AND 2	1171
65-10-00	CRITICALITY OF HOMOGENEOUS PLUTONIUM OXIDE-PLASTIC COMPACTS AT HYDROGEN TO PLUTONIUM RATIO = 15	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / LLOYD, R. C. /	NSENAO, 23, 150-158	416
65-10-00	LATTICE MEASUREMENTS WITH 19-ELEMENT NATURAL URANIUM METAL ASSEMBLIES. PART 1 - BUCKLINGS FOR A RANGE OF SPACINGS WITH HEAVY WATER AND HELIUM COOLANTS	SERDULA, K. J. / GREEN, R. E.	AECL-2516	782
65-10-15	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS	WHITE, J. D. / RICHEY, C. R.	BNWL-0193, 57-67	853
65-10-15	MEASUREMENTS OF MATERIAL BUCKLINGS FOR 1.002, 1.25 AND 1.95 PERCENT WEIGHT URANIUM-235 ENRICHED URANIUM TUBE LATTICES IN LIGHT WATER	BROWN, C. L. / LLOYD, R. C.	BNWL-0193, 45-56	777
65-11-00	EXPERIMENTAL RESEARCH IN FRANCE ON CRITICALITY PROBLEMS	CLOUET D'ORVAL, C. / DEILGAT, E. / HONELLE, M. / LECORCHE, P.	IAEA-STOCK.-1965, 193-213	780
65-11-00	EXPERIMENTS AND CALCULATIONS ON URANIUM MOLYBDENUM ALLOY CRITICAL ASSEMBLIES	MIHALCZO, J. T. / KINNEY, W. E.	ORNL-3858, 19	862
65-11-00	ANALYSIS AND MEASUREMENT OF PLUTONIUM ALUMINUM-POLYTHENE SYSTEMS IN THE PCTR	ALBERTSON, D. G. / BUSSELMAN, G. J.	TANSAO, 08, 448-449	841
65-11-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-233/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES	BRITTLIFF, E. / DUERDEN, P.	AAEC/E145	761
65-11-00	RECENT EXPONENTIAL AND CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM METAL TUBES IN LIGHT WATER	BROWN, C. L. / LLOYD, R. C.	TANSAO, 08, 443-444	839
65-11-00	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS CARRIED OUT WITH PLUTONIUM-239, URANIUM-235 AND URANIUM-233	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / VERRIERE, P.	IAEA-STOCK.-1965, 235-248	781
65-11-00	INTERPRETATION OF EXPERIMENTAL RESULTS OBTAINED AT THE VALDUC CRITICALITY STATION	CAIZERGUES, R. / FIEGEL, A. / ITHURRALDE, M. F.	IAEA-STOCK.-1965, 249-266	282
65-11-00	CRITICALITY RESEARCH ON PLUTONIUM	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	IAEA-STOCK.-1965, 215-233	779
65-11-00	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANYL NITRATE AND INTERACTION OF SUBCRITICAL HOMOGENEOUS REACTORS	DUBOVSKII, B. G. / ET AL	IAEA-STOCK.-1965, 267-278	405
65-11-00	INTERACTION IN ARRAYS OF FISSIONABLE MATERIALS	KOLAR, O. C. / MORTON, J. R. / PRUVOST, N. L.	IAEA-STOCK.-1965, 315-335	768

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

65-11-00	MEASUREMENTS OF THE CRITICAL PARAMETERS OF UNDERMODERATED URANIUM-HYDROGEN MIXTURES AT INTERMEDIATE ENRICHMENTS	LANE, R. C.	IAEA-STOCK.-1965, 177-191	72
65-11-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	TANSAO, 08, 444-445	840
65-11-00	NEUTRONIC ISOLATION CHARACTERISTICS OF CONCRETE, LEAD, WOOD POLYETHYLENE AND BERYLLIUM	MC CRELESS, T. G. / SMITH, D. R. / JARVIS, G. A. / DUFFEY, D.	TANSAO, 08, 441	836
65-11-00	CRITICAL URANIUM METAL ANNULI REFLECTED WITH POLYTHENE AND GRAPHITE	MIHALCZO, J. T.	TANSAO, 08, 442-443	838
65-11-00	A COMPARISON OF ANALYSIS WITH EXPERIMENT FOR THE SAXTON PLUTONIUM CRITICAL EXPERIMENTS	ORR, W. L. / STERNBERG, H. I. / DEROMIX, P.	TANSAO, 08, 439-440	757
65-11-00	EXPERIMENTAL AND CALCULATED SYSTEM CRITICALITY	THOMAS, J. T.	IAEA-STOCK.-1965, 149-175	755
65-11-00	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS	WHITE, J. D. / RICHEY, C. R.	TANSAO, 08, 441-442	837
65-12-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235 FUELED SUBCRITICAL ASSEMBLIES MODERATED BY BERYLLIUM OXIDE/FERTILE MATERIAL MIXTURES	MC CULLOCH, D. B. / DUERDEN, P. / BRITTLIFF, E.	AAEC/E146	784
65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	ANL-7110, 215-221	1098
65-12-00	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT	BOYNTON, A. R. / PLUMLEE, K. E. / REDMAN, W. C. / ROBINSON, W. R. / STANFORD, G. S.	ANL-7110, 082-084	821
65-12-00	EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2 OF THE FAST REACTOR FRO	HELLSTRAND, E. / ANDERSSON, T. L. / BRUNFELTER, B. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-207	379
65-12-31	URANIUM-233 DIOXIDE - THORIUM DIOXIDE LATTICE EXPERIMENTS	PRICE, G. A. / WINDSOR, H.	BNL-00954	778
66-00-00	PHYSICS OF FAST REACTORS WITH TUNGSTEN-URANIUM-235 FUEL SUMMARY AND DISCUSSION	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G. / LOEWENSTEIN, W. B.	ANL-7285	1096
66-00-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	BNWL-SA-0232	283
66-00-00	CORRELATIONS OF EXPERIMENTS AND CALCULATIONS	STRATTON, W. R.	LA-DC-8386	1177
66-02-00	CRITICAL AND SAFE MASSES AND DIMENSIONS OF LATTICES OF URANIUM AND URANIUM DIOXIDE RODS IN WATER	CLARK, H. K.	DR-1014	2087
66-02-00	MEASUREMENTS OF THE CRITICAL MASS OF 37.5 PERCENT ENRICHED URANIUM IN REFLECTORS OF WOOD, CONCRETE, POLYETHYLENE AND WATER	LANE, R. C. / PERKINS, O. J. E.	AWRE-NR-1/66	29
66-02-04	METAL PARTS TEST... PUBLISHED IN NUCLEAR SAFETY RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT FOR JULY, AUGUST, AND SEPTEMBER 1965, EDITED BY SCHUSKE, C. L.	ERNST, B. B. / RISLEY, G. G. / TUCK, G.	RFP-0684, 005-006	131
66-03-00	CRITICAL STUDIES FOR THE FRENCH FAST REACTOR <RAPSODIE> (ZPR-3 ASSEMBLY 44)	HESS, A. L. / KEENEY, W. P. / CAUMETTE, P. / BOYER, J. P.	ANL-7044	1249
66-04-07	HAZARDS SUMMARY REPORT FOR APFA-III	CROSBIE, K. L. / RUSSELL, J. L.	GA-7102	1191
66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED	WHEELER, R. C. / ABSALOM, R. M. /	AEW-R481	790

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION		BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.		
66-05-31	CRITICALITY OF A SPHERE OF 4.98% ENRICHED URANYL FLUORIDE SOLUTION	JOHNSON, E. B.	ORNL-3973, 14	614
66-06-00	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO	ANDERSSON, T. L. / BRUNFELTER, B. / CECCHI, P. F. / HELLSTRAND, E. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-233	788
66-06-00	CRITICAL EXPERIMENTS AND CALCULATIONS IN SOME VERY UNDERMODERATED, SLIGHTLY ENRICHED, URANIUM OXIDE/WATER LATTICES	BOYNTON, A. R. / PENNINGTON, E. M.	TANSAO, 09, 129	892
66-06-00	ACCURACY OF REACTOR CODES FOR CRITICALITY CALCULATIONS ON ARRAYS OF FUEL ELEMENTS IN WATER WITH VARIOUS WATER GAPS	FOX, J. K.	TANSAO, 09, 133	616
66-06-00	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD CLUSTERS OF NATURAL URANIUM CARBIDE IN HEAVY WATER MODERATOR	GREEN, R. E. / KAY, R. E. / OKAZAKI, A. / CASINI, G. / METZDORF, H. J. / PAILLON, M.	TANSAO, 09, 123-124	890
66-06-00	CRITICAL PARAMETERS OF URANIUM (1.95) METAL CYLINDRICAL ANNULI	JOHNSON, E. B.	TANSAO, 09, 185-186	894
66-06-00	EXPERIMENTAL AND ANALYTICAL RESULTS FOR PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES	LIKALA, R. C. / STINSON, W. P.	TANSAO, 09, 127-128	891
66-06-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	NSENAO, 25, 165-173	525
66-06-00	CRITICAL EXPERIMENTS WITH HIGHLY BURNED-UP PLUTONIUM IN HEAVY WATER	OLSON, R. L. / GRAVES, W. E.	TANSAO, 09, 181-182	893
66-06-00	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	TANSAO, 09, 233-234	1232
66-07-00	INTERIM REPORT ON URANIUM-FUELED VERA REACTOR EXPERIMENTS	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	AWRE-R5/66	73
66-07-00	LATTICE MEASUREMENTS WITH 28 - ELEMENT NATURAL URANIUM DIOXIDE FUEL ASSEMBLIES PART I. BUCKLINGS FOR A RANGE OF SPACINGS WITH THREE COOLANTS	SERDULA, K. J.	AECL-2606	792
66-07-19	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235/BERYLLIUM-OXIDE SUBCRITICAL ASSEMBLIES	DUERDEN, P. / MC CULLOCH, D. B. / BRITTLIFF, E.	AAEC/E123	719
66-07-20	CRITICALITY OF LATTICES OF HEAT TRANSFER REACTOR EXPERIMENT FUEL ELEMENTS	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1566	1153
66-08-00	CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II- HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS	FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-3555	2091
66-08-00	CRITICALITY OF PLUTONIUM COMPOUNDS IN THE UNDERMODERATED RANGE HYDROGEN - PLUTONIUM LESS THAN 20	HANSEN, L. E. / CLAYTON, E. D.	NUAPA, 03, 481-487	804
66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3	LONG, J. K. / MC VEAN, R. L. / REYNOLDS, A. B. / STEWART, S. L. / WEITZBERG, A. / LERIDON, A. M.	NSENAO, 25, 442-444	522
66-08-25	ORGANIC COOLED, HEAVY WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	BNL-50012-(T-434)	803
66-09-00	CRITICAL DIMENSION OF URANIUM-235	JONES, L. L. / ROMESBURG, H. C.	WAPD-TM-0632	793

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

AQUEOUS SOLUTIONS CONTAINING URANIUM-238 OR THORIUM-232

66-10-00	SENSITIVITY OF NEUTRON-SPECTRUM-DEPENDENT QUANTITIES IN URANIUM (93.2 PERCENT URANIUM-235) METAL ASSEMBLIES TO INELASTIC SCATTERING MODELS FOR URANIUM-235	MIHALCZO, J. T.	TANSAO, 09, 489-490	1214
66-10-00	FAST-SPECTRUM REFRACTORY-METAL CRITICAL-EXPERIMENT MEASUREMENTS	SIMS, F. L. / KUNZE, J. F. / WALSH, W. P. / HENDERSON, W. B.	TANSAO, 09, 488-489	1215
66-10-00	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREAY FAST REACTOR	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	TRG REPORT 1384(D)	94
66-10-00	ORGANIC-COOLED HEAVY-WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	TANSAO, 09, 518-519	895
66-10-00	CAVITY REACTOR CRITICAL EXPERIMENT	LOFTHOUSE, J. H. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 09, 340	214
66-10-10	ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY	ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M.	ANL-7320, 216-230	922
66-10-10	EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO	ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J.	ANL-7320, 159-185	918
66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	ANL-7320, 137-158	917
66-10-10	COMPARISON OF MULTIGROUP CROSS-SECTION SETS USED IN REACTOR CALCULATIONS	BATTAT, M. E. / LABAUVE, R. J.	ANL-7320, 130-134	916
66-10-10	SPECTRUM MEASUREMENTS IN A LARGE DILUTE PLUTONIUM FUELED FAST REACTOR	BENNETT, E. F. / GOLD, R. / HUBER, R. J.	ANL-7320, 477-480	942
66-10-10	FAST TEST REACTOR: CRITICAL EXPERIMENTS PROGRAM	BENNETT, R. A. / HOFMANN, P. L. / LITTLE, W. W. / MAAS, L. L.	ANL-7320, 785-793	969
66-10-10	MONTÉ CARLO ANALYSIS OF SMALL FAST CRITICAL ASSEMBLIES	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	ANL-7320, 278-298	927
66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	ANL-7320, 205-215	1487
66-10-10	COMMENT ON SPECTRUM MEASUREMENTS IN A LARGE, DILUTE PLUTONIUM-FUELED FAST REACTOR	BROWN, P. S.	ANL-7320, 486-489	944
66-10-10	MEASUREMENTS AND ANALYSIS OF ALUMINUM-, ALUMINUM TRIOXIDE-, AND BERYLLIUM OXIDE-, REFLECTED FAST CRITICAL EXPERIMENTS	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G.	ANL-7320, 186-194	919
66-10-10	INTERCOMPARISON OF CALCULATIONS FOR A DILUTE PLUTONIUM-FUELED FAST CRITICAL ASSEMBLY (ZPR-3 ASSEMBLY 48)	DAVEY, W. G.	ANL-7320, 057-065	910
66-10-10	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK	ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G.	ANL-7320, 725-733	965
66-10-10	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK	ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D.	ANL-7320, 759-775	967

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

66-10-10	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	ANL-7320, 080-087	912
66-10-10	IMPLICATIONS OF RECENT FAST CRITICAL EXPERIMENTS ON BASIC FAST REACTOR DESIGN DATA AND CALCULATIONAL METHODS	GREEBLER, P. / GYOREY, G. L. / HUTCHINS, B. A. / SEGAL, B. M.	ANL-7320, 066-079	911
66-10-10	CALCULATION OF THE SODIUM-VOID EFFECT IN LARGE CARBIDE CORES	HELM, F. / TRAVELLI, A.	ANL-7320, 369-374	936
66-10-10	THE JAERI FAST CRITICAL FACILITY	HIROTA, J. / NOMOTO, S. / NAKAMURA, T. / IIJIMA, T. / HIRAKAWA, T. / HIRAKAWA, N.	ANL-7320, 776-784	968
66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7320, 403-420	940
66-10-10	CRITICAL EXPERIMENTS WITH A MOCKUP OF THE REPETITIVELY PULSED REACTOR SORA	KISTNER, G. / MIHALCZO, J. T.	ANL-7320, 586-589	953
66-10-10	MEASUREMENTS OF NEUTRON SPECTRA AND DECAY CONSTANTS WITH THE FAST SUBCRITICAL FACILITY SUAK	KUCHLE, M. / MITZEL, F. / WATTECAMPS, E. / WERLE, H.	ANL-7320, 506-523	947
66-10-10	CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3	MC VEAN, R. L. / GOIN, R. W. / WEITZBERG, A. / LERIDON, A. M. / KREMSER, J.	ANL-7320, 560-568	951
66-10-10	CALCULATIONAL STUDIES OF SODIUM-VOID REACTIVITY VARIATIONS DUE TO THIN SLAB HETEROGENEITIES IN FAST CRITICAL ASSEMBLIES	MENEGHETTI, D.	ANL-7320, 377-385	937
66-10-10	PROMPT-NEUTRON TIME BEHAVIOR IN DELAYED-CRITICAL COUPLED URANIUM-METAL CYLINDERS	MIHALCZO, J. T.	ANL-7320, 237-241	924
66-10-10	STATIC PHYSICS MEASUREMENTS IN THE FERMI REACTOR	MUELLER, R. E. / NIMS, J. B. / CALLEN, R. C.	ANL-7320, 605-628	955
66-10-10	THE CRITICAL EXPERIMENTS AND PRELIMINARY ANALYSIS OF MULTIFUELED, NONUNIFORM CORE LOADINGS FOR THE FARET PROGRAM	PERSIANI, P. J. / HESS, A. L. / KUCERA, D.	ANL-7320, 550-560	950
66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	ANL-7320, 195-204	1425
66-10-10	APPLICATION OF THE SEFOR CRITICAL EXPERIMENTS AT ZPR-3 TO SEFOR	REYNOLDS, A. B. / STEWART, S. L.	ANL-7320, 569-585	952
66-10-10	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM CARBIDE CORES	RUSCH, G. K. / KARAM, R. A. / KATO, W. Y. / MAIN, G. W.	ANL-7320, 231-236	923
66-10-10	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREAY FAST REACTOR	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	ANL-7320, 590-604	954
66-10-10	MONTE CARLO CALCULATIONS OF FAST MULTICOMPONENT CRITICAL SYSTEMS	THOMAS, J. T.	ANL-7320, 299-303	928
66-10-10	A COMMENT ON THE COMPARISON OF THEORETICAL WITH EXPERIMENTAL NEUTRON SPECTRA IN FAST CRITICAL ASSEMBLIES	TRAVELLI, A.	ANL-7320, 481-485	943
66-10-10	A COMPARISON OF MEASURED AND CALCULATED ENERGY SPECTRA IN TWO VERA CORES	WEALE, J. W. / BENJAMIN, P. W. / PATERSON, W. J.	ANL-7320, 501-505	946
66-10-15	NEUTRON SPECTRA EXPERIMENTS	BIERMAN, S. R. / HANSEN, L. E. / WOODRUFF, G. L. / LLOYD, R. C. / HESS, G. M.	BNWL-0340, 46-49	1281
66-10-15	SOME PROBLEMS IN THE INTERPRETATION OF EXPONENTIAL EXPERIMENTS	HELLENS, R. L. / ANDERSEN, E.	BNL-07293	1118

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

66-10-15	PULSED NEUTRON SOURCE MEASUREMENTS - PLUTONIUM NITRATE SOLUTIONS	HESS, G. M. / BIERMAN, S. R.	BNWL-0340, 49-50	1258
66-10-15	BASIC CRITICALITY EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 56-58	864
66-10-15	NEUTRON INTERACTION EXPERIMENTS WITH BOTTLES OF URANIUM-233 SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 51-56	863
66-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - URANIUM DIOXIDE FUEL RODS	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-0340, 09	799
66-12-00	SPATIAL VARIATION OF THE FAST NEUTRON FLUX IN CELLS OF SLIGHTLY URANIUM-235-ENRICHED-URANIUM WATER-MODERATED LATTICES	HARDY, J. / KLEIN, D. / DANNELS, R.	NSENAO, 26, 462-471	539
66-12-00	MEASURED PHYSICS PARAMETERS IN A ZONED FAST URANIUM CARBIDE CORE, ASSEMBLY 4Z	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7281	121
66-12-01	CRITICALITY SAFETY TESTS FOR ROVER REACTOR FUEL ELEMENTS	CRUME, E. C. / JOHNSON, E. B.	ORNL-TM-1704	1973
66-12-22	SUMMARY REPORT OF CRITICAL EXPERIMENTS PLUTONIUM ARRAY STUDIES, PHASE I	MORTON, J. R. / PIERCE, G. A. / GARDNER, L. L. / BALL, C. J.	UCRL-50175	889
66-12-30	URANIUM-WATER LATTICE COMPILATION PART 1, BNL EXPONENTIAL ASSEMBLIES	PRICE, G. A.	BNL-50035-(T-449)	818
66-12-31	MINIMUM REFLECTION CRITICAL FACILITY	PHELPS, J.	BNL-50023-(S-69)	822
67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAC-1882(ANNEX)	2052
67-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA (PART-1, CHAPTERS 1 - 4)	CHALMERS, J. H. / ABBEY, F.	AHSB(S) HANDBOOK-5, PART-1	40
67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAC-1882	820
67-00-00	A SAFETY ANALYSIS OF THE OAK RIDGE CRITICAL EXPERIMENTS FACILITY	NONE	ORNL-TM-0349, REV. 1	247
67-00-00	FIRST CRITICALITY AND CALIBRATION EXPERIMENTS OF THE RC-4 RITMO REACTOR.	PEDRETTI, E.	RT/FI-(67)7	1931
67-01-00	NEUTRON SPECTRUM MEASUREMENT IN A FAST CRITICAL ASSEMBLY	BENNETT, E. F.	NSENAO, 27, 028-033	544
67-01-00	MATERIAL BUCKLINGS FOR 1.002, 1.25, AND 1.95 WT% URANIUM-235- ENRICHED URANIUM TUBES IN LIGHT WATER	BROWN, C. L. / LLOYD, R. C.	NSENAO, 27, 010-015	543
67-02-00	PHYSICS MEASUREMENTS WITH MODIFIED DILUENT COMPOSITIONS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS	KNAPP, W. G. / DOERNER, R. C.	ANL-7207	118
67-02-01	MULTIGROUP ANALYSIS OF SELECTED FAST CRITICAL ASSEMBLIES	LITTLE, W. W. / HARDIE, R. W. / MAAS, L. L.	BNWL-0347	435
67-03-00	PHYSICS MEASUREMENTS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / KARAM, R. A.	ANL-7007	119
67-03-00	ZPR-9 ASSEMBLIES NO. 6-9 CRITICAL EXPERIMENTS	DOERNER, R. C. / KNAPP, W. G. / KARAM, R. A. / BUTLER, D. K.	ANL-7208	120
67-03-00	CRITICAL STUDIES OF THE SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR (SEFOR	MC VEAN, R. L. / WEITZBERG, A. / KREMSER, J. / LERIDON, A. M. / LONG,	ANL-7248	108

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

IN ZPR-3 (ASSEMBLY 47)		J. K.		
67-03-00	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS	MIHALCZO, J. T.	NSENAO, 27, 557-563	553
67-03-20	CRITICAL LATTICES OF HIGH FLUX ISOTOPE REACTOR FUEL ELEMENTS	JOHNSON, E. B.	ORNL-TM-1808	1151
67-03-22	CRITICAL MASS REDUCTION	JARVIS, G. A. / MILLS, C. B.	LA-3651	485
67-04-13	THE DATA OF NUCLEAR REACTOR PHYSICS. A BIBLIOGRAPHY	FURNISH, JEAN	LA-3791	2114
67-04-15	CRITICAL EXPERIMENTS IN PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-0400	826
67-05-00	ANALYSIS OF CRITICAL EXPERIMENTS WITH ORGANIC-MODERATED ASSEMBLIES	BITELLI, G. / MARTINELLI, R. / ORESTANO, F. V. / SANTANDREA, E.	NSENAO, 28, 270-276	558
67-05-23	EXPERIMENTS AND CALCULATIONS FOR WATER-MODERATED ASSEMBLIES CONTAINING URANIUM DIOXIDE -- 2 WT% PLUTONIUM DIOXIDE FUEL RODS	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-SA-1107	1890
67-06-00	EXPERIMENTAL AND ANALYTICAL DETERMINATION OF THE REACTIVITY WORTHS OF URANIUM-233, URANIUM-235, URANIUM-236 AND NEPTUNIUM-237 SAMPLES IN A SERIES OF URANIUM-235-GRAPHITE CRITICAL ASSEMBLIES	BARDES, R. G. / GILLETTE, E. M. / NIRSCHL, R. J. / TRAYLOR, R. C.	TANSAO, 10, 198	900
67-06-00	EXPERIMENTAL BUCKLING MEASUREMENTS WITH 2.1 PERCENT ENRICHED URANIUM TUBES IN LIGHT WATER	BROWN, C. L. / HANSEN, L. E. / TOFFER, H.	TANSAO, 10, 191-192	898
67-06-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN PLUTONIUM-239/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES	DUERDEN, P.	AAEC/E177	805
67-06-00	INTERACTING ARRAYS OF CONTAINERS WITH URANIUM-233 SOLUTION	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 10, 188-189	896
67-06-00	MEASUREMENTS AND ANALYSES OF SOME URANIUM-233 DIOXIDE-THORIUM DIOXIDE WATER LATTICE EXPERIMENTS	SEHGAL, B. R. / WINDSOR, H. / TUNNEY, W. J.	TANSAO, 10, 193-194	899
67-06-00	FAST-REACTOR CALCULATIONAL MODELS	STACEY, W. M.	NSENAO, 28, 443-449	560
67-06-00	EXPERIMENTAL RESULTS FROM LARGE CAVITY REACTOR CRITICAL	HYLAND, R. E. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E.	TANSAO, 10, 008-009	215
67-06-20	RATIONALE AND PLANS FOR THE FTR CRITICAL EXPERIMENTS PROGRAM	BENNETT, R. A. / HOFMANN, P. L.	BNWL-0490	444
67-07-00	PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS	LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A.	WCAP-3726-1	830
67-07-26	ENRICHED URANIUM-METAL MEASUREMENTS, NO. 1	TUCK, G.	RFP-0907	177
67-08-00	CRITICAL LATTICES OF URANIUM(4.89) METAL RODS IN WATER	JOHNSON, E. B.	ORNL-4143, 31-32	884
67-08-00	ENRICHED URANIUM METAL AND POLYETHYLENE CRITICAL EXPERIMENTS FOR HYDROGEN/URANIUM-235 RATIOS FROM 0 TO 5	MAGNUSON, D. W.	ORNL-4134, 32-34	886
67-08-00	BUCKLING MEASUREMENTS IN WATER-MODERATED AND -REFLECTED EXPONENTIAL EXPERIMENTS	WINDSOR, H.	NSENAO, 29, 296-298	1119
67-08-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF LOW ENRICHMENT URANIUM TETRAFLUORIDE IN PARAFFIN	RAFFETY, S. J.	ORNL-4143, 28-29	819
67-08-00	CRITICALITY OF AQUEOUS SOLUTIONS OF 5	WEBSTER, J. W. / JOHNSON, E. B.	ORNL-4134, 32	885

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

PERCENT ENRICHED URANIUM				
67-09-00	COMPARISON OF ORNL CLEAN CRITICAL EXPERIMENTS WITH CALCULATIONS	FOX, J. K.	IN-1120	104
67-09-00	CAVITY REACTOR CRITICAL EXPERIMENT	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72234	216
67-09-06	CRITICAL MASSES OF OIL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES WITH POLYURETHANE CENTERS	ERNST, B. B.	RFP-1017	807
67-09-18	CRITICAL MASSES FOR PARTIALLY STEEL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES	ROTHER, R. E.	RFP-1021	484
67-09-22	CRITICALITY DATA AND FACTORS AFFECTING CRITICALITY OF SINGLE HOMOGENEOUS UNITS	STRATTON, W. R.	LA-3612	14
67-10-00	CRITICAL MASS, ROD WORTH VALUES, AND REACTIVITY COEFFICIENTS FOR RAPSODIE	STEVENS, L. / GOURDON, J.	CEA-R-3354	127
67-10-00	CALCULATED NEUTRON MULTIPLICATION FACTORS OF UNIFORM AQUEOUS SOLUTIONS OF URANIUM-233 AND URANIUM-235	WEBSTER, J. W.	ORNL-CDC-02	439
67-10-30	STUDIES IN URANIUM-235	NONE	GA-8280, 135-145	1189
67-11-00	STUDIES OF CRITICAL ASSEMBLIES OF HOMOGENEOUS MIXTURES OF PLUTONIUM OXIDE AND POLYSTYRENE	BAXTER, A. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 10, 536	902
67-11-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT FOR URANYL NITRATE HYDROGENOUS SYSTEMS	BIERMAN, S. R. / HESS, G. M.	TANSAO, 10, 539-540	905
67-11-00	ANALYSIS OF SOME URANIUM-235-GRAPHITE CRITICAL EXPERIMENTS	SEHGAL, B. R.	TANSAO, 10, 535-536	829
67-11-00	CRITICALITY OF URANIUM-233 AQUEOUS NITRATE SOLUTION IN REFLECTED AND UNREFLECTED ARRAYS	THOMAS, J. T.	TANSAO, 10, 538-539	903
67-11-00	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 10, 419-420	217
67-11-00	REACTOR PHYSICS PARAMETERS OF URANIUM-233 DIOXIDE-THORIUM DIOXIDE LATTICES IN HEAVY WATER	WINDSOR, H. / TUNNEY, W. J.	TANSAO, 10, 595-596	906
67-11-06	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL STEEL-MODERATED, OIL-REFLECTED ENRICHED URANIUM ASSEMBLIES	ERNST, B. B. / TUCK, G.	RFP-1025	1164
67-11-07	CRITICAL MASSES OF STEEL-MODERATED, ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	RFP-1033	15
67-12-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS SOLUTIONS OF PLUTONIUM - EXPERIMENTAL - RESULTS - THEORETICAL INTERPRETATIONS	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3367	65
67-12-23	SMALL URANIUM-233 FUELED SEED-AND-BLANKET CRITICAL EXPERIMENTS (LWBR-LSBR DEVELOPMENT PROGRAM)	MILANI, S. / WEISS, S. H.	WAPD-TM-0614	594
68-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA. (PART-2, CHAPTERS 5 AND 6).	CHALMERS, J. H.	AHSB(S) HANDBOOK-5, PART-2	16
68-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA PART 3	CHALMERS, J. H.	AHSB(S) HANDBOOK-5, PART-3	258
68-00-00	CRITICAL PARAMETERS OF ENRICHED URANIUM METAL PARTLY REFLECTED BY POLYETHYLENE	MIHALCZO, J. T.	ORNL-4280, 43	1206
68-00-00	MONTE CARLO CALCULATIONS OF THICK-	MIHALCZO, J. T.	ORNL-4280, 41-43	1205

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES

68-00-00	PRELIMINARY STATIC EXPERIMENTS WITH THE REPETITIVELY PULSED CRITICAL ASSEMBLY	MIHALCZO, J. T.	ORNL-4280, 37	1148
68-00-00	HOMOGENEOUS ASSEMBLIES OF URANIUM(2)-TETRAFLUORIDE IN PARAFFIN AT AN HYDROGEN/URANIUM-235 ATOMIC RATIO OF 972	RAFFETY, S. J.	ORNL-4280, 50-51	1208
68-00-00	NEUTRON AGE AND INFINITE-MEDIUM NEUTRON MULTIPLICATION FACTOR FOR URANIUM-TETRAFLUORIDE PARAFFIN MIXTURES WITH LOW URANIUM-235 ENRICHMENT	RAFFETY, S. J. / MIHALCZO, J. T.	ORNL-4280, 51-53	1209
68-00-00	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-233(1), OXYGEN(2), (NITROGEN(1)-OXYGEN(3))(2)	THOMAS, J. T.	ORNL-4280, 53-55	1211
68-00-00	THE LADA PHYSICS TEST STAND	YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A.	PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38	1752
68-01-00	TIME OF FLIGHT MEASUREMENTS OF THE NEUTRON SPECTRUM IN A SUBCRITICAL FAST REACTOR ASSEMBLY	COATES, M. S. / GAYTHER, D. B. / GOODE, P. D. / TRIPP, D. J.	AERE-R5330	133
68-01-00	A COMPARISON OF HETEROGENEOUS NUCLEAR-REACTOR LATTICE THEORY WITH EXPERIMENT	GRAVES, W. E. / BENTON, F. D. / SATTERFIELD, R. M.	NSENAO, 31, 057-066	571
68-01-00	CRITICALITY OF HETEROGENEOUS ARRAYS UNDERGOING DISSOLUTION	RICHEY, C. R.	NSENAO, 31, 040-048	569
68-01-00	THEORETICAL ANALYSES OF HOMOGENEOUS PLUTONIUM CRITICAL EXPERIMENTS	RICHEY, C. R.	NSENAO, 31, 032-039	568
68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY	BLAINE, R. / FROELICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	ANL-7416	491
68-02-00	SAFETY REPORT ON THE PELINDUNA CRITICAL EXPERIMENTS	DE VILLIERS, J. W. L.	PEL-170	126
68-02-00	CRITICAL EXPERIMENTS WITH ENRICHED URANIUM METAL-POLYETHYLENE, -PLEXIGLAS, AND -TEFLON MIXTURES	MAGNUSON, D. W.	ORNL-TM-2082	45
68-03-00	LOW-ENRICHMENT URANIUM-METAL EXPONENTIAL EXPERIMENTS	CHEZEM, C. G. / STEINKE, R. G.	NSENAO, 31, 549-550	581
68-03-00	CRITICALITY OF ARRAYS OF URANIUM-233 SOLUTION	LLOYD, R. C. / CLAYTON, E. D. / CHALMERS, J. H.	NUAPA, 04, 136-141	1250
68-03-04	CALCULATIONS OF FAST CRITICAL EXPERIMENTS USING ENDF/B DATA AND A MODIFIED ENDF/B DATA FILE	PITTERLE, T. A. / PAGE, E. M. / YAMAMOTO, M.	CONF-660303	1486
68-04-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS, HYDROGENOUS URANYL NITRATE SYSTEMS	BIERMAN, S. R. / HESS, G. M.	NSENAO, 32, 135-139	580
68-04-00	MINIMUM THICKNESS OF A WATER-REFLECTED INFINITE SLAB OF AN AQUEOUS SOLUTION OF URANYL FLUORIDE AT OPTIMUM CONCENTRATION	WEBSTER, J. W.	NSENAO, 32, 133-135	579
68-04-04	CRITICALITY AND CENTRAL REACTIVITY CALCULATIONS USING ENDF/B DATA	LABAUVE, R. J. / BATTAT, M. E.	LA-DC-9216	795
68-05-22	CAVITY REACTOR ENGINEERING MOCKUP CRITICAL EXPERIMENT	PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	NASA-CR-72409	33
68-05-31	CAVITY REACTOR CRITICAL EXPERIMENT	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72415, GESP-35	48

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

VOLUME-II

68-06-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS HYDROGENOUS URANYL NITRATE	BIERMAN, S. R. / HESS, G. M.	ORNL-CDC-05	42
68-06-00	REACTOR PHYSICS PARAMETERS OF 1.03 PERCENT ENRICHED URANIUM METAL, HEAVY WATER MODERATED LATTICES	D'ARDENNE, W. H.	NSENAO, 32, 283-291	411
68-06-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA	KISTNER, G. / MIHALCZO, J. T.	ORNL-4263	32
68-06-00	MONTE CARLO CRITICALITY CALCULATIONS FOR THERMAL REACTORS	MENDELSON, M. R.	NSENAO, 32, 319-331	414
68-06-00	THE APPLICATION OF THE HAMMER COMPUTER CODE TO EX-REACTOR CRITICALITY CALCULATIONS	CHITWOOD, R. A.	TANSAO, 11, 387-389	2025
68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 1	PIERCE, G. A. / MORTON, J. R.	TANSAO, 11, 378-379	2017
68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 2	FINN, H. F. / PIERCE, G. A.	TANSAO, 11, 379-380	2018
68-06-00	MONTE CARLO CALCULATIONS FOR ARRAYS OF PLUTONIUM UNITS	PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 386-387	2024
68-06-00	MEASUREMENT OF THE CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE	GEER, W. U. / SMITH, D. R.	TANSAO, 11, 378	2016
68-06-00	THE EFFECT OF STEEL - WATER REFLECTORS ON THE CRITICALITY OF LOW-ENRICHED URANYL FLUORIDE SOLUTION	JOHNSON, E. B. / NEWLON, C. E.	TANSAO, 11, 383-384	2022
68-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 11, 381-382	2020
68-06-00	MONTE CARLO CALCULATIONS OF THICK-GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES	MIHALCZO, J. T.	TANSAO, 11, 385-386	2023
68-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE - POLYSTYRENE AT 5 HYDROGEN:PLUTONIUM	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 11, 380-381	2019
68-06-00	CRITICAL EXPERIMENTS AT HYDROGEN:URANIUM-235 RATIOS FROM 0 TO 5	MAGNUSON, D. W.	TANSAO, 11, 383	2021
68-06-00	UNREFLECTED PLEXIGLASS-GRAPHITE-URANIUM CRITICAL MEASUREMENTS	HOOGTERP, J. C.	TANSAO, 11, 389-390	2026
68-06-00	BUCKLING MEASUREMENTS IN A HEAVY WATER SUPERLATTICE	TANNER, C. J. / ANDREWS, D. G.	TANSAO, 11, 252-253	44
68-07-00	INVESTIGATION OF THE CRITICALITY OF LOW-ENRICHMENT URANIUM CYLINDERS	CHEZEM, C. G.	NSENAO, 33, 139	513
68-07-00	THE MEASUREMENT OF THE CRITICAL SIZE OF A HOMOGENEOUS MIXTURE OF PLUTONIUM AND NATURAL URANIUM OXIDES WITH POLYTHENE	LANE, R. C. / PERKINS, O. J. E.	AWRE-0-32/68	128
68-08-00	ANALYSIS OF REACTIVITY MEASUREMENTS IN HECTOR ON SINGLE PLUTONIUM-URANIUM OXIDE CLUSTERS	BANNERMAN, R. C.	AEW-R499	1145
68-08-08	CAVITY REACTOR CRITICAL EXPERIMENT PROGRESS REPORT FOR THE PERIOD INCEPTION THROUGH JULY 31, 1968	NONE	GEMP-629	1134
68-08-26	FAST CRITICAL EXPERIMENTS IN SUPPORT OF THERMIONIC REACTOR PHYSICS	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L. / SARGIS, D. A. / SHARP, R.	GA-8767	1489
68-09-22	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY 48	SARGIS, D. A. / BAXTER, A. /	GA-8847	1370

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

	USING ENDF/B CROSS SECTIONS	ARCHIBALD, R.		
68-09-23	LIVERMORE PLUTONIUM ARRAY PROGRAM	FINN, H. F. / PRUVOST, N. L.	CONF-680909, 108-112	985
68-09-23	THE INTERACTION BETWEEN POISONED AND UNPOISONED ELEMENTS IN A PERIODIC SLAB-CELL ARRAY	ROTHE, R. E.	CONF-680909, 096-107	984
68-09-26	AN EVALUATION OF URANIUM-233 CROSS SECTIONS WITH NUMERICAL ANALYSIS OF INTEGRAL EXPERIMENTS	TRAYLOR, R. C.	GAMD-8067	1304
68-10-24	NEUTRON FLUX MEASUREMENTS IN URANIUM METAL EXPONENTIAL COLUMNS OF 6.53 PERCENT AND 9.12 PERCENT URANIUM-235	STEINKE, R. G.	LA-3934	378
68-11-00	ANALYSIS OF REFLECTED ORALLOY CRITICAL EXPERIMENTS	COHEN, S. C.	TANSAO, 11, 671	1407
68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE	EISEMANN, E. / KUESTERS, H. / METZENROTH, M. / SCHMIDT, J. J. / SCHROETER, K. E. / THIEM, D.	TANSAO, 11, 601-602	1409
68-11-00	FLUXES INTRASTRUCTURE IN A LARGE, PLATE-TYPE HETEROGENEOUS URANIUM DIOXIDE FAST CORE (ASSEMBLY-6, ZPR-6)	KARAM, R. A. / MARSHALL, J. E. / NAKAMURA, T.	TANSAO, 11, 598-599	1408
68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE	KUSTERS, H. / SCHMIDT, J. J. / BROEDERS, C. H. M. / EISEMANN, E. / METZENROTH, M. / SCHROETER, K. E. / THIEM, D.	KFK-793	1179
68-11-00	MONTE CARLO CALCULATIONS OF TWO-CORE DELAYED CRITICAL ASSEMBLIES	MIHALCZO, J. T.	TANSAO, 11, 603-604	1411
68-11-00	EFFECT OF UNIT CELL SHAPE VARIATION IN A CRITICAL ARRAY OF PLUTONIUM METAL PARTS	FINN, H. F. / PIERCE, G. A. / PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 674	2027
68-11-00	CRITICAL LATTICES OF URANIUM(4.89) RODS IN WATER AND IN AQUEOUS BORON SOLUTION	JOHNSON, E. B.	TANSAO, 11, 674-675	2028
68-11-00	OSR MONTE CARLO CALCULATIONS OF LOW-ENRICHED URANIUM THERMAL CRITICAL ASSEMBLIES, AND EVIDENCE OF ERRORS IN URANIUM-238 CROSS SECTIONS	WEBSTER, J. W.	ORNL-TM-2187	453
68-11-01	(FAST REACTOR SPECTRUM MEASUREMENTS QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1968)	PRESKITT, C. A. / D'OUTREMONT, P. / NEILL, J. M. / YOUNG, J. C.	GA-9140	1091
68-11-15	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-III	PINCOCK, G. D. / KUNZE, J. F.	GESP-129	1314
68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION	BORGWALDT, H. / EDELMANN, M. / HABERMANN, F. W. A. / KUBMAUL, G. / MEISTER, H. / SEIFRITZ, W. / STEGEMANN, D.	KFK-899	1180
68-12-00	ANALYSIS OF ZPR-3 FAST CRITICAL ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA.	MAHALINGAM, L. M. / SHANKAR SINGH, R.	PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 408-411	1781
68-12-00	CRITICALITY MEASUREMENTS ON NEARLY HOMOGENEOUS ENRICHED URANIUM-GRAPHITE SYSTEMS	PHELPS, J. / WEINSTOCK, E. V.	NSENAO, 34, 237-250	504
68-12-00	ANALYSIS OF BROOKHAVEN URANIUM-235 GRAPHITE CRITICAL EXPERIMENTS	SEHGAL, B. R.	NSENAO, 34, 251-262	503
68-12-00	A 26 GROUP CROSS-SECTION SET AND THE ANALYSIS OF ZPR-6 ASSEMBLY 4 Z	SHUKLA, V. K. / GARG, S. B.	PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 412-415	1782

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

68-12-00	ANALYSIS OF A SET OF CRITICAL HOMOGENEOUS URANIUM-WATER SPHERES	STAUB, A./ HARRIS, D. R./ GOLDSMITH, M.	NSENAO, 34, 263-274	502
68-12-13	THE NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT ASSEMBLY NO. 1	COHEN, S. C./ MOORE, R. A./ RUSSELL, J. L.	GA-9100	1186
69-00-00	DOPPLER AND RELATED MEASUREMENTS IN A SOFT FAST-REACTOR SPECTRUM	SPRINGER, T. H./ TUTTLE, R. J./ OTTER, J. M./ PASCHALL, R. K.	AI-AEC-12705	475
69-00-00	ANALYSIS OF ZERO POWER REACTOR III ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA	MAHALINGAM, L. M./ SHANKAR SINGH, R.	BARC-421	1374
69-00-00	STATIC MEASUREMENTS PREPARATORY TO SPACE-TIME KINETICS EXPERIMENTS IN THE SHA.	RYDIN, R. A./ BURKE, J./ FEINER, F. / SEEMANN, K. W./ STACEY, W. M.	KAPL-P-3847	1877
69-01-00	THE INFLUENCE OF NUCLEAR DATA UNCERTAINTIES ON PROPERTIES OF CRITICAL ASSEMBLIES	BROEDERS, C. H. M.	KFK-939	1303
69-01-00	STUDIES OF THE CRITICALITY OF 20 PERCENT ENRICHED URANIUM FAST CRITICAL ASSEMBLIES (FCA-I)	HIROTA, J./ NOMOTO, S./ HIRAKAWA, N./ NAKANO, M.	J. NUC. SCI. TECH., 06, 035-042	1142
69-01-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE-POLYSTYRENE AT 5 HYDROGEN/PLUTONIUM	BIERMAN, S. R./ HANSEN, L. E./ LLOYD, R. C./ CLAYTON, E. D.	NUAPA, 06, 023-026	1276
69-01-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA	KISTNER, G./ MIHALCZO, J. T.	NSENAO, 35, 027-044	500
69-02-00	CAVITY REACTOR CRITICAL EXPERIMENTS	KUNZE, J. F./ PINCOCK, G. D./ HYLAND, R. E.	NUAPA, 06, 104-115	601
69-02-00	ARGONNE ADVANCED RESEARCH REACTOR CRITICAL EXPERIMENTS.	PLUMLEE, K. E./ DAUGHTRY, J. W./ JOHNSON, T. W./ ROBINSON, W. R./ SCHULTZ, R. A./ STANFORD, G. S.	ANL-7483	1875
69-02-00	CRITICAL MEASUREMENTS ON AN ENRICHED URANIUM SOLUTION SYSTEM	ROTHE, R. E.	NSENAO, 35, 267-276	494
69-03-00	USE OF INTEGRAL EXPERIMENTS TO IMPROVE THE CADARACHE CROSS SECTION SET - SET VERSION NO. 2 - APPLICATION TO PHENIX	BARRE, J. Y./ RAVIER, J.	PNR/SETR 69.031	1394
69-03-00	MATERIAL BUCKLING MEASUREMENTS WITH 2.1 WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TUBES IN LIGHT WATER	BROWN, C. L./ HANSEN, L. E.	NSENAO, 35, 358-363	1143
69-04-00	THE DRAGON EXPERIMENT	FRISCH, O.	NUCL. NEWS 12, 30-32	1366
69-04-00	MEASUREMENTS OF LATTICE PARAMETERS WITH A SINGLE FUEL ASSEMBLY IN ORGANIC COOLANT MATERIAL.	MATSUBARA, TAKEO/ MUKOYAMA, TAKESHI/ TADA, HIROMITSU/ TSUJI, YOSHIO.	NIPPON GENSHIRYOKU GAKKAISHI, 11, 600-605	1754
69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART-2: INTERPRETATION	HANSEN, L. E./ CLAYTON, E. D.	NUAPA, 06, 381-390	1280
69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS	HANSEN, L. E./ CLAYTON, E. D./ LLOYD, R. C./ BIERMAN, S. R./ JOHNSON, R. D.	NUAPA, 06, 371-380	1260
69-04-04	OPERATING PROCEDURES FOR THE PAJARITO SITE CRITICAL ASSEMBLY FACILITY	KOONTZ, P. G./ ORNDOFF, J. D./ PAXTON, H. C.	LA-4037-SOP	1170
69-05-02	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT ENRICHED URANIUM IN PARAFFIN	RAFFETY, S. J./ MIHALCZO, J. T.	Y-DR-014	250
69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969	CERBONE, R. J./ CROSBIE, K. L./ GOZANI, T./ MIRR, C. H./ NEILL, J. M./ D'OUTREMONT, P./ PRESKITT, C. A./ SPERLING, M./ TRIMBLE, G. D./ YOUNG, H. P./ YOUNG, J. C.	GA-9386	1365

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

69-06-00	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY-48 USING ENDF/B CROSS SECTIONS	ARCHIBALD, R./ BAXTER, A./ SARGIS, D. A.	TANSAO, 12, 182-183	1363
69-06-00	FAST SPECTRUM MEASUREMENTS ON A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT	COHEN, S. C./ MOORE, R. A./ RUSSELL, J. L.	TANSAO, 12, 221-223	1404
69-06-00	CRITICAL AND NEAR-CRITICAL GRAPHITE-MODERATED ARRAYS OF URANIUM(93.2) CYLINDERS	CRUME, E. C./ THOMAS, J. T.	TANSAO, 12, 336	1413
69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS THROUGH INTEGRAL EXPERIMENTS	KALLFELZ, J. M./ POENITZ, W. P./ SEHGAL, B. R./ ZOLOTAR, B. A.	TANSAO, 12, 186-187	1401
69-06-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT JANUARY - MARCH 1969	PETTUS, W. G./ BALDWIN, M. N./ FAIRBURN, G. T./ STERN, M. E.	BAW-3647-12	1369
69-06-00	FTR CRITICAL EXPERIMENTS ANALYSIS	YOUNG, W. R./ BENNETT, R. A.	TANSAO, 12, 183-184	1319
69-06-13	VERA CORE 18: AN ASSEMBLY BUILT TO TEST CALCULATION METHODS AND DATA FOR D.F.R.	SMITH, J. C./ ATKINSON, H./ MC TAGGART, M. H.	TRG REPORT 1539	1364
69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.	KIEFHABER, E./ KUESTERS, H./ SCHMIDT, J. J./ BACHMANN, H./ KRIEG, B./ STEIN, E./ THIEM, D./ WAGNER, K./ HINKELMANN, B./ SIEP, I.	CONF-690634, 094-100	1794
69-06-24	LESSONS DRAWN FROM INTEGRAL EXPERIMENTS ON A SET OF MULTIGROUP CROSS SECTIONS.	BARRE, J. Y./ HEINDLER, M./ LACAPELLE, T./ RAVIER, J.	CONF-690634, 165-179	1795
69-06-24	ARGONNE NATIONAL LABORATORY CRITICAL EXPERIMENT PROGRAM.	TILL, C. E./ DAVEY, W. G./ LEWIS, R. A./ PALMER, R. G.	CONF-690634, 040-049	1791
69-07-00	INTEGRAL MEASUREMENTS FOR 28-ELEMENT URANIUM-DIOXIDE ASSEMBLIES WITH AIR, WATER, AND AIR-WATER MIXTURE COOLANTS	MEHTA, S. L./ SERDULA, K. J.	AECL-3416	1874
69-07-00	FAST NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF A HOMOGENEOUS URANIUM-235 POLYETHYLENE CRITICAL ASSEMBLY	COHEN, S. C./ MOORE, R. A./ YOUNG, J. C./ RUSSELL, J. L.	NSENAO, 37, 111-126	1345
69-07-10	QUARTERLY STATUS REPORT ON: ULTRA HIGH TEMPERATURE REACTOR EXPERIMENT (UHTREX), FOR PERIOD ENDING APRIL 30, 1969	NONE	LA-4207-MS	1371
69-08-00	CALCULATION AND INTERPRETATION OF THE UHTREX CRITICAL EXPERIMENTS.	CARMICHAEL, B. M. / BIGIL, J. C. / MEEM, J. L.	LA-4218	1909
69-08-12	FS-1 CORES 2 AND 2A	PALMEDO, P. F./ WEINSTOCK, E. V.	BNL-RP-01 (F)	1267
69-08-27	PRELIMINARY FAST REACTOR HETEROGENEITY STUDIES IN FS-1	PALMEDO, P. F. / WEINSTOCK, E. V.	BNL-RP-02 (F)	1483
69-09-00	RE-EVALUATED CRITICAL SPECIFICATIONS OF SOME LOS ALAMOS FAST-NEUTRON SYSTEMS	HANSEN, G. E./ PAXTON, H. C.	LA-4208	1220
69-09-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969	PETTUS, W. G./ BALDWIN, M. N./ FAIRBURN, G. T./ STERN, M. E.	BAW-3647-14	1368
69-09-17	THE DATA OF NUCLEAR REACTOR PHYSICS, 1967--1968. A BIBLIOGRAPHY.	FURNISH, JEAN	LA-4225	1878
69-09-22	CEPFR-1B MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J. / CONANT, J. / COURT, A. J. / DOWNES, K. / WINDSOR, H.	BNL-RP-07 (F)	1239
69-09-22	CEPFR-1A MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J./ COURT, A. J./ DOWNES, K.	BNL-RP-06 (F)	1237
69-10-00	ANALYSIS AND EXPERIMENTS WITH A PULSED NEUTRON SOURCE FOR AN UNREFLECTED SOLUTION REACTOR UP TO 50 DOLLARS SHUTDOWN	FIENO, D. / FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-5487	2092

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

69-10-00	A STATUS REPORT FOR THE CURRENT EVALUATION OF MODIFIED ENDF/B REPRESENTATIONS FOR THE ISOTOPES OF PLUTONIUM - 239, 240, 241, AND 242	EICH, W. J.	WCAP-7365	1317
69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS SECTIONS AND THEIR INFLUENCE ON CALCULATED FAST REACTOR PARAMETERS	KALLFELZ, J. M. / ZOLOTAR, B. A. / SEHGAL, B. R.	EACRP-L-77	1388
69-10-00	CEPFR-1C MEASUREMENTS AND ASSEMBLY DESCRIPTION	WINDSOR, H. / PHELPS, J. / CONANT, J.	BNL-RP-09 (F)	1482
69-10-01	PLUTONIUM-ALUMINUM-WATER BUCKLING MEASUREMENTS	PRICE, G. A. / WINDSOR, H.	BNL-RP-08 (F)	1238
69-10-27	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORLTON, D. R.	LA-3529	998
69-11-00	CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE	SMITH, D. R. / GEER, W. U.	NUAPA, 07, 405-408	1959
69-11-00	PULSED-NEUTRON DETERMINATION OF K(EFF) AND TAU IN LOW-ENRICHMENT URANYL NITRATE.	CHOW, R. H. / BIERMAN, S. R.	TANSAO, 12, 889-890	1772
69-11-00	CRITICALITY OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE AQUEOUS MIXTURES	HANSEN, L. E. / BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 12, 869-870	1757
69-11-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.	HUNT, D. C. / BOSS, M. R.	TANSAO, 12, 872-873	1762
69-11-00	CRITICAL MASS SENSITIVITY TO THE TREATMENT OF HETEROGENEITY EFFECTS IN A LARGE URANIUM CARBIDE FAST CORE, ASSEMBLY 5 OF ZPR-6.	KARAM, R. A. / MARSHALL, J. E.	TANSAO, 12, 718-719	1769
69-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION SLABS HAVING HIGH PLUTONIUM-240 CONTENT.	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 12, 870-872	1765
69-11-00	REACTIVITY EFFECTS IN CRITICAL FACILITIES DUE TO FISSILE ISOTOPE DECAY.	MATLOCK, R. G. / KAISER, R. E. / GASIDLO, J. M.	TANSAO, 12, 652-653	1768
69-11-00	FAST BREEDER REACTOR STATIC PHYSICS METHODS DEVELOPMENT AND ANALYSIS PROJECT VOLUME 4 - PRODUCTION TESTS AND SENSITIVITY STUDIES USING THE FARED CODE	NEUHOLD, R. J.	BAW-3867-09, VOL 4	1373
69-11-00	REFLECTOR SAVINGS FOR URANYL NITRATE OF LOW ENRICHMENT.	ROGERS, C. A. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-1258	1883
69-11-00	ANALYSES OF BROOKHAVEN URANIUM-233-THORIUM-232 OXIDE, LIGHT- AND HEAVY-WATER-MODERATED LATTICE EXPERIMENTS	SEHGAL, B. R.	TANSAO, 10, 596-597	1210
69-11-00	INTEGRAL MEASUREMENTS OF FAST-NEUTRON SPECTRA IN SOME URANIUM- AND PLUTONIUM-FUELED FAST REACTOR CORES	SHER, R.	TANSAO, 12, 714	1421
69-11-00	VALIDITY OF FAST-CRITICAL EXPERIMENTS AS INTEGRAL TESTS OF ENDF/B	DAVEY, W. G. / HESS, A. L.	TANSAO, 12, 717-718	1391
69-11-00	SLAB CYLINDER-ARRAY EXPERIMENTAL DATA.	TUCK, G. / CLARK, H. E.	TANSAO, 12, 875-877	1761
69-11-15	QUARTERLY TECHNICAL PROGRESS REPORT LMFBR PHYSICS PROGRAMS JULY-SEPTEMBER 1969	SPRINGER, T. H. / TUTTLE, R. J. / MOUNTFORD, L. A.	A1-AEC-12884	1375
69-11-30	NEUTRON FLUX SPECTRUM STUDIES IN THE PCTR FAST NEUTRON CAVITY	NEWMAN, D. F. / DAVENPORT, L. C.	BNWL-1240	1227
69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSILE-MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.	BARBRY, F. / BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3931	1898

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

69-12-00	CRITICALITY OF A URANIUM-SOLUTION SLAB UNDER VARIOUS REFLECTOR CONDITIONS.	ROTHER, R. E. / SCHUSKE, C. L. / HICKS, E. E.	NUAPA, 07, 505-512	1750
69-12-00	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL ENRICHED URANIUM ASSEMBLIES	TUCK, G.	JAABA, 23, 663-672	653
69-12-00	GODIVA IV	WIMETT, T. F. / WHITE, R. H. / WAGNER, R. G.	CONF-690102, 95	1389
70-00-00	COMPARATIVE ANALYSIS OF CRITICAL AND EXPONENTIAL EXPERIMENTS BY HETEROGENEOUS METHODS.	CASINI, G. / PAILLON, M.	EUR-4362	1812
70-01-00	CRITICAL EXPERIMENTS AND ZERO-POWER MEASUREMENTS WITH THE CRITICAL FACILITY "RAKE" FOR THE POWER LEVEL INCREASING OF THE RFR REACTOR.	ENDLER, A.	KERNERGIE, 13, 6-11	1799
70-01-00	EXPERIMENTS WITH A SERIES OF SMALL, PLUTONIUM-PLUS-URANIUM-FUELED FAST-REACTOR CRITICALS (FARET MOCKUP--ZPR-3 ASSEMBLY 46).	HESS, A. L. / KEENEY, W. P. / MC VEAN, R. L.	ANL-7215	1866
70-01-00	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS. PART-1. ZPR-3 ASSEMBLY 51.	YOUNG, W. R. / BENNETT, R. A.	BNWL-1138	1897
70-02-00	MEASUREMENTS AND CALCULATIONS ON THERMAL, ARGONAUT TYPE, CORES IN THE STEK-FACILITY AT PETTEN.	COEHOORN, J. / KLIPPEL, H. TH. / DE MEULEMEESTER, F. M.	RCN-118	1865
70-02-00	INTEGRAL TEST OF ENDF/B AND GAM NEUTRON CROSS-SECTION DATA IN A CLEAN FAST ASSEMBLY	MOORE, R. A. / SARGIS, D. A. / COHEN, S. C.	NSENAO, 39, 263-272	1298
70-02-00	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS, PART 2. ZPR-3 ASSEMBLIES 52A, B, C, D, E, AND F	YOUNG, W. R. / BENNETT, R. A.	BNWL-1139	874
70-03-00	NEUTRON INTERACTION IN AIR BETWEEN CYLINDRICAL CONTAINERS HOLDING EITHER URANIUM OR PLUTONIUM SOLUTIONS	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / MAUBERT, L.	CEA-R-3946	1461
70-03-00	AN ANALYTICAL STUDY OF THE MINIMUM CRITICAL MASS OF HIGHLY ENRICHED URANIUM-235 WHEN REFLECTED BY NATURAL URANIUM AND WATER MIXTURES IN OPTIMIZED LATTICES	GRAY, A. W. / JONES, L. L.	WAPD-TM-0933	652
70-03-00	EXPERIMENTAL STUDIES ON 20 PERCENT ENRICHED URANIUM-LIGHT WATER ASSEMBLY. 3. CRITICAL BUCKLING MEASUREMENTS.	MITAKE, S. / WATARUMI, C. / MIYAWAKI, Y. / TAKEDA, E.	BULL. TOKYO INST. TECH. 96, 1-21	1730
70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.	NOBLE, L. D. / MITZEL, F. / SARMA, B. / WINTZER, D. / LU, Y. S. / KESSLER, G. / PFLASTERER, G. R. / BECKER, R. A. / MANSUR, L.	GEAP-13588	1932
70-03-00	CRITICAL MASS IRREGULARITY OF STEEL-MODERATED ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	NSENAO, 39, 320-328	1354
70-03-00	A COMPARISON OF THERMAL NEUTRON ACTIVATION MEASUREMENTS AND MONTE CARLO CALCULATIONS IN LIGHT-WATER-MODERATED URANIUM CELLS	VOLPE, J. J. / HARDY, J. / KLEIN, D.	WAPD-TM-0932	831
70-04-00	THE BASIC STATIC PARAMETERS FOR WWR-SM LATTICES WITH WATER CHANNELS. ESTIMATION OF HETEROGENEITY EFFECT ON NEUTRON AGE.	JOZEFOWICZ, EDWARD T.	NUKLEONIKA, 15, 399-410	1614
70-04-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.	STEVENSON, J. M. / GASIDLO, J. M. / ROGERS, V. C. / SIMONS, G. G. / VOSBURGH, R. O.	ANL-7695	1862
70-05-00	EFFECT OF ADDING LITHIUM NITRIDE,	ANDERSON, JOHN L. / MAYO, WENDELL	N-70-26979	1863

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

HAFNIUM, TANTALUM, AND TUNGSTEN TO A FAST-SPECTRUM, MOLYBDENUM-REFLECTED CRITICAL ASSEMBLY.				
70-05-00	STUDY OF THE USE OF PULSED-NEUTRON EXPERIMENTS ON MULTIPLYING LATTICES FOR THE ADJUSTMENT OF CRITICALITY CODES	DENIZ, V.	NSENAO, 40, 246-253	1441
70-05-00	CEPFR-1-2 MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J. / WINDSOR, H. / CHANDRAMOLESHWAR, K.	BNL-RP-14 (F)	1306
70-05-00	CEPFR-1E MEASUREMENTS AND ASSEMBLY DESCRIPTION	PHELPS, J. / WINDSOR, H.	BNL-RP-12 (F)	1308
70-05-00	CEPFR-1F MEASUREMENTS AND ASSEMBLY DESCRIPTION	WINDSOR, H. / PHELPS, J. / CHANDRAMOLESHWAR, K.	BNL-RP-13 (F)	1307
70-05-00	CEPFR-1 D MEASUREMENTS AND ASSEMBLY DESCRIPTION	WINDSOR, H. / PHELPS, J.	BNL-RP-11 (F)	1309
70-06-00	PHYSICS VERIFICATION PROGRAM. PART-3, TASK 4. QUARTERLY TECHNICAL REPORT, JANUARY-MARCH 1970.	BALDWIN, M. N. / STERN, M. E.	BAW-3647-17	1905
70-06-00	STATISTICALLY SIGNIFICANT BIASES IN THE FTR NEUTRONICS MODEL.	BENNETT, R. A. / ENGSTROM, S. L. / NELSON, J. V. / YOUNG, W. R.	TANSAO, 13, 291	1921
70-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM OXIDE.	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 13, 379-380	1915
70-06-00	FAST REACTOR LATTICE EXPERIMENT FOR INVESTIGATION OF K(INF) AND REACTION RATE RATIOS IN SNEAK, ASSEMBLY 5.	BOEHNEL, K. / MEISTER, H.	EURFNR-0861	1805
70-06-00	JOINT EXPERIMENTS ON MASURCA, ERMINE, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.	CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER-HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIAKOFF, O. / VIDAL, R. / WITTEK, G.	TANSAO, 13, 292-293	1920
70-06-00	CRITICAL EXPERIMENTS IN AN MTR MOCKUP USING PHOENIX FUEL.	DAVIS, E. C. / SMITH, R. I. / WILLIAMS, L. D.	BNWL-1481	1804
70-06-00	COMPARISONS OF EXPERIMENT WITH CALCULATIONS FOR STRONGLY ABSORBING ROD LATTICES.	FOX, J. K.	TANSAO, 13, 383	1927
70-06-00	POSTANALYTICAL STUDY OF EIGHT ZPR-3 BENCHMARK CRITICALS USING ENDF/B DATA.	HESS, A. L. / PALMER, R. G. / STEVENSON, J. M.	TANSAO, 13, 288-289	1906
70-06-00	CRITICALITY MEASUREMENTS ON URANIUM METAL SOLUTION COMBINATIONS.	HUNT, D. C. / ROTHE, R. E.	TANSAO, 13, 380-381	1925
70-06-00	CRITICALITY OF URANIUM(3.85) RODS AND CYLINDRICAL ANNULI IN WATER.	JOHNSON, E. B.	TANSAO, 13, 379	1916
70-06-00	MTR-PHOENIX FUEL CRITICAL EXPERIMENTS AND ANALYSIS.	KUTCHER, J. W. / DAVIS, E. C. / HEEB, C. M.	TANSAO, 13, 245-246	1922
70-06-00	ANALYSIS OF CRITICAL EXPERIMENTS USING VERSION II OF THE EVALUATED NUCLEAR DATA FILE (ENDF/B).	LITTLE, W. W. / KIDMAN, R. B. / SCHENTER, R. E. / O'DELL, L. D. / HARDIE, R. W. / STEWART, K. B.	TANSAO, 13, 304	1918
70-06-00	AN ANALYSIS OF FOUR METAL CORES USING ENDF/B VERSION 2 DATA	LUDEWIG, H.	BNL-RP-1010	860
70-06-00	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB CYLINDER SYSTEM	TUCK, G. / CLARK, H. E.	NSENAO, 40, 407-413	1358
70-06-00	TESTING OF HETEROGENEITY METHODS USED IN FAST REACTOR CRITICAL ANALYSES BY COMPARISON WITH THEORETICAL (GEDANKEN) EXPERIMENTS.	PALMER, R. G. / PLUMMER, J. P. / NICHOLSON, R. B.	TANSAO, 13, 253	1913
70-06-00	EFFECT OF HYDROGEN CONTENT OF GRAPHITE	PALMEDO, P. F. / LUDEWIG, H. /	TANSAO, 13, 253-254	1907

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

IN FAST CRITICAL EXPERIMENTS.		ARONSON, A. L.		
70-07-00	PULSED NEUTRON DETERMINATION OF THE EFFECTIVE MULTIPLYING CONSTANT AND NEUTRON AGE TO THERMAL ENERGY FOR A BARE HOMOGENEOUS SUBCRITICAL ASSEMBLY OF ENRICHED URANYL NITRATE SALT	CHOW, R. H. / BIERMAN, S. R.	NSENAO, 41, 132-138	1442
70-08-00	PULSED-NEUTRON-SOURCE STUDIES WITH THE NASA ZERO POWER REACTOR II	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TN-D-5956	2090
70-08-00	PLUTONIUM LATTICE EXPERIMENT IN UNIFORM LATTICE OF URANIUM-DIOXIDE/1.5%-PLUTONIUM-DIOXIDE FUEL	FAIRBURN, G. T. / PETTUS, W. G. / SNIDOW, N. L.	BAW-1357	1889
70-08-05	URANIUM METAL CRITICALITY, MONTE CARLO CALCULATIONS AND NUCLEAR CRITICALITY SAFETY	THOMAS, J. T.	Y-CDC-7	1436
70-09-00	EVALUATION OF FAST CRITICAL EXPERIMENTS USING RECENT METHODS AND DATA.	KIEFHABER, E. / SCHMIDT, J. J.	EURFNR-0858	1801
70-10-00	CESAR AND CONCORDE. APPLICATION OF THE CONCORDE HEXAGONAL SYNTHESIS PROGRAM TO EXPERIMENTS ON THE CESAR CRITICAL REACTOR.	NGUYEN-NGOC, H. / CHARBONNEAU, S.	CEA-N-1276	1867
70-11-00	EXPONENTIAL EXPERIMENTS WITH LATTICES OF URANIUM-233 OXIDE AND THORIUM OXIDE IN LIGHT AND HEAVY WATER	WINDSOR, H. / TUNNEY, W. J. / PRICE, G. A.	NSENAO, 42, 150-161	1961
70-11-00	CRITICAL APPROACH AND EXPONENTIAL EXPERIMENTS WITH PROTOTYPE FFTF DRIVER FUEL PINS IN WATER.	BROWN, C. L. / ROGERS, C. A.	TANSAO, 13, 663-664	1732
70-11-00	CRITICALITY CALCULATIONS AND MEASUREMENTS ON ENRICHED URANIUM METAL-SOLUTION COMBINATIONS.	HUNT, D. C. / ROTHE, R. E.	TANSAO, 13, 662-663	1737
70-11-00	MATERIAL WORTH MEASUREMENTS IN THE BENCHMARK CRITICAL ASSEMBLY ON ZPPR.	KAISER, R. E. / NORRIS, R. J. / PAIK, N. C.	TANSAO, 13, 734-735	1741
70-11-00	PREDICTED CHARACTERISTICS WITH ACTUAL OBSERVATION FOR THE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY ZPPR-2.	KAISER, R. E. / NORRIS, R. J. / OLSON, A. P. / PAIK, N. C.	TANSAO, 13, 732	1739
70-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING RASCHIG RINGS.	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 13, 664-665	1733
70-12-16	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB-CYLINDER SYSTEM.	TUCK, G. / CLARK, H. E.	RFP-1314	1806
71-00-00	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART 1.	DABROWSKI, C. / MALEWSKI, S.	INR-1288	1814
71-01-00	ANALYSIS OF HETEROGENEITY AND SODIUM-VOID EFFECTS IN A 2700-LITER URANIUM CARBIDE FAST CORE, ZPR-6 ASSEMBLY 5.	KARAM, R. A. / MARSHALL, J. E. / DANCE, K. D.	NSENAO, 43, 005-026	1747
71-02-00	EMPIRICAL MODEL FOR SAFE PIPE INTERSECTIONS CONTAINING FISSION SOLUTION.	DICKINSON, D. / SCHUSKE, C. L.	NUTYBB, 10, 179-187	1744
71-03-00	SUMMARY OF CRITICAL-MASS CONFIGURATIONS, MATERIAL CONCENTRATIONS, AND CONTROL-ROD WORTHS FOR ZPR-9 ZONED FAST CRITICAL ASSEMBLIES 11-25.	ROBINSON, W. R. / LESAGE, L. G. / POND, R. B.	ANL-7773	1811
71-04-00	REACTOR KINETIC PARAMETERS OF LATTICES OF PLUTONIUM AND URANIUM IN WATER	UOTINEN, V. O. / LAUBY, J. H. / STINSON, W. P. / DWIVEDI, S. R.	NSENAO, 44, 66-71	1962
71-05-00	CRITICALITY OF LIQUID MIXTURES OF HIGHLY URANIUM-235 ENRICHED HEXAFLUORIDE AND HYDROFLUORIC ACID	CAIZERGUES, R. / DEILGAT, E. / LECORCHE, P. / MAUBERT, L. / REVOL, H.	Y-CDC-9	1426

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

71-05-00	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS. PART 4. ZPR-3 ASSEMBLY 56B.	ENGSTROM, S. L./ BENNETT, R. A.	HEDL-TME-71-41	1816
71-05-10	SUMMARY OF EXPERIMENTALLY DETERMINED PLUTONIUM ARRAY CRITICAL CONFIGURATIONS	FINN, H. F. / PRUVOST, N. L. / KOLAR, O. C. / PIERCE, G. A.	UCRL-51041	1817
71-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 15 AND 30 WT% PLUTONIUM.	BIERMAN, S. R./ CLAYTON, E. D.	TANSAO, 14, 040-041	1626
71-06-00	CRITICAL EXPERIMENTS WITH UNMODERATED PLUTONIUM OXIDE.	BIERMAN, S. R./ CLAYTON, E. D.	NUTYBB, 11, 185-190	1618
71-06-00	MONTE CARLO ANALYSIS OF FAST CRITICAL ASSEMBLIES USING ENDF/B I AND II DATA.	CRAMER, S. N.	TANSAO, 14, 348	1635
71-06-00	REACTIVITY MEASUREMENTS ON LARGE URANIUM-235-ALUMINUM FORMS IN WATER	CURRIE, R. L./ PARKS, P. B./ JARRIEL, J. L.	TANSAO, 14, 039-040	1625
71-06-00	FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL PROGRAM.	DAUGHTRY, J. W. / POND, R. B. / FLEISCHMAN, R. M. / SWANSON, C. S. / RUSCH, G. K. / KIER, P. H.	TANSAO, 14, 024-025	1633
71-06-00	A BASIC EXPERIMENTAL REACTOR PHYSICS PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE/WATER LATTICES	DEBRUE, J. / LEENDERS, L. / MOTTE, F. / VAN DEN BROECK, H. / DERAMAIX, P. / DE WAECH, F.	TANSAO, 14, 377-379	1637
71-06-00	CRITICAL STUDIES OF A 440-LITER FAST-REACTOR CORE FUELED WITH URANIUM ENRICHED TO 17 PERCENT (ZPR-3 ASSEMBLY 41).	HESS, A. L./ GASIDLO, J. M./ LONG, J. K./ AMUNDSON, P. I./ KEENEY, W. P.	ANL-6732	1829
71-06-00	CALCULATIONS OF FAST CRITICAL ASSEMBLIES USING LASL AND ENDF/B VERSION II DATA.	HIRONS, THOMAS J./ BATTAT, M. E.	TANSAO, 14, 348-349	1636
71-06-00	CRITICALITY ANALYSIS OF ENRICHED URANIUM METAL SPHERES UNDERGOING DISSOLUTION.	HUNT, D. C./ ROTHE, R. E.	TANSAO, 14, 038-039	1624
71-06-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.	HUNT, D. C./ BOSS, M. R.	JAABA, 25, 241-251	1642
71-06-00	MEASUREMENT AND ANALYSIS OF SPACE-DEPENDENT PARAMETERS IN A DEMONSTRATION PLANT BENCHMARK CRITICAL.	KAISER, R. E./ AMUNDSON, P. I./ FORRESTER, R. J./ NEWMARK, B.	TANSAO, 14, 019-020	1630
71-06-00	ANISOTROPIC EFFECTS IN A 4000-LITER URANIUM DIOXIDE FAST CORE, ZPR-6 ASSEMBLY 6A.	KARAM, R. A./ STANFORD, G. S./ ROBINSON, R.	TANSAO, 14, 021-022	1632
71-06-00	THE MTR-PHOENIX FUEL EXPERIMENT-CRITICAL TEST AND BURNUP RESULTS.	KUTCHER, J. W./ DAVIS, E. C.	BNWL-1593	1815
71-06-00	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATOIRES, M.	TANSAO, 14, 017-018	1628
71-06-00	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATOIRES, M. / STANFORD, G. S.	TANSAO, 14, 018-019	1629
71-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION CONTAINING SOLUBLE GADOLINIUM.	LLOYD, R. C./ CLAYTON, E. D./ HANSEN, L. E.	TANSAO, 14, 037	1622
71-06-00	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.	MENEGHETTI, D. / KEENEY, W. P. / VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	TANSAO, 14, 020-021	1631
71-06-00	NEUTRON SPECTRUM MEASUREMENTS IN A COMPACT FAST-SPECTRUM CRITICAL ASSEMBLY.	PASCHALL, R. K./ KLANN, P. G.	TANSAO, 14, 004-005	1627
71-07-00	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M.	NSNAO, 45, 37-46	1963

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

		/ POPEK, R. J. / SWANSON C. D.		
71-07-00	ANALYSIS OF CRITICAL EXPERIMENTS ON THE SORA MOCKUP BY THE S-N METHOD.	ASAOKA, R.	EUR-4676	1833
71-08-00	ADJUSTMENTS TO ENDF/B, VERSION II DATA WHICH IMPROVE THE AGREEMENT BETWEEN CALCULATED AND MEASURED PARAMETERS FOR FAST BENCHMARK CRITICAL ASSEMBLIES.	COWAN, C. L. / HUTCHINS, B. A. / TURNER, J. E.	CONF-710301, 1, 72-78	1824
71-08-00	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.	HUNTER, R. E. / CREMER, C. C. / WORLTON, D. R.	CONF-710301, 1, 58-64	1823
71-08-00	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.	PAIK, N. C. / PITTERLE, T. A. / DURSTON, C.	CONF-710301, 1, 44-50	1822
71-09-00	CRITICALITY STUDY OF NASA SOLUTION REACTORS WITH 25.4 CENTIMETER- DIAMETER CYLINDRICAL STAINLESS-STEEL TANKS	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TM-X-2381	1991
71-09-00	CRITICALITY PROBLEMS OF ACTINIDE ELEMENTS.	CLAYTON, E. D. / BIERMAN, S. R.	ACT. LAN. REV., 1, 409-432	1663
71-10-00	UNREFLECTED URANIUM-235/CARBON (RATIO OF 1 TO 182) CRITICAL ASSEMBLY	HOOGTERP, J. C. / HANSEN, G. E.	TANSAO, 14, 677-678	1656
71-10-00	CRITICALITY MEASUREMENTS ON URANIUM METAL SPHERES IMMersed IN URANIUM SOLUTION.	HUNT, D. C. / ROTHE, R. E.	NSENAO, 46, 076-087	1647
71-10-00	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF 5% URANIUM-235 ENRICHED URANYL FLUORIDE AQUEOUS SOLUTION	JOHNSON, E. B.	TANSAO, 14, 678	1646
71-10-00	A HIGHLY ENRICHED URANIUM METAL SPHERE ASSEMBLY.	MIHALCZO, J. T.	TANSAO, 14, 675-677	1655
71-10-00	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL ASSEMBLIES. PART 1. METHODS.	MUELLER, R. E. / PAGE, E. M. / KOMATA, M.	TANSAO, 14, 849-850	1649
71-10-00	CURRENT STATUS OF FAST REACTOR CRITICAL EXPERIMENTS.	NOMOTO, S. / IIJIMA, T.	NIPPON GENSHIRYOKU GAKKAISHI, 13, 582-597	1658
71-10-00	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL EXPERIMENTS. PART-2. ANALYSIS.	PAGE, E. M. / MUELLER, R. E.	TANSAO, 14, 851-852	1650
71-10-00	COMPARATIVE STUDY OF HETEROGENEITY TREATMENTS FOR ZPR PLATE CELLS.	ZOLOTAR, B. A. / SALVATOIRES, M. / BINGMAN, B. M. / LEWIS, E. E.	TANSAO, 14, 848-849	1648
71-11-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	ANL-7882	1834
71-12-00	STATIC AND PULSED REACTIVITY MEASUREMENTS ON LARGE URANIUM-235 FUEL FORMS IN WATER.	CURRIE, R. L. / PARKS, P. B. / JARRIEL, J. L.	NUTYBB, 12, 356-362	1644
72-01-00	BENCHMARK GAS CORE CRITICAL EXPERIMENT	KUNZE, J. F. / LOFTHOUSE, J. H. / COOPER, C. G.	NSENAO, 47, 59-65	1964
72-04-28	GRAPHITE AND POLYETHYLENE REFLECTED URANIUM-METAL CYLINDERS AND ANNULI	MIHALCZO, J. T.	Y-DR-081	1462
72-05-15	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS. PART-3. ARRAYS OF URANIUM(93.2) METAL SEPARATED BY VARIOUS MATERIALS.	MA6NUSON, D. W.	Y-DR-083	1838
72-06-00	INTERPRETATION OF EXPERIMENTS ON AQUEOUS PLUTONIUM NITRATE SOLUTIONS.	CAIZERGUES, R.	CEA-R-4341	1839

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

72-06-00	THE CRITICALITY OF HIGH BURNUP PLUTONIUM	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 15, 307	2029
72-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 8 AND 30 WT% PLUTONIUM	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 307-309	2030
72-06-00	THEORY-EXPERIMENT TESTS USING ENDF/B VERSION II CROSS-SECTION DATA	HANSEN, L. E. / CLAYTON, E. D.	TANSAO, 15, 309-310	2031
72-08-00	LATTICES OF PLUTONIUM-ENRICHED RODS IN LIGHT WATER--PART 1: EXPERIMENTAL RESULTS	UOTINEN, V. O. / LAUBY, J. H. / SCHMID, L. C. / STINSON, W. P.	NUTYBB, 15, 257-271	1960
72-08-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT URANIUM-235-ENRICHED URANIUM IN PARAFFIN.	RAFFETY, S. J. / MIHALCZO, J. T.	NSENAO, 48, 433-443	1669
72-11-00	CRITICAL EXPERIMENTS FOR THE BROOKHAVEN PULSED FAST REACTOR STUDY	PHELPS, J. / WINDSOR, H. / TAKAHASHI, H. / CONANT, J. / CHANDRAMOLESHWAR, K.	NSENAO, 49, 274-300	1965
72-11-00	CRITICALITY EXPERIMENTS OF LWR MIXED OXIDES AT 20 HYDROGEN:PLUTONIUM+URANIUM.	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 805-806	1673
72-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS.	LLOYD, R. C. / CLAYTON, E. D. / BIERMAN, S. R.	TANSAO, 15, 803-804	1671
72-11-20	VALIDATION CHECKS OF THE "ANISN" AND "KENO" CODES BY CORRELATION WITH EXPERIMENTAL DATA.	HANDLEY, G. R. / HOPPER, C. M.	Y-1858	1844
72-12-00	CRITICALITY OF GRAPHITE- AND POLYETHYLENE-REFLECTED URANIUM(93.2)-METAL CYLINDERS AND ANNULI	MIHALCZO, J. T.	NSENAO, 49, 489-504	1966
73-00-00	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART-2	MALEWSKI, S. / DABROWSKI, C.	INR-1456/9A/PR/A	1941
73-02-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM.	BIERMAN, S. R. / CLAYTON, E. D. / HANSEN, L. E.	NSENAO, 50, 115-126	1677
73-02-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING BORATED RASCHIG RINGS.	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 50, 127-134	1676
73-03-00	CRITICALITY SAFETY OF PIPE INTERSECTIONS FOR PLUTONIUM NITRATE SOLUTIONS.	RUECKERT, N.T. / THOMAS, W.	ATOMKERNENERGIE, 21, 197-202	1691
73-04-30	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS. PART-4. ARRAYS OF URANIUM(93.2) METAL REFLECTED BY CONCRETE AND ARRAYS SEPARATED BY VERMICULITE AND REFLECTED BY POLYETHYLENE.	MAGNUSON, D. W.	Y-DR-109	1857
73-06-00	EXPERIMENTAL CRITICALITY IN THE UNITED KINGDOM.	CHALMERS, J. H.	TANSAO, 16, 160-161	1686
73-06-00	CRITICAL LATTICE DATA IN SUPPORT OF SAFE FUEL HANDLING CRITERIA.	LACEY, P.G.	TANSAO, 16, 161	1687
73-06-00	CRITICAL MASS LABORATORY PROGRAM IN FRANCE.	LECORCHE, P.	TANSAO, 16, 158-159	1685
73-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY.	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E. / BIERMAN, S. R.	NUTYBB, 18, 225-230	1683
73-06-00	EXPERIMENTAL PROGRAMS AT THE DOW ROCKY FLATS NUCLEAR SAFETY LABORATORY.	SCHUSKE, C. L.	TANSAO, 16, 157-158	1684
73-06-00	ENRICHED URANIUM METAL-SOLUTION SYSTEMS SEPARATED BY NEUTRON POISONS.	TUCK, G. / CLARK, H. E. / ALVAREZ, D. L.	NUTYBB, 18, 216-224	1682
73-08-00	CRITICALITY OF 4% URANIUM-235 ENRICHED URANIUM URANYL FLUORIDE SOLUTIONS	LECORCHE, P. / MANGIN, D. / MAUBERT, L. / REVOL, H.	CEA-N-1649	1692

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

73-10-00	MOVABLE-MOLYBDENUM-REFLECTOR REACTIVITY EXPERIMENTS FOR CONTROL STUDIES OF COMPACT SPACE POWER REACTOR CONCEPTS	FOX, T. A.	NASA-TM-X-2922	2089
73-10-00	ANALYSIS OF THE PHYSICAL PARAMETERS OF THE ANNA CRITICAL ASSEMBLY	DABROWSKI, C. / MALEWSKI, S.	NUKLEONIKA, 18, 474-494	1534
73-11-00	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG PAIRS CONTAINING 1.1 WT% URANIUM-235	SMOTREL, J. R.	DP-MS-73-41	1694
73-11-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES	BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 265	1521
73-11-00	MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239	CLARK, H. K.	TANSAO, 17, 278-279	1527
73-11-00	MONTE CARLO ANALYSIS OF EXPERIMENTALLY CRITICAL PIPE INTERSECTIONS	CROSS, N. F. / WHITESIDES, G. E. / HINTON, R. J.	TANSAO, 17, 268	1524
73-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS CONTAINING 30 WT% PLUTONIUM	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 269-270	1526
73-11-00	ARRAY CRITICAL EXPERIMENTS WITH MATERIALS USED IN SHIPPING CONTAINERS	MAGNUSON, D. W.	TANSAO, 17, 265-266	1522
73-11-00	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER	RICHEY, C. R.	TANSAO, 17, 279-280	1528
73-11-00	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG PAIRS CONTAINING 1.1 WT% ENRICHED URANIUM	SMOTREL, J. R.	TANSAO, 17, 266-267	1523
73-11-00	CRITICAL THREE-DIMENSIONAL ARRAYS OF URANIUM(93.2)-METAL CYLINDERS	THOMAS, J. T.	NSENAO, 52, 350-359	1520
73-11-30	CRITICAL EXPERIMENTS WITH ENRICHED URANIUM DIOXIDE	MAGNUSON, D. W.	Y-DR-120	1700
73-12-00	MEASUREMENT OF THE CRITICAL SIZE OF SOLUTIONS OF PLUTONIUM AND NATURAL URANIUM NITRATES WITH PLUTONIUM/URANIUM RATIO OF 0.3	LANE, R. C. / PARKER, C.	AWRE-0-58/73	1696
74-00-00	CRITICALITY EXPERIMENTS AND DATA; NUCLEAR CRITICALITY SAFETY	PAXTON, H. C.	TID-26286, 34-55	1551
74-01-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES	BIERMAN, S. R. / CLAYTON, E. D.	BNWL-B-338	1705
74-03-00	PHYSICS INVESTIGATIONS OF TWO PLUTONIUM-FUELED FAST CRITICAL ASSEMBLIES: SNEAK-7A AND 7B	FISCHER, E. A. / MC GRATH, P. E.	EURFNR-1193	1708
74-03-00	BARE 93%-ENRICHED-URANIUM-CARBON(170) ASSEMBLY	HOOGERP, J. C. / HANSEN, G. E. / PAXTON, H. C.	LA-4798-MS	1703
74-04-00	EVALUATION AND ANALYSIS OF ZPPR ASSEMBLY 3 CRITICAL EXPERIMENTS	STEWART, S. L. / HARTMAN, A. K. / CRICK, S. C.	GEAP-14001	1704
74-06-00	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM,URANIUM)DIOXIDE FUEL RODS	BROWN, C. L.	BNWL-SA-4935	1701
74-06-00	INTERIM REPORT ON THE VERA URANIUM-235/GRAPHITE REACTOR EXPERIMENT	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	AWRE-R4/63	301
74-06-00	STATUS OF CRITICALITY DATA AND EXPERIMENTS ON HOMOGENEOUS SYSTEMS OF PLUTONIUM-URANIUM	BIERMAN, S. R.	TANSAO, 18, 160-161	1538
74-06-00	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM,URANIUM)DIOXIDE FUEL RODS	BROWN, C. L.	TANSAO, 18, 161-164	1539

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

74-06-00	FAST-THERMAL CRITICAL ASSEMBLY P-ANNA-1	ADAMSKI, L. / BUKOWSKI, K.	NUKLEONIKA, 19, 565-574	1549
74-06-00	CALCULATION-EXPERIMENT CORRELATIONS ON HOMOGENEOUS PLUTONIUM-URANIUM SYSTEMS	HALL, R. J. / BIERMAN, S. R.	TANSAO, 18, 164-165	1540
74-06-00	CRITICALITY OF URANIUM-DIOXIDE/PLUTONIUM- DIOXIDE SOLIDS IN FISSILE SOLUTION	LLOYD, R. C.	TANSAO, 18, 165-166	1541
74-06-13	VALIDATION OF THE KENO CODE FOR NUCLEAR CRITICALITY SAFETY CALCULATIONS OF MODERATED, LOW-ENRICHED URANIUM SYSTEMS	HANDLEY, G. R. / HOPPER, C. M.	Y-1948	1702
74-07-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM OXIDE -- PLUTONIUM OXIDE SOLIDS IN FISSILE SOLUTION CONTAINING GADOLINIUM NITRATE	LLOYD, R. C. / CLAYTON, E. D.	BNWL-SA-5100	1707
74-07-00	CALCULATIONS ON RASCHIG-RING-POISONED PLUTONIUM SOLUTIONS SYSTEMS USING HANSEN- -ROACH CROSS SECTIONS	LLOYD, R. C.	NSENAO, 54, 367-368	1545
74-07-00	EFFECT OF POSITION IN THE CRITICALITY OF URANIUM SPHERES IN URANIUM SOLUTION CYLINDERS	ROTHER, R. E. / HUNT, D. C.	NSENAO, 54, 360-366	1544
74-09-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER--CADMIUM PLATES	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 058-066	1547
74-09-00	CRITICALITY OF PLUTONIUM-URANIUM MIXTURES CONTAINING 5 TO 8 WT% PLUTONIUM	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 051-057	1548
74-10-00	MEASUREMENTS AT THE CRITICAL FACILITY FOR THE IN-CORE THERMIONIC REACTOR AND COMPARISON WITH CALCULATIONS	BLOSER, M. / KIRCH, N. / KRINGS, F. J. / NASEBAND, F. J. / PAUL, N.	NSENAO, 55, 129-146	1550
74-10-00	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER	RICHEY, C. R.	NSENAO, 55, 244-248	1447
74-10-31	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF AQUEOUS URANYL FLUORIDE SOLUTIONS	JOHNSON, E. B.	Y-DR-129	1711
74-11-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM DIOXIDE/PLUTONIUM DIOXIDE SOLIDS IN FISSILE SOLUTION CONTAINING GADOLINIUM NITRATE	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 19, 183-184	1552
74-11-00	CRITICALITY OF PERIODICALLY BORON- POISONED ENRICHED-URANIUM-SOLUTION SYSTEMS	ROTHER, R. E.	TANSAO, 19, 187-188	1555
74-11-00	EXPERIMENTAL MEASUREMENTS WITH ARRAYS OF URANIUM(97.7)-HEXAFLUORIDE NEUTRON- COUPLED THROUGH CONCRETE	THOMAS, J. T.	TANSAO, 19, 199-200	1556
74-12-00	CRITICALITY CALCULATIONS FOR PLUTONIUM- DIOXIDE/URANIUM-DIOXIDE/WATER MIXTURES USING ENDF/B VERSION III CROSS SECTION DATA AND 123 GROUP XSRDRN TRANSPORT CODE	MAGNUSON, D. W.	ORNL-TM-4767	1710
75-01-00	CRITICALITY DESIGN OF A LARGE-CAPACITY PLUTONIUM MELTING CRUCIBLE	SCHUSKE, C. L. / DICKINSON, D.	NUTYBB, 25, 072-083	1558
75-02-00	CRITICALITY EVALUATION OF THE ACPR FUEL- ELEMENT STORAGE RACK	ESTES, B. F. / MORRIS, F. M. / PHILBIN, J. S.	SLA-74-0271	1712
75-03-00	THE CRITICALITY OF PERIODICALLY BORON- POISONED URANIUM SOLUTION SYSTEMS	ROTHER, R. E. / ALVAREZ, D. L. / CLARK, H. E.	NUTYBB, 25, 502-516	1559
75-05-00	RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY	BERNARD, W. / HELMICK, H. H. / JARVIS, G. A. / PLASSMANN, E. A. / WHITE, R. H.	LA-5971-MS	1720

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
INDEX ORDERED BY DATE**

75-06-00	A TUNGSTEN-CARBIDE CRITICAL ASSEMBLY	HANSEN, G. E. / PAXTON, H. C.	LA-5946-MS	1719
75-06-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTION CONTAINING GLASS RASCHIG RINGS	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 21, 236-237	1564
75-07-00	CRITICAL EXPERIMENTS-BENCHMARKS (PLUTONIUM-URANIUM SYSTEMS)	BIERMAN, S. R.	NUTYBB, 26, 352-381	1569
75-07-00	REFLECTOR-MODERATED CRITICAL ASSEMBLIES	PAXTON, H. C. / JARVIS, G. A. / BYERS, C. C.	LA-5963	1721
75-08-00	EXPERIMENTAL AND THEORETICAL STUDIES OF CRITICALITY SAFETY BY INGRESS OF WATER IN SYSTEMS WITH PEBBLE-BED HIGH-TEMPERATURE GAS-COOLED REACTOR FUEL	DRUEKE, V. / FILGES, S. / KIRCH, N. / NEEF, R. D.	NSENAO, 57, 328-332	1572
75-11-00	EFFECT OF GADOLINIUM ON CRITICALITY OF URANIUM + PLUTONIUM SOLUTIONS	LLOYD, R. C.	TANSAO, 22, 292	1577
75-11-00	BENCHMARK TESTING USING ENDF/B-III AND -IV	MC KNIGHT, R.D.	TANSAO, 22, 723-724	1584
75-11-00	LOS ALAMOS CRITICAL-MASS DATA	PAXTON, H. C.	LA-3067-MS(REV.)	1727
75-11-00	SUBCRITICAL MEASUREMENTS WITH IRRADIATED AND UNIRRADIATED URANIUM METAL FUEL ELEMENTS	TOFFER, H. / NIELSEN, L. A.	TANSAO, 22, 292-295	1583
75-11-00	A 218 NEUTRON GROUP MASTER CROSS SECTION LIBRARY FOR CRITICALITY SAFETY STUDIES	FORD, W. E. / WESTFALL, R. M. / WEBSTER, C. C.	TANSAO, 22, 290-291	1724
76-01-00	CRITICALITY SAFETY DATA APPLICABLE TO PROCESSING LIQUID-METAL FAST BREEDER REACTOR FUEL	LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 59, 021-026	1574
76-01-00	COMPARISON OF HANSEN--ROACH AND ENDF/B-IV CROSS SECTIONS FOR URANIUM CRITICALITY CALCULATIONS	MC NEANY, S. R. / JENKINS, J. D.	ORNL-TM-5113	1728
76-01-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JULY 1, 1975 THROUGH DECEMBER 31, 1975)	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2481	1433
76-02-00	PROGRESS REPORT ON PLUTONIUM CRITICALITY STUDIES	CLAYTON, E. D.	BNWL-B-468	1429
76-02-00	SAFETY ANALYSIS OF THE LOS ALAMOS CRITICAL EXPERIMENTS FACILITY	PAXTON, H. C.	LA-6206, VOL I	1432
76-04-00	LIVERMORE PLUTONIUM ARRAY PROGRAM: EXPERIMENTS AND CALCULATIONS	KOLAR, O. C. / FINN, H. F. / PRUVOST, N. L.	NUTYBB, 29, 057-072	1587
76-04-00	SUMMARY OF CRITICALITY DATA OBTAINED AT BATTELLE PACIFIC NORTHWEST LABORATORIES ON FIXED AND SOLUBLE POISONS IN URANIUM + PLUTONIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D.	BNWL-B-482	1588
76-04-00	CLEAN CRITICAL EXPERIMENT BENCHMARKS FOR PLUTONIUM RECYCLE IN LWR'S. VOLUME I. FINAL REPORT	SMITH, R. I. / KONZEK, G. J.	PB-255728	1936
76-05-00	CALCULATED LIMITING CRITICAL CONCENTRATIONS OF PLUTONIUM IN NATURAL URANIUM AND WATER	MAGNUSON, D. W.	ORNL/TM-5443	1430
76-05-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JANUARY 1, 1976--MARCH 31, 1976	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / SHEETS, W. R.	RFP-NUREG-2517	1606
76-06-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS	LLOYD, R. C. / CLAYTON, E. D. /	NSENAO, 60, 143-146	1502
76-06-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8 AND 15 WT%	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 23, 235-237	1613

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

PLUTONIUM

76-06-00	EFFECT OF BORON AND GADOLINIUM ON THE CRITICALITY OF PLUTONIUM-URANIUM SYSTEMS	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 23, 234-235	1612
76-06-00	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES AND COMMENTS ON THE CURRENT EXPERIMENTS PROGRAM	SCHUSKE, C. L.	TANSAO, 23, 230	1608
76-07-00	THE CRITICALITY OF HETEROGENEOUS LATTICES OF EXPERIMENTAL BERYLLIUM OXIDE REACTOR FUEL PINS IN WATER AND IN AQUEOUS SOLUTIONS CONTAINING BORON AND URANYL NITRATE	JOHNSON, E. B.	ORNL/ENG-2	1439
76-07-00	CALCULATION OF FOURTEEN PLUTONIUM-URANIUM CRITICAL EXPERIMENT BENCHMARKS USING KENO AND SU-HAMMER	KELLER, N. A.	AECL-5539	1944
76-07-00	VALIDATION OF THE KENO AND SU-HAMMER CODES FOR PLUTONIUM SYSTEMS	KELLER, N. A.	AECL-5535	1943
76-08-00	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES	SCHUSKE, C. L. / PAXTON, H. C.	NUTYBB, 30, 101-137	1602
76-08-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, APRIL 1, 1976--JUNE 30, 1976	SCHUSKE, C. L. / DICKINSON, D. / ROTHE, R. E.	RFP-NUREG-2555	1607
76-09-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS (19% PLUTONIUM-240)	COLOMB, G. / MANGIN, D. / MAUBERT, L.	CEA-N-1898	1935
76-10-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTH OF MATERIALS COMMONLY ENCOUNTERED AS FIXED NEUTRON POISONS	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	BNWL-2129	1503
76-10-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JULY 1, 1976--SEPTEMBER 30, 1976	SCHUSKE, C. L. / ROTHE, R. E.	RFP-NUREG-2582	1511
76-11-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 61, 370-376	1453
76-11-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTH OF MATERIALS COMMONLY ENCOUNTERED AS FIXED-NEUTRON POISONS	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	TANSAO, 24, 209-210	1517
76-11-00	CRITICALITY STUDIES OF A NEUTRON MULTIPLIER	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	TANSAO, 24, 123-125	1940
76-12-00	HIGH- PLUTONIUM-240 SECTOR EXPERIMENTS IN ZPPR ASSEMBLY 4	MC FARLANE, H. F. / BECK, C. L.	ANL-76-112	1942
77-00-00	EXPERIMENTAL CRITICALITY SPECIFICATIONS, AN ANNOTATED BIBLIOGRAPHY THROUGH 1976	PAXTON, H. C.	LA-UR-77-684	1460
77-01-00	INTEGRAL MEASUREMENTS OF THE EFFECTIVE DELAYED NEUTRON FRACTIONS IN THE FAST CRITICAL ASSEMBLY SNEAK	FISCHER, E. A.	NSENAO, 62, 105-116	1508
77-02-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, OCTOBER 1, 1976--DECEMBER 31, 1976	SCHUSKE, C. L. / DICKINSON, D. / ROTHE, R. E. / OH, I. / GAYLORD, N. D.	RFP-NUREG-2622	1939
77-05-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1977, THROUGH MARCH 31, 1977)	SCHUSKE, C. L. / DICKINSON, D. / GAYLORD, N. D. / OH, I. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2660	1434
77-09-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD APRIL 1, 1977, THROUGH JUNE 30, 1977)	DICKINSON, D. / GAYLORD, N. D. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2690	1435
77-10-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER	BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	PNL-2438	2094

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS INDEX ORDERED BY DATE

WITH FIXED NEUTRON POISONS

77-10-00	ANALYSIS OF HOMOGENEOUS URANIUM-233 AND URANIUM-235 CRITICAL ASSEMBLIES WITH ENDF/B-IV DATA	ULLO, J. J. / HARDY, J.	WAPD-TM-1299	2113
77-11-00	VALIDATION OF CRITICALITY SAFETY BROAD-GROUP LIBRARY USING URANIUM SYSTEMS	CROSS, N. F. / WESTFALL, R. M. / TURNBULL, K. R. / FOX, P. B.	TANSAO, 27, 406-407	1466
77-11-00	CRITICAL MEASUREMENTS OF A WATER-REFLECTED ENRICHED URANIUM SPHERE	BYERS, C. C. / KOELLING, J. J. / HANSEN, G. E. / SMITH, D. R. / DYER, H. R.	TANSAO, 27, 412-413	2086
77-11-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 422-424	1456
77-11-00	BENCHMARK CALCULATIONS FOR SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 424-425	1457
77-11-00	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER	PELLARIN, D. J. / JARRIEL, J. L.	TANSAO, 27, 413-415	1454
77-11-27	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER	PELLARIN, D. J. / JARRIEL, J. L.	DP-MS-77-49	1455
78-03-00	HANDBOOK OF CRITICAL EXPERIMENTS BENCHMARKS	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	PNL-2700	2109
78-04-00	BENCHMARK CRITICAL EXPERIMENTS ON HIGH-ENRICHED URANYL NITRATE SOLUTION SYSTEMS	ROTHER, R. E. / OH, I.	RFP-2710	2095
78-05-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 4.29 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	NUREG/CR-0073	2112
78-06-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1978, THROUGH MARCH 31, 1978)	OH, I. / PECORA, D. / ROTHER, R. E.	RFP-2795	2111
78-06-00	BENCHMARK EXPERIMENTS TO TEST PLUTONIUM AND STAINLESS STEEL CROSS SECTIONS	JENQUIN, U. P. / BIERMAN, S. R.	PNL-2273	2110

**LOOKUP TABLES:
EXPERIMENTAL FACILITY**

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

BIBLIOGRAPHIC INFORMATION

1431	SCOTT, RAYMOND L.	TID-03533	59-08-00	CRITICALITY STUDIES (A LITERATURE SEARCH)
1427	BOST, WILLIAM E.	TID-03571	62-04-00	FAST NEUTRON PULSE REACTORS AND FAST NEUTRON CRITICAL ASSEMBLIES (A LITERATURE SEARCH)
2114	FURNISH, JEAN	LA-3791	67-04-13	THE DATA OF NUCLEAR REACTOR PHYSICS. A BIBLIOGRAPHY
1878	FURNISH, JEAN	LA-4225	69-09-17	THE DATA OF NUCLEAR REACTOR PHYSICS, 1967--1968. A BIBLIOGRAPHY.
1460	PAXTON, H. C.	LA-UR-77-684	77-00-00	EXPERIMENTAL CRITICALITY SPECIFICATIONS, AN ANNOTATED BIBLIOGRAPHY THROUGH 1976

GENERAL DESCRIPTIONS OF LABORATORIES OR COMPILATIONS OF EXPERIMENTS

325	CALLIHAN, A. D. / MORFITT, J. W. / THOMAS, J. T.	GENEVA-1, 05, 145-155	55-08-00	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES
289	CALLIHAN, A. D.	NUEGA 01	56-00-00	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES
806	WOODCOCK, E. R.	AHSB-17	59-06-00	CRITICAL ASSEMBLIES OF INFINITE SLABS OF HIGHLY ENRICHED URANIUM AND WATER
184	PAXTON, H. C.	LAMS-2537	61-03-00	CORRELATIONS OF EXPERIMENTAL AND THEORETICAL CRITICAL DATA
403	LOEWENSTEIN, W. B. / MENEGHETTI, D.	IAEA-VIENNA-1961, 415-434	61-08-00	INTEGRAL PHYSICS DATA FOR FAST-REACTOR DESIGN
340	CALLIHAN, A. D.	ENEA-KARLS.-1961, 589-614	61-11-00	EXPERIMENTS FOR CRITICALITY CONTROL, IN CRITICALITY CONTROL IN CHEMICAL AND METALLURGICAL PLANT
1440	CLAYTON, E. D.	ENEA-KARLS.-1961, 367-392	61-11-00	NUCLEAR SAFETY IN CHEMICAL AND METALLURGICAL PROCESSING OF PLUTONIUM
706	KAPLAN, I.	MITNE-25	62-08-15	MEASUREMENTS OF REACTOR PARAMETERS IN SUBCRITICAL AND CRITICAL ASSEMBLIES - A REVIEW
50	PAXTON, H. C. / THOMAS, J. T. / CALLIHAN, A. D. / JOHNSON, E. B.	TID-07028	64-06-00	CRITICAL DIMENSIONS OF SYSTEMS CONTAINING URANIUM-235, PLUTONIUM-239, AND URANIUM-233
1876	BONALUMI, R. / ZORZOLI, G. B.	CISE-R-101	64-09-00	URANIUM METAL-HEAVY WATER LATTICES- A GENERAL SURVEY. TOPICAL REPORT NO. 3.
1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124-136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS
490	CHALMERS, J. H. / WALKER, G. / PUGH, J.	AHSB(S) HANDBOOK-1	65-00-00	HANDBOOK OF CRITICALITY DATA, VOLUME I
40	CHALMERS, J. H. / ABBEY, F.	AHSB(S) HANDBOOK-5, PART-1	67-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA (PART-1, CHAPTERS 1 - 4)
444	BENNETT, R. A. / HOFMANN, P. L.	BNWL-0490	67-06-20	RATIONALE AND PLANS FOR THE FTR CRITICAL EXPERIMENTS PROGRAM

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

GENERAL DESCRIPTIONS OF LABORATORIES OR COMPILATIONS OF EXPERIMENTS				(CONTD.)
16	CHALMERS, J. H.	AHSB(S) HANDBOOK-5, PART-2	68-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA.. (PART-2, CHAPTERS 5 AND 6),
258	CHALMERS, J. H.	AHSB(S) HANDBOOK-5, PART-3	68-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA PART 3
1663	CLAYTON, E. D./ BIERMAN, S. R.	ACT. LAN. REV., 1, 409-432	71-09-00	CRITICALITY PROBLEMS OF ACTINIDE ELEMENTS.
1608	SCHUSKE, C. L.	TANSAO, 23, 230	76-06-00	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES AND COMMENTS ON THE CURRENT EXPERIMENTS PROGRAM
1602	SCHUSKE, C. L. / PAXTON, H. C.	NUTYBB, 30, 101-137	76-08-00	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES
2109	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	PNL-2700	78-03-00	HANDBOOK OF CRITICAL EXPERIMENTS BENCHMARKS
2110	JENQUIN, U. P. / BIERMAN, S. R.	PNL-2273	78-06-00	BENCHMARK EXPERIMENTS TO TEST PLUTONIUM AND STAINLESS STEEL CROSS SECTIONS
GENERAL COMPILATIONS OF CALCULATIONS OF EXPERIMENTS				
1938	CLARK, H. K.	DP-059	54-11-00	ONE-GROUP ANALYSIS OF CRITICALITY EXPERIMENTS
694	CLARK, H. K.	DP-312	58-11-00	INTERACTION OF SUBCRITICAL COMPONENTS
1469	LOEWENSTEIN, W. B. / MENEGETTI, D.	ANL-6382	61-07-00	A DESCRIPTION OF INTEGRAL PHYSICS DATA FOR FAST REACTOR DESIGN
1273	BENZI, V./ CUPINI, E./ DE MATTEIS, A.	JAABA, 20, 017-024	65-06-10	A MONTE CARLO ANALYSIS OF SOME ENRICHED URANIUM-235 FAST CRITICAL ASSEMBLIES
515	STRAWBRIDGE, L. E./ BARRY, R. F.	NSENAO, 23, 058-073	65-09-00	CRITICALITY CALCULATIONS FOR UNIFORM WATER-MODERATED LATTICES
1177	STRATTON, W. R.	LA-DC-8386	66-00-00	CORRELATIONS OF EXPERIMENTS AND CALCULATIONS
927	BENZI, V./ CUPINI, E./ DE MATTEIS, A.	ANL-7320, 278-298	66-10-10	MONTE CARLO ANALYSIS OF SMALL FAST CRITICAL ASSEMBLIES
491	BLAINE, R./ FROELICH, R. / GREENSPAN, H./ LATHROP, K./ TURNER, W./ VONDY, D./ WACHSPRESS, E.	ANL-7416	68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY
1260	HANSEN, L. E./ CLAYTON, E. D./ LLOYD, R. C./ BIERMAN, S. R./ JOHNSON, R. D.	NUAPA, 06, 371-380	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS
1794	KIEFHABER, E./ KUESTERS, H./ SCHMIDT, J. J./ BACHMANN, H./ KRIEG, B./ STEIN, E./ THIEM, D./ WAGNER, K./ HINKELMANN, B./ SIEP, I.	CONF-690634, 094-100	69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.
1795	BARRE, J. Y./ HEINDLER, M./ LACAPELLE, T./ RAVIER, J.	CONF-690634, 165-179	69-06-24	LESSONS DRAWN FROM INTEGRAL EXPERIMENTS ON A SET OF MULTIGROUP CROSS SECTIONS.
1317	EICH, W. J.	WCAP-7365	69-10-00	A STATUS REPORT FOR THE CURRENT EVALUATION OF MODIFIED ENDF/B REPRESENTATIONS FOR THE ISOTOPES OF PLUTONIUM - 239, 240, 241, AND 242

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

GENERAL COMPILATIONS OF CALCULATIONS OF EXPERIMENTS (CONTD.)

1391	DAVEY, W. G. / HESS, A. L.	TANSAO, 12, 717-718	69-11-00	VALIDITY OF FAST-CRITICAL EXPERIMENTS AS INTEGRAL TESTS OF ENDF/B
860	LUDEWIG, H.	BNL-RP-1010	70-06-00	AN ANALYSIS OF FOUR METAL CORES USING ENDF/B VERSION 2 DATA
1436	THOMAS, J. T.	Y-CDC-7	70-08-05	URANIUM METAL CRITICALITY, MONTE CARLO CALCULATIONS AND NUCLEAR CRITICALITY SAFETY
1824	COWAN, C. L. / HUTCHINS, B. A. / TURNER, J. E.	CONF-710301, 1, 72-78	71-08-00	ADJUSTMENTS TO ENDF/B, VERSION II DATA WHICH IMPROVE THE AGREEMENT BETWEEN CALCULATED AND MEASURED PARAMETERS FOR FAST BENCHMARK CRITICAL ASSEMBLIES.
2031	HANSEN, L. E. / CLAYTON, E. D.	TANSAO, 15, 309-310	72-06-00	THEORY-EXPERIMENT TESTS USING ENDF/B VERSION II CROSS-SECTION DATA
1844	HANDLEY, G. R. / HOPPER, C. M.	Y-1858	72-11-20	VALIDATION CHECKS OF THE "ANISN" AND "KENO" CODES BY CORRELATION WITH EXPERIMENTAL DATA.
1539	BROWN, C. L.	TANSAO, 18, 161-164	74-06-00	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM, URANIUM) DIOXIDE FUEL RODS
1540	HALL, R. J. / BIERMAN, S. R.	TANSAO, 18, 164-165	74-06-00	CALCULATION-EXPERIMENT CORRELATIONS ON HOMOGENEOUS PLUTONIUM-URANIUM SYSTEMS
1701	BROWN, C. L.	BNWL-SA-4935	74-06-00	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM, URANIUM) DIOXIDE FUEL RODS
1702	HANDLEY, G. R. / HOPPER, C. M.	Y-1948	74-06-13	VALIDATION OF THE KENO CODE FOR NUCLEAR CRITICALITY SAFETY CALCULATIONS OF MODERATED, LOW-ENRICHED URANIUM SYSTEMS
1569	BIERMAN, S. R.	NUTYBB, 26, 352-381	75-07-00	CRITICAL EXPERIMENTS-BENCHMARKS (PLUTONIUM-URANIUM SYSTEMS)
1728	MC NEANY, S. R. / JENKINS, J. D.	ORNL-TM-5113	76-01-00	COMPARISON OF HANSEN-ROACH AND ENDF/B-IV CROSS SECTIONS FOR URANIUM CRITICALITY CALCULATIONS
1944	KELLER, N. A.	AECL-5539	76-07-00	CALCULATION OF FOURTEEN PLUTONIUM-URANIUM CRITICAL EXPERIMENT BENCHMARKS USING KENO AND SU-HAMMER
2113	ULLO, J. J. / HARDY, J.	WAPD-TM-1299	77-10-00	ANALYSIS OF HOMOGENEOUS URANIUM-233 AND URANIUM-235 CRITICAL ASSEMBLIES WITH ENDF/B-IV DATA
1466	CROSS, N. F. / WESTFALL, R. M. / TURNBULL, K. R. / FOX, P. B.	TANSAO, 27, 406-407	77-11-00	VALIDATION OF CRITICALITY SAFETY BROAD-GROUP LIBRARY USING URANIUM SYSTEMS

AEROJET GENERAL NUCLEONICS - GAS COOLED REACTOR

748	QUILICI, R. E.	IDO-28631	65-01-00	ARMY GAS COOLED REACTOR SYSTEMS PROGRAM SUMMARY OF NUCLEAR PHYSICS EXPERIMENTS
-----	----------------	-----------	----------	--

AEROJET NUCLEAR CORPORATION - GAS CORE CRITICAL EXPERIMENT

1964	KUNZE, J. F. / LOFTHOUSE, J. H. / COOPER, C. G.	NSEAO, 47, 59-65	72-01-00	BENCHMARK GAS CORE CRITICAL EXPERIMENT
------	---	------------------	----------	--

ALCO PRODUCTS, INC. - ARMY PACKAGE POWER REACTOR

2065	GALLAGHER, J. G. / GIESLER, H. W. / JOHNSON, W. R.	APAE-MEMO-001	55-09-23	CRITICAL MASS CALCULATION FOR APPR-1 CRITICAL EXPERIMENT
------	--	---------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ALCO PRODUCTS, INC. - ARMY PACKAGE POWER REACTOR (CONTD.)

2066	GIESLER, H. W.	APAE-MEMO-061	56-11-07	RESULTS AND ANALYSIS OF THE APPR-1 ZERO POWER EXPERIMENTS. PART 1
2064	NOAKS, J. W. / JOHNSON, W. R.	APAE-08	57-02-08	ARMY PACKAGE POWER REACTOR ZERO POWER EXPERIMENTS (ZPE-1)
2055	NOAKS, J. W.	APAE-36	58-07-16	THE ALCO PRODUCTS, INC. CRITICALITY FACILITY. DESCRIPTION AND OPERATION
1047	MC COOL, W. J. / ROBINSON, R. A. / SCHRADER, E. W. / WEISS, S. H.	NSENAO, 09, 047-054	61-01-00	SM-2 FLEXIBLE CRITICAL EXPERIMENTS

ALLIS-CHALMERS CRITICAL FACILITY - PATHFINDER NUCLEAR POWER PLANT

850	HARTFIELD, R. A. / FINN, H. F. / NEWHOLD, R. J. / VOLLMER, R. H.	TANSAO, 03, 109	60-06-00	CRITICAL EXPERIMENTS IN SLAB GEOMETRIES
-----	--	-----------------	----------	---

AMF - PRESSURE TUBE REACTOR

2006	POWELL, R. R. / WILLIAMS, P. M.	TANSAO, 04, 304-305	61-11-00	PRESSURE TUBE REACTOR CRITICAL EXPERIMENT
------	---------------------------------	---------------------	----------	---

ARGONNE NATIONAL LABORATORY - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

1452	MARTENS, F. H.	ANL-5379	55-11-00	THE FAST EXPONENTIAL EXPERIMENT
1791	TILL, C. E. / DAVEY, W. G. / LEWIS, R. A. / PALMER, R. G.	CONF-690634, 040-049	69-06-24	ARGONNE NATIONAL LABORATORY CRITICAL EXPERIMENT PROGRAM.

ARGONNE NATIONAL LABORATORY - AARR (ARGONNE ADVANCE RESEARCH REACTOR)

1875	PLUMLEE, K. E. / DAUGHTRY, J. W. / JOHNSON, T. W. / ROBINSON, W. R. / SCHULTZ, R. A. / STANFORD, G. S.	ANL-7483	69-02-00	ARGONNE ADVANCED RESEARCH REACTOR CRITICAL EXPERIMENTS.
------	--	----------	----------	---

ARGONNE NATIONAL LABORATORY - ARGONNE HIGH FLUX REACTOR

1495	DE VILLIERS, J. W. L. / BAIRD, O. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A
1497	JULIANO, J. O. / KELBER, C. N. / PLUMLEE, K. E.	TANSAO, 04, 110-111	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART B

ARGONNE NATIONAL LABORATORY - EBR-II

461	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKER, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	ANL-6299	61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS
-----	--	----------	----------	--

ARGONNE NATIONAL LABORATORY - FAST EXPONENTIAL EXPERIMENT

1954	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342-346	55-08-00	THE FAST EXPONENTIAL EXPERIMENTS
------	--	-----------------------	----------	----------------------------------

ALL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY - FERMI PILE (CP-1)

1450	SNELL, A. H. / BROLLEY, J. E. / LEVINGER, J. S. / WILKINSON, R.	CF-0589	43-04-17	STUDIES IN A FIVE TON METAL PILE
1451	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL
1449	FERMI, E.	AECD-3269	52-01-04	EXPERIMENTAL PRODUCTION OF A DIVERGENT CHAIN REACTION

ARGONNE NATIONAL LABORATORY - HIGH CONVERSION CRITICAL EXPERIMENT

843	BOYNTON, A. R.	TANSAO, 08, 249	65-06-00	EXPERIMENTAL THERMAL DISADVANTAGE FACTORS IN SOME VERY UNDERMODERATED 3 PERCENT ENRICHED WATER - URANIUM OXIDE LATTICES
821	BOYNTON, A. R. / PLUMLEE, K. E. / REDMAN, W. C. / ROBINSON, W. R. / STANFORD, G. S.	ANL-7110, 082-084	65-12-00	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT
892	BOYNTON, A. R. / PENNINGTON, E. M.	TANSAO, 09, 129	66-06-00	CRITICAL EXPERIMENTS AND CALCULATIONS IN SOME VERY UNDERMODERATED, SLIGHTLY ENRICHED, URANIUM OXIDE/WATER LATTICES

ARGONNE NATIONAL LABORATORY - THORIUM DIOXIDE - URANIUM HEAVY WATER

465	ARMSTRONG, J. W. / BEIDELMAN, J. A. / KAUFMANN, S. G. / PLUMLEE, K. E.	TANSAO, 01, 1, 098-099	58-06-00	EXPERIMENTS WITH THORIA-URANIA-DEUTERIUM OXIDE WATER CRITICALS
464	REDMAN, W. C. / THIE, J. A.	GENEVA-2, 12, 402-413	58-09-00	PROPERTIES OF EXPONENTIAL AND CRITICAL SYSTEMS OF THORIA-URANIA AND HEAVY WATER AND APPLICATION TO REACTOR DESIGN
466	REDMAN, W. C. / KAUFMANN, S. G. / PLUMLEE, K. E. / BAIRD, Q. L.	ANL-6378	61-12-00	CRITICAL EXPERIMENTS WITH THORIA-URANIA FUEL IN HEAVY WATER

ARGONNE NATIONAL LABORATORY - URANIUM - HEAVY WATER EXPONENTIAL LATTICES

1953	COHEN, E. R.	GENEVA-1, 05, 268-278	55-08-00	EXPONENTIAL EXPERIMENTS ON DEUTERIUM-OXIDE--URANIUM LATTICES
------	--------------	-----------------------	----------	--

ARGONNE NATIONAL LABORATORY - ZPR-1

2072	MARTENS, F. H.	TID-10020	54-03-00	EXPERIMENTS ON ZERO POWER REACTOR (ZPR-1). PART III
------	----------------	-----------	----------	---

ARGONNE NATIONAL LABORATORY - ZPR-5

2088	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5
1063	FISCHER, G. J.	NSENAO, 07, 355-362	60-04-00	NEUTRON ENERGY SPECTRUM MEASUREMENTS IN UNMODERATED ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY - ZPR-6

397	KATO, W. Y. / DATES, L. R.	IAEA-VIENNA-1961, 295-312	61-08-00	DESIGN AND CONSTRUCTION OF THE ARGONNE FAST CRITICAL FACILITY (ZPR-6)
833	RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)
923	RUSCH, G. K. / KARAM, R. A. / KATO, W. Y. / MAIN, G. W.	ANL-7320, 231-236	66-10-10	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM CARBIDE CORES
936	HELM, F. / TRAVELLI, A.	ANL-7320, 363-374	66-10-10	CALCULATION OF THE SODIUM-VOID EFFECT IN LARGE CARBIDE CORES
940	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7320, 403-420	66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES
121	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7281	66-12-00	MEASURED PHYSICS PARAMETERS IN A ZONED FAST URANIUM CARBIDE CORE, ASSEMBLY 4Z
544	BENNETT, E. F.	NSENAO, 27, 028-033	67-01-00	NEUTRON SPECTRUM MEASUREMENT IN A FAST CRITICAL ASSEMBLY
1408	KARAM, R. A. / MARSHALL, J. E. / NAKAMURA, T.	TANSAO, 11, 598-599	68-11-00	FLUXES INTRASTRUCTURE IN A LARGE, PLATE-TYPE HETEROGENEOUS URANIUM DIOXIDE FAST CORE (ASSEMBLY-6, ZPR-6)
1091	PRESKITT, C. A. / D'OULTREMONT, P. / NEILL, J. M. / YOUNG, J. C.	GA-9140	68-11-01	(FAST REACTOR SPECTRUM MEASUREMENTS QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1968)
1628	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATOIRES, M.	TANSAO, 14, 017-018	71-06-00	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7. THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.
1629	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATOIRES, M. / STANFORD, G. S.	TANSAO, 14, 018-019	71-06-00	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.
1632	KARAM, R. A. / STANFORD, G. S. / ROBINSON, R.	TANSAO, 14, 021-022	71-06-00	ANISOTROPIC EFFECTS IN A 4000-LITER URANIUM DIOXIDE FAST CORE, ZPR-6 ASSEMBLY 6A.

ARGONNE NATIONAL LABORATORY - ZPR-6 - CALCULATIONS

937	MENEGHETTI, D.	ANL-7320, 377-385	66-10-10	CALCULATIONAL STUDIES OF SODIUM-VOID REACTIVITY VARIATIONS DUE TO THIN SLAB HETEROGENEITIES IN FAST CRITICAL ASSEMBLIES
916	BATTAT, M. E. / LABAUVE, R. J.	ANL-7320, 130-134	66-10-10	COMPARISON OF MULTIGROUP CROSS-SECTION SETS USED IN REACTOR CALCULATIONS
1486	PITTERLE, T. A. / PAGE, E. M. / YAMAMOTO, M.	CONF-660303	68-03-04	CALCULATIONS OF FAST CRITICAL EXPERIMENTS USING ENDF/B DATA AND A MODIFIED ENDF/B DATA FILE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY - ZPR-6 - CALCULATIONS (CONTD.)

1782	SHUKLA, V. K. / GARG, S. B.	PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 412-415	68-12-00	A 26 GROUP CROSS-SECTION SET AND THE ANALYSIS OF ZPR-6 ASSEMBLY 4 Z
1769	KARAM, R. A. / MARSHALL, J. E.	TANSAO, 12, 718-719	69-11-00	CRITICAL MASS SENSITIVITY TO THE TREATMENT OF HETEROGENEITY EFFECTS IN A LARGE URANIUM CARBIDE FAST CORE, ASSEMBLY 5 OF ZPR-6.
1747	KARAM, R. A. / MARSHALL, J. E. / DANCE, K. D.	NSENAO, 43, 005-026	71-01-00	ANALYSIS OF HETEROGENEITY AND SODIUM-VOID EFFECTS IN A 2700-LITER URANIUM CARBIDE FAST CORE, ZPR-6 ASSEMBLY 5.
1822	PAIK, N. C. / PITTERLE, T. A. / DURSTON, C.	CONF-710301, 1, 44-50	71-08-00	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.
1648	ZOLOTAR, B. A. / SALVADORES, M. / BINGMAN, B. M. / LEWIS, E. E.	TANSAO, 14, 848-849	71-10-00	COMPARATIVE STUDY OF HETEROGENEITY TREATMENTS FOR ZRP PLATE CELLS.
1649	MUELLER, R. E. / PAGE, E. M. / KOMATA, M.	TANSAO, 14, 849-850	71-10-00	COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL ASSEMBLIES. PART 1. METHODS.
1650	PAGE, E. M. / MUELLER, R. E.	TANSAO, 14, 851-852	71-10-00	COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL EXPERIMENTS. PART-2. ANALYSIS.
1584	MC KNIGHT, R. D.	TANSAO, 22, 723-724	75-11-00	BENCHMARK TESTING USING ENDF/B-III AND -IV

ARGONNE NATIONAL LABORATORY - ZPR-7

1474	PLUMLEE, K. E. / BAIRD, Q. L. / STANFORD, G. S. / AMUNDSON, P. I.	TANSAO, 06, 217	63-11-00	CRITICAL EXPERIMENTS WITH BORAX-V SUPERHEATER ELEMENTS
------	---	-----------------	----------	--

ARGONNE NATIONAL LABORATORY - ZPR-9 (FAST ROCKET)

1098	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT
1096	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G. / LOEWENSTEIN, W. B.	ANL-7285	66-00-00	PHYSICS OF FAST REACTORS WITH TUNGSTEN-URANIUM-235 FUEL SUMMARY AND DISCUSSION
919	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G.	ANL-7320, 186-194	66-10-10	MEASUREMENTS AND ANALYSIS OF ALUMINUM-, ALUMINUM TRIOXIDE-, AND BERYLLIUM OXIDE-REFLECTED FAST CRITICAL EXPERIMENTS
923	RUSCH, G. K. / KARAM, R. A. / KATO, W. Y. / MAIN, G. W.	ANL-7320, 231-236	66-10-10	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM CARBIDE CORES
940	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7320, 403-420	66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES
118	KNAPP, W. G. / DOERNER, R. C.	ANL-7207	67-02-00	PHYSICS MEASUREMENTS WITH MODIFIED DILUENT COMPOSITIONS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY - ZPR-9 (FAST ROCKET) (CONTD.)

119	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / KARAM, R. A.	ANL-7007	67-03-00	PHYSICS MEASUREMENTS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS
120	DOERNER, R. C. / KNAPP, W. G. / KARAM, R. A. / BUTLER, D. K.	ANL-7208	67-03-00	ZPR-9 ASSEMBLIES NO. 6-9 CRITICAL EXPERIMENTS
1811	ROBINSON, W. R. / LESAGE, L. G. / POND, R. B.	ANL-7773	71-03-00	SUMMARY OF CRITICAL-MASS CONFIGURATIONS, MATERIAL CONCENTRATIONS, AND CONTROL-ROD WORTHS FOR ZPR-9 ZONED FAST CRITICAL ASSEMBLIES 11-25.
1633	DAUGHTRY, J. W. / POND, R. B. / FLEISCHMAN, R. M. / SWANSON, C. S. / RUSCH, G. K. / KIER, P. H.	TANSAO, 14, 024-025	71-06-00	FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL PROGRAM.

ARGONNE NATIONAL LABORATORY, IDAHO - EBR-I

1141	EGGLER, C. / HUDDLESTON, C. M. / KROHN, V. E. / RINGO, G. R.	NSENAO, 01, 391-408	56-10-00	MEASUREMENT OF NEUTRON SPECTRA OF THE EXPERIMENTAL BREEDER REACTOR
------	--	---------------------	----------	--

ARGONNE NATIONAL LABORATORY, IDAHO - EBR-I - CALCULATIONS

455	DAVEY, W. G.	ANL-6850	64-02-00	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239-FUELED FAST REACTORS
-----	--------------	----------	----------	---

ARGONNE NATIONAL LABORATORY, IDAHO - ZPPR (DEMONSTRATION PLANT BENCHMARKS)

1768	MATLOCK, R. G. / KAISER, R. E. / GASIDLO, J. M.	TANSAO, 12, 652-653	69-11-00	REACTIVITY EFFECTS IN CRITICAL FACILITIES DUE TO FISSILE ISOTOPE DECAY.
1739	KAISER, R. E. / NORRIS, R. J. / OLSON, A. P. / PAIK, N. C.	TANSAO, 13, 732	70-11-00	PREDICTED CHARACTERISTICS WITH ACTUAL OBSERVATION FOR THE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY ZPPR-2.
1741	KAISER, R. E. / NORRIS, R. J. / PAIK, N. C.	TANSAO, 13, 734-735	70-11-00	MATERIAL WORTH MEASUREMENTS IN THE BENCHMARK CRITICAL ASSEMBLY ON ZPPR.
1630	KAISER, R. E. / AMUNDSON, P. I. / FORRESTER, R. J. / NEWMARK, B.	TANSAO, 14, 019-020	71-06-00	MEASUREMENT AND ANALYSIS OF SPACE-DEPENDENT PARAMETERS IN A DEMONSTRATION PLANT BENCHMARK CRITICAL.
1942	MC FARLANE, H. F. / BECK, C. L.	ANL-76-112	76-12-00	HIGH- PLUTONIUM-240 SECTOR EXPERIMENTS IN ZPPR ASSEMBLY 4

ARGONNE NATIONAL LABORATORY, IDAHO - ZPPR (DEMONSTRATION PLANT BENCHMARKS) - CALCULATIONS

1913	PALMER, R. G. / PLUMMER, J. P. / NICHOLSON, R. B.	TANSAO, 13, 253	70-06-00	TESTING OF HETEROGENEITY METHODS USED IN FAST REACTOR CRITICAL ANALYSES BY COMPARISON WITH THEORETICAL (GEDANKEN) EXPERIMENTS.
1921	BENNETT, R. A. / ENGSTROM, S. L. / NELSON, J. V. / YOUNG, W. R.	TANSAO, 13, 291	70-06-00	STATISTICALLY SIGNIFICANT BIASES IN THE FTR NEUTRONICS MODEL.
1822	PAIK, N. C. / PITIERLE, T. A. / DURSTON, C.	CONF-710301, 1, 44-50	71-08-00	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.
1704	STEWART, S. L. / HARTMAN, A. K. / CRICK, S. C.	GEAP-14001	74-04-00	EVALUATION AND ANALYSIS OF ZPPR ASSEMBLY 3 CRITICAL EXPERIMENTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY, IDAHO -- ZPR-3

267	CERUTTI, B. C. / LICHTENBERGER, H. V. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	NSENAO, 01, 126-134	56-05-00	ZPR-3, ARGONNE'S FAST CRITICAL FACILITY
354	LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119- 141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3
607	HESS, A. L. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6336	60-11-00	CRITICAL STUDIES OF A 450-LITER URANIUM OXIDE FAST REACTOR CORE,
85	HUBER, R. J. / LONG, J. K. / MC VEAN, R. L. / GASIDLO, J. M.	ANL-6401	61-05-00	CRITICAL STUDIES OF A DILUTE CARBIDE FAST REACTOR (CORE ZPR-3 ASSEMBLY 34)
86	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	ANL-6337	61-05-00	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)
398	LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W.	IAEA-VIENNA-1961, 271-285	61-08-00	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS
351	DAVEY, W. G.	ANL-6617	61-09-00	A CRITICAL COMPARISON OF MEASURED AND CALCULATED FISSION RATIOS FOR ZPR-3 ASSEMBLIES
82	GASIDLO, J. M. / LONG, J. K. / MC VEAN, R. L.	ANL-6338	61-10-00	CRITICAL STUDIES OF A DILUTE FAST REACTOR CORE (ZPR-3 ASSEMBLY 31)
308	BRUNSON, G. S.	ANL-6681	63-00-00	A SURVEY OF PROMPT NEUTRON LIFETIMES IN FAST CRITICAL SYSTEMS
83	AMUNDSON, P. I. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6690	63-02-00	CRITICAL STUDIES OF URANIUM-STEEL AND URANIUM-STEEL-SODIUM FAST REACTOR CORES (ZPR-3 ASSEMBLIES 32 AND 33)
80	MC VEAN, R. L. / AMUNDSON, P. I. / BRUNSON, G. S. / GASIDLO, J. M.	ANL-6713	63-04-00	CRITICAL STUDIES OF A SMALL URANIUM CARBIDE FUELED REACTOR WITH A BERYLLIUM REFLECTOR (ZPR-3 ASSEMBLY 40)
350	AMUNDSON, P. I. / MC VEAN, R. L. / LONG, J. K.	ANL-6733	64-01-00	A TWO-ZONE FAST CRITICAL EXPERIMENTS, ZPR-3 ASSEMBLY 42.
12	GASIDLO, J. M. / LONG, J. K. / KEENEY, W. P.	ANL-6838	64-05-00	DOPPLER EFFECT MEASUREMENTS, SODIUM VOID COEFFICIENTS, AND CRITICAL STUDIES OF A 5000-LITER FAST POWER BREEDER REACTOR BY THE TWO-ZONE METHOD (ZPR-3 ASSEMBLY 43)
99	HORST, K. M.	GEAP-04594	64-07-00	SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR DEVELOPMENT PROGRAM
1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124- 136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS
758	NONE	ANL-7082	65-08-24	FARET CRITICALS
1249	HESS, A. L. / KEENEY, W. P. / CAUMETTE, P. / BOYER, J. P.	ANL-7044	66-03-00	CRITICAL STUDIES FOR THE FRENCH FAST REACTOR <RAPSODIE> (ZPR-3 ASSEMBLY 44)

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY, IDAHO - ZPR-3 (CONTD.)

522	LONG, J. K./ MC VEAN, R. L./ REYNOLDS, A. B./ STEWART, S. L./ WEITZBERG, A./ LERIDON, A. M.	NSENAO, 25, 442-444	66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3
942	BENNETT, E. F./ GOLD, R. / HUBER, R. J.	ANL-7320, 477-480	66-10-10	SPECTRUM MEASUREMENTS IN A LARGE DILUTE PLUTONIUM FUELED FAST REACTOR
944	BROWN, P. S.	ANL-7320, 486-489	66-10-10	COMMENT ON SPECTRUM MEASUREMENTS IN A LARGE, DILUTE PLUTONIUM-FUELED FAST REACTOR
950	PERSIANI, P. J./ HESS, A. L./ KUCERA, D.	ANL-7320, 550-560	66-10-10	THE CRITICAL EXPERIMENTS AND PRELIMINARY ANALYSIS OF MULTIFUELED, NONUNIFORM CORE LOADINGS FOR THE FARET PROGRAM
951	MC VEAN, R. L./ GOIN, R. W./ WEITZBERG, A./ LERIDON, A. M./ KREMSER, J.	ANL-7320, 560-568	66-10-10	CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3
952	REYNOLDS, A. B./ STEWART, S. L.	ANL-7320, 569-585	66-10-10	APPLICATION OF THE SEFOR CRITICAL EXPERIMENTS AT ZPR-3 TO SEFOR
955	MUELLER, R. E./ NIMS, J. B./ CALLEN, R. C.	ANL-7320, 605-628	66-10-10	STATIC PHYSICS MEASUREMENTS IN THE FERMI REACTOR
1487	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	ANL-7320, 205-215	66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY
108	MC VEAN, R. L./ WEITZBERG, A./ KREMSER, J./ LERIDON, A. M./ LONG, J. K.	ANL-7248	67-03-00	CRITICAL STUDIES OF THE SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR (SEFOR IN ZPR-3 (ASSEMBLY 47)
1365	CERBONE, R. J./ CROSBIE, K. L./ GOZANI, T./ MIRR, C. H./ NEILL, J. M./ D'OULTREMONT, P./ PRESKITT, C. A./ SPERLING, M./ TRIMBLE, G. D./ YOUNG, H. P./ YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969
1319	YOUNG, W. R./ BENNETT, R. A.	TANSAO, 12, 183-184	69-06-00	FTR CRITICAL EXPERIMENTS ANALYSIS
1768	MATLOCK, R. G./ KAISER, R. E./ GASIDLO, J. M.	TANSAO, 12, 652-653	69-11-00	REACTIVITY EFFECTS IN CRITICAL FACILITIES DUE TO FISSILE ISOTOPE DECAY.
1866	HESS, A. L./ KEENEY, W. P./ MC VEAN, R. L.	ANL-7215	70-01-00	EXPERIMENTS WITH A SERIES OF SMALL, PLUTONIUM-PLUS-URANIUM-FUELED FAST-REACTOR CRITICALS (FARET MOCKUP--ZPR-3 ASSEMBLY 46).
1862	STEVENSON, J. M./ GASIDLO, J. M./ ROGERS, V. C./ SIMONS, G. G./ VOSBURGH, R. O.	ANL-7695	70-04-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.
1631	MENEGETTI, D./ KEENEY, W. P./ VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	TANSAO, 14, 020-021	71-06-00	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY, IDAHO - ZPR-3 (CONTD.)

1829	HESS, A. L. / GASIDLO, J. M. / LONG, J. K. / AMUNDSON, P. I. / KEENEY, W. P.	ANL-6732	71-06-00	CRITICAL STUDIES OF A 440-LITER FAST-REACTOR CORE FUELED WITH URANIUM ENRICHED TO 17 PERCENT (ZPR-3 ASSEMBLY 41).
1963	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON C. D.	NSENAO, 45, 37-46	71-07-00	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA
1834	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	ANL-7882	71-11-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.

ARGONNE NATIONAL LABORATORY, IDAHO - ZPR-3 - CALCULATIONS

1097	MENEGHETTI, D. / LOOMIS, M. F.	ANL-6218	60-11-00	CALCULATION OF HETEROGENEITY EFFECTS IN ZPR-3 FAST ASSEMBLIES USING THE DSN PROGRAMS
396	MENEGHETTI, D.	IAEA-VIENNA-1961, 457-487	61-08-00	RECENT ADVANCES AND PROBLEMS IN THEORETICAL ANALYSES OF ZPR-3 FAST CRITICAL ASSEMBLIES
81	GEMMELL, W.	TRG-301(D)	62-05-30	A SERIES OF SIMPLE DILUTE FAST REACTOR ASSEMBLIES
352	DAVEY, W. G.	ANL-6682	63-06-00	A COMPARISON OF EXPERIMENTAL AND CALCULATED PROMPT NEUTRON LIFETIMES AND CENTRAL REACTIVITY COEFFICIENTS IN ZPR-3 ASSEMBLIES AND THEIR RELATIONSHIP TO OTHER PARAMETERS
455	DAVEY, W. G.	ANL-6850	64-02-00	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239-FUELED FAST REACTORS
712	DAVEY, W. G.	NSENAO, 19, 259-273	64-07-00	AN ANALYSIS OF 23 ZPR-3 FAST REACTOR CRITICAL EXPERIMENTS
1287	MENEGHETTI, D. / WHITE, J. R.	ANL-7133	64-11-00	CALCULATIONS OF ZPR-3 FAST ASSEMBLIES USING A TWENTY-SIX-GROUP CROSS-SECTION SET.
910	DAVEY, W. G.	ANL-7320, 057-065	66-10-10	INTERCOMPARISON OF CALCULATIONS FOR A DILUTE PLUTONIUM-FUELED FAST CRITICAL ASSEMBLY (ZPR-3 ASSEMBLY 48)
911	GREEBLER, P. / GYOREY, G. L. / HUTCHINS, B. A. / SEGAL, B. M.	ANL-7320, 066-079	66-10-10	IMPLICATIONS OF RECENT FAST CRITICAL EXPERIMENTS ON BASIC FAST REACTOR DESIGN DATA AND CALCULATIONAL METHODS
943	TRAVELLI, A.	ANL-7320, 481-485	66-10-10	A COMMENT ON THE COMPARISON OF THEORETICAL WITH EXPERIMENTAL NEUTRON SPECTRA IN FAST CRITICAL ASSEMBLIES
969	BENNETT, R. A. / HOFMANN, P. L. / LITTLE, W. W. / MAAS, L. L.	ANL-7320, 785-793	66-10-10	FAST TEST REACTOR: CRITICAL EXPERIMENTS PROGRAM
912	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	ANL-7320, 080-087	66-10-10	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES
435	LITTLE, W. W. / HARDIE, R. W. / MAAS, L. L.	BNWL-0347	67-02-01	MULTIGROUP ANALYSIS OF SELECTED FAST CRITICAL ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY, IDAHO - ZPR-3 - CALCULATIONS (CONTD.)					
560	STACEY, W. M.	NSENAO, 28, 443-449	67-06-00	FAST-REACTOR CALCULATIONAL MODELS	
1486	PITTERLE, T. A. / PAGE, E. M. / YAMAMOTO, M.	CONF-660303	68-03-04	CALCULATIONS OF FAST CRITICAL EXPERIMENTS USING ENDF/B DATA AND A MODIFIED ENDF/B DATA FILE	
795	LABAUVE, R. J. / BATTAT, M. E.	LA-DC-9216	68-04-04	CRITICALITY AND CENTRAL REACTIVITY CALCULATIONS USING ENDF/B DATA	
1370	SARGIS, D. A. / BAXTER, A. / ARCHIBALD, R.	GA-8847	68-09-22	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY 48 USING ENDF/B CROSS SECTIONS	
1409	EISEMANN, E. / KUESTERS, H. / METZENROTH, M. / SCHMIDT, J. J. / SCHROETER, K. E. / THIEM, D.	TANSAO, 11, 601-602	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE	
1781	MAHALINGAM, L. M. / SHANKAR SINGH, R.	PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 408-411	68-12-00	ANALYSIS OF ZPR-3 FAST CRITICAL ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA.	
1374	MAHALINGAM, L. M. / SHANKAR SINGH, R.	BARC-421	69-00-00	ANALYSIS OF ZERO POWER REACTOR III ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA	
1303	BROEDERS, C. H. M.	KFK-939	69-01-00	THE INFLUENCE OF NUCLEAR DATA UNCERTAINTIES ON PROPERTIES OF CRITICAL ASSEMBLIES	
1363	ARCHIBALD, R. / BAXTER, A. / SARGIS, D. A.	TANSAO, 12, 182-183	69-06-00	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY-48 USING ENDF/B CROSS SECTIONS	
1401	KALLFELZ, J. M. / POENITZ, W. P. / SEHGAL, B. R. / ZOLOTAR, B. A.	TANSAO, 12, 186-187	69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS THROUGH INTEGRAL EXPERIMENTS	
1388	KALLFELZ, J. M. / ZOLOTAR, B. A. / SEHGAL, B. R.	EACRP-L-77	69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS SECTIONS AND THEIR INFLUENCE ON CALCULATED FAST REACTOR PARAMETERS	
1373	NEUHOLD, R. J.	BAW-3867-09, VOL 4	69-11-00	FAST BREEDER REACTOR STATIC PHYSICS METHODS DEVELOPMENT AND ANALYSIS PROJECT VOLUME 4 - PRODUCTION TESTS AND SENSITIVITY STUDIES USING THE FARED CODE	
1897	YOUNG, W. R. / BENNETT, R. A.	BNWL-1138	70-01-00	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS. PART-1. ZPR-3 ASSEMBLY 51.	
874	YOUNG, W. R. / BENNETT, R. A.	BNWL-1139	70-02-00	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS, PART 2, ZPR-3 ASSEMBLIES 52A, B, C, D, E, AND F	
1906	HESS, A. L. / PALMER, R. G. / STEVENSON, J. M.	TANSAO, 13, 288-289	70-06-00	POSTANALYTICAL STUDY OF EIGHT ZPR-3 BENCHMARK CRITICALS USING ENDF/B DATA.	
1907	PALMEDO, P. F. / LUDEWIG, H. / ARONSON, A. L.	TANSAO, 13, 253-254	70-06-00	EFFECT OF HYDROGEN CONTENT OF GRAPHITE IN FAST CRITICAL EXPERIMENTS.	
1918	LITTLE, W. W. / KIDMAN, R. B. / SCHENTER, R. E. / O'DELL, L. D. / HARDIE, R. W. / STEWART, K. B.	TANSAO, 13, 304	70-06-00	ANALYSIS OF CRITICAL EXPERIMENTS USING VERSION II OF THE EVALUATED NUCLEAR DATA FILE (ENDF/B).	
1913	PALMER, R. G. / PLUMMER, J. P. / NICHOLSON, R. B.	TANSAO, 13, 253	70-06-00	TESTING OF HETEROGENEITY METHODS USED IN FAST REACTOR CRITICAL ANALYSES BY COMPARISON WITH THEORETICAL (GEDANKEN) EXPERIMENTS.	

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ARGONNE NATIONAL LABORATORY, IDAHO - ZPR-3 - CALCULATIONS (CONTD.)

1921	BENNETT, R. A. / ENGSTROM, S. L. / NELSON, J. V. / YOUNG, W. R.	TANSAO, 13, 291	70-06-00	STATISTICALLY SIGNIFICANT BIASES IN THE FTR NEUTRONICS MODEL.
1801	KIEFHABER, E. / SCHMIDT, J. J.	EURFNR-0858	70-09-00	EVALUATION OF FAST CRITICAL EXPERIMENTS USING RECENT METHODS AND DATA.
1816	ENGSTROM, S. L. / BENNETT, R. A.	HEDL-TME-71-41	71-05-00	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS. PART 4. ZPR-3 ASSEMBLY 56B.
1635	CRAMER, S. N.	TANSAO, 14, 348	71-06-00	MONTE CARLO ANALYSIS OF FAST CRITICAL ASSEMBLIES USING ENDF/B I AND II DATA.
1822	PAIK, N. C. / PITTERLE, T. A. / DURSTON, C.	CONF-710301, 1, 44-50	71-08-00	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.
1823	HUNTER, R. E. / CREMER, C. C. / WORLTON, D. R.	CONF-710301, 1, 58-64	71-08-00	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.
1650	PAGE, E. M. / MUELLER, R. E.	TANSAO, 14, 851-852	71-10-00	COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL EXPERIMENTS. PART-2. ANALYSIS.
1584	MC KNIGHT, R.D.	TANSAO, 22, 723-724	75-11-00	BENCHMARK TESTING USING ENDF/B-III AND -IV

ATOMICS INTERNATIONAL - ADVANCED EPITHERMAL THORIUM REACTOR

2040	SKEEN, C. H. / BROWN, W. W.	TANSAO, 02, 2, 080-084	59-11-00	A THORIUM-URANIUM EXPONENTIAL EXPERIMENT
1490	MOREWITZ, H. A. / CARPENTER, S. G. / EGGEN, D. T. / MYHRE, C.	TANSAO, 04, 055-056	61-06-00	SPECIAL FEATURES OF THE ADVANCED EPITHERMAL THORIUM REACTOR CRITICAL ASSEMBLY
402	MOREWITZ, H. A. / CARPENTER, S. G.	IAEA-VIENNA-1961, 287-293	61-08-00	THE EPITHERMAL CRITICAL EXPERIMENTS
1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124-136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS
450	DAVEY, W. G.	ANL-7014	65-03-00	AN ANALYSIS OF SIX AETR FAST CRITICAL EXPERIMENTS
427	MOUNTFORD, L. A. / MOREWITZ, H. A.	NSENAO, 21, 421-428	65-04-00	THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS
429	STROMINGER, D. / SCHLESINGER, G.	NSENAO, 21, 441-450	65-04-00	FISSION-RATE MEASUREMENTS IN THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS

ATOMICS INTERNATIONAL - LMFBR - EPITHERMAL CRITICAL EXPERIMENT LABORATORY

475	SPRINGER, T. H. / TUTTLE, R. J. / OTTER, J. M. / PASCHALL, R. K.	AI-AEC-12705	69-00-00	DOPPLER AND RELATED MEASUREMENTS IN A SOFT FAST-REACTOR SPECTRUM
1375	SPRINGER, T. H. / TUTTLE, R. J. / MOUNTFORD, L. A.	A1-AEC-12884	69-11-15	QUARTERLY TECHNICAL PROGRESS REPORT LMFBR PHYSICS PROGRAMS JULY-SEPTEMBER 1969

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ATOMICS INTERNATIONAL - ORGANIC MODERATED REACTOR

1949	BROWN, W. W.	GENEVA-2, 12, 514-517	58-09-00	EXPONENTIAL EXPERIMENTS WITH ORGANIC MODERATED URANIUM LATTICES
2042	ZWETZIG, G. B. / BELLER, L. S. / FIELD, H. C. / MOUNTFORD, L. A. / TUTTLE, R. J.	TANSAO, 02, 2, 085-086	59-11-00	INITIAL EXPERIMENTS WITH THE ORGANIC-MODERATED REACTOR CRITICAL ASSEMBLY
1480	CAMPBELL, R. W. / GUZZLE, T. L. / PASCHALL, R. K.	TANSAO, 04, 047-048	61-06-00	EXPONENTIAL EXPERIMENTS IN URANIUM-DIPHENYL LATTICES
2010	WOLFE, W. B. / MACK, R. J.	TANSAO, 04, 310	61-11-00	SOME RECENT ZERO-POWER PHYSICS MEASUREMENTS ON THE ORGANIC MODERATED REACTOR EXPERIMENT

ATOMICS INTERNATIONAL - SNAP CORES (ZIRCONIUM HYDRIDE)

849	DAVIS, M. V. / THIELE, A. W.	TANSAO, 03, 104-105	60-06-00	AN ENRICHED URANIUM DIOXIDE - ZIRCONIUM DI-HYDRIDE CRITICAL ASSEMBLY
1484	MOSS, L. I. / PODEWELTZ, C. M. / RANDALL, R. L. / SHAPIRO, J. L. / WIMMER, R. E.	TANSAO, 04, 053-054	61-06-00	ANALYTICAL AND EXPERIMENTAL RESULTS FOR A COMPACT, ZIRCONIUM HYDRIDE MODERATED CRITICAL ASSEMBLY
708	MOSS, L. I.	NAA-SR-8490	63-09-15	EXPERIMENTS WITH WATER-REFLECTED, UNDERMODERATED, ZIRCONIUM HYDRIDE CRITICAL ASSEMBLIES

ATOMICS INTERNATIONAL - URANIUM - HEAVY WATER EXPONENTIAL LATTICES

1953	COHEN, E. R.	GENEVA-1, 05, 268-278	55-08-00	EXPONENTIAL EXPERIMENTS ON DEUTERIUM-OXIDE--URANIUM LATTICES
------	--------------	-----------------------	----------	--

ATOMICS INTERNATIONAL - URANIUM NITRIDE - LITHIUM - MOLYBDENUM REFLECTED FAST REACTOR

1863	ANDERSON, JOHN L. / MAYO, WENDELL	N-70-26979	70-05-00	EFFECT OF ADDING LITHIUM NITRIDE, HAFNIUM, TANTALUM, AND TUNGSTEN TO A FAST-SPECTRUM, MOLYBDENUM-REFLECTED CRITICAL ASSEMBLY.
1627	PASCHALL, R. K. / KLANN, P. G.	TANSAO, 14, 004-005	71-06-00	NEUTRON SPECTRUM MEASUREMENTS IN A COMPACT FAST-SPECTRUM CRITICAL ASSEMBLY.

ATOMICS INTERNATIONAL - URANIUM(2%) METAL - GRAPHITE

2083	BROWN, W. W. / CAMPBELL, R. W. / GUDERJAHN, C. A. / LAUBENSTEIN, R. A.	BNL-0489, 217-223	57-11-12	PHYSICS EXPERIMENTS PERFORMED FOR AND ON SODIUM GRAPHITE REACTORS
1493	GUDERJAHN, C. A.	TANSAO, 04, 104	61-06-00	HETEROGENEOUS URANIUM METAL-GRAPHITE CRITICAL EXPERIMENTS
468	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

ATOMICS INTERNATIONAL - URANIUM(3%) CARBIDE - GRAPHITE

721	SPECHT, E. R.	NAA-SR-9772	64-08-01	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES PART-2 THEORETICAL INTERPRETATION
-----	---------------	-------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ATOMICS INTERNATIONAL - URANIUM(3%)CARBIDE - GRAPHITE (CONTD.)

802	HILLIG, O. R. / LATHAM, D. W.	TANSAO, 07, 295	64-11-00	MATERIAL BUCKLINGS OF URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES - MEASUREMENTS
741	HILLIG, O. R. / LATHAM, D. W.	NAA-SR-9771	64-12-01	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES. PART 1. EXPERIMENT

AUSTRALIA - URANIUM-233, URANIUM-235, PLUTONIUM-239 - BERYLLIUM OXIDE

761	BRITTLIFF, E. / DUERDEN, P.	AAEC/E145	65-11-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-233/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES
784	MC CULLOCH, D. B. / DUERDEN, P. / BRITTLIFF, E.	AAEC/E146	65-12-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235 FUELED SUBCRITICAL ASSEMBLIES MODERATED BY BERYLLIUM OXIDE/FERTILE MATERIAL MIXTURES
719	DUERDEN, P. / MC CULLOCH, D. B. / BRITTLIFF, E.	AAEC/E123	66-07-19	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235/BERYLLIUM- OXIDE SUBCRITICAL ASSEMBLIES
805	DUERDEN, P.	AAEC/E177	67-06-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN PLUTONIUM-239/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES

BABCOCK AND WILCOX CO. - LIQUID METAL FUEL REACTOR EXPERIMENT

2033	ENGELDER, T. C. / GIESLER, H. W. / FARRARR, J. P.	TANSAO, 02, 2, 168-169	59-06-00	REACTIVITY AND FLUX MEASUREMENTS IN HIGHLY REFLECTED URANIUM-235-BISMUTH-GRAPHITE CRITICAL EXPERIMENTS
------	---	------------------------	----------	--

BABCOCK AND WILCOX CO. - MERCHANT SHIP CONTRACT (URANIUM(4%)DIOXIDE - WATER)

1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446-482	58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).
1499	BALL, R. M. / MACKINNEY, A. L.	TANSAO, 04, 112-113	61-06-00	INITIAL CRITICALITY AND EXPERIMENTS ON N. S. SAVANNAH CORE I

BABCOCK AND WILCOX CO. - PHYSICS VERIFICATION PROGRAM - SMALL LATTICE EXPERIMENT

347	ENGELDER, T. C. / SNIDOW, N. L. / ROBERTS, D. M. / FAIRBURN, G. T. / ROY, D. H.	BAW-1283	63-00-00	MEASUREMENTS OF K(INF) AND OTHER PARAMETERS IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE
1369	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-12	69-06-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT JANUARY - MARCH 1969
1368	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-14	69-09-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969

BABCOCK AND WILCOX CO. - PLUTONIUM LATTICE

1905	BALDWIN, M. N. / STERN, M. E.	BAW-3647-17	70-06-00	PHYSICS VERIFICATION PROGRAM. PART-3, TASK 4. QUARTERLY TECHNICAL REPORT, JANUARY-MARCH 1970.
------	-------------------------------	-------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

BABCOCK AND WILCOX CO. - PLUTONIUM LATTICE (CONTD.)

1889	FAIRBURN, G. T. / PETTUS, W. G. / SNIDOW, N. L.	BAW-1357	70-08-00	PLUTONIUM LATTICE EXPERIMENT IN UNIFORM LATTICE OF URANIUM-DIOXIDE/1.5%-PLUTONIUM-DIOXIDE FUEL
------	---	----------	----------	--

BABCOCK AND WILCOX CO. - SPECTRAL SHIFT CONTROL REACTOR (URANIUM(2-4%))DIOXIDE IN WATER - HEAVY WATER)

698	NONE	BAW-1218	60-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 2
699	NONE	BAW-1221	61-06-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 4
700	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES
701	NONE	BAW-1240	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 5
702	NONE	BAW-1250	62-03-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 6
703	NONE	BAW-1259	62-06-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 7
628	ENGELDER, T. C. / CLARK, R. H. / BALDWIN, M. N. / DEROCHE, E. J. / FAIRBURN, G. T. / HALLAM, J. W.	BAW-1273	63-11-00	MEASUREMENTS AND ANALYSIS OF UNIFORM LATTICE OF SLIGHTLY ENRICHED URANIUM DIOXIDE MODERATED BY HEAVY WATER-WATER MIXTURES

BABCOCK AND WILCOX CO. - THORIUM - URANIUM PHYSICS EXPERIMENT

1001	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	BAW-1191	60-05-00	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT
2009	BALL, R. M.	TANSAO, 04, 307	61-11-00	INITIAL OPERATION AND EXPERIMENTATION WITH THE CONSOLIDATED EDISON THORIUM REACTOR

BABCOCK AND WILCOX CO. - URANIUM(4%)DIOXIDE - WATER - HEAVY WATER

2007	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	TANSAO, 04, 305	61-11-00	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES
2008	WITTKOPF, W. A. / ROACH, K. E.	TANSAO, 04, 305-306	61-11-00	NUCLEAR ANALYSIS OF 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES

BATTELLE MEMORIAL INSTITUTE - GAS COOLED REACTOR STUDIES

1438	DINGEE, D. A. / BALLOWE, W. C. / KLINGENSMITH, R. W. / EGEN, R. A. / JANKOWSKI, F. J. / CHASTAIN, J. W.	BMI-1288	58-09-10	GCRC CRITICAL-ASSEMBLY STUDIES
------	---	----------	----------	--------------------------------

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

BATTELLE MEMORIAL INSTITUTE - GAS COOLED REACTOR STUDIES (CONTD.)

1437	RAY, J. W. / MATTHEWS, R. G. / HOGAN, W. S. / DINGEE, D. A. / CHASTAIN, J. W.	BMI-1501	61-02-21	ML-1-1B CRITICAL-ASSEMBLY STUDIES
748	QUILICI, R. E.	IDO-28631	65-01-00	ARMY GAS COOLED REACTOR SYSTEMS PROGRAM SUMMARY OF NUCLEAR PHYSICS EXPERIMENTS

BATTELLE MEMORIAL INSTITUTE - PLASTIC MODERATED ASSEMBLIES

739	JANKOWSKI, F. J.	GENEVA-2, 12, 747- 762	58-09-00	RESEARCH EXPERIENCE WITH PLASTIC MODERATED CRITICAL ASSEMBLIES
-----	------------------	---------------------------	----------	---

BELGIUM - VENUS CRITICAL (URANIUM-PLUTONIUM DIOXIDE - WATER)

1637	DEBRUE, J. / LEENDERS, L. / MOTTE, F. / VAN DEN BROECK, H. / DERAMAIX, P. / DE WAECH, F.	TANSAO, 14, 377-379	71-06-00	A BASIC EXPERIMENTAL REACTOR PHYSICS PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM- DIOXIDE/WATER LATTICES
------	---	---------------------	----------	---

BROOKHAVEN NATIONAL LABORATORY - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

1118	HELLENS, R. L. / ANDERSEN, E.	BNL-07293	66-10-15	SOME PROBLEMS IN THE INTERPRETATION OF EXPONENTIAL EXPERIMENTS
1119	WINDSOR, H.	NSENAO, 29, 296-298	67-08-00	BUCKLING MEASUREMENTS IN WATER- MODERATED AND -REFLECTED EXPONENTIAL EXPERIMENTS

BROOKHAVEN NATIONAL LABORATORY - FAST SOURCE ASSEMBLY

1267	PALMEDO, P. F. / WEINSTOCK, E. V.	BNL-RP-01 (F)	69-08-12	FS-1 CORES 2 AND 2A
1483	PALMEDO, P. F. / WEINSTOCK, E. V.	BNL-RP-02 (F)	69-08-27	PRELIMINARY FAST REACTOR HETEROGENEITY STUDIES IN FS-1

BROOKHAVEN NATIONAL LABORATORY - PLUTONIUM-ALUMINUM RODS IN WATER

1238	PRICE, G. A. / WINDSOR, H.	BNL-RP-08 (F)	69-10-01	PLUTONIUM-ALUMINUM-WATER BUCKLING MEASUREMENTS
------	----------------------------	---------------	----------	---

BROOKHAVEN NATIONAL LABORATORY - PULSED FAST REACTOR EXPERIMENT

1237	PHELPS, J. / COURT, A. J. / DOWNES, K.	BNL-RP-06 (F)	69-09-22	CEPFR-1A MEASUREMENTS AND ASSEMBLY DESCRIPTION
1239	PHELPS, J. / CONANT, J. / COURT, A. J. / DOWNES, K. / WINDSOR, H.	BNL-RP-07 (F)	69-09-22	CEPFR-1B MEASUREMENTS AND ASSEMBLY DESCRIPTION
1482	WINDSOR, H. / PHELPS, J. / CONANT, J.	BNL-RP-09 (F)	69-10-00	CEPFR-1C MEASUREMENTS AND ASSEMBLY DESCRIPTION
1306	PHELPS, J. / WINDSOR, H. / CHANDRAMOLESHWAR, K.	BNL-RP-14 (F)	70-05-00	CEPFR-1-2 MEASUREMENTS AND ASSEMBLY DESCRIPTION
1307	WINDSOR, H. / PHELPS, J. / CHANDRAMOLESHWAR, K.	BNL-RP-13 (F)	70-05-00	CEPFR-1F MEASUREMENTS AND ASSEMBLY DESCRIPTION
1308	PHELPS, J. / WINDSOR, H.	BNL-RP-12 (F)	70-05-00	CEPFR-1E MEASUREMENTS AND ASSEMBLY DESCRIPTION
1309	WINDSOR, H. / PHELPS, J.	BNL-RP-11 (F)	70-05-00	CEPFR-1 D MEASUREMENTS AND ASSEMBLY DESCRIPTION

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

BROOKHAVEN NATIONAL LABORATORY - PULSED FAST REACTOR EXPERIMENT (CONTD.)

1965	HELPS, J. / WINDSOR, H. / TAKAHASHI, H. / CONANT, J. / CHANDRAMOLESHWAR, K.	NSNAO, 49, 274-300	72-11-00	CRITICAL EXPERIMENTS FOR THE BROOKHAVEN PULSED FAST REACTOR STUDY
------	--	--------------------	----------	--

BROOKHAVEN NATIONAL LABORATORY - SLIGHTLY ENRICHED URANIUM - WATER LATTICES

2034	CHERNICK, J.	BNL-01578	53-04-06	ANALYSIS OF THE CLEAN BUCKLINGS OF 1.3 PERCENT ENRICHED URANIUM-WATER LATTICES
2036	KOUTS, H.	BNL-01812	53-10-07	LIGHT WATER LATTICE STUDIES
631	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	BNL-01627	53-11-05	BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235
632	DOWNES, K.	BNL-02016	54-07-23	BUCKLING OF A NATURAL URANIUM LIGHT WATER MODERATED LATTICE
2043	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	BNL-02184	55-02-07	BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS
1019	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	GENEVA-1, 05, 183- 202	55-08-00	EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER
1957	KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V.	JAABA, 02, 141	55-11-00	REACTOR PARAMETERS OF A LIGHT WATER- NORMAL URANIUM LATTICE (LETTER)
197	KOUTS, H. / SHER, R.	BNL-00486	57-09-00	EXPERIMENTAL STUDIES OF SLIGHTLY ENRICHED URANIUM, WATER-MODERATED LATTICES
2047	WINDSOR, H.	TANSAO, 06, 052-053	63-06-00	BUCKLINGS AND DISADVANTAGE FACTORS OF SEVERAL WATER-MODERATED, 1.25%-ENRICHED URANIUM METAL SLAB LATTICES
818	PRICE, G. A.	BNL-50035-(T-449)	66-12-30	URANIUM-WATER LATTICE COMPILATION PART 1. BNL EXPONENTIAL ASSEMBLIES

BROOKHAVEN NATIONAL LABORATORY - URANIUM-233 - HEAVY WATER (ORGANIC COOLED)

803	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	BNL-50012-(T-434)	66-08-25	ORGANIC COOLED, HEAVY WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS
895	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	TANSAO, 09, 518-519	66-10-00	ORGANIC-COOLED HEAVY-WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS

BROOKHAVEN NATIONAL LABORATORY - URANIUM-233 - THORIUM DIOXIDE LATTICE

778	PRICE, G. A. / WINDSOR, H.	BNL-00954	65-12-31	URANIUM-233 DIOXIDE - THORIUM DIOXIDE LATTICE EXPERIMENTS
899	SEHGAL, B. R. / WINDSOR, H. / TUNNEY, W. J.	TANSAO, 10, 193-194	67-06-00	MEASUREMENTS AND ANALYSES OF SOME 233- URANIUM DIOXIDE-THORIUM DIOXIDE WATER LATTICE EXPERIMENTS
906	WINDSOR, H. / TUNNEY, W. J.	TANSAO, 10, 595-596	67-11-00	REACTOR PHYSICS PARAMETERS OF URANIUM- 233 DIOXIDE-THORIUM DIOXIDE LATTICES IN HEAVY WATER
1961	WINDSOR, H. / TUNNEY, W. J. / PRICE, G. A.	NSNAO, 42, 150-161	70-11-00	EXPONENTIAL EXPERIMENTS WITH LATTICES OF URANIUM-233 OXIDE AND THORIUM OXIDE IN LIGHT AND HEAVY WATER

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE**

BROOKHAVEN NATIONAL LABORATORY - URANIUM-233 - THORIUM DIOXIDE LATTICE - CALCULATIONS

1210	SEHGAL, B. R.	TANSAO, 10, 596-597	69-11-00	ANALYSES OF BROOKHAVEN URANIUM-233-THORIUM-232 OXIDE, LIGHT- AND HEAVY-WATER-MODERATED LATTICE EXPERIMENTS
------	---------------	---------------------	----------	--

BROOKHAVEN NATIONAL LABORATORY - URANIUM(93%) - GRAPHITE

822	PHELPS, J.	BNL-50023-(S-69)	66-12-31	MINIMUM REFLECTION CRITICAL FACILITY
504	PHELPS, J. / WEINSTOCK, E. V.	NSENAO, 34, 237-250	68-12-00	CRITICALITY MEASUREMENTS ON NEARLY HOMOGENEOUS ENRICHED URANIUM-GRAPHITE SYSTEMS

BROOKHAVEN NATIONAL LABORATORY - URANIUM(93%) - GRAPHITE - CALCULATIONS

829	SEHGAL, B. R.	TANSAO, 10, 535-536	67-11-00	ANALYSIS OF SOME URANIUM-235-GRAPHITE CRITICAL EXPERIMENTS
503	SEHGAL, B. R.	NSENAO, 34, 251-262	68-12-00	ANALYSIS OF BROOKHAVEN URANIUM-235 GRAPHITE CRITICAL EXPERIMENTS

CANADA, CHALK RIVER NUCLEAR LABORATORIES - HEAVY WATER LATTICES

2103	CRITOPH, E. / OKAZAKI, A. / HONE, D. W. / TUNNICLIFFE, P. R. / DE MILLE, G. R. / HANNA, G. C.	UK/C/5/103	56-10-22	MULTIPLE METAL ROD ASSEMBLIES IN ZEEP
2104	OKAZAKI, A. / HONE, D. W.	UK/C/6/120	57-09-27	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM. DIAMETER URANIUM METAL RODS IN HEAVY WATER
1947	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY
2100	OKAZAKI, A. / ALLEN, D. F. / HONE, D. W.	CRRP-648	59-01-00	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM DIAMETER URANIUM METAL RODS IN HEAVY WATER
633	GREEN, R. E. / BIGHAM, C. B.	AECL-1814	63-09-00	URANIUM DIOXIDE LATTICE - PARAMETER MEASUREMENTS IN ZED2
845	GREEN, R. E. / SERDULA, K. J. / BIGHAM, C. B.	TANSAO, 08, 253-254	65-06-00	EXPERIMENTAL LATTICE PARAMETERS FOR 28-ROD CLUSTERS OF NATURAL URANIUM DIOXIDE IN HEAVY WATER
782	SERDULA, K. J. / GREEN, R. E.	AECL-2516	65-10-00	LATTICE MEASUREMENTS WITH 19-ELEMENT NATURAL URANIUM METAL ASSEMBLIES. PART 1 - BUCKLINGS FOR A RANGE OF SPACINGS WITH HEAVY WATER AND HELIUM COOLANTS
890	GREEN, R. E. / KAY, R. E. / OKAZAKI, A. / CASINI, G. / METZDORF, H. J. / PAILLON, M.	TANSAO, 09, 123-124	66-06-00	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD CLUSTERS OF NATURAL URANIUM CARBON IN HEAVY WATER MODERATOR
792	SERDULA, K. J.	AECL-2606	66-07-00	LATTICE MEASUREMENTS WITH 28 - ELEMENT NATURAL URANIUM DIOXIDE FUEL ASSEMBLIES PART 1. BUCKLINGS FOR A RANGE OF SPACINGS WITH THREE COOLANTS
44	TANNER, C. J. / ANDREWS, D. G.	TANSAO, 11, 252-253	68-06-00	BUCKLING MEASUREMENTS IN A HEAVY WATER SUPERLATTICE

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

CANADA, CHALK RIVER NUCLEAR LABORATORIES - ZED (URANIUM DIOXIDE LATTICES)

1874	MEHTA, S. L. / SERDULA, K. J.	AECL-3416	69-07-00	INTEGRAL MEASUREMENTS FOR 28-ELEMENT URANIUM-DIOXIDE ASSEMBLIES WITH AIR, WATER, AND AIR-WATER MIXTURE COOLANTS
------	-------------------------------	-----------	----------	---

COMBUSTION ENGINEERING - LOW ENRICHED FUEL ELEMENTS IN WATER

2001	KLANN, P. G. / DECHAND, C. O. / FEIN, E. / WRIGHT, W. B.	TANSAO, 04, 298-299	61-11-00	CRITICAL EXPERIMENTS WITH LOW ENRICHED DOUBLE ANNULAR SUPERHEATER FUEL ELEMENTS IN LIGHT WATER AND THEIR ANALYSIS
------	--	---------------------	----------	---

CORNELL - ZERO POWER REACTOR CORES

1479	ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A.	TANSAO, 06, 223-225	63-11-00	RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES
------	--	---------------------	----------	--

FRANCE - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

281	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C. / CAIZERGUES, R. / MOREAU, J. / SOLLIER, G.	CEA-R-2653	64-00-00	CRITICALITY STUDIES
1463	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C.	GENEVA-3, 13, 234-243	64-09-00	CRITICALITY STUDIES
780	CLOUET D'ORVAL, C. / DEILGAT, E. / HONELLE, M. / LECORCHE, P.	IAEA-STOCK.-1965, 193-213	65-11-00	EXPERIMENTAL RESEARCH IN FRANCE ON CRITICALITY PROBLEMS
1394	BARRE, J. Y. / RAVIER, J.	PNR/SETR 69.031	69-03-00	USE OF INTEGRAL EXPERIMENTS TO IMPROVE THE CADARACHE CROSS SECTION SET - SET VERSION NO. 2 - APPLICATION TO PHENIX
1685	LECORCHE, P.	TANSAO, 16, 158-159	73-06-00	CRITICAL MASS LABORATORY PROGRAM IN FRANCE.

FRANCE - AQUILON

723	NAUDET, R. / CHABRILLAC, M. / LEDANOIS, G. / LOURME, P.	CEA-R-2477	64-08-00	CRITICAL EXPERIMENTS IN AQUILON WITH FUELS SLIGHTLY ENRICHED IN URANIUM 235 OR IN PLUTONIUM
-----	---	------------	----------	---

FRANCE - CESAR REACTOR

1867	NGUYEN-NGOC, H. / CHARBONNEAU, S.	CEA-N-1276	70-10-00	CESAR AND CONCORDE. APPLICATION OF THE CONCORDE HEXAGONAL SYNTHESIS PROGRAM TO EXPERIMENTS ON THE CESAR CRITICAL REACTOR.
------	-----------------------------------	------------	----------	---

FRANCE - GRAPHITE LATTICES

2082	KOECHLIN, J. C. / TANGUY, P. / ZALESKI, C. P.	BNL-0489, 097-126	57-11-12	FRENCH RESULTS ON THE NATURAL URANIUM-GRAPHITE LATTICES
1950	BACHER, P. / KOECHLIN, J. C. / DE MAZANCOURT, R. / TESTE DU BAILLER, A. / ZALESKI, C. P.	GENEVA-2, 12, 666-684	58-09-00	NATURAL URANIUM-GRAPHITE LATTICES
1873	BACHER, P. / NAUDET, R.	JAABA, 13, 112-127 (ANL-TRANS-787)	61-00-00	MEASUREMENTS OF BUCKLINGS BY THE PROGRESSIVE REPLACEMENT METHOD.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

FRANCE - GRAPHITE LATTICES - CALCULATIONS

1441	DENIZ, V.	NSENAO, 40, 246-253	70-05-00	STUDY OF THE USE OF PULSED-NEUTRON EXPERIMENTS ON MULTIPLYING LATTICES FOR THE ADJUSTMENT OF CRITICALITY CODES
------	-----------	---------------------	----------	--

FRANCE - HEAVY WATER LATTICES

1873	BACHER, P. / NAUDET, R.	JAABA, 13, 112-127 (ANL-TRANS-787)	61-00-00	MEASUREMENTS OF BUCKLINGS BY THE PROGRESSIVE REPLACEMENT METHOD.
------	-------------------------	---------------------------------------	----------	--

FRANCE - HIGHLY ENRICHED URANIUM HEXAFLUORIDE

1426	CAIZERGUES, R. / DEILGAT, E. / LECORCHE, P. / MAUBERT, L. / REVOL, H.	Y-CDC-9	71-05-00	CRITICALITY OF LIQUID MIXTURES OF HIGHLY URANIUM-235 ENRICHED HEXAFLUORIDE AND HYDROFLUORIC ACID
------	---	---------	----------	--

FRANCE - PLUTONIUM AND URANIUM SOLUTIONS

201	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / LECLERC, J. / VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS
279	MOLBERT, M. / SAUVE, A. / HOUELLE, M. / DEILGAT, E.	CEA-2495	64-00-00	CRITICALITY EXPERIMENTS WITH ANNULAR CYLINDERS CONTAINING PLUTONIUM SOLUTIONS
717	BRUNA, J. G. / BRUNET, J. P. / CLOUET D'ORVAL, C. / KREMSER, J.	CEA-R-2453	64-06-00	CRITICALITY EXPERIMENT ON A SOLUTION OF PLUTONIUM AND OF 90% ENRICHED URANIUM. EXPERIMENTAL RESULTS AND CALCULATIONS ON TANK NUMBER 2
280	ITHURRALDE, M. F. / KREMSER, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	CEA-R-2488	64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM
285	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / TELLIER, H. / VERRIERE, P.	CEA-R-2814	65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-239, URANIUM-235, AND URANIUM-233.
282	CAIZERGUES, R. / FIEGEL, A. / ITHURRALDE, M. F.	IAEA-STOCK.-1965, 249-266	65-11-00	INTERPRETATION OF EXPERIMENTAL RESULTS OBTAINED AT THE VALDUC CRITICALITY STATION
781	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / VERRIERE, P.	IAEA-STOCK.-1965, 235-248	65-11-00	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS CARRIED OUT WITH PLUTONIUM-239, URANIUM-235 AND URANIUM 233
65	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3367	67-12-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS SOLUTIONS OF PLUTONIUM - EXPERIMENTAL RESULTS - THEORETICAL INTERPRETATIONS
1461	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / MAUBERT, L.	CEA-R-3946	70-03-00	NEUTRON INTERACTION IN AIR BETWEEN CYLINDRICAL CONTAINERS HOLDING EITHER URANIUM OR PLUTONIUM SOLUTIONS
1925	HUNT, D. C. / ROTHE, R. E.	TANSAO, 13, 380-381	70-06-00	CRITICALITY MEASUREMENTS ON URANIUM METAL SOLUTION COMBINATIONS.
1839	CAIZERGUES, R.	CEA-R-4341	72-06-00	INTERPRETATION OF EXPERIMENTS ON AQUEOUS PLUTONIUM NITRATE SOLUTIONS.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

FRANCE - PLUTONIUM AND URANIUM SOLUTIONS (CONTD.)

1935	COLOMB, G. / MANGIN, D. / MAUBERT, L.	CEA-N-1898	76-09-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS (19% PLUTONIUM-240)
------	--	------------	----------	---

FRANCE - PROSERPINE

291	BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.	GENEVA-2, 12, 539- 562	58-09-00	PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM
722	TACHON, J.	CEA-1547	60-00-00	NEUTRONIC STUDY OF A PLUTONIUM REACTOR, PROSERPINE - CORRELATIONS BETWEEN NEUTRONS IN A CHAIN REACTION
714	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / MORET BAILLY, J. / VERRIERE, P.	CEA-R-2452	62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS
376	BERTRAND, J. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / VERRIERE, P.	CEA-2309	63-00-00	PROSERPINE - CRITICAL MASSSES AND STANDARDS

FRANCE - RACHEL (PLUTONIUM METAL)

391	BOUREGEOIS, P. / CLAIR, C. / COMTE, C. / LONG, J. J.	IAEA-VIENNA-1961, 313-319	61-08-00	DESCRIPTION OF RACHEL CRITICAL ASSEMBLY
394	CLAIR, C.	IAEA-VIENNA-1961, 321-325	61-08-00	NEUTRON PROPERTIES OF RACHEL CRITICAL ASSEMBLY

LANCE - RAPSODIE

332	ZALESKI, C. P. / VAUTREY, L.	CEA-2193	61-10-23	THE FAST BREEDER REACTOR RAPSODIE
127	STEVENS, L. / GOURDON, J.	CEA-R-3354	67-10-00	CRITICAL MASS, ROD WORTH VALUES, AND REACTIVITY COEFFICIENTS FOR RAPSODIE

FRANCE - RASCHIG RINGS

1898	BARBRY, F. / BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3931	69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSILE-MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.
------	--	------------	----------	--

FRANCE - URANIUM - BERYLLIUM OXIDE LATTICES

591	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585- 606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES
-----	--	---------------------------	----------	---

FRANCE - URANIUM(4%)FLUORIDE SOLUTIONS

1692	LECORCHE, P. / MANGIN, D. / MAUBERT, L. / REVOL, H.	CEA-N-1649	73-08-00	CRITICALITY OF 4% URANIUM-235 ENRICHED URANIUM URANYL FLUORIDE SOLUTIONS
------	---	------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

FRANCE - URANIUM(5%)DIOXIDE - WATER LATTICE

820	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAC-1882	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
2052	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAC-1882(ANNEX)	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES

GENERAL ATOMICS - APFA-II (ENRICHED URANIUM METAL)

1191	CROSBIE, K. L. / RUSSELL, J. L.	GA-7102	66-04-07	HAZARDS SUMMARY REPORT FOR APFA-III
1232	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	TANSAO, 09, 233-234	66-06-00	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR
1189	NONE	GA-8280, 135-145	67-10-30	STUDIES IN URANIUM-235

GENERAL ATOMICS - BERYLLIUM OXIDE MODERATED CORE WITH HYDROGEN

2053		GAMD-2837	62-01-22	EXPERIMENTS AND ANALYSIS ON BERYLLIUM OXIDE MODERATED CORES CONTAINING HYDROGEN
------	--	-----------	----------	---

GENERAL ATOMICS - GRAPHITE CRITICAL ASSEMBLY (HTGR)

1992	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	IAEA-AMST.-1963, 3, 035-061	63-09-00	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION
900	BARDES, R. G. / GILLETTE, E. M. / NIRSCHL, R. J. / TRAYLOR, R. C.	TANSAO, 10, 198	67-06-00	EXPERIMENTAL AND ANALYTICAL DETERMINATION OF THE REACTIVITY WORTHS OF URANIUM-233, URANIUM-235, URANIUM- 236 AND NEPTUNIUM-237 SAMPLES IN A SERIES OF URANIUM-235-GRAPHITE CRITICAL ASSEMBLIES
1404	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	TANSAO, 12, 221-223	69-06-00	FAST SPECTRUM MEASUREMENTS ON A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT

GENERAL ATOMICS - THERMIONIC CRITICAL EXPERIMENT

1489	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L. / SARGIS, D. A. / SHARP, R.	GA-8767	68-08-26	FAST CRITICAL EXPERIMENTS IN SUPPORT OF THERMIONIC REACTOR PHYSICS
1186	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	GA-9100	68-12-13	THE NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT ASSEMBLY NO. 1
1345	COHEN, S. C. / MOORE, R. A. / YOUNG, J. C. / RUSSELL, J. L.	NSENAO, 37, 111-126	69-07-00	FAST NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF A HOMOGENEOUS URANIUM-235 POLYETHYLENE CRITICAL ASSEMBLY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

GENERAL ATOMICS - THERMIONIC CRITICAL EXPERIMENT - CALCULATIONS

1298	MOORE, R. A. / SARGIS, D. A. / COHEN, S. C.	NSNAO, 39, 263-272	70-02-00	INTEGRAL TEST OF ENDF/B AND GAM NEUTRON CROSS-SECTION DATA IN A CLEAN FAST ASSEMBLY
------	--	--------------------	----------	---

GENERAL ELECTRIC CO., IDAHO - CAVITY REACTOR

214	LOFTHOUSE, J. H. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 09, 340	66-10-00	CAVITY REACTOR CRITICAL EXPERIMENT
215	HYLAND, R. E. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E.	TANSAO, 10, 008-009	67-06-00	EXPERIMENTAL RESULTS FROM LARGE CAVITY REACTOR CRITICAL
216	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72234	67-09-00	CAVITY REACTOR CRITICAL EXPERIMENT
217	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 10, 419-420	67-11-00	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS
33	PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	NASA-CR-72409	68-05-22	CAVITY REACTOR ENGINEERING MOCKUP CRITICAL EXPERIMENT
48	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72415, GESP- 35	68-05-31	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-II
1134	NONE	GEMP-629	68-08-08	CAVITY REACTOR CRITICAL EXPERIMENT PROGRESS REPORT FOR THE PERIOD INCEPTION THROUGH JULY 31, 1968
1314	PINCOCK, G. D. / KUNZE, J. F.	GESP-129	68-11-15	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-III
601	KUNZE, J. F. / PINCOCK, G. D. / HYLAND, R. E.	NUAPA, 06, 104-115	69-02-00	CAVITY REACTOR CRITICAL EXPERIMENTS

GENERAL ELECTRIC CO., IDAHO - FAST SPECTRUM REFRACTORY METALS

1215	SIMS, F. L. / KUNZE, J. F. / WALSH, W. P. / HENDERSON, W. B.	TANSAO, 09, 488-489	66-10-00	FAST-SPECTRUM REFRACTORY-METAL CRITICAL- EXPERIMENT MEASUREMENTS
------	--	---------------------	----------	---

GENERAL ELECTRIC CO., IDAHO - 710-CE

1425	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	ANL-7320, 195-204	66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE
------	---	-------------------	----------	--

GENERAL ELECTRIC CO., KNOLLS ATOMIC POWER LABORATORY - FPR CRITICAL FACILITY

2056	PANISZCZYN, J. B.	KAPL-M-JBP-1	56-05-24	COMPOSITION OF FPR-1, 2, 2A, AND 3A
------	-------------------	--------------	----------	-------------------------------------

GENERAL ELECTRIC CO., KNOLLS ATOMIC POWER LABORATORY - PRELIMINARY PILE ASSEMBLY (PPA)

244	STEWART, H. B. / GAVIN, G. B.	KAPL-329, PART 1.	50-09-20	ACTIVATION EXPERIMENTS IN THE KAPL PRELIMINARY PILE ASSEMBLIES
1951	SNYDER, T. M.	GENEVA-1, 05, 162- 171	55-08-00	THE CRITICAL ASSEMBLY--A NUCLEAR DESIGN TOOL

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

GENERAL ELECTRIC CO., KNOLLS ATOMIC POWER LABORATORY - PRELIMINARY PILE ASSEMBLY (PPA) (CONTD.)

331	HURWITZ, H. / EHRlich, R.	GENEVA-1, 05, 423-432	55-08-00	COMPARISON OF THEORY AND EXPERIMENT FOR INTERMEDIATE ASSEMBLIES
1133	HOFMANN, P. L. / STORM, M. L.	NSENAO, 03, 313-338	58-03-00	TWO-DIMENSIONAL (R,Z) MULTIGROUP CALCULATION FOR AN INTERMEDIATE SPECTRUM CRITICAL ASSEMBLY
1946	STEWART, H. B. / HOFMANN, P. L. / STORM, M. L. /	GENEVA-2, 12, 142-150	58-09-00	PHYSICS CONSIDERATIONS IN THE DESIGN OF INTERMEDIATE ENERGY SPECTRUM REACTORS

GENERAL ELECTRIC CO., KNOLLS ATOMIC POWER LABORATORY - PRESSURIZED TEST REACTOR (PTR)

2002	MILEY, G. H. / GILLESPIE, R. D. / POLLARD, J. W. / BISTLINE, J. A.	TANSOA, 04, 299-300	61-11-00	DESCRIPTION AND ANALYSIS OF SOME "OVER-MODERATED" CRITICAL EXPERIMENTS FROM 68-550 DEGREES FARENHEIT
2003	MILEY, G. H. / MILLER, B. / HOLMES, J. H.	TANSOA, 04, 300-301	61-11-00	DESCRIPTION AND ANALYSIS OF SOME SEMI-DISTRIBUTED BORON CORES
1995	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	IAEA-AMST.-1963, 2, 391-445	63-09-00	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS

GENERAL ELECTRIC CO., KNOLLS ATOMIC POWER LABORATORY - SOLID HOMOGENEOUS ASSEMBLY (SHA)

2046	FEINER, F. / WEINSTEIN, S. / OAKS, W. C. / COOPER, K. V.	TANSOA, 05, 344-345	62-11-00	PRECISE CRITICALITY DETERMINATIONS IN THE SOLID HOMOGENEOUS ASSEMBLY
1995	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	IAEA-AMST.-1963, 2, 391-445	63-09-00	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS
1478	WEINSTEIN, S. / FEINER, F.	TANSOA, 06, 221	63-11-00	REACTIVITY WORTH OF TRANSVERSE GAPS
1877	RYDIN, R. A. / BURKE, J. / FEINER, F. / SEEMANN, K. W. / STACEY, W. M.	KAPL-P-3847	69-00-00	STATIC MEASUREMENTS PREPARATORY TO SPACE-TIME KINETICS EXPERIMENTS IN THE SHA.

GENERAL ELECTRIC CO., KNOLLS ATOMIC POWER LABORATORY - SOLID HOMOGENEOUS ASSEMBLY (SHA) - CALCULATIONS

414	MENDELSON, M. R.	NSENAO, 32, 319-331	68-06-00	MONTE CARLO CRITICALITY CALCULATIONS FOR THERMAL REACTORS
-----	------------------	---------------------	----------	---

GENERAL ELECTRIC CO., SAN JOSE - MIXED SPECTRUM CRITICAL ASSEMBLY

1425	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	ANL-7320, 195-204	66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE
------	---	-------------------	----------	---

GENERAL ELECTRIC CO., SAN JOSE - SEFOR REACTOR

1932	NOBLE, L. D. / MITZEL, F. / SARMA, B. / WINTZER, D. / LU, Y. S. / KESSLER, G. / PFLASTERER, G. R. / BECKER, R. A. / MANSUR, L.	GEAP-13588	70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.
------	--	------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

GENERAL ELECTRIC CO., VALLECITOS - LOW ENRICHED URANIUM OXIDE - WATER

685	JAWOROWSKI, T. R. / ALINE, P. G. / KOSANKE, H. D.	APED-4236	63-07-15	CONTROL AUGMENTATION CRITICAL EXPERIMENTS
1476	WARZEK, F. G. / JOHNSTON, H. F.	TANSAO, 06, 219-220	63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 1, EXPERIMENTS
1477	PETERSEN, G. T.	TANSAO, 06, 220-221	63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 2, ANALYSES

GERMANY - HEAVY WATER

1496	KUCHLE, M.	IAEA-AMST.-1963, 2, 575-586	63-09-06	PULSED NEUTRON MEASUREMENTS ON A HEAVY WATER REACTOR AT ZERO ENERGY
------	------------	--------------------------------	----------	--

GERMANY - IN-CORE THERMIONIC REACTOR

1550	BLOSER, M. / KIRCH, N. / KRINGS, F. J. / NASEBAND, F. J. / PAUL, N.	NSEAO, 55, 129-146	74-10-00	MEASUREMENTS AT THE CRITICAL FACILITY FOR THE IN-CORE THERMIONIC REACTOR AND COMPARISON WITH CALCULATIONS
------	---	--------------------	----------	---

GERMANY - RFR REACTOR

1799	ENDLER, A.	KERNERGIE, 13, 6-11	70-01-00	CRITICAL EXPERIMENTS AND ZERO-POWER MEASUREMENTS WITH THE CRITICAL FACILITY "RAKE" FOR THE POWER LEVEL INCREASING OF THE RFR REACTOR.
------	------------	---------------------	----------	--

GERMANY - SNEAK (FAST BREEDER)

965	ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G.	ANL-7320, 725-733	66-10-10	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
967	ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D.	ANL-7320, 759-775	66-10-10	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
1180	BORGWALDT, H. / EDELMANN, M. / HABERMANN, F. W. A. / KUBMAUL, G. / MEISTER, H. / SEIFRITZ, W. / STEGEMANN, D.	KFK-899	68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION
1805	BOEHNEL, K. / MEISTER, H.	EURFNR-0861	70-06-00	FAST REACTOR LATTICE EXPERIMENT FOR INVESTIGATION OF K(INF) AND REACTION RATE RATIOS IN SNEAK, ASSEMBLY 5.
1920	CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER- HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIKOFF, O. / VIDAL, R. / WITTEK, G.	TANSAO, 13, 292-293	70-06-00	JOINT EXPERIMENTS ON MASURCA, ERMINE, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.
1708	FISCHER, E. A. / MC GRATH, P. E.	EURFNR-1193	74-03-00	PHYSICS INVESTIGATIONS OF TWO PLUTONIUM- FUELED FAST CRITICAL ASSEMBLIES: SNEAK- 7A AND 7B

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

GERMANY - SNEAK (FAST BREEDER) (CONTD.)

1508	FISCHER, E. A.	NSENAO, 62, 105-116	77-01-00	INTEGRAL MEASUREMENTS OF THE EFFECTIVE DELAYED NEUTRON FRACTIONS IN THE FAST CRITICAL ASSEMBLY SNEAK
------	----------------	---------------------	----------	--

GERMANY - SNEAK (FAST BREEDER) - CALCULATIONS

1179	KUSTERS, H./ SCHMIDT, J. J./ BROEDERS, C. H. M./ EISEMANN, E./ METZENROTH, M./ SCHROETER, K. E./ THIEM, D.	KFK-793	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE
1409	EISEMANN, E./ KUESTERS, H./ METZENROTH, M./ SCHMIDT, J. J./ SCHROETER, K. E./ THIEM, D.	TANSAO, 11, 601-602	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE
1303	BROEDERS, C. H. M.	KFK-939	69-01-00	THE INFLUENCE OF NUCLEAR DATA UNCERTAINTIES ON PROPERTIES OF CRITICAL ASSEMBLIES
1801	KIEFHABER, E./ SCHMIDT, J. J.	EURFNR-0858	70-09-00	EVALUATION OF FAST CRITICAL EXPERIMENTS USING RECENT METHODS AND DATA.

GERMANY - STARK (COUPLED FAST-THERMAL ZERO POWER REACTOR)

917	BARLEON, L./ BAYER, A./ BRUCKNER, C./ BURKART, K. / FIEG, G./ KUHN, D./ KUSSMAUL, G./ MEISTER, H. / SEUFERT, H./ STEGEMANN, D./ WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK
1180	BORGWALDT, H./ EDELMANN, M./ HABERMANN, F. W. A./ KUBMAUL, G./ MEISTER, H. / SEIFRITZ, W./ STEGEMANN, D.	KFK-899	68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION

GERMANY - SUAK

947	KUCHLE, M./ MITZEL, F./ WATTECAMPS, E./ WERLE, H.	ANL-7320, 506-523	66-10-10	MEASUREMENTS OF NEUTRON SPECTRA AND DECAY CONSTANTS WITH THE FAST SUBCRITICAL FACILITY SUAK
-----	--	-------------------	----------	---

GERMANY - SUAK - CALCULATIONS

1801	KIEFHABER, E./ SCHMIDT, J. J.	EURFNR-0858	70-09-00	EVALUATION OF FAST CRITICAL EXPERIMENTS USING RECENT METHODS AND DATA.
------	----------------------------------	-------------	----------	---

GERMANY - URANIUM(36%) LATTICES (WWR-SM)

1614	JOZEFOWICZ, EDWARD T.	NUKLEONIKA, 15, 399- 410	70-04-00	BASIC STATIC PARAMETERS FOR WWR-SM LATTICES WITH WATER CHANNELS. ESTIMATION OF HETEROGENEITY EFFECT ON NEUTRON AGE.
------	-----------------------	-----------------------------	----------	--

GERMANY - WATER FLOODED HTGR

1572	DRUEKE, V. / FILGES, S. / KIRCH, N. / NEEF, R. D.	NSENAO, 57, 328-332	75-08-00	EXPERIMENTAL AND THEORETICAL STUDIES OF CRITICALITY SAFETY BY INGRESS OF WATER IN SYSTEMS WITH PEBBLE-BED HIGH- TEMPERATURE GAS-COOLED REACTOR FUEL
------	--	---------------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

1264	CLAYTON, E. D.	PHYSICS TODAY, SEPT. (1965), 46-52	65-09-00	PLUTONIUM CRITICALITY EXPERIMENTS
2031	HANSEN, L. E. / CLAYTON, E. D.	TANSAO, 15, 309-310	72-06-00	THEORY-EXPERIMENT TESTS USING ENDF/B VERSION II CROSS-SECTION DATA
1538	BIERMAN, S. R.	TANSAO, 18, 160-161	74-06-00	STATUS OF CRITICALITY DATA AND EXPERIMENTS ON HOMOGENEOUS SYSTEMS OF PLUTONIUM-URANIUM

HANFORD - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES - CALCULATIONS

1943	KELLER, N. A.	AECL-5535	76-07-00	VALIDATION OF THE KENO AND SU-HAMMER CODES FOR PLUTONIUM SYSTEMS
------	---------------	-----------	----------	--

HANFORD - ENRICHED URANIUM - WATER LATTICES

812	BLOCK, E. Z.	HW-48893	57-03-06	ENRICHED URANIUM - WATER LATTICES
1087	CLAYTON, E. D. / BLOCK, E. Z.	HW-51983	57-08-00	BUCKLING MEASUREMENTS WITH ENRICHED HOLLOW FUEL ELEMENTS IN LIGHT WATER PHYSICS RESEARCH QUARTERLY REPORT
1940	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	TANSAO, 24, 123-125	76-11-00	CRITICALITY STUDIES OF A NEUTRON MULTIPLIER

HANFORD - IRRADIATED AND UNIRRADIATED URANIUM METAL FUEL ELEMENTS

1583	TOFFER, H. / NIELSEN, L. A.	TANSAO, 22, 292-295	75-11-00	SUBCRITICAL MEASUREMENTS WITH IRRADIATED AND UNIRRADIATED URANIUM METAL FUEL ELEMENTS
------	-----------------------------	---------------------	----------	---

HANFORD - MIXED URANIUM-PLUTONIUM NITRATE SOLUTIONS

1564	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 21, 236-237	75-06-00	CRITICALITY OF PLUTONIUM--URANIUM NITRATE SOLUTION CONTAINING GLASS RASCHIG RINGS
------	-------------------------------	---------------------	----------	---

HANFORD - MTR - PHOENIX FUEL ELEMENTS

1804	DAVIS, E. C. / SMITH, R. I. / WILLIAMS, L. D.	BNWL-1481	70-06-00	CRITICAL EXPERIMENTS IN AN MTR MOCKUP USING PHOENIX FUEL.
1922	KUTCHER, J. W. / DAVIS, E. C. / HEEB, C. M.	TANSAO, 13, 245-246	70-06-00	MTR-PHOENIX FUEL CRITICAL EXPERIMENTS AND ANALYSIS.
1815	KUTCHER, J. W. / DAVIS, E. C.	BNWL-1593	71-06-00	THE MTR-PHOENIX FUEL EXPERIMENT- CRITICAL TEST AND BURNUP RESULTS.

HANFORD - PCTR MEASUREMENTS OF K(INF)

646	HANDLER, H. E.	HW-S1168	57-07-01	EXPERIMENTS TO DETERMINE THE INFINITE MULTIPLICATION FACTORS OF ENRICHED URANYL FLUORIDE-WATER MIXTURES
2060	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 089-094	57-11-12	THE NUCLEAR PARAMETERS OF SOME LARGE PROCESS TUBE LATTICES FROM PCTR MEASUREMENTS
2080	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	BNL-0489, 069-084	57-11-12	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - PCTR MEASUREMENTS OF K(INF) (CONTD.)

2081	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 085-088	57-11-12	THE NUCLEAR PARAMETERS OF SOME GRAPHITE, NATURAL URANIUM LATTICES MEASURED IN THE PCTR
877	ENGESSER, F. C. / LILLEY, J. R.	HW-55879, 16-23	58-04-29	PLUTONIUM SPIKE ENRICHMENT
878	LILLEY, J. R. / ENGESSER, F. C.	HW-55879, 24-25	58-04-29	K(INF) MEASUREMENTS FOR A THREE PIECE, ANNULAR URANIUM DIOXIDE FUEL ELEMENT IN AN 8 INCH TRIANGULAR HEAVY WATER LATTICE
346	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	NSENAO, 04, 297-321	58-09-00	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR
880	NEELEY, V. I.	HW-60220, 35-45	59-04-20	MEASUREMENT OF K(INF) FOR 2 PERCENT ENRICHED URANIUM TETRAFLUORIDE-PARAFFIN MIXTURE
882	NEELEY, V. I. / BERBERET, J. A.	HW-60220, 52-54	59-04-20	MEASUREMENTS OF K(INF) FOR 3 PERCENT ENRICHED URANIUM FLUORIDE-HYDROGEN MODERATED SYSTEMS
647	NEELEY, V. I.	HW-62031	59-09-22	A COMPARISON OF PCTR AND CRITICAL EXPERIMENT DETERMINATION OF K(INF) FOR 2 WEIGHT PERCENT URANIUM-235, ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN
373	MIHALCZO, J. T.	ORNL-CF-60-04-24	60-05-03	COMPARISON OF K(INF) MEASUREMENTS IN A CRITICAL ASSEMBLY WITH K(INF) MEASUREMENTS IN THE PHYSICAL CONSTANTS TESTING REACTOR
166	NEELEY, V. I. / HANDLER, H. E.	HW-70310	61-08-21	MEASUREMENT OF MULTIPLICATION CONSTANT FOR SLIGHTLY ENRICHED HOMOGENEOUS URANIUM TRIOXIDE - WATER MIXTURES AND MINIMUM ENRICHMENT FOR CRITICALITY
175	NEELEY, V. I. / BERBERET, J. A. / MASTERSON, R. H.	HW-66882	61-09-00	K(INF) OF THREE WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TRIOXIDE AND URANYL NITRATE HYDROGENOUS SYSTEMS
172	MASTERSON, R. H. / WHITE, J. D. / POWELL, T. J.	HW-77089	63-03-27	THE LIMITING CRITICAL CONCENTRATIONS FOR PLUTONIUM-239 AND URANIUM-235 IN AQUEOUS SOLUTIONS
841	ALBERTSON, D. G. / BUSSELMAN, G. J.	TANSAO, 08, 448-449	65-11-00	ANALYSIS AND MEASUREMENT OF PLUTONIUM ALUMINUM-POLYTHENE SYSTEMS IN THE PCTR
905	BIERMAN, S. R. / HESS, G. M.	TANSAO, 10, 539-540	67-11-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT FOR URANYL NITRATE HYDROGENOUS SYSTEMS
1227	NEWMAN, D. F. / DAVENPORT, L. C.	BNWL-1240	69-11-30	NEUTRON FLUX SPECTRUM STUDIES IN THE PCTR FAST NEUTRON CAVITY
1527	CLARK, H. K.	TANSAO, 17, 278-279	73-11-00	MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239
1528	RICHEY, C. R.	TANSAO, 17, 279-280	73-11-00	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER
1447	RICHEY, C. R.	NSENAO, 55, 244-248	74-10-00	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER

HANFORD - PCTR MEASUREMENTS OF K(INF) - CALCULATIONS

1430	MAGNUSON, D. W.	ORNL/TM-5443	76-05-00	CALCULATED LIMITING CRITICAL CONCENTRATIONS OF PLUTONIUM IN NATURAL URANIUM AND WATER
------	-----------------	--------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - PCTR MEASUREMENTS OF K(INF) - CALCULATIONS (CONTD.) HANFORD - PLUTONIUM - ISOLATION WORTHS OF VARIOUS MATERIALS

853	WHITE, J. D. / RICHEY, C. R.	BNWL-0193, 57-67	65-10-15	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS
837	WHITE, J. D. / RICHEY, C. R.	TANSAO, 08, 441-442	65-11-00	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS

HANFORD - PLUTONIUM AND URANIUM NITRATE SOLUTIONS WITH RASHIG RINGS

1733	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 13, 664-665	70-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING RASCHIG RINGS.
1676	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 50, 127-134	73-02-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING BORATED RASCHIG RINGS.
1564	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 21, 236-237	75-06-00	CRITICALITY OF PLUTONIUM--URANIUM NITRATE SOLUTION CONTAINING GLASS RASCHIG RINGS

HANFORD - PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS

366	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D.	HW-77871	63-00-00	SUBCRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
367	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / BIERMAN, S. R. / GARLID, K. L. / SKEEN, D. R.	HW-79054	63-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
970	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-80020, 31-37	64-01-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE POLYSTYRENE COMPACTS
816	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-81659, 45-48	64-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
298	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 07, 081	64-06-00	HOMOGENEOUS CRITICAL EXPERIMENTS WITH PLUTONIUM/PLASTIC MIXTURES IN THE INTERMEDIATE ENERGY RANGE
487	CLAYTON, E. D.	HW-83603	64-10-00	PROGRESS IN PLUTONIUM CRITICAL MASS PHYSICS, 1961-1964
752	WHITE, J. D. / RICHEY, C. R.	HW-84608	65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS
756	RICHEY, C. R. / WHITE, J. D.	BNWL-0095	65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS
747	SKEEN, D. R.	BNWL-0149, 48-56	65-07-15	FOIL ACTIVATION STUDIES IN TWO PLUTONIUM CRITICAL SYSTEMS
416	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / LLOYD, R. C.	NSENAO, 23, 150-158	65-10-00	CRITICALITY OF HOMOGENEOUS PLUTONIUM OXIDE-PLASTIC COMPACTS AT HYDROGEN TO PLUTONIUM RATIO = 15
853	WHITE, J. D. / RICHEY, C. R.	BNWL-0193, 57-67	65-10-15	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS
779	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	IAEA-STOCK.-1965, 215-233	65-11-00	CRITICALITY RESEARCH ON PLUTONIUM
837	WHITE, J. D. / RICHEY, C. R.	TANSAO, 08, 441-442	65-11-00	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS (CONTD.)

1281	BIERMAN, S. R. / HANSEN, L. E. / WOODRUFF, G. L. / LLOYD, R. C. / HESS, G. M.	BNWL-0340, 46-49	66-10-15	NEUTRON SPECTRA EXPERIMENTS
902	BAXTER, A. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 10, 536	67-11-00	STUDIES OF CRITICAL ASSEMBLIES OF HOMOGENEOUS MIXTURES OF PLUTONIUM OXIDE AND POLYSTYRENE
2019	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 11, 380-381	68-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE - POLYSTYRENE AT 5 HYDROGEN:PLUTONIUM
1276	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	NUAPA, 06, 023-026	69-01-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE-POLYSTYRENE AT 5 HYDROGEN/PLUTONIUM
1915	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 13, 379-380	70-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM OXIDE.
1618	BIERMAN, S. R. / CLAYTON, E. D.	NUTYBB, 11, 185-190	71-06-00	CRITICAL EXPERIMENTS WITH UNMODERATED PLUTONIUM OXIDE.

HANFORD - PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS - CALCULATIONS

804	HANSEN, L. E. / CLAYTON, E. D.	NUAPA, 03, 481-487	66-08-00	CRITICALITY OF PLUTONIUM COMPOUNDS IN THE UNDERMODERATED RANGE HYDROGEN - PLUTONIUM LESS THAN 20
-----	--------------------------------	--------------------	----------	--

HANFORD - PLUTONIUM NITRATE IN WATER

13	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24514 (DEL)	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS
1077	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24512	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS
356	CLAYTON, E. D.	HW-71747	61-10-13	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
357	CLAYTON, E. D. / LLOYD, R. C. / REARDON, W. A.	TANSAO, 05, 075-076	62-00-00	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
362	LLOYD, R. C. / CLAYTON, E. D. / REARDON, W. A.	HW-73116	62-04-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
361	LLOYD, R. C. / CLAYTON, E. D.	HW-74190	62-07-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
360	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R.	HW-75228	62-10-25	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
329	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311, 40-47	63-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
359	LLOYD, R. C. / CLAYTON, E. D.	HW-76128	63-01-15	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
358	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311	63-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
827	LLOYD, R. C. / SKEEN, D. R. / CLAYTON, E. D.	HW-83187, 10-20	64-07-15	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SPHERICAL GEOMETRY
487	CLAYTON, E. D.	HW-83603	64-10-00	PROGRESS IN PLUTONIUM CRITICAL MASS PHYSICS, 1961-1964

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - PLUTONIUM NITRATE IN WATER (CONTD.)

747	SKEEN, D. R.	BNWL-0149, 48-56	65-07-15	FOIL ACTIVATION STUDIES IN TWO PLUTONIUM CRITICAL SYSTEMS
840	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	TANSAO, 08, 444-445	65-11-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
283	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	BNWL-SA-0232	66-00-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
525	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	NSENAO, 25, 165-173	66-06-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
864	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 56-58	66-10-15	BASIC CRITICALITY EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY
1258	HESS, G. M. / BIERMAN, S. R.	BNWL-0340, 49-50	66-10-15	PULSED NEUTRON SOURCE MEASUREMENTS - PLUTONIUM NITRATE SOLUTIONS
2020	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 11, 381-382	68-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY
1765	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 12, 870-872	69-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION SLABS HAVING HIGH PLUTONIUM-240 CONTENT.
1733	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 13, 664-665	70-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING RASCHIG RINGS.
1622	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 14, 037	71-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION CONTAINING SOLUBLE GADOLINIUM.
2029	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 15, 307	72-06-00	THE CRITICALITY OF HIGH BURNUP PLUTONIUM
1676	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 50, 127-134	73-02-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING BORATED RASCHIG RINGS.
1683	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E. / BIERMAN, S. R.	NUTYBB, 18, 225-230	73-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY.

HANFORD - PLUTONIUM NITRATE IN WATER - CALCULATIONS

1042	MILLS, C. B.	NSENAO, 09, 377-390	61-03-00	MINIMUM CRITICAL DIMENSIONS FOR WATER SOLUTIONS
568	RICHEY, C. R.	NSENAO, 31, 032-039	68-01-00	THEORETICAL ANALYSES OF HOMOGENEOUS PLUTONIUM CRITICAL EXPERIMENTS
1280	HANSEN, L. E. / CLAYTON, E. D.	NUAPA, 06, 381-390	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART-2: INTERPRETATION
1943	KELLER, N. A.	AECL-5535	76-07-00	VALIDATION OF THE KENO AND SU-HAMMER CODES FOR PLUTONIUM SYSTEMS

HANFORD - PLUTONIUM RECYCLE TEST REACTOR

1998	TRIPLETT, J. R. / SCHMID, L. C. / PETERSON, R. E. / DUNN, R. E. / REGIMBAL, J. J.	TANSAO, 04, 115-116	61-06-00	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS
------	---	---------------------	----------	--

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE**

HANFORD - PLUTONIUM RODS IN WATER

2012	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-64866, 137-142	60-04-20	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
236	NEELEY, V. I. / CLAYTON, E. D. / LLOYD, R. C.	TANSAO, 03, 292-293	60-06-00	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
192	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-70944	61-08-29	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY ROD IN LIGHT WATER
745	LAUBY, J. H.	BNWL-0149, 05-17	65-07-15	SUMMARY OF WATER MODERATED EXPERIMENTS WITH 1.8 WT% PLUTONIUM- ALUMINUM FUEL IN THE PRCF
1962	UOTINEN, V. O. / LAUBY, J. H. / STINSON, W. P. / DWIVEDI, S. R.	NSENAO, 44, 66-71	71-04-00	REACTOR KINETIC PARAMETERS OF LATTICES OF PLUTONIUM AND URANIUM IN WATER

HANFORD - PLUTONIUM RODS IN WATER - CALCULATIONS

815	WORDEN, J. R. / LIKALA, R. C. / REARDON, W. A.	HW-81659, 33-44	64-04-15	AN ANALYSIS OF PLUTONIUM LIGHT WATER CRITICAL EXPERIMENTS
-----	--	-----------------	----------	---

HANFORD - SLIGHTLY ENRICHED URANIUM RODS IN URANYL NITRATE - CALCULATIONS

569	RICHEY, C. R.	NSENAO, 31, 040-048	68-01-00	CRITICALITY OF HETEROGENEOUS ARRAYS UNDERGOING DISSOLUTION
-----	---------------	---------------------	----------	--

HANFORD - SLIGHTLY ENRICHED URANIUM RODS IN WATER WITH FIXED POISONS

2112	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	NUREG/CR-0073	78-05-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 4.29 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
------	--	---------------	----------	--

HANFORD - SLIGHTLY ENRICHED URANIUM RODS IN WATER

645	CLAYTON, E. D.	HW-40930	56-01-16	EXPONENTIAL PILE MEASUREMENTS IN WATER MODERATED LATTICES WITH ENRICHED URANIUM-WATER ROD LATTICES
871	BLOCK, E. Z.	HW-43441, 37	56-05-31	CLUSTER ROD LATTICES WITH NATURAL URANIUM
872	BLOCK, E. Z. / CLAYTON, E. D.	HW-47012, 12-19	56-11-00	BUCKLING MEASUREMENTS WITH ENRICHED FUEL ELEMENTS IN LIGHT WATER
1088	LLOYD, R. C.	HW-54591	58-03-05	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN A RANDOM ARRAY, WATER MODERATED NUCLEAR PHYSICS RESEARCH QUARTERLY REPORT
814	LLOYD, R. C.	HW-55879, 09-11	58-04-29	NUCLEAR SAFETY SPECIFICATIONS FOR ENRICHED URANIUM IN THE 1.25-2 PERCENT RANGE
876	LLOYD, R. C.	HW-55879, 12	58-04-29	BUCKLING MEASUREMENTS FOR FUEL ELEMENTS IN A RANDOM ARRAY
879	LLOYD, R. C. / CLAYTON, E. D. / HANDLER, H. E.	HW-56919	58-07-21	CRITICALITY PARAMETERS FOR LATTICES WITH 1.6 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - SLIGHTLY ENRICHED URANIUM RODS IN WATER (CONTD.)

1122	LLOYD, R. C.	HW-57853	58-10-00	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN RANDOM ARRAYS
238	LLOYD, R. C. / SMITH, R. B.	HW-57861	58-10-20	CRITICALITY MEASUREMENTS ON HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS
239	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-59126	59-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS
881	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-60220, 47-51	59-04-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
883	LLOYD, R. C.	HW-60220, 55-57	59-04-20	EXPONENTIAL MEASUREMENTS WITH 1.25 PERCENT ENRICHED URANIUM
2035	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	TANSAO, 01, 2, 062- 063	59-06-00	NEUTRON MULTIPLICATION MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
1126	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-61181, 52-58	59-07-00	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
240	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-62727	59-10-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEM
187	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B. / NEELEY, V. I.	HW-63576, 65-69	60-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM AND WATER SYSTEMS
2013	LLOYD, R. C.	HW-64866, 150-151	60-04-20	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM - WATER SYSTEMS
2014	LLOYD, R. C.	HW-64866, 148-149	60-04-20	EXPONENTIAL EXPERIMENTS WITH POISONED MODERATOR
2015	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-64866, 143-147	60-04-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 3.1% ENRICHED URANIUM RODS IN LIGHT WATER
846	REARDON, W. A. / LLOYD, R. C.	TANSAO, 03, 070-071	60-06-00	SHAPE PERTURBATIONS IN CRITICAL EXPERIMENTS
130	LLOYD, R. C.	HW-65552	60-06-08	SUMMARY LISTING OF SUBCRITICAL MEASUREMENTS OF HETEROGENEOUS WATER- URANIUM LATTICES MADE AT HANFORD
188	LLOYD, R. C. / CLAYTON, E. D. / JONES, B. L.	HW-66215, 30-33	60-07-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 2.00 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER
390	RICHEY, C. R. / LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 21, 217-226	65-02-00	CRITICALITY OF SLIGHTLY ENRICHED URANIUM IN WATER-MODERATED LATTICES
750	BROWN, C. L. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-0052	65-03-00	EXPONENTIAL EXPERIMENTS AND NEUTRON MULTIPLICATION MEASUREMENTS WITH 1.25 PERCENT ENRICHED N-REACTOR FUEL ELEMENTS IN LIGHT WATER
777	BROWN, C. L. / LLOYD, R. C.	BNWL-0193, 45-56	65-10-15	MEASUREMENTS OF MATERIAL BUCKLINGS FOR 1.002, 1.25 AND 1.95 PERCENT WEIGHT URANIUM-235 ENRICHED URANIUM TUBE LATTICES IN LIGHT WATER
839	BROWN, C. L. / LLOYD, R. C.	TANSAO, 08, 443-444	65-11-00	RECENT EXPONENTIAL AND CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM METAL TUBES IN LIGHT WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - SLIGHTLY ENRICHED URANIUM RODS IN WATER (CONTD.)

543	BROWN, C. L. / LLOYD, R. C.	NSENAO, 27, 010-015	67-01-00	MATERIAL BUCKLINGS FOR 1.002, 1.25, AND 1.95 WT% URANIUM-235- ENRICHED URANIUM TUBES IN LIGHT WATER
898	BROWN, C. L. / HANSEN, L. E. / TOFFER, H.	TANSAO, 10, 191-192	67-06-00	EXPERIMENTAL BUCKLING MEASUREMENTS WITH 2.1 PERCENT ENRICHED URANIUM TUBES IN LIGHT WATER
1143	BROWN, C. L. / HANSEN, L. E.	NSENAO, 35, 358-363	69-03-00	MATERIAL BUCKLING MEASUREMENTS WITH 2.1 WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TUBES IN LIGHT WATER
1962	UOTINEN, V. O. / LAUBY, J. H. / STINSON, W. P. / DWIVEDI, S. R.	NSENAO, 44, 66-71	71-04-00	REACTOR KINETIC PARAMETERS OF LATTICES OF PLUTONIUM AND URANIUM IN WATER
2094	BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	PNL-2438	77-10-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
1456	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 422-424	77-11-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
1457	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 424-425	77-11-00	BENCHMARK CALCULATIONS FOR SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS

HANFORD - SLIGHTLY ENRICHED URANIUM RODS IN URANYL NITRATE

1552	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 19, 183-184	74-11-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM DIOXIDE/PLUTONIUM DIOXIDE SOLIDS IN FISSILE SOLUTION CONTAINING GADOLINIUM NITRATE
------	-------------------------------	---------------------	----------	--

HANFORD - SLIGHTLY ENRICHED URANIUM RODS IN WATER - CALCULATIONS

2025	CHITWOOD, R. A.	TANSAO, 11, 387-389	68-06-00	THE APPLICATION OF THE HAMMER COMPUTER CODE TO EX-REACTOR CRITICALITY CALCULATIONS
652	GRAY, A. W. / JONES, L. L.	WAPD-TM-0933	70-03-00	AN ANALYTICAL STUDY OF THE MINIMUM CRITICAL MASS OF HIGHLY ENRICHED URANIUM-235 WHEN REFLECTED BY NATURAL URANIUM AND WATER MIXTURES IN OPTIMIZED LATTICES

HANFORD - URANIUM-233 SOLUTIONS

863	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 51-56	66-10-15	NEUTRON INTERACTION EXPERIMENTS WITH BOTTLES OF URANIUM-233 SOLUTIONS
896	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 10, 188-189	67-06-00	INTERACTING ARRAYS OF CONTAINERS WITH URANIUM-233 SOLUTION
1250	LLOYD, R. C. / CLAYTON, E. D. / CHALMERS, J. H.	NUAPA, 04, 136-141	68-03-00	CRITICALITY OF ARRAYS OF URANIUM-233 SOLUTION

HANFORD - URANIUM(1%) - GRAPHITE LATTICES

1018	DAVENPORT, D. E.	GENEVA-1, 05, 309-316	55-08-00	EXPONENTIAL EXPERIMENTS IN GRAPHITE SYSTEMS
------	------------------	-----------------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - URANIUM(1%) - GRAPHITE LATTICES (CONTD.)

1038	GAST, P. F.	GENEVA-1, 05, 288-294	55-08-00	NORMAL URANIUM, GRAPHITE-MODERATED REACTORS: A COMPARISON OF THEORY AND EXPERIMENT--WATER COOLED LATTICES
810	CLAYTON, E. D. / LLOYD, R. C.	HW-43441, 33-36	56-05-31	ENRICHED URANIUM - GRAPHITE LATTICES
811	LLOYD, R. C.	HW-47012	56-11-05	ENRICHED URANIUM, GRAPHITE LATTICES
873	LLOYD, R. C.	HW-48893	57-03-06	ENRICHED URANIUM - GRAPHITE LATTICES
2061	CLAYTON, E. D.	BNL-0489, 189-210	57-11-12	BUCKLING MEASUREMENTS WITH ENRICHED URANIUM IN GRAPHITE SYSTEMS
817	ENDRES, G. W. R. / WOOD, D. E.	HW-60220, 27-32	59-04-20	MATERIAL BUCKLINGS OF GRAPHITE-URANIUM LATTICES
2041	WOOD, D. E. / ENDRES, G. W. R.	TANSAO, 02, 2, 084-085	59-11-00	GRAPHITE - URANIUM EXPONENTIAL MEASUREMENTS FOR LARGE FUEL ELEMENTS
1988	WOOD, D. E.	HW-69525	61-05-00	MATERIAL BUCKLING MEASUREMENTS ON GRAPHITE-URANIUM SYSTEMS AT HANFORD: A SUMMARY TABULATION

HANFORD - URANIUM-PLUTONIUM DIOXIDE ELEMENT IN WATER

735	SCHMID, L. C. / STINSON, W. P. / LIIKALA, R. C. / WORDEN, J. R.	HW-81659, 04-09	64-04-15	EXPERIMENTS WITH PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUEL ELEMENTS IN LIGHT WATER
798	LIIKALA, R. C. / STINSON, W. P. / WORDEN, J. R.	TANSAO, 07, 216	64-11-00	CRITICAL MASSES AND BUCKLINGS OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER SYSTEMS
891	LIIKALA, R. C. / STINSON, W. P.	TANSAO, 09, 127-128	66-06-00	EXPERIMENTAL AND ANALYTICAL RESULTS FOR PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES
799	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-0340, 09	66-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - URANIUM DIOXIDE FUEL RODS
826	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-0400	67-04-15	CRITICAL EXPERIMENTS IN PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES
1890	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-SA-1107	67-05-23	EXPERIMENTS AND CALCULATIONS FOR WATER-MODERATED ASSEMBLIES CONTAINING URANIUM DIOXIDE -- 2 WT% PLUTONIUM DIOXIDE FUEL RODS
1732	BROWN, C. L. / ROGERS, C. A.	TANSAO, 13, 663-664	70-11-00	CRITICAL APPROACH AND EXPONENTIAL EXPERIMENTS WITH PROTOTYPE FFTF DRIVER FUEL PINS IN WATER.
1960	UOTINEN, V. O. / LAUBY, J. H. / SCHMID, L. C. / STINSON, W. P.	NUTYBB, 15, 257-271	72-08-00	LATTICES OF PLUTONIUM-ENRICHED RODS IN LIGHT WATER--PART 1: EXPERIMENTAL RESULTS
1710	MAGNUSON, D. W.	ORNL-TM-4767	74-12-00	CRITICALITY CALCULATIONS FOR PLUTONIUM-DIOXIDE/URANIUM-DIOXIDE/WATER MIXTURES USING ENDF/B VERSION III CROSS SECTION DATA AND 123 GROUP XSRDRN TRANSPORT CODE
1936	SMITH, R. I. / KONZEK, G. J.	PB-255728	76-04-00	CLEAN CRITICAL EXPERIMENT BENCHMARKS FOR PLUTONIUM RECYCLE IN LWR'S. VOLUME I. FINAL REPORT

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - URANIUM-PLUTONIUM MIXED OXIDES

1757	HANSEN, L. E. / BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 12, 869-870	69-11-00	CRITICALITY OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE AQUEOUS MIXTURES
1883	ROGERS, C. A. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-1258	69-11-00	REFLECTOR SAVINGS FOR URANYL NITRATE OF LOW ENRICHMENT.
1626	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 14, 040-041	71-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 15 AND 30 WT% PLUTONIUM.
2030	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 307-309	72-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 8 AND 30 WT% PLUTONIUM
1673	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 805-806	72-11-00	CRITICALITY EXPERIMENTS OF LWR MIXED OXIDES AT 20 HYDROGEN:PLUTONIUM+URANIUM.
1677	BIERMAN, S. R. / CLAYTON, E. D. / HANSEN, L. E.	NSENAO, 50, 115-126	73-02-00	CRITICAL EXPERIMENTS WITH-HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM.
1521	BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 265	73-11-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1705	BIERMAN, S. R. / CLAYTON, E. D.	BNWL-B-338	74-01-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1547	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 058-066	74-09-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER--CADMIUM PLATES
1613	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 23, 236-237	76-06-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8 AND 15 WT% PLUTONIUM
1503	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	BNWL-2129	76-10-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTH OF MATERIALS COMMONLY ENCOUNTERED AS FIXED NEUTRON POISONS
1453	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 61, 370-376	76-11-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM
1517	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	TANSAO, 24, 209-210	76-11-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTHS OF MATERIALS COMMONLY ENCOUNTERED AS FIXED-NEUTRON POISONS

HANFORD - URANIUM-PLUTONIUM MIXED OXIDES IN FISSILE SOLUTIONS

1541	LLOYD, R. C.	TANSAO, 18, 165-166	74-06-00	CRITICALITY OF URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE SOLIDS IN FISSILE SOLUTION
1545	LLOYD, R. C.	NSENAO, 54, 367-368	74-07-00	CALCULATIONS ON RASCHIG-RING-POISONED PLUTONIUM SOLUTIONS SYSTEMS USING HANSEN--ROACH CROSS SECTIONS
1707	LLOYD, R. C. / CLAYTON, E. D.	BNWL-SA-5100	74-07-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM OXIDE -- PLUTONIUM OXIDE SOLIDS IN FISSILE SOLUTION CONTAINING GADOLINIUM NITRATE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

HANFORD - URANIUM-PLUTONIUM MIXED OXIDES IN FISSILE SOLUTIONS (CONTD.)

1577	LLOYD, R. C.	TANSAO, 22, 292	75-11-00	EFFECT OF GADOLINIUM ON CRITICALITY OF URANIUM + PLUTONIUM SOLUTIONS
1574	LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 59, 021-026	76-01-00	CRITICALITY SAFETY DATA APPLICABLE TO PROCESSING LIQUID-METAL FAST BREEDER REACTOR FUEL
1429	CLAYTON, E. D.	BNWL-B-468	76-02-00	PROGRESS REPORT ON PLUTONIUM CRITICALITY STUDIES
1588	LLOYD, R. C. / CLAYTON, E. D.	BNWL-B-482	76-04-00	SUMMARY OF CRITICALITY DATA OBTAINED AT BATTTELLE PACIFIC NORTHWEST LABORATORIES ON FIXED AND SOLUBLE POISONS IN URANIUM + PLUTONIUM NITRATE SOLUTIONS

HANFORD - URANIUM-PLUTONIUM NITRATE SOLUTIONS

1671	LLOYD, R. C. / CLAYTON, E. D. / BIERMAN, S. R.	TANSAO, 15, 803-804	72-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS.
1526	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 269-270	73-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS CONTAINING 30 WT% PLUTONIUM
1548	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 051-057	74-09-00	CRITICALITY OF PLUTONIUM-URANIUM MIXTURES CONTAINING 5 TO 8 WT% PLUTONIUM
1502	LLOYD, R. C. / CLAYTON, E. D. /	NSENAO, 60, 143-146	76-06-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS
1612	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 23, 234-235	76-06-00	EFFECT OF BORON AND GADOLINIUM ON THE CRITICALITY OF PLUTONIUM-URANIUM SYSTEMS

HANFORD - URANIUM-PLUTONIUM-ALUMINUM DISKS - BORATED POLYETHYLENE

774	BUSSELMAN, G. J.	BNWL-0149, 27-32	65-07-15	PHYSICS ANALYSIS OF A URANIUM-ALUMINUM POLYETHYLENE SYSTEM
1176	BUSSELMAN, G. J.	BNWL-0149, 33-35	65-07-15	PRELIMINARY ANALYSIS OF SOME PLUTONIUM-ALUMINUM POLYETHYLENE EXPERIMENTS IN THE PCTR

HANFORD - URANYL(2.3%) NITRATE CUBES

1772	CHOW, R. H. / BIERMAN, S. R.	TANSAO, 12, 889-890	69-11-00	PULSED-NEUTRON DETERMINATION OF K(EFF) AND TAU IN LOW-ENRICHMENT URANYL NITRATE.
1442	CHOW, R. H. / BIERMAN, S. R.	NSENAO, 41, 132-138	70-07-00	PULSED NEUTRON DETERMINATION OF THE EFFECTIVE MULTIPLYING CONSTANT AND NEUTRON AGE TO THERMAL ENERGY FOR A BARE HOMOGENEOUS SUBCRITICAL ASSEMBLY OF ENRICHED URANYL NITRATE SALT

HANFORD - URANYL(2-3%) NITRATE IN WATER

580	BIERMAN, S. R. / HESS, G. M.	NSENAO, 32, 135-139	68-04-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS, HYDROGENOUS URANYL NITRATE SYSTEMS
42	BIERMAN, S. R. / HESS, G. M.	ORNLCDC-05	68-06-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS HYDROGENOUS URANYL NITRATE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ITALY - HEAVY WATER

1871	ACCINNI, F./ PALAZZI, F. / ZORZOLI, G. B.	CISE-R-100	64-02-00	PRELIMINARY REPORT ON URANIUM METAL TUBE CLUSTER-HEAVY WATER LATTICE MEASUREMENTS. TOPICAL REPORT NO. 2.
------	--	------------	----------	--

ITALY - HEAVY WATER - CALCULATIONS

1812	CASINI, G./ PAILLON, M.	EUR-4362	70-00-00	COMPARATIVE ANALYSIS OF CRITICAL AND EXPONENTIAL EXPERIMENTS BY HETEROGENEOUS METHODS.
------	-------------------------	----------	----------	--

ITALY - RITMO REACTOR

1931	PEDRETTI, E.	RT/FI-(67)7	67-00-00	FIRST CRITICALITY AND CALIBRATION EXPERIMENTS OF THE RC-4 RITMO REACTOR.
------	--------------	-------------	----------	---

ITALY - ROSPO (ORGANIC MODERATED REACTOR - 90% ENRICHED)

558	BITELLI, G./ MARTINELLI, R./ ORESTANO, F. V./ SANTANDREA, E.	NSENAO, 28, 270-276	67-05-00	ANALYSIS OF CRITICAL EXPERIMENTS WITH ORGANIC-MODERATED ASSEMBLIES
-----	--	---------------------	----------	---

JAPAN - FAST CRITICAL ASSEMBLY (FCA)

968	HIROTA, J. / NOMOTO, S./ NAKAMURA, T. / IIJIMA, T. / HIRAKAWA, T. / HIRAKAWA, N.	ANL-7320, 776-784	66-10-10	THE JAERI FAST CRITICAL FACILITY
1142	HIROTA, J. / NOMOTO, S. / HIRAKAWA, N. / NAKANO, M.	J. NUC. SCI. TECH., 06, 035-042	69-01-00	STUDIES OF THE CRITICALITY OF 20 PERCENT ENRICHED URANIUM FAST CRITICAL ASSEMBLIES (FCA-I)
1658	NOMOTO, S. / IIJIMA, T.	NIPPON GENSHIRYOKU GAKKAISHI, 13, 582- 597	71-10-00	CURRENT STATUS OF FAST REACTOR CRITICAL EXPERIMENTS.

JAPAN - SEMIHOMOGENEOUS CRITICAL ASSEMBLY

1491	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	TANSAO, 04, 056-057	61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY
------	--	---------------------	----------	--

JAPAN - URANIUM DIOXIDE RODS - LATTICE

1754	MATSUBARA, TAKEO/ MUKOYAMA, TAKESHI/ TADA, HIROMITSU/ TSUJI, YOSHIO.	NIPPON GENSHIRYOKU GAKKAISHI, 11, 600- 605	69-04-00	MEASUREMENTS OF LATTICE PARAMETERS WITH A SINGLE FUEL ASSEMBLY IN ORGANIC COOLANT MATERIAL.
------	--	--	----------	---

JAPAN - URANIUM(20%) - WATER

1730	MITAKE, S. / WATARUMI, C. / MIYAWAKI, Y. / TAKEDA, E.	BULL. TOKYO INST. TECH. 96, 1-21	70-03-00	EXPERIMENTAL STUDIES ON 20 PERCENT ENRICHED URANIUM-LIGHT WATER ASSEMBLY. 3. CRITICAL BUCKLING MEASUREMENTS.
------	---	-------------------------------------	----------	--

JAPAN - URANYL(20%)SULFIDE - HEAVY WATER

74	HIROTA, J. / KATSURAGI, S. / KUROI, H. / KOINUMA, R. / ISHIGURO, Y.	ATOMIC ENERGY SOC. OF JAPAN, 5, 1, 14- 22	63-00-00	ANALYSIS OF THE ENRICHED-URANIUM HEAVY- WATER HOMOGENEOUS SYSTEM
----	---	---	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LIVERMORE - ALPHA PLUTONIUM SPHERES

27	KLOVERSTROM, F. A.	UCRL-4957	57-09-00	SPHERICAL AND CYLINDRICAL PLUTONIUM CRITICAL MASSES
17	RALSTON, H. R.	UCRL-5349	58-09-10	CRITICAL PARAMETERS OF SPHERICAL SYSTEMS OF ALPHA-PHASE PLUTONIUM REFLECTED BY BERYLLIUM

LIVERMORE - PLUTONIUM ARRAYS

768	KOLAR, O. C. / MORTON, J. R. / PRUVOST, N. L.	IAEA-STOCK.-1965, 315-335	65-11-00	INTERACTION IN ARRAYS OF FISSIONABLE MATERIALS
889	MORTON, J. R. / PIERCE, G. A. / GARDNER, L. L. / BALL, C. J.	UCRL-50175	66-12-22	SUMMARY REPORT OF CRITICAL EXPERIMENTS PLUTONIUM ARRAY STUDIES, PHASE I
2017	PIERCE, G. A. / MORTON, J. R.	TANSAO, 11, 378-379	68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 1
2018	FINN, H. F. / PIERCE, G. A.	TANSAO, 11, 379-380	68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 2
985	FINN, H. F. / PRUVOST, N. L.	CONF-680909, 108-112	68-09-23	LIVERMORE PLUTONIUM ARRAY PROGRAM
2027	FINN, H. F. / PIERCE, G. A. / PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 674	68-11-00	EFFECT OF UNIT CELL SHAPE VARIATION IN A CRITICAL ARRAY OF PLUTONIUM METAL PARTS
1817	FINN, H. F. / PRUVOST, N. L. / KOLAR, O. C. / PIERCE, G. A.	UCRL-51041	71-05-10	SUMMARY OF EXPERIMENTALLY DETERMINED PLUTONIUM ARRAY CRITICAL CONFIGURATIONS
1587	KOLAR, O. C. / FINN, H. F. / PRUVOST, N. L.	NUTYBB, 29, 057-072	76-04-00	LIVERMORE PLUTONIUM ARRAY PROGRAM: EXPERIMENTS AND CALCULATIONS

LIVERMORE - PLUTONIUM ARRAYS - CALCULATIONS

2024	PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 386-387	68-06-00	MONTE CARLO CALCULATIONS FOR ARRAYS OF PLUTONIUM UNITS
------	--------------------------------	---------------------	----------	--

LIVERMORE - TORY REACTOR

1256	RALSTON, H. R.	UCRL-6837, SUMMARY	62-03-20	THE LIVERMORE COLD-CRITICAL EXPERIMENTS ON TORY II-A AND II-C
------	----------------	--------------------	----------	---

LIVERMORE - URANIUM(92%) - BERYLLIUM OXIDE SYSTEMS

117	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5506	59-03-03	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS, FUELED BY THIN ORALLOY FOILS
54	REYNOLDS, H. L. / WALTER, C. E.	UCRL-5483	59-03-30	HOT BOX - A HIGH-TEMPERATURE CRITICAL FACILITY
2032	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	TANSAO, 02, 2, 162-163	59-06-00	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS FUELED BY THIN ENRICHED URANIUM FOILS
100	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5369 PT.-1 REV.	59-07-01	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS
333	GOLDBERG, E. / KLOVERSTROM, F. A.	TANSAO, 03, 213-214	60-06-00	RESONANCE ABSORPTION OF NEUTRONS IN THICK SHEETS OF MOLYBDENUM

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LIVERMORE - URANIUM(92%) - BERYLLIUM OXIDE SYSTEMS (CONTD.)

22	KLOVERSTROM, F. A./ KRAFT, D. E.	UCRL-5369 PT. 2	60-07-11	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS
254	FINKE, R. G./ GOLDBERG, E./ REYNOLDS, H. L./ GRAMMENS, G.	TANSAO, 03, 334-335	60-12-00	HIGH TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENTS
51	FINKE, R. G./ GOLDBERG, E./ REYNOLDS, H. L./ GRAMMENS, G.	UCRL-6329	61-03-21	SUMMARY REPORT ON A HIGH-TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENT
60	FINKE, R. G./ GOLDBERG, E./ REYNOLDS, H. L./ GRAMMENS, G.	UCRL-6673	61-10-27	A COOLED-REFLECTOR, HOT-BERYLLIUM-OXIDE-CORE CRITICAL EXPERIMENT
1219	COLE, A. G.	TANSAO, 05, 079-080	62-00-00	EXPERIMENTS INVOLVING GAPS IN CRITICAL ASSEMBLIES
59	MORTON, J. R./ SHON, F. J./ WEIRICH, T. F./ GARDNER, L. L.	UCRL-6729	62-01-02	REACTIVITY EFFECTS OF VARIOUS REFLECTORS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE MODERATED, ORALLOY-FUELED SYSTEMS
62	PIOWATY, J. M./ MORTON, J. R./ GARDNER, L. L.	UCRL-7262	63-02-27	COUPLING EFFECTS OF HAFNIUM CONTROL RODS IN A NEAR-HOMOGENEOUS, BERYLLIUM-OXIDE-MODERATED, ORALLOY-FUELED SYSTEM
57	MORTON, J. R./ PIOWATY, J. M./ PETRUZZI, J./ GARDNER, L. L.	UCRL-7686	64-02-05	A STUDY OF BERYLLIUM OXIDE MODERATED CRITICAL ASSEMBLIES CONTAINING VARIOUS METAL ABSORBERS
609	MORTON, J. R.	IAEA-KARLS.-1965, 2, 193-218	65-05-00	STUDY OF SOLID-MODERATED ENRICHED URANIUM EPITHERMAL SYSTEMS BY THE PULSED NEUTRON TECHNIQUE

LIVERMORE - URANIUM(92%) - BERYLLIUM OXIDE SYSTEMS - CALCULATIONS

20	STONE, S. P./ LINGENFELTER, R. E.	UCRL-5913	60-03-00	NEUTRON DIFFUSION THEORY PROGRAMS AND THEIR APPLICATION TO SIMPLE CRITICAL SYSTEMS
257	LINGENFELTER, R. E.	NSENAO, 08, 226-232	60-09-00	CRITICALITY CALCULATIONS OF BERYLLIUM OXIDE-MODERATED ENRICHED URANIUM SYSTEMS

LIVERMORE - URANIUM(92%) - GRAPHITE SYSTEMS

70	CAROTHERS, J. E.	UCRL-4880	57-04-11	CRITICAL MASS MEASUREMENTS ON GRAPHITE URANIUM-235 SYSTEMS
69	KIRSCHBAUM, A. J.	UCRL-4983-T	57-11-01	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS
2084	KIRSCHBAUM, A. J.	BNL-0489, 275-290	57-11-12	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS
68	SCHWAGER, J. E./ KLOVERSTROM, F. A./ GILBERT, W. S.	UCRL-5006	57-11-15	CRITICAL MEASUREMENTS ON INTERMEDIATE-ENERGY GRAPHITE-URANIUM-235 SYSTEMS
18	KIRSCHBAUM, A. J./ SCHWAGER, J. E./ KLOVERSTROM, F. A./ GILBERT, W. S.	UCRL-5043	57-12-10	STUDIES OF ENRICHED-URANIUM GRAPHITE SYSTEMS
994	KLOVERSTROM, F. A./ DECK, R. M./ REYENGA, A. J.	UCRL-5149	58-02-20	CRITICALITY AND PULSED-NEUTRON-SOURCE STUDIES ON AN EPITHERMAL GRAPHITE-URANIUM-235 HOMOGENEOUS UNREFLECTED SYSTEM

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LIVERMORE - URANIUM(92%) - GRAPHITE SYSTEMS (CONTD.)

56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS
61	REYNOLDS, H. L.	UCRL-5175	58-03-31	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS
273	REYNOLDS, H. L.	GENEVA-2, 12, 632-642	58-09-00	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS
55	KLOVERSTROM, F. A. / KOMOTO, T. T.	UCRL-5477	59-02-05	PULSED NEUTRON SOURCE STUDIES OF GRAPHITE-ENRICHED URANIUM SYSTEMS
255	GOLDBERG, E. / FINKE, R. G. / REYNOLDS, H. L.	TANSAO, 03, 071-072	60-06-00	HIGH TEMPERATURE GRAPHITE CRITICAL EXPERIMENTS
256	GOLDBERG, E. / KLOVERSTROM, F. A. / KRAFT, D. E.	TANSAO, 03, 331-332	60-12-00	CRITICAL EXPERIMENTS INVOLVING GAPS IN SIMPLE CONFIGURATIONS
25	FINKE, R. G.	UCRL-6504	61-06-06	PRELIMINARY RESULTS OF HIGH-TEMPERATURE BARE URANIUM-235-CARBON CRITICAL ASSEMBLY MEASUREMENTS
58	BENSON, G. M. / FOX, R. H.	UCRL-6901	62-06-30	ROOM TEMPERATURE CRITICAL MEASUREMENTS ON THORIUM-LOADED, GRAPHITE-MODERATED, ORALLOY-FUELED SYSTEMS
609	MORTON, J. R.	IAEA-KARLS.-1965, 2, 193-218	65-05-00	STUDY OF SOLID-MODERATED ENRICHED URANIUM EPITHERMAL SYSTEMS BY THE PULSED NEUTRON TECHNIQUE

LIVERMORE - URANIUM(92%) - GRAPHITE SYSTEMS - CALCULATIONS

1269	GOODJOHN, A. J. / JOANOU, G. D. / WIKNER, N. F.	TANSAO, 05, 367-368	62-11-00	ON THE PHYSICS OF SEMI-HOMOGENEOUS GRAPHITE URANIUM-235 REACTORS
------	---	---------------------	----------	--

LIVERMORE - URANIUM(92%) METAL

95	RALSTON, H. R.	UCRL-4975	57-10-10	CRITICAL MASSES OF SPHERICAL SYSTEMS OF ORALLOY REFLECTED IN BERYLLIUM
63	DONALDSON, R. E. / BROWN, W. K.	UCRL-5255	58-06-09	CRITICAL-MASS DETERMINATIONS OF LEAD-REFLECTED SYSTEMS
452	CHRISTIE, E. R. / MAR, B. W.	UCRL-6105	60-02-24	HAZARDS SUMMARY REPORT: THE KUKLA PROMPT CRITICAL ASSEMBLY
1191	CROSBIE, K. L. / RUSSELL, J. L.	GA-7102	66-04-07	HAZARDS SUMMARY REPORT FOR APFA-III
1232	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	TANSAO, 09, 233-234	66-06-00	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR
1189	NONE	GA-8280, 135-145	67-10-30	STUDIES IN URANIUM-235

LOS ALAMOS - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

2049	FELD, B. T.	LA-0309	45-06-14	SUMMARY OF KNOWN CRITICAL MASSES OF URANIUM-235 AND PLUTONIUM-239
------	-------------	---------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES (CONTD.)

315	PAXTON, H. C.	NUCLEONICS, 13, 048-050	55-10-00	CRITICAL ASSEMBLIES AT LOS ALAMOS, GODIVA, TOPSY, JEZEBEL
122	PAXTON, H. C.	LAMS-2415	60-02-00	CRITICAL DATA FOR NUCLEAR SAFETY GUIDANCE
344	HANSEN, G. E.	IAEA-VIENNA-1961, 445-455	61-08-00	STATUS OF COMPUTATIONAL AND EXPERIMENTAL CORRELATION FOR LOS ALAMOS FAST NEUTRON CRITICAL ASSEMBLIES
1	PAXTON, H. C.	LAMS-3067	64-05-06	LOS ALAMOS CRITICAL-MASS DATA
582	MILLS, C. B.	LA-3219-MS	65-04-07	CRITICAL ASSEMBLIES OF FISSIONABLE MATERIALS
297	MILLS, C. B.	LA-3221-MS	65-04-17	REACTOR MINIMUM CRITICAL DIMENSIONS
14	STRATTON, W. R.	LA-3612	67-09-22	CRITICALITY DATA AND FACTORS AFFECTING CRITICALITY OF SINGLE HOMOGENEOUS UNITS
1170	KOONTZ, P. G. / ORNDOFF, J. D. / PAXTON, H. C.	LA-4037-SOP	69-04-04	OPERATING PROCEDURES FOR THE PAJARITO SITE CRITICAL ASSEMBLY FACILITY
1551	PAXTON, H. C.	TID-26286, 34-55	74-00-00	CRITICALITY EXPERIMENTS AND DATA; NUCLEAR CRITICALITY SAFETY
1727	PAXTON, H. C.	LA-3067-MS(REV.)	75-11-00	LOS ALAMOS CRITICAL-MASS DATA
1432	PAXTON, H. C.	LA-6206, VOL I	76-02-00	SAFETY ANALYSIS OF THE LOS ALAMOS CRITICAL EXPERIMENTS FACILITY

LOS ALAMOS - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES - CALCULATIONS

1636	HIRONS, THOMAS J. / BATTAT, M. E.	TANSAO, 14, 348-349	71-06-00	CALCULATIONS OF FAST CRITICAL ASSEMBLIES USING LASL AND ENDF/B VERSION II DATA.
------	-----------------------------------	---------------------	----------	---

LOS ALAMOS - CYLINDERS OF MIXED DISKS OF URANIUM(92%) AND URANIUM(.75%)

186	NEUER, J. J. / STEWART, C. B.	LA-2023	56-10-31	PRELIMINARY SURVEY OF URANIUM METAL EXPONENTIAL COLUMNS
97	NEUER, J. J.	LA-2085	57-01-28	CRITICAL ASSEMBLY OF URANIUM METAL AT AN AVERAGE URANIUM-235 CONCENTRATION OF 16-1/4 PERCENT
37	PAXTON, H. C.	LA-1671	60-02-29	BARE CRITICAL ASSEMBLIES OF ORALLOY AT INTERMEDIATE CONCENTRATIONS OF URANIUM-235
513	CHEZEM, C. G.	NSENAO, 33, 139	68-07-00	INVESTIGATION OF THE CRITICALITY OF LOW-ENRICHMENT URANIUM CYLINDERS
378	STEINKE, R. G.	LA-3934	68-10-24	NEUTRON FLUX MEASUREMENTS IN URANIUM METAL EXPONENTIAL COLUMNS OF 6.53 PERCENT AND 9.12 PERCENT URANIUM-235

LOS ALAMOS - ENRICHED URANIUM HYDRIDE

1981	BAKER, C. P. / HOLLOWAY, M. G.	LA-0618	47-02-03	CRITICAL MASSES OF ENRICHED URANIUM HYDRIDES AND SOME RELATED MEASUREMENTS
370	PAXTON, H. C. / ORNDOFF, J. D. / LINENBERGER, G. A.	LA-1159 (DEL)	50-00-00	ORALLOY (ENRICHED URANIUM) HYDRIDE CRITICAL ASSEMBLIES
141	LINENBERGER, G. A. / ORNDOFF, J. D. / PAXTON, H. C.	NSENAO, 07, 044-057	60-01-00	ENRICHED-URANIUM HYDRIDE CRITICAL ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - LAMPRE (PLUTONIUM FUELED FAST BREEDER)

400	BATTAT, M. E.	IAEA-VIENNA-1961, 263-270	61-08-00	CRITICAL EXPERIMENTS AND NUCLEAR CALCULATIONS-LAMPRE-I
1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124- 136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS

LOS ALAMOS - LOW ENRICHED URANIUM METAL EXPONENTIAL EXPERIMENTS

1063	FISCHER, G. J.	NSENAO, 07, 355-362	60-04-00	NEUTRON ENERGY SPECTRUM MEASUREMENTS IN UNMODERATED ASSEMBLIES
382	CHEZEM, C. G.	NSENAO, 08, 652-669	60-12-00	A URANIUM-METAL EXPONENTIAL EXPERIMENT
581	CHEZEM, C. G. / STEINKE, R. G.	NSENAO, 31, 549-550	68-03-00	LOW-ENRICHMENT URANIUM-METAL EXPONENTIAL EXPERIMENTS

LOS ALAMOS - PLUTONIUM METAL CYLINDERS

8	WOOD, D. P. / BYERS, C. C. / OSBORN, L. C.	NSENAO, 08, 578-587	60-12-00	CRITICAL MASSES OF CYLINDERS OF PLUTONIUM DILUTED WITH OTHER METALS
---	---	---------------------	----------	--

LOS ALAMOS - PLUTONIUM METAL SPHERES

88	HANSEN, G. E. / WOOD, D. P.	LA-1356	52-02-01	PRECISION CRITICAL-MASS DETERMINATIONS FOR ORALLOY AND PLUTONIUM IN SPHERICAL TUBALLOY TAMPERS
89	PAXTON, H. C. / GRAVES, G. A.	LA-1958	56-05-00	CRITICAL MASSES OF FISSIONABLE METALS AS BASIC NUCLEAR SAFETY DATA
19	JARVIS, G. A. / LINENBERGER, G. A. / PAXTON, H. C.	LA-2044 (DEL)	56-10-17	PLUTONIUM-METAL CRITICAL ASSEMBLIES
10	JARVIS, G. A. / LINENBERGER, G. A. / ORNDOFF, J. D. / PAXTON, H. C.	NSENAO, 08, 525-531	60-12-00	TWO PLUTONIUM-METAL CRITICAL ASSEMBLIES
406	STEWART, L.	NSENAO, 08, 595-597	60-12-00	LEAKAGE NEUTRON SPECTRUM FROM A BARE PLUTONIUM-239 CRITICAL ASSEMBLY
407	GRUNDL, J. / USNER, A.	NSENAO, 08, 598-607	60-12-00	SPECTRAL COMPARISONS WITH HIGH ENERGY ACTIVATION DETECTORS
6	PLASSMANN, E. A. / WOOD, D. P.	NSENAO, 08, 615-620	60-12-00	CRITICAL REFLECTOR THICKNESSES FOR SPHERICAL URANIUM-233 AND PLUTONIUM-239 SYSTEMS
64	BARTON, D. M. / BERNARD, W. / HANSEN, G. E.	LAMS-2489	61-04-12	CRITICAL MASSES OF COMPOSITES OF ORALLOY AND PLUTONIUM-239-PLUTONIUM-240 IN FLATTOP GEOMETRY
23	WOOD, D. P. / PENA, B.	LAMS-2579	61-11-02	CRITICAL MASS MEASUREMENTS OF ORALLOY AND PLUTONIUM CORES IN SPHERICAL ALUMINUM REFLECTORS
2016	GEER, W. U. / SMITH, D. R.	TANSAO, 11, 378	68-06-00	MEASUREMENT OF THE CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE
1220	HANSEN, G. E. / PAXTON, H. C.	LA-4208	69-09-00	RE-EVALUATED CRITICAL SPECIFICATIONS OF SOME LOS ALAMOS FAST-NEUTRON SYSTEMS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - PLUTONIUM METAL SPHERES (CONTD.)

1959	SMITH, D. R. / GEER, W. U.	NUAPA, 07, 405-408	69-11-00	CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE
------	----------------------------	--------------------	----------	---

LOS ALAMOS - PLUTONIUM METAL SPHERES - CALCULATIONS

993	KIEHN, R. M.	NSENAO, 04, 166-179	58-08-00	SOME APPLICATIONS OF THE S-N METHOD
455	DAVEY, W. G.	ANL-6850	64-02-00	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239-FUELED FAST REACTORS
916	BATTAT, M. E. / LABAUVE, R. J.	ANL-7320, 130-134	66-10-10	COMPARISON OF MULTIGROUP CROSS-SECTION SETS USED IN REACTOR CALCULATIONS
912	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	ANL-7320, 080-087	66-10-10	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES
927	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	ANL-7320, 278-298	66-10-10	MONTE CARLO ANALYSIS OF SMALL FAST CRITICAL ASSEMBLIES
795	LABAUVE, R. J. / BATTAT, M. E.	LA-DC-9216	68-04-04	CRITICALITY AND CENTRAL REACTIVITY CALCULATIONS USING ENDF/B DATA
1401	KALLFELZ, J. M. / POENITZ, W. P. / SEHGAL, B. R. / ZOLOTAR, B. A.	TANSAO, 12, 186-187	69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS THROUGH INTEGRAL EXPERIMENTS
1388	KALLFELZ, J. M. / ZOLOTAR, B. A. / SEHGAL, B. R.	EACRP-L-77	69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS SECTIONS AND THEIR INFLUENCE ON CALCULATED FAST REACTOR PARAMETERS
998	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORLTON, D. R.	LA-3529	69-10-27	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES
1636	HIRONS, THOMAS J. / BATTAT, M. E.	TANSAO, 14, 348-349	71-06-00	CALCULATIONS OF FAST CRITICAL ASSEMBLIES USING LASL AND ENDF/B VERSION II DATA.
1635	CRAMER, S. N.	TANSAO, 14, 348	71-06-00	MONTE CARLO ANALYSIS OF FAST CRITICAL ASSEMBLIES USING ENDF/B I AND II DATA.
1823	HUNTER, R. E. / CREMER, C. C. / WORLTON, D. R.	CONF-710301, 1, 58-64	71-08-00	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.

LOS ALAMOS - PLUTONIUM NITRATE IN WATER

157	FELD, B. T. / SLOTIN, S. L.	LA-0272	45-05-14	CRITICAL MASS OF A WATER TAMPED PLUTONIUM-239 SOLUTION
-----	-----------------------------	---------	----------	--

LOS ALAMOS - PLUTONIUM NITRATE IN WATER - CALCULATIONS

568	RICHEY, C. R.	NSENAO, 31, 032-039	68-01-00	THEORETICAL ANALYSES OF HOMOGENEOUS PLUTONIUM CRITICAL EXPERIMENTS
-----	---------------	---------------------	----------	--

LOS ALAMOS - TCCA (TUNGSTEN CARBIDE CRITICAL ASSEMBLY)

1719	HANSEN, G. E. / PAXTON, H. C.	LA-5946-MS	75-06-00	TUNGSTEN--CARBIDE CRITICAL ASSEMBLY
------	-------------------------------	------------	----------	-------------------------------------

LOS ALAMOS - UHTREX (ULTRA HIGH TEMPERATURE - GRAPHITE)

1371	NONE	LA-4207-MS	69-07-10	QUARTERLY STATUS REPORT ON: ULTRA HIGH TEMPERATURE REACTOR EXPERIMENT (UHTREX), FOR PERIOD ENDING APRIL 30, 1969
------	------	------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - UHTREX (ULTRA HIGH TEMPERATURE - GRAPHITE) - CALCULATIONS

1909	CARMICHAEL, B. M. / BIGIL, J. C. / MEEM, J. L.	LA-4218	69-08-00	CALCULATION AND INTERPRETATION OF THE UHTREX CRITICAL EXPERIMENTS.
------	--	---------	----------	---

LOS ALAMOS - URANIUM-233 METAL SPHERES

89	PAXTON, H. C. / GRAVES, G. A.	LA-1958	56-05-00	CRITICAL MASSES OF FISSIONABLE METALS AS BASIC NUCLEAR SAFETY DATA
2067	PLASSMANN, E. A. / WOOD, D. P.	BNL-0483, 73-74	57-01-09	CRITICALITY DATA ON METAL URANIUM-233 SPHERICAL SYSTEMS
6	PLASSMANN, E. A. / WOOD, D. P.	NSENAO, 08, 615-620	60-12-00	CRITICAL REFLECTOR THICKNESSES FOR SPHERICAL URANIUM-233 AND PLUTONIUM-239 SYSTEMS
1220	HANSEN, G. E. / PAXTON, H. C.	LA-4208	69-09-00	RE-EVALUATED CRITICAL SPECIFICATIONS OF SOME LOS ALAMOS FAST-NEUTRON SYSTEMS

LOS ALAMOS - URANIUM-233 METAL SPHERES - CALCULATIONS

455	DAVEY, W. G.	ANL-6850	64-02-00	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239-FUELED FAST REACTORS
-----	--------------	----------	----------	---

LOS ALAMOS - URANIUM BERYLLIUM SYSTEMS (ROVER, PLASMA CORE, CAVITY ASSEMBLY)

1720	BERNARD, W. / HELMICK, H. H. / JARVIS, G. A. / PLASSMANN, E. A. / WHITE, R. H.	LA-5971-MS	75-05-00	RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY
1721	PAXTON, H. C. / JARVIS, G. A. / BYERS, C. C.	LA-5963	75-07-00	REFLECTOR-MODERATED CRITICAL ASSEMBLIES

LOS ALAMOS - URANIUM(92%) - BERYLLIUM OXIDE

11	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	NSENAO, 08, 221-225	60-09-00	CRITICAL MEASUREMENTS ON NEAR- HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ENRICHED-URANIUM FUELED SYSTEMS
----	--	---------------------	----------	---

LOS ALAMOS - URANIUM(92%) - LUCITE - POLYETHYLENE

142	PAXTON, H. C. / LINENBERGER, G. A.	LA-0749	49-11-01	POLYTHENE-URANIUM-235 CRITICAL ASSEMBLY AND NEUTRON DISTRIBUTION STUDIES
7	HANSEN, G. E. / WOOD, D. P. / GEER, W. U.	NSENAO, 08, 588-594	60-12-00	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS
485	JARVIS, G. A. / MILLS, C. B.	LA-3651	67-03-22	CRITICAL MASS REDUCTION

LOS ALAMOS - URANIUM(92%) METAL - GRAPHITE

24	HOOGERP, J. C.	LA-1732	54-05-19	CRITICAL MASSES OF GRAPHITE-TAMPED HETEROGENEOUS ORALLOY-GRAPHITE SYSTEMS
2054	BYERS, C. C.	AECU-3605	57-00-00	GRAPHITE-MODERATED, GRAPHITE-REFLECTED CRITICAL ASSEMBLIES
26	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	LA-2141	57-10-11	BERYLLIUM-REFLECTED, GRAPHITE-MODERATED CRITICAL ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - URANIUM(92%) METAL - GRAPHITE (CONTD.)

84	HANSEN, G. E. / HOOGTERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	AECU-3604	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
2063	BYERS, C. C.	BNL-0489, 291-296	57-11-12	GRAPHITE MODERATED, GRAPHITE REFLECTED CRITICAL ASSEMBLIES
2085	HANSEN, G. E. / HOOGTERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	BNL-0489, 297-302	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
273	REYNOLDS, H. L.	GENEVA-2, 12, 632-642	58-09-00	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS
7	HANSEN, G. E. / WOOD, D. P. / GEER, W. U.	NSENAO, 08, 588-594	60-12-00	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS
1488	HOOGTERP, J. C. / ORNDOFF, J. D.	TANSAO, 04, 055	61-06-00	CRITICAL MEASUREMENTS FOR THE KIWI-A NUCLEAR PROPULSION TEST REACTOR
2026	HOOGTERP, J. C.	TANSAO, 11, 389-390	68-06-00	UNREFLECTED PLEXIGLASS-GRAPHITE-URANIUM CRITICAL MEASUREMENTS
1656	HOOGTERP, J. C. / HANSEN, G. E.	TANSAO, 14, 677-678	71-10-00	UNREFLECTED URANIUM-235/CARBON (RATIO OF 1 TO 182) CRITICAL ASSEMBLY
1703	HOOGTERP, J. C. / HANSEN, G. E. / PAXTON, H. C.	LA-4798-MS	74-03-00	BARE 93%-ENRICHED-URANIUM-CARBON(170) ASSEMBLY

LOS ALAMOS - URANIUM(92%) METAL - GRAPHITE - CALCULATIONS

136	ISKENDERIAN, H. / BYERS, C. C.	TANSAO, 01, 1, 149-150	58-06-00	PHYSICS CALCULATIONS ON FOUR LOS ALAMOS GRAPHITE MODERATED CRITICAL ASSEMBLIES
1269	GOODJOHN, A. J. / JOANOU, G. D. / WIKNER, N. F.	TANSAO, 05, 367-368	62-11-00	ON THE PHYSICS OF SEMI-HOMOGENEOUS GRAPHITE URANIUM-235 REACTORS

LOS ALAMOS - URANIUM(92%) METAL CYLINDERS

135	MALLARY, E. C.	LA-1305	51-10-27	ORALLOY CYLINDRICAL SHAPE FACTOR AND CRITICAL MASS MEASUREMENTS IN GRAPHITE, PARAFFIN, AND WATER TAMPERS
38	JOSEPHSON, V. / PAINE, R. W. / WOODWARD, L. L.	LA-1155 (DEL)	52-08-08	ORALLOY SHAPE FACTOR MEASUREMENTS
1983	HART, F. F.	LA-1623	53-12-00	SAFETY TESTS FOR MELTING AND CASTING ORALLOY
77	GRAVES, G. A. / PAXTON, H. C.	NUCLEONICS, 15, 090-092	57-06-00	CRITICAL MASSES OF ORALLOY ASSEMBLIES
98	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	LA-2203	58-07-16	CRITICAL MASSES OF ORALLOY IN THIN REFLECTORS
9	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	NSENAO, 08, 570-577	60-12-00	CRITICAL PLUTONIUM AND ENRICHED-URANIUM-METAL CYLINDERS OF EXTREME SHAPE
7	HANSEN, G. E. / WOOD, D. P. / GEER, W. U.	NSENAO, 08, 588-594	60-12-00	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS
92	HANSEN, G. E. / WOOD, D. P. / PENA, B.	LAMS-2744	62-10-08	REFLECTOR SAVINGS OF MODERATING MATERIALS ON LARGE DIAMETER URANIUM SLABS, ENRICHED TO 93.2 PERCENT IN URANIUM-235

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - URANIUM(92%) METAL CYLINDERS - CALCULATIONS

553	MIHALCZO, J. T.	NSENAO, 27, 557-563	67-03-00	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS
-----	-----------------	---------------------	----------	--

LOS ALAMOS - URANIUM(92%) METAL SPHERES

613	PAXTON, H. C.	LAMS-1154	50-09-12	EFFECTS OF FOREIGN MATERIALS IN THE TOPSY METAL ASSEMBLY - PRELIMINARY
135	MALLARY, E. C.	LA-1305	51-10-27	ORALLOY CYLINDRICAL SHAPE FACTOR AND CRITICAL MASS MEASUREMENTS IN GRAPHITE, PARAFFIN, AND WATER TAMPERS
88	HANSEN, G. E. / WOOD, D. P.	LA-1356	52-02-01	PRECISION CRITICAL-MASS DETERMINATIONS FOR ORALLOY AND PLUTONIUM IN SPHERICAL TUBALLOY TAMPERS
611	YOUNG, D. S.	LA-1487	52-05-15	NEUTRON DISTRIBUTION MEASUREMENTS AT PAJARITO BY MEANS OF PHOTOGRAPHIC EMULSIONS
180	WHITE, R. H.	LA-1579	53-06-00	TOPSY, A REMOTELY CONTROLLED MACHINE FOR THE STUDY OF CRITICAL ASSEMBLIES
39	PETERSON, R. E. / NEWBY, G. A.	LA-1614	53-09-00	LADY GODIVA: AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY
227	LINENBERGER, G. A. / LOWRY, L. L.	LA-1653	54-04-00	NEUTRON DETECTOR TRAVERSES IN THE TOPSY AND GODIVA CRITICAL ASSEMBLIES
134	JOSEPHSON, V.	LA-1114 (DEL)	54-05-00	CRITICAL MASS MEASUREMENT ON ORALLOY IN TUBALLOY AND TUNGSTEN CARBIDE TAMPERS
5	WHITE, R. H.	NSENAO, 01, 053-061	56-03-00	TOPSY, A REMOTELY CONTROLLED CRITICAL ASSEMBLY MACHINE
4	PETERSON, R. E. / NEWBY, G. A.	NSENAO, 01, 112-125	56-05-00	AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY
89	PAXTON, H. C. / GRAVES, G. A.	LA-1958	56-05-00	CRITICAL MASSES OF FISSIONABLE METALS AS BASIC NUCLEAR SAFETY DATA
77	GRAVES, G. A. / PAXTON, H. C.	NUCLEONICS, 15, 090-092	57-06-00	CRITICAL MASSES OF ORALLOY ASSEMBLIES
98	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	LA-2203	58-07-16	CRITICAL MASSES OF ORALLOY IN THIN REFLECTORS
324	HANSEN, G. E.	GENEVA-2, 12, 084-088	58-09-00	PROPERTIES OF ELEMENTARY FAST-NEUTRON CRITICAL ASSEMBLIES
87	GWIN, R. / MEE, W. T.	Y-1248	59-03-26	CRITICAL ASSEMBLIES OF URANIUM METAL
407	GRUNDL, J. / USNER, A.	NSENAO, 08, 598-607	60-12-00	SPECTRAL COMPARISONS WITH HIGH ENERGY ACTIVATION DETECTORS
23	WOOD, D. P. / PENA, B.	LAMS-2579	61-11-02	CRITICAL MASS MEASUREMENTS OF ORALLOY AND PLUTONIUM CORES IN SPHERICAL ALUMINUM REFLECTORS
36	ORNDOFF, J. D. / PAXTON, H. C.	LA-1209	64-01-27	MEASUREMENTS OF UNTAMPED ORALLOY ASSEMBLY
1366	FRISCH, O.	NUCL. NEWS 12, 30-32	69-04-00	THE DRAGON EXPERIMENT
1220	HANSEN, G. E. / PAXTON, H. C.	LA-4208	69-09-00	RE-EVALUATED CRITICAL SPECIFICATIONS OF SOME LOS ALAMOS FAST-NEUTRON SYSTEMS
1389	WIMETT, T. F. / WHITE, R. H. / WAGNER, R. G.	CONF-690102, 95	69-12-00	GODIVA IV

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - URANIUM(92%) METAL SPHERES (CONTD.)

2086	BYERS, C. C. / KOELLING, J. J. / HANSEN, G. E. / SMITH, D. R. / DYER, H. R.	TANSAO, 27, 412-413	77-11-00	CRITICAL MEASUREMENTS OF A WATER-REFLECTED ENRICHED URANIUM SPHERE
------	---	---------------------	----------	--

LOS ALAMOS - URANIUM(92%) METAL SPHERES - CALCULATIONS

993	KIEHN, R. M.	NSENAO, 04, 166-179	58-08-00	SOME APPLICATIONS OF THE S-N METHOD
456	HENRY, H. F. / NEWLON, C. E. / KNIGHT, J. R.	K-1478	61-07-11	EXTENSIONS OF NEUTRON INTERACTION CRITERIA
436	PENDLEBURY, E. D.	IAEA-VIENNA-1961, 097-110	61-08-00	THE SENSITIVITY OF CALCULATED CRITICAL MASSES OF SMALL FAST SYSTEMS TO CHANGES IN THE URANIUM-235 AND URANIUM-238 NEUTRON-SCATTERING DATA
1201	KINNEY, W. E. / MIHALCZO, J. T. / HAPPER, I.	ORNL-3499, 77-81	63-08-01	APPLICATION OF MONTE CARLO CALCULATIONAL TECHNIQUES TO THE STUDY OF FAST CRITICAL ASSEMBLIES
455	DAVEY, W. G.	ANL-6850	64-02-00	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239-FUELED FAST REACTORS
1214	MIHALCZO, J. T.	TANSAO, 09, 489-490	66-10-00	SENSITIVITY OF NEUTRON-SPECTRUM-DEPENDENT QUANTITIES IN URANIUM (93.2 PERCENT URANIUM-235) METAL ASSEMBLIES TO INELASTIC SCATTERING MODELS FOR URANIUM-235
912	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	ANL-7320, 080-087	66-10-10	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES
927	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	ANL-7320, 278-298	66-10-10	MONTE CARLO ANALYSIS OF SMALL FAST CRITICAL ASSEMBLIES
553	MIHALCZO, J. T.	NSENAO, 27, 557-563	67-03-00	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS
560	STACEY, W. M.	NSENAO, 28, 443-449	67-06-00	FAST-REACTOR CALCULATIONAL MODELS
795	LABAUVE, R. J. / BATTAT, M. E.	LA-DC-9216	68-04-04	CRITICALITY AND CENTRAL REACTIVITY CALCULATIONS USING ENDF/B DATA
1407	COHEN, S. C.	TANSAO, 11, 671	68-11-00	ANALYSIS OF REFLECTED ORALLOY CRITICAL EXPERIMENTS
1401	KALLFELZ, J. M. / POENITZ, W. P. / SEHGAL, B. R. / ZOLOTAR, B. A.	TANSAO, 12, 186-187	69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS THROUGH INTEGRAL EXPERIMENTS
1388	KALLFELZ, J. M. / ZOLOTAR, B. A. / SEHGAL, B. R.	EACRP-L-77	69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS SECTIONS AND THEIR INFLUENCE ON CALCULATED FAST REACTOR PARAMETERS
998	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORLTON, D. R.	LA-3529	69-10-27	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES
1635	CRAMER, S. N.	TANSAO, 14, 348	71-06-00	MONTE CARLO ANALYSIS OF FAST CRITICAL ASSEMBLIES USING ENDF/B I AND II DATA.
1823	HUNTER, R. E. / CREMER, C. C. / WORLTON, D. R.	CONF-710301, 1, 58-64	71-08-00	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

LOS ALAMOS - URANIUM(92%) SLABS - ISOLATION VALUES OF VARIOUS MATERIALS

836	MC CRELESS, T. G. / SMITH, D. R. / JARVIS, G. A. / DUFFEY, D.	TANSAO, 08, 441	65-11-00	NEUTRONIC ISOLATION CHARACTERISTICS OF CONCRETE, LEAD, WOOD POLYETHYLENE AND BERYLLIUM
-----	---	-----------------	----------	--

LOS ALAMOS - URANIUM(94%) METAL - WATER LATTICES

143	HOOGERP, J. C.	LA-2026	57-03-06	CRITICAL MASSES OF ORALLOY LATTICES IMMERSED IN WATER
-----	----------------	---------	----------	--

LOS ALAMOS - URANYL FLUORIDE - HEAVY WATER

3	OLCOTT, R. N.	NSENAO, 01, 327-341	56-08-00	HOMOGENEOUS HEAVY WATER MODERATED CRITICAL ASSEMBLIES. PART 1. EXPERIMENTAL
---	---------------	---------------------	----------	---

LOS ALAMOS - URANYL PHOSPHATE - WATER

140	ALLRED, J. C. / BENDT, P. J. / PETERSON, R. E.	NSENAO, 04, 498-500	58-09-00	CRITICAL MEASUREMENTS ON URANIUM TRIOXIDE IN PHOSPHORIC ACID SOLUTIONS (UO3-H3PO4)
-----	---	---------------------	----------	--

LOS ALAMOS - URANYL SULFATE - WATER

139	CARTER, R. E. / HINTON, J. C. / KING, L. D. P. / SCHREIBER, R. E.	LA-0241	45-04-12	WATER TAMPER MEASUREMENTS
-----	---	---------	----------	---------------------------

LOS ALAMOS - URANYL SULFATE - WATER - CALCULATIONS

454	GREULING, E.	LA-0399	45-09-27	THEORY OF WATER-TAMPED WATER BOILER
-----	--------------	---------	----------	-------------------------------------

LOS ALAMOS - VARIABLE DENSITY URANIUM(92%) SYSTEMS

41	ORNDOFF, J. D. / PAXTON, H. C. / HANSEN, G. E.	LA-1251	51-06-23	CRITICAL MASSES OF ORALLOY AT REDUCED CONCENTRATIONS AND DENSITIES
----	---	---------	----------	---

LOS ALAMOS - WATER BOILERS

1980	BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	LA-0134	44-09-04	WATER BOILER
1982	KING, L. D. P.	LA-1034	47-12-19	CRITICAL ASSEMBLIES, CHAPTER 4, WATER BOILERS

MARTIN CORPORATION - ARMY NUCLEAR POWER PROGRAM

1494	WELSHANS, L. M. / JOHNSON, K. M.	TANSAO, 04, 104-106	61-06-00	CRITICAL EXPERIMENTS ON ENRICHED URANIUM-STAINLESS STEEL WATER MODERATED LATTICES
1498	ROSENTHAL, H. B.	TANSAO, 04, 111	61-06-00	PM-1 ZERO POWER TEST EXPERIMENTAL STUDIES

MASSACHUSETTS INSTITUTE OF TECHNOLOGY - HEAVY WATER LATTICE PROJECT

1993	KAPLAN, I. / LANNING, D. D. / PROFIO, A. E. / THOMPSON, T. J.	IAEA-AMST.-1963, 2, 109-146	63-09-00	MASSACHUSETTS INSTITUTE OF TECHNOLOGY EXPONENTIAL STUDIES OF LOW-ENRICHMENT, HEAVY-WATER LATTICES
------	---	--------------------------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

MASSACHUSETTS INSTITUTE OF TECHNOLOGY - HEAVY WATER LATTICE PROJECT (CONTD.)			
718	PRICE, G. A.	MITNE-46	63-09-30 HEAVY WATER LATTICE PROJECT ANNUAL REPORT
411	D'ARDENNE, W. H.	NSENAO, 32, 283-291	68-06-00 REACTOR PHYSICS PARAMETERS OF 1.03 PERCENT ENRICHED URANIUM METAL, D2O MODERATED LATTICES
NASA, LEWIS RESEARCH CENTER - URANYL(92%)FLUORIDE - WATER			
2091	FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-3555	66-08-00 CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II. HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS
2092	FIENO, D. / FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-5487	69-10-00 ANALYSIS AND EXPERIMENTS WITH A PULSED NEUTRON SOURCE FOR AN UNREFLECTED SOLUTION REACTOR UP TO 50 DOLLARS SHUTDOWN
2090	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TN-D-5956	70-08-00 PULSED-NEUTRON-SOURCE STUDIES WITH THE NASA ZERO POWER REACTOR II
1991	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TM-X-2381	71-09-00 CRITICALITY STUDY OF NASA SOLUTION REACTORS WITH 25.4 CENTIMETER- DIAMETER CYLINDRICAL STAINLESS-STEEL TANKS
2089	FOX, T. A.	NASA-TM-X-2922	73-10-00 MOVABLE-MOLYBDENUM-REFLECTOR REACTIVITY EXPERIMENTS FOR CONTROL STUDIES OF COMPACT SPACE POWER REACTOR CONCEPTS
NETHERLANDS - KRITO FACILITY (LOW ENRICHED - WATER)			
1994	COELHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F.	IAEA-AMST.-1963, 2, 233-256	63-09-00 THE CRITICAL FACILITY KRITO
NETHERLANDS - STEK FACILITY (COUPLED FAST-THERMAL)			
1865	COELHOORN, J. / KLIPPEL, H. TH. / DE MEULEMEESTER, F. M. /	RCN-118	70-02-00 MEASUREMENTS AND CALCULATIONS ON THERMAL, ARGONAUT TYPE, CORES IN THE STEK-FACILITY AT PETTEN.
NORTH AMERICAN AVIATION - URANIUM - HEAVY WATER EXPONENTIAL LATTICES			
1953	COHEN, E. R.	GENEVA-1, 05, 268-278	55-08-00 EXPONENTIAL EXPERIMENTS ON DEUTERIUM-OXIDE--URANIUM LATTICES
OAK RIDGE - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES			
241	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	A-4716	47-06-00 CRITICAL MASS STUDIES, PART 1
2069	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I.	NEPA-1769	51-04-51 NEPA CRITICAL EXPERIMENT FACILITY
1951	SNYDER, T. M.	GENEVA-1, 05, 162-171	55-08-00 THE CRITICAL ASSEMBLY--A NUCLEAR DESIGN TOOL

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES (CONTD.)

2071	CALLIHAN, A. D.	ORNL-2087	56-08-02	CRITICAL EXPERIMENTS AND NUCLEAR SAFETY AT OAK RIDGE NATIONAL LABORATORY
145	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-3193, 168	61-09-01	NEW CRITICAL EXPERIMENT MACHINES
1202	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-4193, 168-173	61-10-00	NEW CRITICAL EXPERIMENT MACHINES
755	THOMAS, J. T.	IAEA-STOCK.-1965, 149-175	65-11-00	EXPERIMENTAL AND CALCULATED SYSTEM CRITICALITY
247	NONE	ORNL-TM-0349, REV. 1	67-00-00	A SAFETY ANALYSIS OF THE OAK RIDGE CRITICAL EXPERIMENTS FACILITY

OAK RIDGE - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES - CALCULATIONS

104	FOX, J. K.	IN-1120	67-09-00	COMPARISON OF ORNL CLEAN CRITICAL EXPERIMENTS WITH CALCULATIONS
-----	------------	---------	----------	--

OAK RIDGE - AQUARIUM FUEL ELEMENTS

2068	HENRY, K. M. / JOHNSON, E. B. / MAIENSCHIN, F. C.	CF-55-5-189	55-05-31	PRELIMINARY CRITICAL TESTS USING AQUARIUM FUEL ELEMENTS IN THE BSR GRID
------	---	-------------	----------	--

OAK RIDGE - ARMY PACKAGE POWER REACTOR

2070	WILLIAMS, D. V. P.	ORNL-2021	55-11-25	PRELIMINARY RESULTS OF APPR CRITICAL EXPERIMENTS. PART I
1977	WILLIAMS, D. V. P. / MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	ORNL-2128	56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT

OAK RIDGE - GEOMETRICALLY COMPLICATED URANIUM METAL PIECES

801	IRVING, D. C. / MIHALCZO, J. T.	TANSO, 07, 287-288	64-11-00	MONTE CARLO CALCULATIONS FOR ENRICHED URANIUM METAL ASSEMBLIES
828	MIHALCZO, J. T.	ORNL-3714, 33	64-12-00	GEOMETRICALLY COMPLICATED CRITICAL ASSEMBLIES OF 93.2 PERCENT ENRICHED URANIUM METAL

OAK RIDGE - GEOMETRICALLY COMPLICATED URANIUM METAL PIECES - CALCULATIONS

1159	MIHALCZO, J. T.	ORNL-TM-1220	65-08-19	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS
------	-----------------	--------------	----------	--

OAK RIDGE - HEAT TRANSFER REACTOR EXPERIMENT (HTRE) (LATTICE)

1153	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1566	66-07-20	CRITICALITY OF LATTICES OF HEAT TRANSFER REACTOR EXPERIMENT FUEL ELEMENTS
------	----------------------------------	--------------	----------	---

OAK RIDGE - HIGH FLUX ISOTOPE REACTOR (LATTICE)

1151	JOHNSON, E. B.	ORNL-TM-1808	67-03-20	CRITICAL LATTICES OF HIGH FLUX ISOTOPE REACTOR FUEL ELEMENTS
------	----------------	--------------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE**

OAK RIDGE - HOMOGENEOUS URANIUM-235 IN HEAVY WATER

995	SNELL, A. H.	MONP-454	47-12-15	CRITICALITY STUDIES ON ENRICHED URANIUM -- HEAVY WATER SYSTEMS
-----	--------------	----------	----------	---

OAK RIDGE - LCRE FUEL ELEMENTS

1699	WALSH, V.	TIM-891	65-09-00	LCRE FUEL ELEMENT CRITICALITY MEASUREMENTS AT ORNL
------	-----------	---------	----------	---

OAK RIDGE - MOLTEN FLUORIDE REACTOR (AIRCRAFT REACTOR EXPERIMENT)

2073	CALLIHAN, A. D. / SCOTT, D.	ORNL-1634	53-11-18	PRELIMINARY CRITICAL ASSEMBLY FOR THE MOLTEN FLUORIDE REACTOR EXPERIMENT
------	-----------------------------	-----------	----------	---

OAK RIDGE - MTR MOCKUP

2058	BEALL, S. E. / BREAZEAL, W. M. / BRIGGS, R. B. / CALLIHAN, A. D. / JORDAN, W. H.	CF-50-5-140	50-05-11	INTERIM REPORT OF NEUTRON AND GAMMA EXPERIMENTS ON THE MTR MOCK-UP
------	--	-------------	----------	---

OAK RIDGE - ORNL FAST BURST REACTOR (FBR) - HEALTH PHYSICS RESEARCH REACTOR (HPRR)

34	KINNEY, W. E. / MIHALCZO, J. T.	ORNL-CF-61-08-71	61-08-24	OAK RIDGE NATIONAL LABORATORY FAST BURST REACTOR: CRITICAL EXPERIMENTS AND CALCULATIONS
2004	MIHALCZO, J. T. / KINNEY, W. E.	TANSAO, 04, 302-303	61-11-00	EXPERIMENTS AND CALCULATIONS ON UNMODERATED URANIUM-MOLYBDENUM ALLOY CRITICAL ASSEMBLIES
107	MIHALCZO, J. T.	ORNL-TM-0189	62-05-10	REACTIVITY CALIBRATIONS AND FISSION- RATE DISTRIBUTIONS IN AN UNMODERATED, UNREFLECTED URANIUM-MOLYBDENUM ALLOY RESEARCH REACTOR
1444	MIHALCZO, J. T.	NSENAO, 16, 291-298	63-07-00	SUPERPROMPT-CRITICAL BEHAVIOR OF AN UNMODERATED, UNREFLECTED URANIUM- MOLYBDENUM ALLOY REACTOR
862	MIHALCZO, J. T. / KINNEY, W. E.	ORNL-3858, 19	65-11-00	EXPERIMENTS AND CALCULATIONS ON URANIUM MOLYBDENUM ALLOY CRITICAL ASSEMBLIES

OAK RIDGE - ORR AND BSR FUEL ELEMENTS

1971	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-40	58-10-02	CRITICAL EXPERIMENTS WITH ARRAYS OF ORR AND BSR FUEL ELEMENTS
------	----------------------------	-----------------	----------	--

OAK RIDGE - POOL CRITICAL ASSEMBLY (PCA)

1149	REYNOLDS, A. B. / THOMPSON, T. J. / HENRY, K. M. / JOHNSON, E. B.	NSENAO, 07, 001-013	60-01-00	REACTIVITY EFFECTS OF LARGE VOIDS IN THE REFLECTOR OF A LIGHT-WATER- MODERATED AND -REFLECTED REACTOR
------	---	---------------------	----------	---

OAK RIDGE - PWR FUEL ELEMENTS IN WATER (SPERT)

615	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1207	65-07-14	CRITICAL EXPERIMENTS WITH SPERT-D FUEL ELEMENTS
861	JOHNSON, E. B. / REEDY, R. K.	ORNL-3858, 16	65-11-00	CRITICAL EXPERIMENTS WITH SPERT - D FUEL ELEMENTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - PWR FUEL ELEMENTS IN WATER (SPERT) - CALCULATIONS

616	FOX, J. K.	TANSAO, 09, 133	66-06-00	ACCURACY OF REACTOR CODES FOR CRITICALITY CALCULATIONS ON ARRAYS OF FUEL ELEMENTS IN WATER WITH VARIOUS WATER GAPS
-----	------------	-----------------	----------	---

OAK RIDGE - REFLECTOR MODERATED REACTOR

1976	SPENCER, R. M.	ORNL-1770	54-11-22	PRELIMINARY CRITICAL ASSEMBLIES OF THE REFLECTOR MODERATOR REACTOR
------	----------------	-----------	----------	---

OAK RIDGE - ROVER PROJECT URANIUM CARBIDE - GRAPHITE, URANIUM DIOXIDE - GRAPHITE

1695	JOHNSON, E. B. / FOX, J. K.	ORNL-TM-0264	62-09-18	CRITICAL MASS STUDIES. PART XII. ROVER REACTOR FUEL ELEMENTS
1972	MIHALCZO, J. T.	ORNL-TM-0450	62-12-28	A SMALL GRAPHITE-REFLECTED URANIUM- DIOXIDE ASSEMBLY
1973	CRUME, E. C. / JOHNSON, E. B.	ORNL-TM-1704	66-12-01	CRITICALITY SAFETY TESTS FOR ROVER REACTOR FUEL ELEMENTS

OAK RIDGE - SORA REACTOR (FAST, PULSED, NAK)

953	KISTNER, G. / MIHALCZO, J. T.	ANL-7320, 586-589	66-10-10	CRITICAL EXPERIMENTS WITH A MOCKUP OF THE REPETITIVELY PULSED REACTOR SORA
1148	MIHALCZO, J. T.	ORNL-4280, 37	68-00-00	PRELIMINARY STATIC EXPERIMENTS WITH THE REPETITIVELY PULSED CRITICAL ASSEMBLY
32	KISTNER, G. / MIHALCZO, J. T.	ORNL-4263	68-06-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA
500	KISTNER, G. / MIHALCZO, J. T.	NSEAO, 35, 027-044	69-01-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA

OAK RIDGE - SORA REACTOR (FAST, PULSED, NAK)- CALCULATIONS

1833	ASAOKA, R.	EUR-4676	71-07-00	ANALYSIS OF CRITICAL EXPERIMENTS ON THE SORA MOCKUP BY THE S-N METHOD.
------	------------	----------	----------	---

OAK RIDGE - SUPER CRITICAL WATER REACTOR

1969	NOAKS, J. W. / CRUDELE, J. S.	ORNL-CF-54-12-21	54-12-01	PRELIMINARY CRITICAL ASSEMBLY FOR SUPER CRITICAL WATER REACTOR, PART-2
------	----------------------------------	------------------	----------	---

OAK RIDGE - URANIUM-233 SYSTEMS

363	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	ORNL-1992	55-00-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM - 235
1092	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	NSEAO, 01, 020-032	56-03-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM- 235
164	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	ORNL-2609	58-10-29	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY
163	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	ORNL-2842	59-09-00	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - URANIUM-233 SYSTEMS (CONTD.)

114	GWIN, R. / MAGNUSON, D. W.	ORNL-CF-60-40-12	60-09-16	CRITICAL EXPERIMENTS FOR REACTOR PHYSICS STUDIES
903	THOMAS, J. T.	TANSAO, 10, 538-539	67-11-00	CRITICALITY OF URANIUM-233 AQUEOUS NITRATE SOLUTION IN REFLECTED AND UNREFLECTED ARRAYS

OAK RIDGE - URANIUM-233 SYSTEMS - CALCULATIONS

1042	MILLS, C. B.	NSENAO, 09, 377-390	61-03-00	MINIMUM CRITICAL DIMENSIONS FOR WATER SOLUTIONS
439	WEBSTER, J. W.	ORNL-CDC-02	67-10-00	CALCULATED NEUTRON MULTIPLICATION FACTORS OF UNIFORM AQUEOUS SOLUTIONS OF URANIUM-233 AND URANIUM-235
1304	TRAYLOR, R. C.	GAMD-8067	68-09-26	AN EVALUATION OF URANIUM-233 CROSS SECTIONS WITH NUMERICAL ANALYSIS OF INTEGRAL EXPERIMENTS
502	STAUB, A. / HARRIS, D. R. / GOLDSMITH, M.	NSENAO, 34, 263-274	68-12-00	ANALYSIS OF A SET OF CRITICAL HOMOGENEOUS URANIUM-WATER SPHERES

OAK RIDGE - URANIUM OXIDE - ALCOHOL CANS - ARRAYS

1700	MAGNUSON, D. W.	Y-DR-120	73-11-30	CRITICAL EXPERIMENTS WITH ENRICHED URANIUM DIOXIDE
------	-----------------	----------	----------	--

OAK RIDGE - URANIUM SLUGS - WATER (HANFORD FUEL ELEMENTS)

2045	CALLIHAN, A. D. / MC LENDON, J. D. / MORFITT, J. W.	K-0644	50-07-11	CRITICALITY TEST ON P-10 ALLOY SLUGS
235	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	Y-0801 (DEL.)	51-08-00	CRITICAL MASS STUDIES, PART-6
867	FOX, J. K. / MARABLE, J. H.	ORNL-1715, 13-14	54-07-14	CRITICALITY DATA FOR URANIUM-ALUMINUM SLUG LATTICES IN WATER

OAK RIDGE - URANIUM SLUGS - WATER (SAVANNAH RIVER FUEL SLUGS)

1978	FOX, J. K. / GILLEY, L. W.	ORNL-3272	62-05-28	CRITICAL MASS STUDIES: PART XI, CRITICAL PARAMETERS OF URANIUM-ALUMINUM ALLOY SLUGS
------	----------------------------	-----------	----------	---

OAK RIDGE - URANIUM(1.95,3.85%) METAL CYLINDRICAL ANNULI IN WATER

894	JOHNSON, E. B.	TANSAO, 09, 185-186	66-06-00	CRITICAL PARAMETERS OF URANIUM (1.95) METAL CYLINDRICAL ANNULI
1916	JOHNSON, E. B.	TANSAO, 13, 379	70-06-00	CRITICALITY OF URANIUM(3.85) RODS AND CYLINDRICAL ANNULI IN WATER.

OAK RIDGE - URANIUM(2.1%) METAL PLATES IN WATER

1970	FOX, J. K. / MIHALCZO, J. T. / GILLEY, L. W.	ORNL-CF-58-8-3	58-08-03	CRITICAL EXPERIMENTS WITH 2.09% URANIUM-235 ENRICHED URANIUM METAL PLATES IN WATER
------	--	----------------	----------	--

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - URANIUM(2-5%) - PARAFFIN

204	MIHALCZO, J. T./ LYNN, J. J./ SCOTT, D./ CONNOLLY, W. C.	ORNL-CF-59-4-120	59-04-22	PRELIMINARY REPORT ON 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE/PARAFFIN CRITICAL ASSEMBLIES
373	MIHALCZO, J. T.	ORNL-CF-60-04-24	60-05-03	COMPARISON OF K(INF) MEASUREMENTS IN A CRITICAL ASSEMBLY WITH K(INF) MEASUREMENTS IN THE PHYSICAL CONSTANTS TESTING REACTOR
847	MIHALCZO, J. T.	TANSAO, 03, 074-075	60-06-00	NEUTRON AGE AND NON-LEAKAGE PROBABILITY FOR A 2 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE - PARAFFIN MIXTURE WITH A HYDROGEN/URANIUM RATIO OF 404
167	MIHALCZO, J. T./ LYNN, J. J.	ORNL-3016	60-09-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN
168	MIHALCZO, J. T./ MILLS, C. B.	NSENAO, 11, 095-096	61-09-00	CRITICALITY OF LOW ENRICHMENT URANIUM-235 IN HYDROGEN
169	MIHALCZO, J. T./ NEELEY, V. I.	NSENAO, 13, 006-011	62-05-00	THE INFINITE MULTIPLICATION CONSTANT OF HOMOGENEOUS HYDROGEN-MODERATED 2.0 WEIGHT PERCENT URANIUM-235-ENRICHED URANIUM
1448	MIHALCZO, J. T.	ORNL-3499, 49-50	63-08-01	PROMPT-NEUTRON DECAY CONSTANT VERSUS BUCKLING FOR HYDROGEN-MODERATED 3% URANIUM-235-ENRICHED URANIUM
819	RAFFETY, S. J.	ORNL-4143, 28-29	67-08-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF LOW ENRICHMENT URANIUM TETRAFLUORIDE IN PARAFFIN
1208	RAFFETY, S. J.	ORNL-4280, 50-51	68-00-00	HOMOGENEOUS ASSEMBLIES OF URANIUM(2)-TETRAFLUORIDE IN PARAFFIN AT AN HYDROGEN/URANIUM-235 ATOMIC RATIO OF 972
1209	RAFFETY, S. J./ MIHALCZO, J. T.	ORNL-4280, 51-53	68-00-00	NEUTRON AGE AND INFINITE-MEDIUM NEUTRON MULTIPLICATION FACTOR FOR URANIUM-TETRAFLUORIDE PARAFFIN MIXTURES WITH LOW URANIUM-235 ENRICHMENT
250	RAFFETY, S. J./ MIHALCZO, J. T.	Y-DR-014	69-05-02	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT ENRICHED URANIUM IN PARAFFIN
1669	RAFFETY, S. J. / MIHALCZO, J. T.	NSENAO, 48, 433-443	72-08-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT URANIUM-235-ENRICHED URANIUM IN PARAFFIN.

OAK RIDGE - URANIUM(2-5%) - PARAFFIN - CALCULATIONS

476	HERMANN, O. W.	KY-294	58-10-01	A GENERALIZED AND CONSISTENT METHOD FOR CALCULATING THE CRITICAL MASS OF HOMOGENEOUS AQUEOUS URANYL FLUORIDE SOLUTIONS
453	WEBSTER, J. W.	ORNL-TM-2187	68-11-00	OSR MONTE CARLO CALCULATIONS OF LOW-ENRICHED URANIUM THERMAL CRITICAL ASSEMBLIES, AND EVIDENCE OF ERRORS IN URANIUM-238 CROSS SECTIONS

OAK RIDGE - URANIUM(24%) - OIL

1985	SNELL, A. H.	MONP-048	46-01-22	CRITICAL EXPERIMENTS OF FLUORINATED AND HYDROGENATED MIXTURES CONTAINING ENRICHED URANIUM
------	--------------	----------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE

OAK RIDGE - URANIUM(30%)HEXAFLUORIDE - CUBES

294	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	K-0126	64-00-00	CRITICAL MASS STUDIES, PART-2
-----	---	--------	----------	-------------------------------

OAK RIDGE - URANIUM(37.5%)HEXAFLUORIDE - CUBES

2044	CALLIHAN, A. D. / CRONIN, D. F.	ORNL-CF-55-10-97	55-10-21	CRITICAL EXPERIMENTS WITH URANIUM OF INTERMEDIATE URANIUM-235 CONTENT
------	---------------------------------	------------------	----------	---

OAK RIDGE - URANIUM(4.89%) METAL RODS IN WATER (LATTICES)

884	JOHNSON, E. B.	ORNL-4143, 31-32	67-08-00	CRITICAL LATTICES OF URANIUM(4.89) METAL RODS IN WATER
2028	JOHNSON, E. B.	TANSAO, 11, 674-675	68-11-00	CRITICAL LATTICES OF URANIUM(4.89) RODS IN WATER AND IN AQUEOUS BORON SOLUTION

OAK RIDGE - URANIUM(4.89%) METAL RODS IN WATER (LATTICES) - CALCULATIONS

1927	FOX, J. K.	TANSAO, 13, 383	70-06-00	COMPARISONS OF EXPERIMENT WITH CALCULATIONS FOR STRONGLY ABSORBING ROD LATTICES.
------	------------	-----------------	----------	--

OAK RIDGE - URANIUM(5%)OXIDE - GLYCEROL

2079	CALLIHAN, A. D. / CRONIN, D. F.	Y-B23-22	52-11-05	RING TAMPING
------	---------------------------------	----------	----------	--------------

OAK RIDGE - URANIUM(64.4%)OXIDE - BERYLLIUM OXIDE PINS IN WATER AND URANYL NITRATE

1439	JOHNSON, E. B.	ORNL/ENG-2	76-07-00	THE CRITICALITY OF HETEROGENEOUS LATTICES OF EXPERIMENTAL BERYLLIUM OXIDE REACTOR FUEL PINS IN WATER AND IN AQUEOUS SOLUTIONS CONTAINING BORON AND URANYL NITRATE
------	----------------	------------	----------	---

OAK RIDGE - URANIUM(64.4%)OXIDE - BERYLLIUM OXIDE PINS IN WATER AND URANYL NITRATE - CALCULATIONS

1927	FOX, J. K.	TANSAO, 13, 383	70-06-00	COMPARISONS OF EXPERIMENT WITH CALCULATIONS FOR STRONGLY ABSORBING ROD LATTICES.
------	------------	-----------------	----------	--

OAK RIDGE - URANIUM(92%) - ALUMINUM - WATER REACTOR

1986	MANN, M. M. / MARTIN, A. B.	MONP-357	47-08-18	CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM-WATER MODERATOR AND DEUTERIUM OXIDE, BERYLLIUM, AND WATER REFLECTORS
1975	MARTIN, A. B. / MANN, M. M.	ORNL-0079	48-08-17	FURTHER CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM-WATER MODERATOR AND A BERYLLIUM REFLECTOR

OAK RIDGE - URANIUM(92%) - BERYLLIUM - CALCULATIONS

2005	SRIKANTIAH, G.	TANSAO, 04, 303-304	61-11-00	ANALYSIS OF A BERYLLIUM MODERATED CRITICAL EXPERIMENT
------	----------------	---------------------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE**

OAK RIDGE - URANIUM(92%) - BERYLLIUM

331	HURWITZ, H. / EHRlich, R.	GENEVA-1, 05, 423-432	55-08-00	COMPARISON OF THEORY AND EXPERIMENT FOR INTERMEDIATE ASSEMBLIES
101	ZIMMERMAN, E. L.	ORNL-2201	58-10-20	TWO BERYLLIUM-MODERATED CRITICAL ASSEMBLIES
249	MILLS, C. B.	NSENAO, 13, 301-305	62-08-00	REFLECTOR MODERATED REACTORS
1200	MIHALCZO, J. T.	ORNL-3499, 69	63-08-01	SMALL GRAPHITE-OR BERYLLIUM-REFLECTED URANIUM-DIOXIDE CRITICAL ASSEMBLIES

OAK RIDGE - URANIUM(92%) - GRAPHITE SYSTEMS

43	ZIMMERMAN, E. L.	Y-0881 (DEL)	52-12-07	A GRAPHITE MODERATED CRITICAL ASSEMBLY, CA-4
2062	ZIMMERMAN, E. L.	BNL-0489, 239-274	57-11-12	A GRAPHITE MODERATED CRITICAL ASSEMBLY--CA-4
1205	MIHALCZO, J. T.	ORNL-4280, 41-43	68-00-00	MONTE CARLO CALCULATIONS OF THICK-GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES
2023	MIHALCZO, J. T.	TANSAO, 11, 385-386	68-06-00	MONTE CARLO CALCULATIONS OF THICK-GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES
1413	CRUME, E. C. / THOMAS, J. T.	TANSAO, 12, 336	69-06-00	CRITICAL AND NEAR-CRITICAL GRAPHITE-MODERATED ARRAYS OF URANIUM(93.2) CYLINDERS

OAK RIDGE - URANIUM(92%) - POLYETHYLENE SLABS

1200	MIHALCZO, J. T.	ORNL-3499, 69	63-08-01	SMALL GRAPHITE-OR BERYLLIUM-REFLECTED URANIUM-DIOXIDE CRITICAL ASSEMBLIES
886	MAGNUSON, D. W.	ORNL-4134, 32-34	67-08-00	ENRICHED URANIUM METAL AND POLYETHYLENE CRITICAL EXPERIMENTS FOR HYDROGEN/URANIUM-235 RATIOS FROM 0 TO 5
1206	MIHALCZO, J. T.	ORNL-4280, 43	68-00-00	CRITICAL PARAMETERS OF ENRICHED URANIUM METAL PARTLY REFLECTED BY POLYETHYLENE
45	MAGNUSON, D. W.	ORNL-TM-2082	68-02-00	CRITICAL EXPERIMENTS WITH ENRICHED URANIUM METAL-POLYETHYLENE, -PLEXIGLAS, AND -TEFLON MIXTURES
2021	MAGNUSON, D. W.	TANSAO, 11, 383	68-06-00	CRITICAL EXPERIMENTS AT HYDROGEN: URANIUM-235 RATIOS FROM 0 TO 5

OAK RIDGE - URANIUM(92%) FUEL TURNINGS

1979	MC LENDON, J. D. / MORFITT, J. W.	Y-A2-71	52-02-29	CRITICAL MASS TESTS ON ORALLOY MACHINE TURNINGS
------	-----------------------------------	---------	----------	---

OAK RIDGE - URANIUM(92%) METAL CYLINDERS - CALCULATIONS

456	HENRY, H. F. / NEWLON, C. E. / KNIGHT, J. R.	K-1478	61-07-11	EXTENSIONS OF NEUTRON INTERACTION CRITERIA
481	CLARK, H. K.	DP-868	64-01-00	COMPARISON OF A SIMPLE THEORETICAL TREATMENT OF CRITICAL ARRAYS OF FISSIONABLE UNITS WITH EXPERIMENT
1011	CLARK, H. K.	NSENAO, 20, 307-313	64-11-00	APPLICATION OF A SIMPLE, PRACTICAL METHOD FOR COMPUTING INTERACTION TO ARRAYS FOUND EXPERIMENTALLY TO BE CRITICAL

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - URANIUM(92%) METAL CYLINDERS - CALCULATIONS (CONTD.)

1159	MIHALCZO, J. T.	ORNL-TM-1220	65-08-19	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS
553	MIHALCZO, J. T.	NSENAO, 27, 557-563	67-03-00	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS
OAK RIDGE - URANIUM(92%) METAL CYLINDERS				
1147	MIHALCZO, J. T. / LYNN, J. J.	ORNL-4193, 131	61-10-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 3 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN
1196	THOMAS, J. T.	ORNL-3499, 58-62	63-08-01	CRITICAL ARRAYS OF URANIUM(93.2) METAL CYLINDERS
1197	MIHALCZO, J. T.	ORNL-3499, 62-63	63-08-01	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2) METAL
1198	MIHALCZO, J. T.	ORNL-3499, 64-67	63-08-01	PROMPT-NEUTRON DECAY PROPERTIES AND CRITICAL DIMENSIONS OF UNMODERATED CYLINDRICAL URANIUM(93.2) METAL ASSEMBLIES WITH LARGE GAPS
1475	MIHALCZO, J. T.	TANSAO, 06, 217-218	63-11-00	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2) METAL
691	MIHALCZO, J. T.	TANSAO, 07, 048-049	64-06-00	PROMPT NEUTRON LIFETIME IN ENRICHED URANIUM METAL CYLINDERS
110	THOMAS, J. T.	ORNL-TM-0868	64-07-00	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS, PART-2 - URANIUM METAL ENRICHED TO 93.2 PERCENT IN THE URANIUM-235 ISOTOPE
2	MIHALCZO, J. T.	NSENAO, 20, 060-065	64-09-00	PROMPT-NEUTRON LIFETIME IN CRITICAL ENRICHED-URANIUM METAL CYLINDERS AND ANNULI
832	MIHALCZO, J. T.	ORNL-3714, 36	64-12-00	CRITICAL EXPERIMENTS AND CALCULATIONS WITH REFLECTED ANNULAR CYLINDERS OF URANIUM(93.2) METAL
838	MIHALCZO, J. T.	TANSAO, 08, 442-443	65-11-00	CRITICAL URANIUM METAL ANNULI REFLECTED WITH POLYTHENE AND GRAPHITE
924	MIHALCZO, J. T.	ANL-7320, 237-241	66-10-10	PROMPT-NEUTRON TIME BEHAVIOR IN DELAYED-CRITICAL COUPLED URANIUM-METAL CYLINDERS
928	THOMAS, J. T.	ANL-7320, 299-303	66-10-10	MONTE CARLO CALCULATIONS OF FAST MULTICOMPONENT CRITICAL SYSTEMS
1462	MIHALCZO, J. T.	Y-DR-081	72-04-28	GRAPHITE AND POLYETHYLENE REFLECTED URANIUM-METAL CYLINDERS AND ANNULI
1838	MAGNUSON, D. W.	Y-DR-083	72-05-15	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS, PART-3. ARRAYS OF URANIUM(93.2) METAL SEPARATED BY VARIOUS MATERIALS.
1966	MIHALCZO, J. T.	NSENAO, 49, 489-504	72-12-00	CRITICALITY OF GRAPHITE- AND POLYETHYLENE-REFLECTED URANIUM(93.2)-METAL CYLINDERS AND ANNULI
1857	MAGNUSON, D. W.	Y-DR-109	73-04-30	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS, PART-4. ARRAYS OF URANIUM(93.2) METAL REFLECTED BY CONCRETE AND ARRAYS SEPARATED BY VERMICULITE AND REFLECTED BY POLYETHYLENE.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - URANIUM(92%) METAL CYLINDERS (CONTD.)

1520	THOMAS, J. T.	NSENAO, 52, 350-359	73-11-00	CRITICAL THREE-DIMENSIONAL ARRAYS OF URANIUM(93.2)-METAL CYLINDERS
1522	MAGNUSON, D. W.	TANSAO, 17, 265-266	73-11-00	ARRAY CRITICAL EXPERIMENTS WITH MATERIALS USED IN SHIPPING CONTAINERS

OAK RIDGE - URANIUM(92%) METAL SLABS

369	FOX, J. K./ GILLEY, L. W.	ORNL-CF-56-2-63	56-02-07	CRITICAL PARAMETERS OF A PROTON MODERATED AND PROTON REFLECTED SLAB OF URANIUM-235
210	MIHALCZO, J. T./ LYNN, J. J.	ORNL-CF-59-7-87	59-07-27	MULTIPLICATION MEASUREMENTS WITH HIGHLY ENRICHED URANIUM METAL SLABS
2039	MIHALCZO, J. T. / LYNN, J. J.	TANSAO, 02, 2, 080	59-11-00	MULTIPLICATION MEASUREMENTS WITH SLABS OF ENRICHED URANIUM
21	MIHALCZO, J. T./ LYNN, J. J.	ORNL-CF-61-04-33	61-04-10	NEUTRON MULTIPLICATION EXPERIMENTS WITH ENRICHED URANIUM METAL IN SLAB GEOMETRY
230	MIHALCZO, J. T.	ORNL-3360, 37-38	62-09-00	PROMPT NEUTRON LIFETIME IN HYDROGEN-MODERATED URANIUM(3) CRITICAL ASSEMBLIES
1194	MIHALCZO, J. T.	ORNL-3360, 39-40	62-09-00	PROMPT-NEUTRON DECAY CONSTANTS FOR UNMODERATED URANIUM METAL CRITICAL ASSEMBLIES WITH LARGE GAPS
30	MIHALCZO, J. T.	ORNL-TM-0470	63-01-11	PROMPT NEUTRON DECAY IN A TWO-COMPONENT ENRICHED URANIUM METAL CRITICAL ASSEMBLY
1411	MIHALCZO, J. T.	TANSAO, 11, 603-604	68-11-00	MONTE CARLO CALCULATIONS OF TWO-CORE DELAYED CRITICAL ASSEMBLIES

OAK RIDGE - URANIUM(92%) METAL SPHERES

1655	MIHALCZO, J. T.	TANSAO, 14, 675-677	71-10-00	HIGHLY ENRICHED URANIUM METAL SPHERE ASSEMBLY.
------	-----------------	---------------------	----------	--

OAK RIDGE - URANIUM(92%)TRIOXIDE - WATER (SLURRIES)

234	CRONIN, D. F./ CALLIHAN, A. D.	ORNL-1726	54-06-17	CRITICAL MASS STUDIES, PART 7 AQUEOUS URANIUM SLURRIES
-----	--------------------------------	-----------	----------	--

OAK RIDGE - URANYL(4.9%)FLUORIDE - WATER

855	CRONIN, D. F./ THOMAS, J. T.	ORNL-1926, 07-08	55-09-07	CRITICAL PARAMETERS OF SLIGHTLY ENRICHED URANIUM SOLUTIONS IN SPHERICAL GEOMETRY
808	JOHNSON, E. B./ CRONIN, D. F.	TANSAO, 07, 301-303	64-11-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM
738	JOHNSON, E. B./ CRONIN, D. F.	ORNL-3714, 31	64-12-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM
124	WEBSTER, J. W./ JOHNSON, E. B.	ORNL-TM-1195	65-07-23	CRITICALITY OF A SINGLE UNIT OF AQUEOUS URANYL FLUORIDE SOLUTION ENRICHED TO 5 PERCENT IN URANIUM-235
614	JOHNSON, E. B.	ORNL-3973, 14	66-05-31	CRITICALITY OF A SPHERE OF 4.98% ENRICHED URANYL FLUORIDE SOLUTION
885	WEBSTER, J. W./ JOHNSON, E. B.	ORNL-4134, 32	67-08-00	CRITICALITY OF AQUEOUS SOLUTIONS OF 5 PERCENT ENRICHED URANIUM

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE**

OAK RIDGE - URANYL(4.9%)FLUORIDE - WATER (CONTD.)

2022	JOHNSON, E. B. / NEWLON, C. E.	TANSAO, 11, 383-384	68-06-00	THE EFFECT OF STEEL - WATER REFLECTORS ON THE CRITICALITY OF LOW-ENRICHED URANYL FLUORIDE SOLUTION
------	--------------------------------	---------------------	----------	--

OAK RIDGE - URANYL(4.9%)FLUORIDE - WATER - CALCULATIONS

476	HERMANN, O. W.	KY-294	58-10-01	A GENERALIZED AND CONSISTENT METHOD FOR CALCULATING THE CRITICAL MASS OF HOMOGENEOUS AQUEOUS URANYL FLUORIDE SOLUTIONS
453	WEBSTER, J. W.	ORNL-TM-2187	68-11-00	O5R MONTE CARLO CALCULATIONS OF LOW-ENRICHED URANIUM THERMAL CRITICAL ASSEMBLIES, AND EVIDENCE OF ERRORS IN URANIUM-238 CROSS SECTIONS
1724	FORD, W. E. / WESTFALL, R. M. / WEBSTER, C. C.	TANSAO, 22, 290-291	75-11-00	A 218 NEUTRON GROUP MASTER CROSS SECTION LIBRARY FOR CRITICALITY SAFETY STUDIES

OAK RIDGE - URANYL(5%)FLUORIDE INTERSECTING CYLINDERS

1646	JOHNSON, E. B.	TANSAO, 14, 678	71-10-00	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF 5% URANIUM-235 ENRICHED URANYL FLUORIDE AQUEOUS SOLUTION
1711	JOHNSON, E. B.	Y-DR-129	74-10-31	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF AQUEOUS URANYL FLUORIDE SOLUTIONS

OAK RIDGE - URANYL(5%)FLUORIDE INTERSECTING CYLINDERS - CALCULATIONS

1744	DICKINSON, D. / SCHUSKE, C. L.	NUTYBB, 10, 179-187	71-02-00	EMPIRICAL MODEL FOR SAFE PIPE INTERSECTIONS CONTAINING FISSION SOLUTION.
1524	CROSS, N. F. / WHITESIDES, G. E. / HINTON, R. J.	TANSAO, 17, 268	73-11-00	MONTE CARLO ANALYSIS OF EXPERIMENTALLY CRITICAL PIPE INTERSECTIONS

OAK RIDGE - URANYL(92%)SALTS - WATER

162	BECK, C. K. / CALLIHAN, A. D. / MORFITT, J. W. / MURRAY, R. L.	K-0343	49-04-19	CRITICAL MASS STUDIES, PART-3
79	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MACKLIN, R. L. / MORFITT, J. W.	K-0406	49-11-28	CRITICAL MASS STUDIES, PART-4
71	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W.	K-0643	50-06-30	CRITICAL MASS STUDIES, PART-5
2051	MORFITT, J. W.	Y-1023	53-12-01	MINIMUM CRITICAL MASS AND UNIFORM THERMAL NEUTRON CORE FLUX IN AN EXPERIMENTAL REACTOR
196	GILLEY, L. W. / CRONIN, D. F. / HARNES, V. G.	ORNL-1715, 12	54-07-14	BORON POISONING IN CRITICAL SLABS
363	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	ORNL-1992	55-00-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM - 235

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - URANYL(92%)SALTS - WATER (CONTD.)

854	THOMAS, J. T.	ORNL-1926, 06-07	55-09-07	CRITICAL PARAMETERS OF URANIUM-235 ENRICHED SOLUTIONS IN SPHERICAL GEOMETRY
855	CRONIN, D. F. / THOMAS, J. T.	ORNL-1926, 07-08	55-09-07	CRITICAL PARAMETERS OF SLIGHTLY ENRICHED URANIUM SOLUTIONS IN SPHERICAL GEOMETRY
856	GILLEY, L. W.	ORNL-1926, 08-09	55-09-07	EFFECT OF CONCRETE AS A NEUTRON REFLECTOR
1092	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	NSENAO, 01, 020-032	56-03-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235
76	FOX, J. K. / GILLEY, L. W.	ORNL-CF-56-7-148	56-07-30	PRELIMINARY REPORT OF CRITICAL EXPERIMENTS IN SLAB GEOMETRY
205	FOX, J. K. / GILLEY, L. W.	ORNL-2081, 61	56-11-05	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-235
2107	VISNER, S. / WOOD, P. M.	ORNL-1858	57-04-03	LOW-POWER CRITICALITY EXPERIMENTS ON THE HOMOGENEOUS REACTOR EXPERIMENT (HRE-1)
368	FOX, J. K. / GILLEY, L. W.	ORNL-2389	58-00-00	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM-235
371	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-39	58-00-00	SOME STUDIES OF WATER, STYROFOAM AND PLEXIGLAS REFLECTORS
49	FOX, J. K. / GILLEY, L. W. / CALLIHAN, A. D.	ORNL-2367	58-03-04	CRITICAL MASS STUDIES, PART-9: AQUEOUS URANIUM-235 SOLUTIONS (CONTINUED)
165	FOX, J. K. / GILLEY, L. W. / MARABLE, J. H.	NSENAO, 03, 694-697	58-06-00	CRITICAL PARAMETERS OF A PROTON-MODERATED AND PROTON-REFLECTED SLAB OF URANIUM-235
372	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-8-5	58-08-01	CRITICAL PARAMETERS FOR POISONED ANNULAR CYLINDERS CONTAINING AQUEOUS SOLUTIONS OF URANIUM-235
164	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	ORNL-2609	58-10-29	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY
163	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	ORNL-2842	59-09-00	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY
111	FOX, J. K. / GILLEY, L. W. / ROHRER, E. R.	ORNL-2143	59-09-23	CRITICAL MASS STUDIES, PART-8 AQUEOUS SOLUTIONS OF URANIUM-233
114	GWIN, R. / MAGNUSON, D. W.	ORNL-CF-60-40-12	60-09-16	CRITICAL EXPERIMENTS FOR REACTOR PHYSICS STUDIES
1485	GILLEY, L. W. / THOMAS, J. T.	TANSAO, 04, 054-055	61-06-00	CRITICAL ARRAYS OF NEUTRON INTERACTING UNITS
868	FOX, J. K.	ORNL-3193	61-09-01	CRITICAL PARAMETERS OF SOLUTIONS OF URANIUM-235 ENRICHED URANYL NITRATE IN CYLINDRICAL CONTAINERS
2093	GILLEY, L. W. / CRONIN, D. F. / FOX, J. K. / THOMAS, J. T.	ORNL-4193, 159-167	61-10-00	CRITICAL ARRAYS OF NEUTRON-INTERACTING UNITS
375	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	ORNL-TM-0499	63-02-06	CRITICAL MASS STUDIES - PART 13, BOROSILICATE GLASS RASCHIG RINGS IN AQUEOUS URANYL NITRATE SOLUTIONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - URANYL(92%)SALTS - WATER (CONTD.)

1195	MAGNUSON, D. W.	ORNL-3499, 57-58	63-08-01	MEASUREMENT AND CALCULATION OF THE PROMPT-NEUTRON DECAY CONSTANT AND EFFECTIVE BUCKLING AS A FUNCTION OF SIZE FOR HOMOGENEOUS URANIUM SOLUTIONS
206	THOMAS, J. T.	ORNL-TM-0719	63-10-01	CRITICAL THREE DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS
1211	THOMAS, J. T.	ORNL-4280, 53-55	68-00-00	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-233(1), OXYGEN(2), (NITROGEN(1)-OXYGEN(3))(2)
579	WEBSTER, J. W.	NSENAO, 32, 133-135	68-04-00	MINIMUM THICKNESS OF A WATER-REFLECTED INFINITE SLAB OF AN AQUEOUS SOLUTION OF URANYL FLUORIDE AT OPTIMUM CONCENTRATION
502	STAUB, A. / HARRIS, D. R. / GOLDSMITH, M.	NSENAO, 34, 263-274	68-12-00	ANALYSIS OF A SET OF CRITICAL HOMOGENEOUS URANIUM-WATER SPHERES

OAK RIDGE - URANYL(92%)SALTS - WATER - CALCULATIONS

474	POND, J. A.	GAT-189	56-07-20	CRITICAL GEOMETRIES FOR BARE CYLINDERS
377	GWIN, R. / TRUNBEY, D. K. / WEINBERG, A. M.	GENEVA-2, 12, 529-538	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF UNREFLECTED AQUEOUS URANIUM-235 CRITICAL ASSEMBLIES
476	HERMANN, O. W.	KY-294	58-10-01	A GENERALIZED AND CONSISTENT METHOD FOR CALCULATING THE CRITICAL MASS OF HOMOGENEOUS AQUEOUS URANYL FLUORIDE SOLUTIONS
2038	NESTOR, C. W.	TANSAO, 02, 2, 042-043	59-11-00	A COMPARISON OF SOME CRITICALITY CALCULATIONS WITH EXPERIMENT
682	RUTLEDGE, G. P. / KANTORCZYK, P. A.	WAPD-TM-0244	60-11-00	NUCLEAR ANALYSIS OF THERMAL REFLECTED CYLINDRICAL HOMOGENEOUS CRITICAL ASSEMBLIES
1042	MILLS, C. B.	NSENAO, 09, 377-390	61-03-00	MINIMUM CRITICAL DIMENSIONS FOR WATER SOLUTIONS
649	SCHUSKE, C. L. / ERNST, B. B. / KING, H. W.	RFP-0315	63-05-29	EMPIRICAL ANALYSIS OF CRITICAL BARE ARRAYS OF CYLINDERS OF ENRICHED URANIUM NITRATE
1199	MAGNUSON, D. W.	ORNL-3499, 68	63-08-01	DSN TRANSPORT CALCULATIONS OF CRITICAL SPHERES OF URANIUM SOLUTIONS
481	CLARK, H. K.	DP-868	64-01-00	COMPARISON OF A SIMPLE THEORETICAL TREATMENT OF CRITICAL ARRAYS OF FISSIONABLE UNITS WITH EXPERIMENT
809	LIKALA, R. C. / WORDEN, J. R. / REARDON, W. A.	HW-81659, 26-32	64-04-15	AN ANALYSIS OF URANIUM FUELED LIGHT WATER MODERATED CRITICAL EXPERIMENTS
1011	CLARK, H. K.	NSENAO, 20, 307-313	64-11-00	APPLICATION OF A SIMPLE, PRACTICAL METHOD FOR COMPUTING INTERACTION TO ARRAYS FOUND EXPERIMENTALLY TO BE CRITICAL
439	WEBSTER, J. W.	ORNL-CDC-02	67-10-00	CALCULATED NEUTRON MULTIPLICATION FACTORS OF UNIFORM AQUEOUS SOLUTIONS OF URANIUM-233 AND URANIUM-235
414	MENDELSON, M. R.	NSENAO, 32, 319-331	68-06-00	MONTE CARLO CRITICALITY CALCULATIONS FOR THERMAL REACTORS
453	WEBSTER, J. W.	ORNL-TM-2187	68-11-00	05R MONTE CARLO CALCULATIONS OF LOW-ENRICHED URANIUM THERMAL CRITICAL ASSEMBLIES, AND EVIDENCE OF ERRORS IN URANIUM-238 CROSS SECTIONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

OAK RIDGE - URANYL(92%)SALTS - WATER - CALCULATIONS (CONTD.)

1724 FORD, W. E. / WESTFALL, TANSO, 22, 290-291 75-11-00
R. M. / WEBSTER, C. C.

A 218 NEUTRON GROUP MASTER CROSS
SECTION LIBRARY FOR CRITICALITY SAFETY
STUDIES

OAK RIDGE - URANYL(93%)NITRATE - WATER - BOROSILICATE GLASS

2096 FOX, J. K. / THOMAS, J. ORNL-3360, 35-36 62-09-00
T.

CRITICAL EXPERIMENTS WITH MIXTURES OF
AQUEOUS URANIUM-235-ENRICHED URANYL
NITRATE SOLUTIONS AND BOROSILICATE
GLASS RINGS

375 THOMAS, J. T. / FOX, J. K. ORNL-TM-0499 63-02-06
/ JOHNSON, E. B.

CRITICAL MASS STUDIES - PART 13.
BOROSILICATE GLASS RASCHIG RINGS IN
AQUEOUS URANYL NITRATE SOLUTIONS

1473 THOMAS, J. T. / FOX, J. TANSO, 06, 171-172 63-11-00
K. / JOHNSON, E. B.

THE EFFECT OF BOROSILICATE GLASS
RASCHIG RINGS ON THE CRITICALITY OF
AQUEOUS URANYL NITRATE SOLUTIONS

OAK RIDGE - URANYL(98%)FLUORIDE ARRAYS - COUPLED THRU CONCRETE

1556 THOMAS, J. T. TANSO, 19, 199-200 74-11-00

EXPERIMENTAL MEASUREMENTS WITH ARRAYS
OF URANIUM(97.7)-HEXAFLUORIDE NEUTRON-
COUPLED THROUGH CONCRETE

OAK RIDGE - WATER LATTICE EXPERIMENTS

1984 BRANCH, G. / JONES, H. / CP-2842 45-10-26
RUSH, J. H. / WEINBERG,
A. M.

WATER LATTICE EXPERIMENTS

PHILLIPS PETROLEUM CO. - SPERT FUEL ELEMENTS

2037 SPANO, A. H. / METCALF, TANSO, 02, 2, 041- 59-11-00
D. R. 042

EXPERIMENTAL AND THEORETICAL REACTIVITY
STUDIES OF STAINLESS STEEL FUEL ELEMENTS

POLAND - ANNA CRITICAL ASSEMBLY

1814 DABROWSKI, C. / MALEWSKI, INR-1288 71-00-00
S.

PHYSICAL AND GEOMETRICAL PARAMETERS OF
ANNA CRITICAL ASSEMBLIES. PART 1.

1534 DABROWSKI, C. / MALEWSKI, NUKLEONIKA, 18, 474- 73-10-00
S. 494

ANALYSIS OF THE PHYSICAL PARAMETERS OF
THE ANNA CRITICAL ASSEMBLY

1549 ADAMSKI, L. / BUKOWSKI, K. NUKLEONIKA, 19, 565- 74-06-00
574

FAST-THERMAL CRITICAL ASSEMBLY P-ANNA-1

POLAND - ANNA CRITICAL ASSEMBLY - CALCULATIONS

1941 MALEWSKI, S. / DABROWSKI, INR-1456/9A/PR/A 73-00-00
C.

PHYSICAL AND GEOMETRICAL PARAMETERS OF
ANNA CRITICAL ASSEMBLIES. PART-2

ROCKY FLATS - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

1684 SCHUSKE, C. L. TANSO, 16, 157-158 73-06-00

EXPERIMENTAL PROGRAMS AT THE OOW ROCKY
FLATS NUCLEAR SAFETY LABORATORY.

ROCKY FLATS - BORATED PLUTONIUM METAL CYLINDERS

194 BIDINGER, G. H. / SCHUSKE, RFP-0201 60-07-07
C. L. / SMITH, D. F.

NUCLEAR SAFETY EXPERIMENTS ON PLUTONIUM
AND ENRICHED URANIUM HYDROGEN MODERATED
ASSEMBLIES CONTAINING BORON

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ROCKY FLATS - BORATED PLUTONIUM METAL CYLINDERS (CONTD.)

330	GOODWIN, A. / SCHUSKE, C. L.	JAABA, 15, 120-129	61-00-00	PLEXIGLAS AND GRAPHITE MODERATED PLUTONIUM ASSEMBLIES
-----	------------------------------	--------------------	----------	---

ROCKY FLATS - BORON/STAINLESS STEEL PLATES

195	SCHUSKE, C. L. / BIDINGER, G. H.	RFP-0246	61-08-00	NUCLEAR SAFETY MEASUREMENTS ON SYSTEMS CONTAINING BORON AND ENRICHED URANIUM
984	ROTHE, R. E.	CONF-680909, 096-107	68-09-23	THE INTERACTION BETWEEN POISONED AND UNPOISONED ELEMENTS IN A PERIODIC SLAB-CELL ARRAY
494	ROTHE, R. E.	NSENAO, 35, 267-276	69-02-00	CRITICAL MEASUREMENTS ON AN ENRICHED URANIUM SOLUTION SYSTEM
1555	ROTHE, R. E.	TANSAO, 19, 187-188	74-11-00	CRITICALITY OF PERIODICALLY BORON-POISONED ENRICHED-URANIUM-SOLUTION SYSTEMS
1559	ROTHE, R. E. / ALVAREZ, D. L. / CLARK, H. E.	NUTYBB, 25, 502-516	75-03-00	THE CRITICALITY OF PERIODICALLY BORON-POISONED URANIUM SOLUTION SYSTEMS

ROCKY FLATS - INTERSECTING CYLINDERS - CALCULATIONS

1744	DICKINSON, D. / SCHUSKE, C. L.	NUTYBB, 10, 179-187	71-02-00	EMPIRICAL MODEL FOR SAFE PIPE INTERSECTIONS CONTAINING FISSION SOLUTION.
1691	RUECKERT, N.T. / THOMAS, W.	ATOMKERNENERGIE, 21, 197-202	73-03-00	CRITICALITY SAFETY OF PIPE INTERSECTIONS FOR PLUTONIUM NITRATE SOLUTIONS.
1524	CROSS, N. F. / WHITESIDES, G. E. / HINTON, R. J.	TANSAO, 17, 268	73-11-00	MONTE CARLO ANALYSIS OF EXPERIMENTALLY CRITICAL PIPE INTERSECTIONS

ROCKY FLATS - OXIDE EXPERIMENTS

2111	OH, I. / PECORA, D. / ROTHE, R. E.	RFP-2795	78-06-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1978, THROUGH MARCH 31, 1978)
------	------------------------------------	----------	----------	---

ROCKY FLATS - PARALLEL CYLINDERS ON FISSION SLAB

1358	TUCK, G. / CLARK, H. E.	NSENAO, 40, 407-413	70-06-00	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB CYLINDER SYSTEM
------	-------------------------	---------------------	----------	--

ROCKY FLATS - PLUTONIUM GRAPHITE SYSTEMS

200	GOODWIN, A. / SCHUSKE, C. L.	RFP-0123	58-09-29	PLUTONIUM GRAPHITE ASSEMBLIES
199	GOODWIN, A. / SCHUSKE, C. L.	RFP-0158	59-08-10	PLUTONIUM GRAPHITE ASSEMBLIES - PART-2
330	GOODWIN, A. / SCHUSKE, C. L.	JAABA, 15, 120-129	61-00-00	PLEXIGLAS AND GRAPHITE MODERATED PLUTONIUM ASSEMBLIES

ROCKY FLATS - PLUTONIUM METAL - SALT SYSTEMS

109	SCHUSKE, C. L. / BELL, C. L. / BIDINGER, G. H. / SMITH, D. F.	RFP-0248	62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM
-----	---	----------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ROCKY FLATS - PLUTONIUM METAL BLOCKS - PLEXIGLASS

1558	SCHUSKE, C. L. / DICKINSON, D.	NUTYBB, 25, 072-083	75-01-00	CRITICALITY DESIGN OF A LARGE-CAPACITY PLUTONIUM MELTING CRUCIBLE
------	-----------------------------------	---------------------	----------	--

ROCKY FLATS - PLUTONIUM METAL CYLINDERS

181	SCHUSKE, C. L. / GOODWIN, A. / BIDINGER, G. H. / SMITH, D. F.	RFP-0174	59-12-28	INTERACTION OF TWO METAL SLABS OF PLUTONIUM IN PLEXIGLASS
170	SCHUSKE, C. L. / BIDINGER, G. H. / GOODWIN, A. / SMITH, D. F.	RFP-0178	60-01-20	PLUTONIUM PLEXIGLAS ASSEMBLIES
171	BIDINGER, G. H. / SCHUSKE, C. L. / SMITH, D. F.	RFP-0190	60-07-27	PLUTONIUM PLEXIGLAS ASSEMBLIES PART-2
182	SCHUSKE, C. L. / SMITH, D. F. / BELL, C. L.	RFP-0213	61-01-10	PLEXIGLAS-REFLECTED ASSEMBLIES OF PLUTONIUM

ROCKY FLATS - PLUTONIUM SOLUTIONS

208	SCHUSKE, C. L. /	RFP-0325	63-08-26	TWO EXPERIMENTAL SUBCRITICAL ARRAYS OF PLUTONIUM NITRATE SOLUTION
1280	HANSEN, L. E. / CLAYTON, E. D.	NUAPA, 06, 381-390	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART-2: INTERPRETATION

ROCKY FLATS - SOLID UNITS IN FISSILE SOLUTIONS

189	SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F.	RFP-0066	56-08-06	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMersed IN SOLUTIONS. PART-1
190	SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F.	RFP-0069	56-10-25	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMersed IN SOLUTION. PART-2
1987	GOODWIN, A. / SCHUSKE, C. L. / BIDINGER, G. H.	RFP-0182	60-01-26	CRITICALITY STUDIES OF ENRICHED URANIUM METAL IN URANYL NITRATE SOLUTIONS
109	SCHUSKE, C. L. / BELL, C. L. / BIDINGER, G. H. / SMITH, D. F.	RFP-0248	62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM
1761	TUCK, G. / CLARK, H. E.	TANSAO, 12, 875-877	69-11-00	SLAB CYLINDER-ARRAY EXPERIMENTAL DATA.
1737	HUNT, D. C. / ROTHE, R. E.	TANSAO, 13, 662-663	70-11-00	CRITICALITY CALCULATIONS AND MEASUREMENTS ON ENRICHED URANIUM METAL- SOLUTION COMBINATIONS.
1806	TUCK, G. / CLARK, H. E.	RFP-1314	70-12-16	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB--CYLINDER SYSTEM.
1624	HUNT, D. C. / ROTHE, R. E.	TANSAO, 14, 038-039	71-06-00	CRITICALITY ANALYSIS OF ENRICHED URANIUM METAL SPHERES UNDERGOING DISSOLUTION.
1647	HUNT, D. C. / ROTHE, R. E.	NSENAO, 46, 076-087	71-10-00	CRITICALITY MEASUREMENTS ON URANIUM METAL SPHERES IMMersed IN URANIUM SOLUTION.
1682	TUCK, G. / CLARK, H. E. / ALVAREZ, D. L.	NUTYBB, 18, 216-224	73-06-00	ENRICHED URANIUM METAL-SOLUTION SYSTEMS SEPARATED BY NEUTRON POISONS.
1544	ROTHE, R. E. / HUNT, D. C.	NSENAO, 54, 360-366	74-07-00	EFFECT OF POSITION IN THE CRITICALITY OF URANIUM SPHERES IN URANIUM SOLUTION CYLINDERS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE**

**ROCKY FLATS - SOLID UNITS IN FISSILE SOLUTIONS (CONTD.)
ROCKY FLATS - SOLUTIONS WITH RASCHIG RINGS**

194	BIDINGER, G. H./ SCHUSKE, C. L./ SMITH, D. F.	RFP-0201	60-07-07	NUCLEAR SAFETY EXPERIMENTS ON PLUTONIUM AND ENRICHED URANIUM HYDROGEN MODERATED ASSEMBLIES CONTAINING BORON
195	SCHUSKE, C. L./ BIDINGER, G. H.	RFP-0246	61-08-00	NUCLEAR SAFETY MEASUREMENTS ON SYSTEMS CONTAINING BORON AND ENRICHED URANIUM
208	SCHUSKE, C. L./	RFP-0325	63-08-26	TWO EXPERIMENTAL SUBCRITICAL ARRAYS OF PLUTONIUM NITRATE SOLUTION

ROCKY FLATS - URANIUM METAL - SALT SYSTEMS

1113	SCHUSKE, C. L./ ARTHUR, M. G./ GOODWIN, A./ NICKEL, A. N./ SMITH, D. F.	RFP-0089	57-11-27	SUBCRITICAL MEASUREMENTS ON PARALLELPEDS CONTAINING URANIUM-235 AND SALT EUTECTIC
------	---	----------	----------	---

ROCKY FLATS - URANIUM(92%) ARRAYS - CONCRETE REFLECTED

604	SCHUSKE, C. L.	RFP-0051	55-06-29	NEUTRON MULTIPLICATION MEASUREMENTS OF ORALLOY UNITS IN ARRAYS
483	SCHUSKE, C. L.	RFP-0059	60-11-14	NEUTRON MULTIPLICATION MEASUREMENTS OF PARALLEL ARRAYS OF ORALLOY UNITS
1511	SCHUSKE, C. L. / ROTHE, R. E.	RFP-NUREG-2582	76-10-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JULY 1, 1976-- SEPTEMBER 30, 1976
1939	SCHUSKE, C. L. / DICKINSON, D. / ROTHE, R. E. / OH, I. / GAYLORD, N. D.	RFP-NUREG-2622	77-02-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, OCTOBER 1, 1976-- DECEMBER 31, 1976

ROCKY FLATS - URANIUM(92%) METAL - SPHERES

109	SCHUSKE, C. L./ BELL, C. L./ BIDINGER, G. H./ SMITH, D. F.	RFP-0248	62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM
131	ERNST, B. B./ RISLEY, G. G./ TUCK, G.	RFP-0684, 005-006	66-02-04	METAL PARTS TEST.. PUBLISHED IN NUCLEAR SAFETY RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT FOR JULY, AUGUST, AND SEPTEMBER 1965, EDITED BY SCHUSKE, C. L.
177	TUCK, G.	RFP-0907	67-07-26	ENRICHED URANIUM-METAL MEASUREMENTS, NO. 1
807	ERNST, B. B.	RFP-1017	67-09-06	CRITICAL MASSES OF OIL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES WITH POLYURETHANE CENTERS
484	ROTHE, R. E.	RFP-1021	67-09-18	CRITICAL MASSES FOR PARTIALLY STEEL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES
1164	ERNST, B. B./ TUCK, G.	RFP-1025	67-11-06	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL STEEL-MODERATED, OIL-REFLECTED ENRICHED URANIUM ASSEMBLIES
15	COONFIELD, D. C./ TUCK, G./ CLARK, H. E./ ERNST, B. B.	RFP-1033	67-11-07	CRITICAL MASSES OF STEEL-MODERATED, ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

ROCKY FLATS - URANIUM(92%) METAL - SPHERES (CONTD.)

1762	HUNT, D. C./ BOSS, M. R.	TANSAO, 12, 872-873	69-11-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.
653	TUCK, G.	JAABA, 23, 663-672	69-12-00	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL ENRICHED URANIUM ASSEMBLIES
1354	COONFIELD, D. C./ TUCK, G./ CLARK, H. E./ ERNST, B. B.	NSENAO, 39, 320-328	70-03-00	CRITICAL MASS IRREGULARITY OF STEEL-MODERATED ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS
1642	HUNT, D. C./ BOSS, M. R.	JAABA, 25, 241-251	71-06-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.

ROCKY FLATS - URANYL NITRATE - PLEXIGLASS

1750	ROTHER, R. E./ SCHUSKE, C. L./ HICKS, E. E.	NUAPA, 07, 505-512	69-12-00	CRITICALITY OF A URANIUM-SOLUTION SLAB UNDER VARIOUS REFLECTOR CONDITIONS.
1433	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2481	76-01-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JULY 1, 1975 THROUGH DECEMBER 31, 1975)
1606	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / SHEETS, W. R.	RFP-NUREG-2517	76-05-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JANUARY 1, 1976--MARCH 31, 1976
1607	SCHUSKE, C. L. / DICKINSON, D. / ROTHE, R. E.	RFP-NUREG-2555	76-08-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, APRIL 1, 1976--JUNE 30, 1976
1434	SCHUSKE, C. L. / DICKINSON, D. / GAYLORD, N. D. / OH, I. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2660	77-05-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1977, THROUGH MARCH 31, 1977)
1435	DICKINSON, D. / GAYLORD, N. D. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2690	77-09-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD APRIL 1, 1977, THROUGH JUNE 30, 1977)
2095	ROTHER, R. E. / OH, I.	RFP-2710	78-04-00	BENCHMARK CRITICAL EXPERIMENTS ON HIGH-ENRICHED URANYL NITRATE SOLUTION SYSTEMS

SANDIA, ALBUQUERQUE - ACPR STORAGE RACK

1712	ESTES, B. F. / MORRIS, F. M. / PHILBIN, J. S.	SLA-74-0271	75-02-00	CRITICALITY EVALUATION OF THE ACPR FUEL-ELEMENT STORAGE RACK
------	---	-------------	----------	--

SAVANNAH RIVER - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

2087	CLARK, H. K.	DR-1014	66-02-00	CRITICAL AND SAFE MASSES AND DIMENSIONS OF LATTICES OF URANIUM AND URANIUM DIOXIDE RODS IN WATER
------	--------------	---------	----------	--

SAVANNAH RIVER - LARGE URANIUM-ALUMINUM FUEL FORMS IN WATER

1625	CURRIE, R. L. / PARKS, P. B. / JARRIEL, J. L.	TANSAO, 14, 039-040	71-06-00	REACTIVITY MEASUREMENTS ON LARGE URANIUM-235-ALUMINUM FORMS IN WATER
1644	CURRIE, R. L. / PARKS, P. B. / JARRIEL, J. L.	NUTYBB, 12, 356-362	71-12-00	STATIC AND PULSED REACTIVITY MEASUREMENTS ON LARGE URANIUM-235 FUEL FORMS IN WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

SAVANNAH RIVER - LARGE URANIUM-ALUMINUM FUEL FORMS IN WATER (CONTD.)

1454	PELLARIN, D. J. / JARRIEL, J. L.	TANSAO, 27, 413-415	77-11-00	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER
1455	PELLARIN, D. J. / JARRIEL, J. L.	DP-MS-77-49	77-11-27	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER

SAVANNAH RIVER - PROCESS DEVELOPMENT PILE - URANIUM AND PLUTONIUM LATTICES IN HEAVY WATER

762	HENNELLY, E. J. / PARKINSON, T. F. / ROGERS, W. B.	TANSAO, 03, 021-023	60-06-00	BUCKLING MEASUREMENTS ON NATURAL URANIUM - HEAVY WATER LATTICES AT TEMPERATURES UP TO 215 DEGREE CENTIGRADE
848	HURLEY, T. J. / O'NEILL, G. F.	TANSAO, 03, 075-076	60-06-00	EXPERIMENTAL LATTICES PARAMETERS FOR HEAVY WATER - NATURAL URANIUM LATTICES
1481	BAUMANN, N. P. / HENNELLY, E. J.	TANSAO, 04, 048-049	61-06-00	BUCKLING MEASUREMENTS OF HEAVY-WATER MODERATED CLUSTERS OF NATURAL URANIUM OXIDE RODS
1492	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	TANSAO, 04, 103-104	61-06-00	NATURAL URANIUM-HEAVY-WATER BUCKLINGS OVER AN EXTENDED RANGE OF PITCH AND FUEL ASSEMBLY SIZE
1999	HURLEY, T. J. / O'NEILL, G. F.	TANSAO, 04, 295-296	61-11-00	MEASURED NUCLEAR PARAMETERS FOR NATURAL URANIUM ROD LATTICES IN HEAVY WATER
2000	WINGFIELD, E. C. / HENNELLY, E. J.	TANSAO, 04, 296-298	61-11-00	COMPARISON OF EXPONENTIAL AND CRITICAL BUCKLINGS FOR NATURAL URANIUM RODS IN HEAVY WATER
1053	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 12, 341-347	62-03-00	EXPERIMENTAL BUCKLINGS OF HEAVY WATER MODERATED LATTICES OF NATURAL URANIUM METAL ROD CLUSTERS
1054	WINGFIELD, E. C. / HENNELLY, E. J.	NSENAO, 12, 348-358	62-03-00	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM RODS IN HEAVY WATER AND COMPARISONS WITH CRITICAL EXPERIMENTS
1030	GRAVES, W. E. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 16, 186-195	63-06-00	EXPERIMENTAL BUCKLINGS AND VOID EFFECTS IN HEAVY WATER LATTICES OF NATURAL URANIUM OXIDE ROD CLUSTERS
2048	BENTON, F. D. / GRAVES, W. E.	TANSAO, 06, 053-054	63-06-00	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY-WATER-MODERATED, ORGANIC- OR WATER-COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS
654	HURLEY, T. J.	DP-777	63-08-00	MEASURED LATTICE PARAMETERS FOR NATURAL URANIUM METAL ROD LATTICES IN HEAVY WATER
716	BENTON, F. D.	DP-873	64-06-00	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY WATER MODERATED, ORGANIC OR WATER COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS
893	OLSON, R. L. / GRAVES, W. E.	TANSAO, 09, 181-182	66-06-00	CRITICAL EXPERIMENTS WITH HIGHLY BURNED- UP PLUTONIUM IN HEAVY WATER

SAVANNAH RIVER - PROCESS DEVELOPMENT PILE - URANIUM AND PLUTONIUM LATTICES IN HEAVY WATER - CALCULATIONS

571	GRAVES, W. E. / BENTON, F. D. / SATTERFIELD, R. M.	NSENAO, 31, 057-066	68-01-00	A COMPARISON OF HETEROGENEOUS NUCLEAR- REACTOR LATTICE THEORY WITH EXPERIMENT
-----	---	---------------------	----------	--

SAVANNAH RIVER - URANIUM(1.1%) SLUGS IN WATER

1523	SMOTREL, J. R.	TANSAO, 17, 266-267	73-11-00	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG PAIRS CONTAINING 1.1 WT% ENRICHED URANIUM
------	----------------	---------------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

SAVANNAH RIVER - URANIUM(1.1%) SLUGS IN WATER (CONTD.)

1694	SMOTREL, J. R.	DP-MS-73-41	73-11-00	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG PAIRS CONTAINING 1.1 WT% URANIUM-235
------	----------------	-------------	----------	---

SAVANNAH RIVER - URANIUM(3%) RODS IN WATER

1015	ROGERS, W. B. / KINARD, F. E. /	NSEAO, 20, 266-271	64-11-00	MATERIAL BUCKLING AND CRITICAL MASSES OF URANIUM RODS CONTAINING 3 WEIGHT PERCENT URANIUM-235 IN WATER
------	------------------------------------	--------------------	----------	--

SAVANNAH RIVER - URANIUM-235, URANIUM-233, PLUTONIUM MINIMUM CRITICAL MASS

1259	CLARK, H. K.	TANSAO, 08, 200-201	65-06-00	EFFECT OF DISTRIBUTION OF FISSIONABLE MATERIAL ON CRITICAL MASS
------	--------------	---------------------	----------	--

SOUTH AFRICA - PELINDUNA CRITICAL EXPERIMENTS URANIUM(2%)METAL - HEAVY WATER

126	DE VILLIERS, J. W. L.	PEL-170	68-02-00	SAFETY REPORT ON THE PELINDUNA CRITICAL EXPERIMENTS
-----	-----------------------	---------	----------	--

SWEDEN - FRO ZERO ENERGY FAST REACTOR (URANIUM(20%) - GRAPHITE)

379	HELLSTRAND, E. / ANDERSSON, T. L. / BRUNFELTER, B. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-207	65-12-00	EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2 OF THE FAST REACTOR FRO
788	ANDERSSON, T. L. / BRUNFELTER, B. / CECCHI, P. F. / HELLSTRAND, E. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-233	66-06-00	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO
918	ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J.	ANL-7320, 159-185	66-10-10	EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO
1421	SHER, R.	TANSAO, 12, 714	69-11-00	INTEGRAL MEASUREMENTS OF FAST-NEUTRON SPECTRA IN SOME URANIUM- AND PLUTONIUM- FUELED FAST REACTOR CORES

SWEDEN - HEAVY WATER LATTICES

1952	PERSSON, R. / BUSTRAAN, M. / BLOMSJO, E.	GENEVA-1, 05, 239- 241	55-08-00	SOME EXPERIENCES ON AN EXPONENTIAL PILE OF URANIUM AND HEAVY WATER
1948	PERSSON, R. / BLOMSJO, E. / ANDERSEN, E. / ASPELUND, O. / DODERLEIN, J.	GENEVA-2, 12, 364- 373	58-09-00	EXPONENTIAL EXPERIMENTS ON HEAVY WATER NATURAL URANIUM METAL AND OXIDE LATTICES

UNITED KINGDOM - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

334	JONES, A. F. / WALFORD, J. G.	ENEA-KARLS.-1961, 553-588	61-00-00	THE EQUIPMENT AND METHODS USED IN BRITISH CRITICALITY LABORATORIES
-----	-------------------------------	------------------------------	----------	---

UNITED KINGDOM - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES - CALCULATIONS

652	GRAY, A. W. / JONES, L. L.	WAPD-TM-0933	70-03-00	AN ANALYTICAL STUDY OF THE MINIMUM CRITICAL MASS OF HIGHLY ENRICHED URANIUM-235 WHEN REFLECTED BY NATURAL URANIUM AND WATER MIXTURES IN OPTIMIZED LATTICES
-----	----------------------------	--------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

UNITED KINGDOM, ALDERMASTON - URANIUM(30,37.5,46%) METAL

75	MC ENHILL, J. J. / WEALE, J. W.	IAEA-VIENNA-1961, 253-262	61-08-00	INTEGRAL EXPERIMENTS ON FAST SYSTEMS OF PLUTONIUM, URANIUM AND THORIUM
1443	THOMAS, A. F.	SNA/NM/A/14/61	61-10-03	INTERIM NOTE ON CRITICAL THICKNESS MEASUREMENTS WITH 45% ENRICHMENT URANIUM SLABS
1445	THOMAS, A. F.	SNA/NM/A/13/61	61-10-03	INTERIM NOTE ON CRITICAL MASS MEASUREMENTS WITH 30% ENRICHED URANIUM/HYDROGEN MIXTURES AT LOW HYDROGEN/URANIUM RATIOS
229	DOMINEY, J. R. / LANE, R. C. / THOMAS, A. F.	AWRE-NR/A-1/62	62-03-00	CRITICAL MASS MEASUREMENTS WITH THIN DISCS OF 45.5 PERCENT ENRICHED URANIUM
1446	LANE, R. C. / THOMAS, A. F.	CRIT/OP/3	63-10-09	MEASUREMENT OF THE CRITICAL MASS OF 37.5% ENRICHED URANIUM REFLECTED BY WOOD, CONCRETE, OR POLYTHENE
72	LANE, R. C.	IAEA-STOCK.-1965, 177-191	65-11-00	MEASUREMENTS OF THE CRITICAL PARAMETERS OF UNDERMODERATED URANIUM-HYDROGEN MIXTURES AT INTERMEDIATE ENRICHMENTS
29	LANE, R. C. / PERKINS, O. J. E.	AWRE-NR-1/66	66-02-00	MEASUREMENTS OF THE CRITICAL MASS OF 37.5 PERCENT ENRICHED URANIUM IN REFLECTORS OF WOOD, CONCRETE, POLYETHYLENE AND WATER

UNITED KINGDOM, ALDERMASTON - URANIUM(30%) METAL - CALCULATIONS

436	PENDLEBURY, E. D.	IAEA-VIENNA-1961, 097-110	61-08-00	THE SENSITIVITY OF CALCULATED CRITICAL MASSES OF SMALL FAST SYSTEMS TO CHANGES IN THE URANIUM-235 AND URANIUM-238 NEUTRON-SCATTERING DATA
-----	-------------------	---------------------------	----------	---

UNITED KINGDOM, ALDERMASTON - URANIUM-PLUTONIUM OXIDES - POLYTHENE

128	LANE, R. C. / PERKINS, O. J. E.	AWRE-0-32/68	68-07-00	THE MEASUREMENT OF THE CRITICAL SIZE OF A HOMOGENEOUS MIXTURE OF PLUTONIUM AND NATURAL URANIUM OXIDES WITH POLYTHENE
1686	CHALMERS, J. H.	TANSAO, 16, 160-161	73-06-00	EXPERIMENTAL CRITICALITY IN THE UNITED KINGDOM.
1696	LANE, R. C. / PARKER, C.	AWRE-0-58/73	73-12-00	MEASUREMENT OF THE CRITICAL SIZE OF SOLUTIONS OF PLUTONIUM AND NATURAL URANIUM NITRATES WITH PLUTONIUM/URANIUM RATIO OF 0.3

UNITED KINGDOM, ALDERMASTON - VERA FAST REACTOR

304	WEALE, J. W. / PATERSON, W. J.	JBNSA, 03, 311-319	64-00-00	PULSED-SOURCE METHODS IN FAST REACTOR PHYSICS
1171	NONE	EACRP-L-62, VOLS. 1 AND 2	65-10-00	NEUTRON SPECTRA
73	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	AWRE-R5/66	66-07-00	INTERIM REPORT ON URANIUM-FUELED VERA REACTOR EXPERIMENTS
946	WEALE, J. W. / BENJAMIN, P. W. / PATERSON, W. J.	ANL-7320, 501-505	66-10-10	A COMPARISON OF MEASURED AND CALCULATED ENERGY SPECTRA IN TWO VERA CORES
133	COATES, M. S. / GAYTHER, D. B. / GOODE, P. D. / TRIPP, D. J.	AERE-R5330	68-01-00	TIME OF FLIGHT MEASUREMENTS OF THE NEUTRON SPECTRUM IN A SUBCRITICAL FAST REACTOR ASSEMBLY

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

UNITED KINGDOM, ALDERMASTON - VERA FAST REACTOR (CONTD.)

1364	SMITH, J. C./ ATKINSON,
H./ MC TAGGART, M. H.	TRG REPORT 1539	69-06-13	VERA CORE 18: AN ASSEMBLY BUILT TO TEST
CALCULATION METHODS AND DATA FOR D.F.R.
301	MC TAGGART, M. H./
GOODFELLOW, H./ PATERSON,
W. J./ WEALE, J. W.	AWRE-R4/63	74-06-00	INTERIM REPORT ON THE VERA URANIUM-
235/GRAPHITE REACTOR EXPERIMENT

UNITED KINGDOM, ALDERMASTON - VERA FAST REACTOR - CALCULATIONS

455	DAVEY, W. G.	ANL-6850	64-02-00	CALCULATIONS OF K FOR SOME SMALL
URANIUM-233-, URANIUM-235-, AND
PLUTONIUM-239-FUELED FAST REACTORS
1401	KALLFELZ, J. M./ POENITZ,
W. P./ SEHGAL, B. R./
ZOLOTAR, B. A.	TANSO, 12, 186-187	69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS
THROUGH INTEGRAL EXPERIMENTS
1388	KALLFELZ, J. M./ ZOLOTAR,
B. A./ SEHGAL, B. R.	EACRP-L-77	69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS
SECTIONS AND THEIR INFLUENCE ON
CALCULATED FAST REACTOR PARAMETERS

UNITED KINGDOM, DOUNREY - DOUNREY FAST REACTOR (DFR)

94	SMITH, J. C./ ATKINSON,
H./ MC TAGGART, M. H.	TRG REPORT 1384(D)	66-10-00	THEORETICAL AND EXPERIMENTAL ANALYSIS
OF REACTION RATE DISTRIBUTION IN THE
DOUNREY FAST REACTOR
954	SMITH, J. C./ ATKINSON,
H./ MC TAGGART, M. H.	ANL-7320, 590-604	66-10-10	THEORETICAL AND EXPERIMENTAL ANALYSIS
OF REACTION RATE DISTRIBUTION IN THE
DOUNREY FAST REACTOR

UNITED KINGDOM, DOUNREY - URANYL(30%) FLUORIDE - WATER

639	SMITH, J. C. / PARKER, A.
V. / WALFORD, J. G. /
WHITE, C. | DEG MEMO.-633 (D) | 60-03-00 | CRITICALITY OF 30 PERCENT ENRICHED
URANIUM SOLUTIONS IN CYLINDRICAL
GEOMETRY. INTERIM REPORT |
|-----|---|-------------------|----------|--|

UNITED KINGDOM, HARWELL - EXPONENTIAL EXPERIMENTS FOR PIPPA-MK I (GRAPHITE - URANIUM)

624	BEVAN, G. / MUMMERY, P.
W. / SALMON, A. J. /
THOMPSON, M. W.	AERE-R/R-2602	54-11-00	EXPONENTIAL EXPERIMENTS FOR PIPPA MK.
(DECLASSIFIED VERSION OF AERE -RP/R-
1545)
2097	LOCKEY, D. J. / PEARSON,
H. / POPE, A. L. / WELLS,
C. M.	AERE-R/R-2597	56-09-00	EXPONENTIAL EXPERIMENTS WITH NATURAL
AND SLIGHTLY ENRICHED URANIUM, GRAPHITE
MODERATED SYSTEMS

UNITED KINGDOM, HARWELL - LIDO REACTOR - URANIUM(46%)- ALUMINUM - WATER

2102	HORTON, C. C.	UK/C/5/5	56-00-00	URANIUM-235-WATER ASSEMBLIES FOR LIDO

UNITED KINGDOM, HARWELL - PLUTONIUM IN WATER

364	HORTON, C. C./ MC CULLEN,
J. D.	GENEVA-1, 05, 156-
161	55-08-00	PLUTONIUM - WATER CRITICAL ASSEMBLIES
287	CROCKER, V. S./ ET AL	AERE-CR/R-1182	59-00-00	CRITICAL ASSEMBLIES OF PLUTONIUM
NITRATE SOLUTIONS

UNITED KINGDOM, HARWELL - SLIGHTLY ENRICHED URANIUM IN WATER

2098	DAVEY, W. G. / SMITH, K.
R. E. | AERE-RP/R-1788 | 55-10-00 | EXPONENTIAL EXPERIMENTS WITH ENRICHED
URANIUM--NATURAL WATER SYSTEMS |
|------|-----------------------------------|----------------|----------|---|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

UNITED KINGDOM, HARWELL - SLIGHTLY ENRICHED URANIUM IN WATER (CONTD.)

2099	CROCKER, V. S. / DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1810	57-07-00	APPROACH TO CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM IN NATURAL WATER
------	--	----------------	----------	--

UNITED KINGDOM, HARWELL - URANYL(46%)FLUORIDE IN HEAVY WATER

286	KING, D. T. / WALL, G. P. / WHITE, J. W. C.	AERE-CE/R-2624	58-00-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE PART 1 FUEL SYSTEM
66	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	AERE-R/R-2703	58-11-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS
67	CARTER, C. / LANG, P. K. H. / MYATT, G.	AERE-R/R-2731	59-07-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-3, THEORETICAL ANALYSIS

UNITED KINGDOM, HARWELL - URANYL(46%)FLUORIDE IN WATER

185	CLARKE, W. G. / HORTON, C. C. / SMITH, M. F.	AERE-R/R-2051	56-09-20	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTIONS... PART 1: EXPERIMENTAL TECHNIQUES AND RESULTS
288	CUNNINGHAM, J. E. / WALL, G. P. / WELLS, I.	AERE-CE/R-2052	58-00-00	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTION PART 2 PREPARATION AND HANDLING OF SOLUTIONS

UNITED KINGDOM, HARWELL - URANYL(46%)FLUORIDE IN WATER - CALCULATIONS

2101	HINES, K. C.	UK/C/5/1	56-00-00	U.K./CANADA CONFERENCE. NUCLEAR DATA SESSION: 5-PLUTONIUM-239, URANIUM-235, URANIUM-233--WATER ASSEMBLIES (ZETR)
------	--------------	----------	----------	--

UNITED KINGDOM, HARWELL - ZEPHYR (PLUTONIUM FAST REACTOR CRITICAL ASSEMBLY)

617	INGRAM, G. / SANDERS, J. E.	AERE-R/R-2539	58-07-00	THE BEHAVIOUR OF ZEPHYR WITH A GRAPHITE ENVELOPE
-----	--------------------------------	---------------	----------	---

UNITED KINGDOM, HARWELL - ZEUS (ZERO POWER FAST REACTOR MODEL FOR DOUNREAY REACTOR)

623	BAKER, A. R. / SMITH, R. D.	AERE-R/R-2444	59-00-00	ZEUS FINAL REPORT
-----	--------------------------------	---------------	----------	-------------------

UNITED KINGDOM, UNIVERSITY OF BIRMINGHAM - NATURAL URANIUM - WATER

1997	GIBSON, I. H. / WALKER, J.	IAEA-AMST.-1963, 1, 469-479	64-00-00	PULSED SOURCE MEASUREMENTS ON A URANIUM- WATER SUBCRITICAL ASSEMBLY
------	-------------------------------	--------------------------------	----------	--

UNITED KINGDOM, UNIVERSITY OF LONDON - NATURAL URANIUM LATTICES

1996	MANSFIELD, W. K. / KIM, J. M.	IAEA-AMST.-1963, 1, 457-467	63-09-00	EXPONENTIAL EXPERIMENTS WITH WATER AND NATURAL URANIUM
------	----------------------------------	--------------------------------	----------	---

UNITED KINGDOM, WINFRITH - HECTOR (GRAPHITE)

345	TATTERSALL, R. B. / SMALL, V. G. / MACBEAN, I. J. / HOWE, W. D.	AEEW-R376	64-00-00	REACTIVITY CHANGE MEASUREMENTS ON PLUTONIUM-URANIUM FUEL ELEMENTS IN HECTOR EXPERIMENTAL TECHNIQUES AND RESULTS
-----	---	-----------	----------	--

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

UNITED KINGDOM, WINFRITH - HECTOR (GRAPHITE) (CONTD.)

1145	BANNERMAN, R. C.	AEW-R499	68-08-00	ANALYSIS OF REACTIVITY MEASUREMENTS IN HECTOR ON SINGLE PLUTONIUM-URANIUM OXIDE CLUSTERS
------	------------------	----------	----------	--

UNITED KINGDOM, WINFRITH - URANIUM-PLUTONIUM-GRAPHITE

673	CARTER, D. H. / CLARKE, W. G. / HUNT, C. / MARSHALL, J. / MC CULLOCH, D. B. / SANDERS, J. E. / SYMONS, C. R.	AEW-R201	64-00-00	MEASUREMENTS OF BUCKLING AND RELATIVE REACTION RATES IN SOME PLUTONIUM- GRAPHITE ASSEMBLIES
696	RICHMOND, R.	AEW-R124	64-01-00	BUCKLING MEASUREMENTS ON GRAPHITE LATTICES CONTAINING COMPOSITE PLUTONIUM- URANIUM FUEL ELEMENTS
724	MAUNDERS, E. J.	AEW-R348	64-07-00	MEASUREMENTS OF BUCKLING AND PLUTONIUM- 239/URANIUM-235 RELATIVE REACTION RATES IN AN UNDERMODERATED GRAPHITE ASSEMBLY FUELED WITH HIGHLY ENRICHED URANIUM-235 AND PLUTONIUM-239

UNITED KINGDOM, WINFRITH - URANIUM-PLUTONIUM-GRAPHITE - CALCULATIONS

720	HARPER, R. G.	AEW-R325	64-00-00	AN ANALYSIS OF EXPERIMENTS ON GRAPHITE MODERATED ASSEMBLIES FUELED WITH URANIUM, PLUTONIUM AND URANIUM- PLUTONIUM METAL
-----	---------------	----------	----------	--

UNITED KINGDOM, WINFRITH - ZEBRA

686	SANDERS, J. E.	AEW-M340	63-04-00	EXPERIMENTS IN ZENITH
740	INGRAM, G. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R.	AEW-R315	63-10-00	THE FIRST CORE OF ZEBRA
744	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, J. M. / STEVENSON, J. M.	AEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R461	65-10-00	THE THIRD CORE OF ZEBRA
790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION
922	ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M.	ANL-7320, 216-230	66-10-10	ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE

UNITED KINGDOM, WINFRITH - ZEBRA - CALCULATIONS

435	LITTLE, W. W. / HARDIE, R. W. / MAAS, L. L.	BNWL-0347	67-02-01	MULTIGROUP ANALYSIS OF SELECTED FAST CRITICAL ASSEMBLIES
1409	EISEMANN, E. / KUESTERS, H. / METZENROTH, M. / SCHMIDT, J. J. / SCHROETER, K. E. / THIEM, D.	TANSAO, 11, 601-602	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE

UNIVERSITY OF CHICAGO - FERMI PILE (CP-1)

1450	SNELL, A. H. / BROLLEY, J. E. / LEVINGER, J. S. / WILKINSON, R.	CF-0589	43-04-17	STUDIES IN A FIVE TON METAL PILE
1451	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL
1449	FERMI, E.	AECD-3269	52-01-04	EXPERIMENTAL PRODUCTION OF A DIVERGENT CHAIN REACTION

USSR - GENERAL DESCRIPTIONS, INFORMATION, AND SUMMARIES

588	BONDARENKO, I. I. / KAZACHKOVSKII, O. D. / ABAGYAN, L. P. / ABORIN, YU. S. / BAZAZYANTS, N. O. / ET AL	GENEVA-3, 06, 152- 169	64-09-00	EXPERIMENTAL STUDIES ON FAST-NEUTRON REACTOR PHYSICS
1752	YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A.	PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38	68-00-00	THE LADA PHYSICS TEST STAND

USSR - BR-1 FAST ZERO POWER REACTOR

404	NIKOLAYEV, M. N. / GOLOOBYEV, V. I. / ABAGYAN, A. A. / ORLOV, M. U.	IAEA-VIENNA-1961, 403-412	61-08-00	NEUTRON PROPAGATION IN THE NICKEL SCREEN OF FAST REACTOR.
-----	--	------------------------------	----------	--

USSR - FAST BURST REACTOR

336	BLOKHIN, G. E. / BLOKHINTSEV, D. I. / BLYUMKINA, YU. A. / BONDARENKO, I. I. / DERYAGIN, B. I. / ZAIMOVSKII, A. S. / ET AL	ATOMK., 10, 437	61-00-00	A FAST NEUTRON BURST REACTOR
-----	--	-----------------	----------	------------------------------

USSR - INTERACTION EXPERIMENTS

1990	KAMAEV, A. V. / DUBOVSKII, B. G. / VAVILOV, V. V. / POPOV, G. A. / PALAMARCHUK, YU. D. / IVANOV, S. P.	AEC-TR-4708	62-10-09	EXPERIMENTAL INVESTIGATION OF EFFECTS OF INTERACTION OF TWO SUBCRITICAL REACTORS
------	--	-------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

USSR - ORGANIC COOLED MODERATORS

865	ALEKSENKO, U. N. /
BUINITSKAYA, V. I. /
ZASLAVSKII, V. V. /
ZVONOV, N. V. / ET AL	AECL-2330, 218-232	64-00-00	CRITICAL EXPERIMENTS WITH THE ORGANIC
COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS
OIL
2011	UROVA, L. N. / POLYAKOV,
A. A. / KLENOV, G. I. /
MOROSOV, I. G. / INYUTIN,
E. I. / SIDOROV, G. I.	AECL-2330, 233-250	64-00-00	A STUDY OF THE PHYSICAL CHARACTERISTICS
OF HYDROGEN-CONTAINING REACTORS IN THE
CRITICAL REGION

USSR - PF-4 CRITICAL ASSEMBLY (URANIUM(90%), BERYLLIUM)

437	LYEPOONSKI, A. I. /
KOENYETSOB, V. A. /
ARTUKHOB, G. YA. /
MOGILNYER, A. I. /
PROKHOROV, U. A. /
STEKLOVSKIE, V. M. /
CHYENOV, L. A. | IAEA-VIENNA-1961,
327-343 | 61-08-00 | EXPERIMENTAL STUDIES OF SOME OF THE
PHYSICAL FEATURES OF BERYLLIUM-
MODERATED INTERMEDIATE REACTORS. |
|-----|--|------------------------------|----------|--|

USSR - URANIUM(10%) - BERYLLIUM

1956	KRASNIN, A. K. /
DUBOVSKY, B. G.	JAABA, 04, 520-521	57-04-00	A BERYLLIUM MODERATED REACTOR (LETTER)
467	KRASNIN, A. K. /
DUBOVSKY, B. G. /
LANTSOV, M. N. / GLAZKOV,
Y. Y. / GONCHOROV, R. K.
/ KAMAEV, A. V. /
VAVILOV, V. V. / INYUTIN,
E. I. / SENCHEMKOV, A.
P.	GENEVA-2, 12, 571-
579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM
MODERATED REACTOR
834	PONOMAREV-STEPNOI, N. N.
/ LOMAKIN, S. S.	JAABA, 19, 291-298	65-04-00	STUDY OF A CRITICAL ASSEMBLY CONTAINING
A BERYLLIUM MODERATOR

USSR - URANIUM(90%) - ZIRCONIUM HYDRIDE

693	PONOMAREV-STEPNOI, N. N.
/ SMIRNOV, O. N. /
KULEVA, R. V. | GENEVA-3, 03, 241-
247 | 64-09-00 | INVESTIGATION ON SYSTEM WITH ZIRCONIUM
HYDRIDE MODERATOR |
|-----|---|---------------------------|----------|---|

USSR - URANYL NITRATE SOLUTIONS

692	DUBOVSKII, B. G. /
KAMAEV, A. V. / ORLOV, V.
V. / VLADYKOV, G. M. /
GURIN, V. N. / KUZNETSOV,
F. M. / KOCHERGIN, V. P.
/ MARKELOV, I. P. /
POPOV, G. A. /
SVIRIDENKO, V. J.	GENEVA-3, 13, 254-
263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS
SOLUTIONS OF URANIUM NITRATE AND
NUCLEAR SAFETY
759	DUBOVSKII, B. G. /
KAMAEV, A. V. /
KUZNETSOV, F. M. /
VLADYKOV, G. M. / POPOV,
G. A. / PALAMARCHUK, YU.
D.	JAABA, 19, 775-781	65-00-00	CRITICAL PARAMETERS FOR AQUEOUS
SOLUTIONS OF URANIUM NITRATE
787	KRASIN, A. K. / INYUTIN,
E. I.	SOVIET ATOMIC
ENERGY VOL. 18 NO. 2	65-02-00	HOMOGENEOUS CRITICAL ASSEMBLY WITH A
PROFILED FUEL CHARGE
405	DUBOVSKII, B. G. / ET AL	IAEA-STOCK.-1965,
267-278	65-11-00	CRITICAL PARAMETERS OF AQUEOUS
SOLUTIONS OF URANYL NITRATE AND
INTERACTION OF SUBCRITICAL HOMOGENEOUS
REACTORS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

WESTINGHOUSE - FLEXIBLE SURVEY ASSEMBLY CORE (HETEROGENEOUS URANIUM ALUMINUM WATER CORE)

2078	LEVINE, S. H. / JOHNSON, P. G.	WAPD-TM-0024	56-11-00	AN ALUMINUM--URANIUM CRITICAL ASSEMBLY IN CYLINDRICAL GEOMETRY
------	--------------------------------	--------------	----------	--

WESTINGHOUSE, ASTRONUCLEAR LABORATORY - FLEXIBLE CRITICAL EXPERIMENT (GRAPHITE)

1722	MOWERY, A.L.	WANL-TME-749	64-04-15	ANALYSIS IN SUPPORT OF THE FLEXIBLE CRITICAL EXPERIMENT
------	--------------	--------------	----------	---

WESTINGHOUSE, ATOMIC POWER DIVISION - MULTIPLE REGION URANIUM DIOXIDE - WATER

680	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	YAEC-142	59-11-30	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES.
681	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	WCAP-1412	60-03-30	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER

WESTINGHOUSE, ATOMIC POWER DIVISION - PWR CRITICAL EXPERIMENTS

469	KRASIK, S. / RADKOWSKY, A.	GENEVA-1, 05, 203-214	55-08-00	PRESSURISED WATER REACTOR (P.W.R.) CRITICAL EXPERIMENTS
2050	BAYARD, R. T. / HOVATTER, K. R. / MOREWITZ, H. A. / ZISSIS, G. J.	WAPD-PM-32	55-10-11	CRITICAL EXPERIMENTS ON LIGHTLY ENRICHED URANIUM-ZIRCONIUM ASSEMBLY
2108	HARTLEY, W. H.	WAPD-PWR-PH-112	56-05-00	SLAB EXPERIMENTS. II. URANIUM METAL REFLECTOR
2057	HARTLEY, W. H.	WAPD-PWR-PH-126	56-07-00	SLAB EXPERIMENTS. III. URANIUM OXIDE REFLECTOR
2074	MC FARLAND, C. E. / VOORHIS, A. D.	WAPD-169	57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF DIFFERENT REFLECTOR ARRANGEMENTS AND COMPOSITIONS
2075	VOORHIS, A. D. / RYAN, T. M. / GOLDSMITH, M. / JONES, R. T.	WAPD-170	57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF ABSORBING MEMBRANES OF CADMIUM, GOLD, AND BORON

WESTINGHOUSE, ATOMIC POWER DIVISION - SAXTON REACTOR - URANIUM AND PLUTONIUM OXIDES WITH WATER

757	ORR, W. L. / STERNBERG, H. I. / DEROMIX, P.	TANSAO, 08, 439-440	65-11-00	A COMPARISON OF ANALYSIS WITH EXPERIMENT FOR THE SAXTON PLUTONIUM CRITICAL EXPERIMENTS
830	LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A.	WCAP-3726-1	67-07-00	PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS
1687	LACEY, P.G.	TANSAO, 16, 161	73-06-00	CRITICAL LATTICE DATA IN SUPPORT OF SAFE FUEL HANDLING CRITERIA.

WESTINGHOUSE, ATOMIC POWER DIVISION - URANIUM(92%) HOMOGENEOUS REACTOR

183	BROWN, J. R. / NOORDHOFF, B. H. / BATESON, W. O.	WAPD-128	55-05-00	CRITICAL EXPERIMENTS ON A HIGHLY ENRICHED HOMOGENEOUS REACTOR
-----	--	----------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS SITE CONCORDANCE

WESTINGHOUSE, ATOMIC POWER DIVISION - YANKEE REACTOR - URANIUM DIOXIDE - WATER

1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446- 482	58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).
472	DAVISON, P. W. / BERG, S. S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAEC-094	59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER
198	ARNOLD, W. H. /	YAEC-152	59-11-00	CRITICAL MASSES AND LATTICE PARAMETERS OF WATER-URANIUM DIOXIDE CRITICAL EXPERIMENTS: A COMPARISON OF THEORY AND EXPERIMENT

WESTINGHOUSE, ATOMIC POWER DIVISION - YANKEE REACTOR - URANIUM DIOXIDE - WATER - CALCULATIONS

1043	PUECHL, K. H.	NSENAO, 09, 241-259	61-02-00	AN APPROACH TO REACTOR PHYSICS USING RESULTS OF INTEGRAL EXPERIMENTS
809	LIKALA, R. C. / WORDEN, J. R. / REARDON, W. A.	HW-81659, 26-32	64-04-15	AN ANALYSIS OF URANIUM FUELED LIGHT WATER MODERATED CRITICAL EXPERIMENTS

WESTINGHOUSE, BETTIS ATOMIC POWER LABORATORY - TRX CRITICAL ASSEMBLY

2059	BROWN, J. R. / NOORDHOFF, B. H. / PROFIO, A. E. / BATESON, W. O.	WAPD-117	54-11-00	REACTOR PROPERTIES OF WATER MODERATED SLIGHTLY ENRICHED URANIUM LATTICES
2077	GELBARD, E. M.	WAPD-P-695	55-12-00	ANALYSIS OF DCTF CRITICALITY AND REACTIVITY DATA
2076	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER
539	HARDY, J. / KLEIN, D. / DANNELS, R.	NSENAO, 26, 462-471	66-12-00	SPATIAL VARIATION OF THE FAST NEUTRON FLUX IN CELLS OF SLIGHTLY URANIUM-235- ENRICHED-URANIUM WATER-MODERATED LATTICES

WESTINGHOUSE, BETTIS ATOMIC POWER LABORATORY - URANIUM-233 SYSTEMS

594	MILANI, S. / WEISS, S. H.	WAPD-TM-0614	67-12-23	SMALL URANIUM-233 FUELED SEED-AND- BLANKET CRITICAL EXPERIMENTS (LWBR-LSBR DEVELOPMENT PROGRAM)
-----	---------------------------	--------------	----------	---

WESTINGHOUSE, BETTIS ATOMIC POWER LABORATORY - URANIUM(92%) RODS, URANIUM(.75%) SLAB IN WATER

831	VOLPE, J. J. / HARDY, J. / KLEIN, D.	WAPD-TM-0932	70-03-00	A COMPARISON OF THERMAL NEUTRON ACTIVATION MEASUREMENTS AND MONTE CARLO CALCULATIONS IN LIGHT-WATER-MODERATED URANIUM CELLS
-----	---	--------------	----------	--

WESTINGHOUSE, BETTIS ATOMIC POWER LABORATORY - URANIUM(92%)OXIDE - THORIUM OXIDE

793	JONES, L. L. / ROMESBURG, H. C.	WAPD-TM-0632	66-09-00	CRITICAL DIMENSION OF URANIUM-235 AQUEOUS SOLUTIONS CONTAINING URANIUM- 238 OR THORIUM-232
-----	------------------------------------	--------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
SITE CONCORDANCE

YUGOSLAVIA - NATURAL URANIUM - HEAVY WATER

592 POPOVIC, D.

GENEVA-2, 12, 392-
394

58-09-00

A BARE CRITICAL ASSEMBLY OF NATURAL
URANIUM AND HEAVY WATER

LOOKUP TABLES:

AUTHOR NAME

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

A

ABAGYAN, A. A.

404	NIKOLAYEV, M. N. /
GOLOOBYEV, V. I. /
ABAGYAN, A. A. / ORLOV,
M. U. | IAEA-VIENNA-1961,
403-412 | 61-08-00 | NEUTRON PROPAGATION IN THE NICKEL SCREEN OF
FAST REACTOR. |
|-----|--|------------------------------|----------|--|

ABAGYAN, L. P.

588	BONDARENKO, I. I. /
KAZACHKOVSKII, O. D. /
ABAGYAN, L. P. / ABORIN,
YU. S. / BAZAZYANTS, N.
O. / ET AL | GENEVA-3, 06, 152-
169 | 64-09-00 | EXPERIMENTAL STUDIES ON FAST-NEUTRON
REACTOR PHYSICS |
|-----|--|---------------------------|----------|---|

ABBEY, F.

40	CHALMERS, J. H. / ABBÉY,
F. | AHSB(S) HANDBOOK-5,
PART-1 | 67-00-00 | HANDBOOK OF EXPERIMENTAL CRITICALITY DATA
(PART-1, CHAPTERS 1 - 4) |
|----|--------------------------------|-------------------------------|----------|---|

ABORIN, YU. S.

588	BONDARENKO, I. I. /
KAZACHKOVSKII, O. D. /
ABAGYAN, L. P. / ABORIN,
YU. S. / BAZAZYANTS, N.
O. / ET AL | GENEVA-3, 06, 152-
169 | 64-09-00 | EXPERIMENTAL STUDIES ON FAST-NEUTRON
REACTOR PHYSICS |
|-----|--|---------------------------|----------|---|

ABSALOM, R. M.

740	INGRAM, G. / ABSALOM, R.
M. / ARNOLD, M. J. /
BAKER, A. R.	AEEW-R315	63-10-00	THE FIRST CORE OF ZEBRA
744	BROOMFIELD, A. M. /
ABSALOM, R. M. / ARNOLD,
M. J. / BAKER, A. R. /
FURNEAUX, D. / INGRAM, G.
/ PATTENDEN, S. K. /
PATTERSON, C. R. /
STEVENSON, J. M.	AEEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R.
M. / ARNOLD, M. J. /
BAKER, A. R. /
BROOMFIELD, A. M. /
FURNEAUX, D. / INGRAM, G.
/ PATTENDEN, S. K. /
PATTERSON, C. R. /
STEVENSON, J. M.	AEEW-R461	65-10-00	THE THIRD CORE OF ZEBRA
790	WHEELER, R. C. / ABSALOM,
R. M. / BAKER, A. R. /
BROOMFIELD, A. M. /
FURNEAUX, D. / INGRAM, G.
/ JOWITT, D. /
PATTENDEN, S. K. /
PATTERSON, C. R. / SMITH,
M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL
CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

ABSALOM, R. M. (CONTD.)

- 922 ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M. ANL-7320, 216-230 66-10-10 ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY

ACCINNI, F.

- 1871 ACCINNI, F. / PALAZZI, F. / ZORZOLI, G. B. CISE-R-100 64-02-00 PRELIMINARY REPORT ON URANIUM METAL TUBE CLUSTER-HEAVY WATER LATTICE MEASUREMENTS. TOPICAL REPORT NO. 2.

ACKERS, J. G.

- 1994 COELHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F. IAEA-AMST.-1963, 2, 233-256 63-09-00 THE CRITICAL FACILITY KRITO

ADAMSKI, L.

- 1549 ADAMSKI, L. / BUKOWSKI, K. NUKLEONIKA, 19, 565-574 74-06-00 FAST-THERMAL CRITICAL ASSEMBLY P-ANNA-1

ADAMSON, J.

- 763 ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M. AEEW-R461 65-10-00 THE THIRD CORE OF ZEBRA
- 922 ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M. ANL-7320, 216-230 66-10-10 ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY

ADERHOLD, H. C.

- 1479 ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A. TANSO, 06, 223-225 63-11-00 RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES

ALBERTSON, D. G.

- 841 ALBERTSON, D. G. / BUSSELMAN, G. J. TANSO, 08, 448-449 65-11-00 ANALYSIS AND MEASUREMENT OF PLUTONIUM ALUMINUM-POLYTHENE SYSTEMS IN THE PCTR

ALEKSENKO, U. N.

- 866 ALEKSENKO, U. N. / BUIITSKAYA, V. I. / ZASLAVSKII, V. V. / ZVONOV, N. V. / ET AL AECL-2330, 218-232 64-00-00 CRITICAL EXPERIMENTS WITH THE ORGANIC COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS OIL

ALINE, P. G.

- 685 JAWOROWSKI, T. R. / ALINE, P. G. / KOSANKE, H. D. APED-4236 63-07-15 CONTROL AUGMENTATION CRITICAL EXPERIMENTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

ALLEN, D. F.

2100	OKAZAKI, A. / ALLEN, D. F. / HONE, D. W.	CRRP-648	59-01-00	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM DIAMETER URANIUM METAL RODS IN HEAVY WATER
------	---	----------	----------	---

ALLRED, J. C.

140	ALLRED, J. C. / BENDT, P. J. / PETERSON, R. E.	NSENAO, 04, 498-500	58-09-00	CRITICAL MEASUREMENTS ON URANIUM TRIOXIDE IN PHOSPHORIC ACID SOLUTIONS (UO ₃ -H ₃ PO ₄)
-----	---	---------------------	----------	--

ALMENAS, K. K.

1098	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN- BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT
119	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / KARAM, R. A.	ANL-7007	67-03-00	PHYSICS MEASUREMENTS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS

ALVAREZ, D. L.

1682	TUCK, G. / CLARK, H. E. / ALVAREZ, D. L.	NUTYBB, 18, 216-224	73-06-00	ENRICHED URANIUM METAL-SOLUTION SYSTEMS SEPARATED BY NEUTRON POISONS.
1559	ROTHE, R. E. / ALVAREZ, D. L. / CLARK, H. E.	NUTYBB, 25, 502-516	75-03-00	THE CRITICALITY OF PERIODICALLY BORON- POISONED URANIUM SOLUTION SYSTEMS

AMUNDSON, P. I.

86	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	ANL-6337	61-05-00	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)
83	AMUNDSON, P. I. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6690	63-02-00	CRITICAL STUDIES OF URANIUM-STEEL AND URANIUM-STEEL-SODIUM FAST REACTOR CORES (ZPR-3 ASSEMBLIES 32 AND 33)
80	MC VEAN, R. L. / AMUNDSON, P. I. / BRUNSON, G. S. / GASIDLO, J. M.	ANL-6713	63-04-00	CRITICAL STUDIES OF A SMALL URANIUM CARBIDE FUELED REACTOR WITH A BERYLLIUM REFLECTOR (ZPR-3 ASSEMBLY 40)
1474	PLUMLEE, K. E. / BAIRD, Q. L. / STANFORD, G. S. / AMUNDSON, P. I.	TANSAO, 06, 217	63-11-00	CRITICAL EXPERIMENTS WITH BORAX-V SUPERHEATER ELEMENTS
350	AMUNDSON, P. I. / MC VEAN, R. L. / LONG, J. K.	ANL-6733	64-01-00	A TWO-ZONE FAST CRITICAL EXPERIMENTS, ZPR-3 ASSEMBLY 42.
1487	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	ANL-7320, 205-215	66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY
1829	HESS, A. L. / GASIDLO, J. M. / LONG, J. K. / AMUNDSON, P. I. / KEENEY, W. P.	ANL-6732	71-06-00	CRITICAL STUDIES OF A 440-LITER FAST- REACTOR CORE FUELED WITH URANIUM ENRICHED TO 17 PERCENT (ZPR-3 ASSEMBLY 41).
1630	KAISER, R. E. / AMUNDSON, P. I. / FORRESTER, R. J. / NEWMARK, B.	TANSAO, 14, 019-020	71-06-00	MEASUREMENT AND ANALYSIS OF SPACE-DEPENDENT PARAMETERS IN A DEMONSTRATION PLANT BENCHMARK CRITICAL

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

ANCARANI, A.

940	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7320, 403-420	66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES
121	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7281	66-12-00	MEASURED PHYSICS PARAMETERS IN A ZONED FAST URANIUM CARBIDE CORE, ASSEMBLY 4Z

ANDERSEN, E.

1948	PERSSON, R. / BLOMSJO, E. / ANDERSEN, E. / ASPELUND, O. / DODERLEIN, J.	GENEVA-2, 12, 364-373	58-09-00	EXPONENTIAL EXPERIMENTS ON HEAVY WATER NATURAL URANIUM METAL AND OXIDE LATTICES
1118	HELLENS, R. L. / ANDERSEN, E.	BNL-07293	66-10-15	SOME PROBLEMS IN THE INTERPRETATION OF EXPONENTIAL EXPERIMENTS

ANDERSON, JOHN L.

1863	ANDERSON, JOHN L. / MAYO, WENDELL	N-70-26979	70-05-00	EFFECT OF ADDING LITHIUM NITRIDE, HAFNIUM, TANTALUM, AND TUNGSTEN TO A FAST-SPECTRUM, MOLYBDENUM-REFLECTED CRITICAL ASSEMBLY.

ANDERSON, R. C.

1001	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	BAW-1191	60-05-00	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT

ANDERSSON, T. L.

379	HELLSTRAND, E. / ANDERSSON, T. L. / BRUNFELTER, B. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-207	65-12-00	EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2 OF THE FAST REACTOR FRO
788	ANDERSSON, T. L. / BRUNFELTER, B. / CECCHI, P. F. / HELLSTRAND, E. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-233	66-06-00	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO
918	ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J.	ANL-7320, 159-185	66-10-10	EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO

ANDREWS, D. G.

44	TANNER, C. J. / ANDREWS, D. G.	TANSAO, 11, 252-253	68-06-00	BUCKLING MEASUREMENTS IN A HEAVY WATER SUPERLATTICE

ANDREWS, J. C.

2076	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

ANTUNEZ, H. M.

1232	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	TANSAO, 09, 233-234	66-06-00	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR
------	--	---------------------	----------	--

ARCHIBALD, R.

1370	SARGIS, D. A. / BAXTER, A. / ARCHIBALD, R.	GA-8847	68-09-22	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY 48 USING ENDF/B CROSS SECTIONS
1363	ARCHIBALD, R. / BAXTER, A. / SARGIS, D. A.	TANSAO, 12, 182-183	69-06-00	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY-48 USING ENDF/B CROSS SECTIONS

ARMANI, R. J.

1963	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON, C. D.	NSENAO, 45, 37-46	71-07-00	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA
------	---	-------------------	----------	--

ARMSTRONG, J. W.

465	ARMSTRONG, J. W. / BEIDELMAN, J. A. / KAUFMANN, S. G. / PLUMLEE, K. E.	TANSAO, 01, 1, 098-099	58-06-00	EXPERIMENTS WITH THORIA-URANIA-DEUTERIUM OXIDE WATER CRITICALS
-----	--	------------------------	----------	--

ARNOLD, H.

1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446-482	58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).
------	---	-----------------------	----------	--

ARNOLD, M. J.

740	INGRAM, G. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R.	AEW-R315	63-10-00	THE FIRST CORE OF ZEBRA
744	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R461	65-10-00	THE THIRD CORE OF ZEBRA

ARNOLD, W. H.

198	ARNOLD, W. H. /	YAEC-152	59-11-00	CRITICAL MASSES AND LATTICE PARAMETERS OF WATER-URANIUM DIOXIDE CRITICAL EXPERIMENTS: A COMPARISON OF THEORY AND EXPERIMENT
-----	-----------------	----------	----------	---

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

ARONSON, A. L.

1907 PALMEDO, P. F. / LUDEWIG, H. / ARONSON, A. L. TANSO, 13, 253-254 70-06-00 EFFECT OF HYDROGEN CONTENT OF GRAPHITE IN FAST CRITICAL EXPERIMENTS.

ARTHUR, M. G.

189 SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F. RFP-0066 56-08-06 NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSED IN SOLUTIONS. PART-1
190 SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F. RFP-0069 56-10-25 NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSED IN SOLUTION. PART-2
1113 SCHUSKE, C. L. / ARTHUR, M. G. / GOODWIN, A. / NICKEL, A. N. / SMITH, D. F. RFP-0089 57-11-27 SUBCRITICAL MEASUREMENTS ON PARALLELEPIPEDS CONTAINING URANIUM-235 AND SALT EUTECTIC

ARTUKHOB, G. YA.

437 LYEPOONSKI, A. I. / KOENYETSOB, V. A. / ARTUKHOB, G. YA. / MOGILNYER, A. I. / PROKHOROV, U. A. / STEKLOVSKIE, V. M. / CHYENOV, L. A. IAEA-VIENNA-1961, 327-343 61-08-00 EXPERIMENTAL STUDIES OF SOME OF THE PHYSICAL FEATURES OF BERYLLIUM-MODERATED INTERMEDIATE REACTORS.

ASAOKA, R.

1833 ASAOKA, R. EUR-4676 71-07-00 ANALYSIS OF CRITICAL EXPERIMENTS ON THE SORA MOCKUP BY THE S-N METHOD.

ASPELUND, O.

1948 PERSSON, R. / BLOMSJO, E. / ANDERSEN, E. / ASPELUND, O. / DODERLEIN, J. GENEVA-2, 12, 364-373 58-09-00 EXPONENTIAL EXPERIMENTS ON HEAVY WATER NATURAL URANIUM METAL AND OXIDE LATTICES

ATKINSON, H.

94 SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H. TRG REPORT 1384(D) 66-10-00 THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREAY FAST REACTOR
954 SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H. ANL-7320, 590-604 66-10-10 THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREAY FAST REACTOR
1364 SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H. TRG REPORT 1539 69-06-13 VERA CORE 18: AN ASSEMBLY BUILT TO TEST CALCULATION METHODS AND DATA FOR D.F.R.

B

BACH, D. R.

1995 BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S. IAEA-AMST.-1963, 2, 391-445 63-09-00 COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

BACHER, P.

1950	BACHER, P. / KOECHLIN, J. C. / DE MAZANCOURT, R. / TESTE DU BAILLER, A. / ZALESKI, C. P.	GENEVA-2, 12, 666-684	58-09-00	NATURAL URANIUM-GRAPHITE LATTICES
1873	BACHER, P. / NAUDET, R.	JAABA, 13, 112-127 (ANL-TRANS-7B7)	61-00-00	MEASUREMENTS OF BUCKLINGS BY THE PROGRESSIVE REPLACEMENT METHOD.

BACHMANN, H.

1794	KIEFHABER, E. / KUESTERS, H. / SCHMIDT, J. J. / BACHMANN, H. / KRIEG, B. / STEIN, E. / THIEM, D. / WAGNER, K. / HINKELMANN, B. / SIEP, I.	CONF-690634, 094-100	69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.

BAIRD, Q. L.

1495	DE VILLIERS, J. W. L. / BAIRD, Q. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A
466	REDMAN, W. C. / KAUFMANN, S. G. / PLUMLEE, K. E. / BAIRD, Q. L.	ANL-6378	61-12-00	CRITICAL EXPERIMENTS WITH THORIA-URANIA FUEL IN HEAVY WATER
1474	PLUMLEE, K. E. / BAIRD, Q. L. / STANFORD, G. S. / AMUNDSON, P. I.	TANSAO, 06, 217	63-11-00	CRITICAL EXPERIMENTS WITH BORAX-V SUPERHEATER ELEMENTS

BAKER, A. R.

623	BAKER, A. R. / SMITH, R. D.	AERE-R/R-2444	59-00-00	ZEUS FINAL REPORT
398	LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W.	IAEA-VIENNA-1961, 271-285	61-08-00	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS
740	INGRAM, G. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R.	AEW-R315	63-10-00	THE FIRST CORE OF ZEBRA
744	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R461	65-10-00	THE THIRD CORE OF ZEBRA
790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K.	AEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BAKER, A. R. (CONTD.)

- PATTERSON, C. R. / SMITH,
M. F. / STEVENSON, J. M.
- 922 ADAMSON, J. / ABSALOM, R. ANL-7320, 216-230 66-10-10 ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY
M. / BAKER, A. R. / INGRAM,
G. / PATTENDEN, S. K. /
STEVENSON, J. M.

BAKER, C. P.

- 1980 BAKER, C. P. / DAGHLIAN, LA-0134 44-09-04 WATER BOILER
H. K. / FRIEDLANDER, G.
/ HOLLOWAY, M. G. /
KERST, D. W. / SCHREIBER,
R. E.
- 1981 BAKER, C. P. / HOLLOWAY, LA-0618 47-02-03 CRITICAL MASSES OF ENRICHED URANIUM
M. G. HYDRIDES AND SOME RELATED MEASUREMENTS

BALDWIN, M. N.

- 700 ENGELDER, T. C. / SNIDOW, BAW-1231 61-12-00 SPECTRAL SHIFT CONTROL REACTOR BASIC
N. L. / CLARK, R. H. /
BARKSDALE, C. E. / LEWIS,
R. H. / BALDWIN, M. N. PHYSICS PROGRAM CRITICAL EXPERIMENTS ON
LATTICES MODERATED BY HEAVY WATER-WATER
MIXTURES
- 628 ENGELDER, T. C. / CLARK, BAW-1273 63-11-00 MEASUREMENTS AND ANALYSIS OF UNIFORM
R. H. / BALDWIN, M. N. /
DEROCHE, E. J. /
FAIRBURN, G. T. / HALLAM,
J. W. LATTICE OF SLIGHTLY ENRICHED URANIUM
DIOXIDE MODERATED BY HEAVY WATER-WATER
MIXTURES
- 1369 PETTUS, W. G. / BALDWIN, BAW-3647-12 69-06-00 PHYSICS VERIFICATION PROGRAM PART-3
M. N. / FAIRBURN, G. T. /
STERN, M. E. QUARTERLY TECHNICAL REPORT JANUARY - MARCH
1969
- 1368 PETTUS, W. G. / BALDWIN, BAW-3647-14 69-09-00 PHYSICS VERIFICATION PROGRAM PART-3
M. N. / FAIRBURN, G. T. /
STERN, M. E. QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969
- 1905 BALDWIN, M. N. / STERN, M. BAW-3647-17 70-06-00 PHYSICS VERIFICATION PROGRAM. PART-3, TASK
E. 4. QUARTERLY TECHNICAL REPORT, JANUARY-
MARCH 1970.

BALL, C. J.

- 889 MORTON, J. R. / PIERCE, UCRL-50175 66-12-22 SUMMARY REPORT OF CRITICAL EXPERIMENTS
G. A. / GARDNER, L. L. /
BALL, C. J. PLUTONIUM ARRAY STUDIES, PHASE I

BALL, R. M.

- 1499 BALL, R. M. / MACKINNEY, TANSO, 04, 112-113 61-06-00 INITIAL CRITICALITY AND EXPERIMENTS ON N. S.
A. L. SAVANNAH CORE I
- 2009 BALL, R. M. TANSO, 04, 307 61-11-00 INITIAL OPERATION AND EXPERIMENTATION WITH
THE CONSOLIDATED EDISON THORIUM REACTOR

BALLOWE, W. C.

- 1438 DINGEE, D. A. / BALLOWE, BMI-1288 58-09-10 GCRC CRITICAL-ASSEMBLY STUDIES
W. C. / KLINGENSMITH, R.
W. / EGEN, R. A. /
JANKOWSKI, F. J. /
CHASTAIN, J. W.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

BANNERMAN, R. C.

1145	BANNERMAN, R. C.	AEÉW-R499	68-08-00	ANALYSIS OF REACTIVITY MEASUREMENTS IN HECTOR ON SINGLE PLUTONIUM-URANIUM OXIDE CLUSTERS
------	------------------	-----------	----------	--

BARBRY, F.

1898	BARBRY, F. / BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3931	69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSION- MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.
------	--	------------	----------	---

BARDES, R. G.

1992	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	IAEA-AMST.-1963, 3, 035-061	63-09-00	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION
900	BARDES, R. G. / GILLETTE, E. M. / NIRSCHL, R. J. / TRAYLOR, R. C.	TANSAO, 10, 198	67-06-00	EXPERIMENTAL AND ANALYTICAL DETERMINATION OF THE REACTIVITY WORTHS OF URANIUM-233, URANIUM-235, URANIUM-236 AND NEPTUNIUM-237 SAMPLES IN A SERIES OF URANIUM-235-GRAPHITE CRITICAL ASSEMBLIES

BARKSDALE, C. E.

2007	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	TANSAO, 04, 305	61-11-00	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES
700	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES

BARLEON, L.

917	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK
-----	--	-------------------	----------	--

BARRE, J. Y.

1394	BARRE, J. Y. / RAVIER, J.	PNR/SETR 69.031	69-03-00	USE OF INTEGRAL EXPERIMENTS TO IMPROVE THE CADARACHE CROSS SECTION SET - SET VERSION NO. 2 - APPLICATION TO PHENIX
1795	BARRE, J. Y. / HEINDLER, M. / LACAPPELLE, T. / RAVIER, J.	CONF-690634, 165-179	69-06-24	LESSONS DRAWN FROM INTEGRAL EXPERIMENTS ON A SET OF MULTIGROUP CROSS SECTIONS.

BARRY, R. F.

515	STRAWBRIDGE, L. E. / BARRY, R. F.	NSENAO, 23, 058-073	65-09-00	CRITICALITY CALCULATIONS FOR UNIFORM WATER- MODERATED LATTICES
-----	--------------------------------------	---------------------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BARTON, D. M.

64	BARTON, D. M. / BERNARD, W. / HANSEN, G. E.	LAMS-2489	61-04-12	CRITICAL MASSES OF COMPOSITES OF ORALLOY AND PLUTONIUM-239-PLUTONIUM-240 IN FLATTOP GEOMETRY
----	--	-----------	----------	--

BASSELIER, J.

820	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAEC-1882	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
2052	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAEC-1882(ANNEX)	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES

BATCH, M. L.

1977	WILLIAMS, D. V. P. / MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	ORNL-2128	56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT
1001	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	BAW-1191	60-05-00	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT

BATESON, W. O.

2059	BROWN, J. R. / NOORDHOFF, B. H. / PROFIO, A. E. / BATESON, W. O.	WAPD-117	54-11-00	REACTOR PROPERTIES OF WATER MODERATED SLIGHTLY ENRICHED URANIUM LATTICES
183	BROWN, J. R. / NOORDHOFF, B. H. / BATESON, W. O.	WAPD-128	55-05-00	CRITICAL EXPERIMENTS ON A HIGHLY ENRICHED HOMOGENEOUS REACTOR

BATTAT, M. E.

400	BATTAT, M. E.	IAEA-VIENNA-1961, 263-270	61-08-00	CRITICAL EXPERIMENTS AND NUCLEAR CALCULATIONS-LAMPRE-I
916	BATTAT, M. E. / LABAUVE, R. J.	ANL-7320, 130-134	66-10-10	COMPARISON OF MULTIGROUP CROSS-SECTION SETS USED IN REACTOR CALCULATIONS
795	LABAUVE, R. J. / BATTAT, M. E.	LA-DC-9216	68-04-04	CRITICALITY AND CENTRAL REACTIVITY CALCULATIONS USING ENDF/B DATA
1636	HIRONS, THOMAS J. / BATTAT, M. E.	TANSO, 14, 348-349	71-06-00	CALCULATIONS OF FAST CRITICAL ASSEMBLIES USING LASL AND ENDF/B VERSION II DATA.

BAUMANN, N. P.

1481	BAUMANN, N. P. / HENNELLY, E. J.	TANSO, 04, 048-049	61-06-00	BUCKLING MEASUREMENTS OF HEAVY-WATER MODERATED CLUSTERS OF NATURAL URANIUM OXIDE RODS
------	-------------------------------------	--------------------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BAXTER, A.

902	BAXTER, A. / CLAYTON, E.
D. / HANSEN, L. E.	TANSAO, 10, 536	67-11-00	STUDIES OF CRITICAL ASSEMBLIES OF
HOMOGENEOUS MIXTURES OF PLUTONIUM OXIDE AND
POLYSTYRENE
1370	SARGIS, D. A. / BAXTER, A.
/ ARCHIBALD, R.	GA-8847	68-09-22	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY 48
USING ENDF/B CROSS SECTIONS
1363	ARCHIBALD, R. / BAXTER, A.
/ SARGIS, D. A.	TANSAO, 12, 182-183	69-06-00	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY-48
USING ENDF/B CROSS SECTIONS

BAYARD, R. T.

2050	BAYARD, R. T. / HOVATTER,
K. R. / MOREWITZ, H. A.
/ ZISSIS, G. J. | WAPD-PM-32 | 55-10-11 | CRITICAL EXPERIMENTS ON LIGHTLY ENRICHED
URANIUM-ZIRCONIUM ASSEMBLY |
|------|---|------------|----------|--|

BAYER, A.

917	BARLEON, L. / BAYER, A. /
BRUCKNER, C. / BURKART, K.
/ FIEG, G. / KUHN, D. /
KUSSMAUL, G. / MEISTER, H.
/ SEUFERT, H. / STEGEMANN,
D. / WERLE, H. | ANL-7320, 137-158 | 66-10-10 | EVALUATION OF REACTOR PHYSICS EXPERIMENTS
ON THE COUPLED FAST-THERMAL ARGONAUT
REACTOR STARK |
|-----|--|-------------------|----------|--|

BAZAZYANTS, N. O.

588	BONDARENKO, I. I. /
KAZACHKOVSKII, O. D. /
ABAGYAN, L. P. / ABORIN,
YU. S. / BAZAZYANTS, N.
O. / ET AL | GENEVA-3, 06, 152-
169 | 64-09-00 | EXPERIMENTAL STUDIES ON FAST-NEUTRON
REACTOR PHYSICS |
|-----|--|---------------------------|----------|---|

BEALL, S. E.

2058	BEALL, S. E. / BREAZEALE,
W. M. / BRIGGS, R. B. /
CALLIHAN, A. D. / JORDAN,
W. H. | CF-50-5-140 | 50-05-11 | INTERIM REPORT OF NEUTRON AND GAMMA
EXPERIMENTS ON THE MTR MOCK-UP |
|------|--|-------------|----------|---|

BECK, C. K.

241	BECK, C. K. / CALLIHAN,
A. D. / MURRAY, R. L.	A-4716	47-06-00	CRITICAL MASS STUDIES, PART 1
162	BECK, C. K. / CALLIHAN, A.
D. / MORFITT, J. W. /
MURRAY, R. L.	K-0343	49-04-19	CRITICAL MASS STUDIES, PART-3
294	BECK, C. K. / CALLIHAN, A.
D. / MURRAY, R. L.	K-0126	64-00-00	CRITICAL MASS STUDIES, PART-2

BECK, C. L.

1942	MC FARLANE, H. F. / BECK,
C. L. | ANL-76-112 | 76-12-00 | HIGH- PLUTONIUM-240 SECTOR EXPERIMENTS IN
ZPPR ASSEMBLY 4 |
|------|------------------------------------|------------|----------|--|

BECKER, R. A.

1932	NOBLE, L. D. / MITZEL, F.
/ SARMA, B. / WINTZER,
D. / LU, Y. S. / KESSLER,
G. / PFLASTERER, G. R.
/ BECKER, R. A. / MANSUR,
L. | GEAP-13588 | 70-03-00 | RESULTS OF SEFOR ZERO POWER EXPERIMENTS. |
|------|---|------------|----------|--|

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BEIDELMAN, J. A.

465	ARMSTRONG, J. W. / BEIDELMAN, J. A. / KAUFMANN, S. G. / PLUMLEE, K. E.	TANSAO, 01, 1, 098- 099	58-06-00	EXPERIMENTS WITH THORIA-URANIA-DEUTERIUM OXIDE WATER CRITICALS
-----	---	----------------------------	----------	---

BELL, C. L.

182	SCHUSKE, C. L. / SMITH, D. F. / BELL, C. L.	RFP-0213	61-01-10	PLEXIGLAS-REFLECTED ASSEMBLIES OF PLUTONIUM
109	SCHUSKE, C. L. / BELL, C. L. / BINDER, G. H. / SMITH, D. F.	RFP-0248	62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM

BELLER, L. S.

2042	ZWETZIG, G. B. / BELLER, L. S. / FIELD, H. C. / MOUNTFORD, L. A. / TUTTLE, R. J.	TANSAO, 02, 2, 085- 086	59-11-00	INITIAL EXPERIMENTS WITH THE ORGANIC- MODERATED REACTOR CRITICAL ASSEMBLY
------	---	----------------------------	----------	--

BENDT, P. J.

140	ALLRED, J. C. / BENDT, P. J. / PETERSON, R. E.	NSENAO, 04, 498-500	58-09-00	CRITICAL MEASUREMENTS ON URANIUM TRIOXIDE IN PHOSPHORIC ACID SOLUTIONS (UO ₃ -H ₃ PO ₄)
-----	---	---------------------	----------	--

BENGSTON, J.

56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS
----	--	-----------	----------	--

BENJAMIN, P. W.

946	WEALE, J. W. / BENJAMIN, P. W. / PATERSON, W. J.	ANL-7320, 501-505	66-10-10	A COMPARISON OF MEASURED AND CALCULATED ENERGY SPECTRA IN TWO VERA CORES
-----	---	-------------------	----------	---

BENNETT, E. F.

942	BENNETT, E. F. / GOLD, R. / HUBER, R. J.	ANL-7320, 477-480	66-10-10	SPECTRUM MEASUREMENTS IN A LARGE DILUTE PLUTONIUM FUELED FAST REACTOR
544	BENNETT, E. F.	NSENAO, 27, 028-033	67-01-00	NEUTRON SPECTRUM MEASUREMENT IN A FAST CRITICAL ASSEMBLY

BENNETT, R. A.

2060	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 089-094	57-11-12	THE NUCLEAR PARAMETERS OF SOME LARGE PROCESS TUBE LATTICES FROM PCTR MEASUREMENTS
2081	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 085-088	57-11-12	THE NUCLEAR PARAMETERS OF SOME GRAPHITE, NATURAL URANIUM LATTICES MEASURED IN THE PCTR
2080	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	BNL-0489, 069-084	57-11-12	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BENNETT, R. A. (CONTD.)

346	DONAHUE, D. J. / LANNING,
D. D. / BENNETT, R. A.
/ HEINEMAN, R. E.	NSENAO, 04, 297-321	58-09-00	DETERMINATION OF K(INF) FROM CRITICAL
EXPERIMENTS WITH THE PCTR
969	BENNETT, R. A. / HOFMANN,
P. L. / LITTLE, W. W. /
MAAS, L. L.	ANL-7320, 785-793	66-10-10	FAST TEST REACTOR: CRITICAL EXPERIMENTS
PROGRAM
444	BENNETT, R. A. / HOFMANN,
P. L.	BNWL-0490	67-06-20	RATIONALE AND PLANS FOR THE FTR CRITICAL
EXPERIMENTS PROGRAM
1319	YOUNG, W. R. / BENNETT, R.
A.	TANSAO, 12, 183-184	69-06-00	FTR CRITICAL EXPERIMENTS ANALYSIS
1897	YOUNG, W. R. / BENNETT, R.
A.	BNWL-1138	70-01-00	ANALYSIS OF FTR PHASE B CRITICAL
EXPERIMENTS. PART-1. ZPR-3 ASSEMBLY 51.
874	YOUNG, W. R. / BENNETT, R.
A.	BNWL-1139	70-02-00	ANALYSIS OF FTR PHASE B CRITICAL
EXPERIMENTS, PART 2. ZPR-3 ASSEMBLIES 52A,
B, C, D, E, AND F
1921	BENNETT, R. A. / ENGSTROM,
S. L. / NELSON, J. V. /
YOUNG, W. R.	TANSAO, 13, 291	70-06-00	STATISTICALLY SIGNIFICANT BIASES IN THE FTR
NEUTRONICS MODEL.
1816	ENGSTROM, S. L. / BENNETT,
R. A.	HEDL-TME-71-41	71-05-00	ANALYSIS OF FTR PHASE B CRITICAL
EXPERIMENTS. PART 4. ZPR-3 ASSEMBLY 56B.

BENOIST, P.

591	BENOIST, P. / DENIZ, V. /
GOURDON, CH. / JOSHI, B.
V. / MARTELLY, J. / SAGOT,
M. / SAHAI, K. / WANNER, G. | GENEVA-2, 12, 585-
606 | 58-09-00 | CRITICAL AND SUBCRITICAL EXPERIMENTS ON
URANIUM-BERYLLIUM OXIDE LATTICES |
|-----|--|---------------------------|----------|---|

BENSON, G. M.

58	BENSON, G. M. / FOX, R. H.	UCRL-6901	62-06-30	ROOM TEMPERATURE CRITICAL MEASUREMENTS ON
THORIUM-LOADED, GRAPHITE-MODERATED, ORALLOY-
FUELED SYSTEMS |
|----|----------------------------|-----------|----------|---|

BENTON, F. D.

2048	BENTON, F. D. / GRAVES,
W. E.	TANSAO, 06, 053-054	63-06-00	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS
IN HEAVY-WATER-MODERATED, ORGANIC- OR WATER-
COOLED LATTICES OF URANIUM DIOXIDE ROD
CLUSTERS
716	BENTON, F. D.	DP-873	64-06-00	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS
IN HEAVY WATER MODERATED, ORGANIC OR WATER
COOLED LATTICES OF URANIUM DIOXIDE ROD
CLUSTERS
571	GRAVES, W. E. / BENTON, F.
D. / SATTERFIELD, R. M.	NSENAO, 31, 057-066	68-01-00	A COMPARISON OF HETEROGENEOUS NUCLEAR-
REACTOR LATTICE THEORY WITH EXPERIMENT

BENZI, V.

1273	BENZI, V. / CUPINI, E. /
DE MATTEIS, A.	JAABA, 20, 017-024	65-06-10	A MONTE CARLO ANALYSIS OF SOME ENRICHED
URANIUM-235 FAST CRITICAL ASSEMBLIES
927	BENZI, V. / CUPINI, E. /
DE MATTEIS, A.	ANL-7320, 278-298	66-10-10	MONTE CARLO ANALYSIS OF SMALL FAST CRITICAL
ASSEMBLIES

**III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BERBERET, J. A.

882	NEELEY, V. I. / BERBERET, J. A.	HW-60220, 52-54	59-04-20	MEASUREMENTS OF K(INF) FOR 3 PERCENT ENRICHED URANIUM FLUORIDE-HYDROGEN MODERATED SYSTEMS
175	NEELEY, V. I. / BERBERET, J. A. / MASTERSON, R. H.	HW-66882	61-09-00	K(INF) OF THREE WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TRIOXIDE AND URANYL NITRATE HYDROGENOUS SYSTEMS

BERG, S. S.

472	DAVISON, P. W. / BERG, S. S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAE-094	59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER
1479	ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A.	TANSAO, 06, 223-225	63-11-00	RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES

BERGMANN, W. H.

472	DAVISON, P. W. / BERG, S. S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAE-094	59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER

BERLIJN, J. H.

998	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORLTON, D. R.	LA-3529	69-10-27	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES

BERNARD, W.

64	BARTON, D. M. / BERNARD, W. / HANSEN, G. E.	LAMS-2489	61-04-12	CRITICAL MASSES OF COMPOSITES OF ORALLOY AND PLUTONIUM-239-PLUTONIUM-240 IN FLATTOP GEOMETRY
1720	BERNARD, W. / HELMICK, H. H. / JARVIS, G. A. / PLASSMANN, E. A. / WHITE, R. H.	LA-5971-MS	75-05-00	RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY

BERTRAND, J.

291	BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.	GENEVA-2, 12, 539-562	58-09-00	PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM
376	BERTRAND, J. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / VERRIERE, P.	CEA-2309	63-00-00	PROSERPINE - CRITICAL MASSSES AND STANDARDS

BEST, G. H.

1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124-136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

BEVAN, G.

624	BEVAN, G. / MUMMERY, P.
W. / SALMON, A. J. /
THOMPSON, M. W. | AERE-R/R-2602 | 54-11-00 | EXPONENTIAL EXPERIMENTS FOR PIPPA MK. 1
(DECLASSIFIED VERSION OF AERE-RP/R-1545) |
|-----|--|---------------|----------|---|

BEYER, F. C.

1954	BEYER, F. C. / BRYAN, R.
H. / HUMMEL, H. H. /
LENNOX, D. H. / MARTENS,
F. H. / REARDON, W. A. /
ROSENZWEIG, N. / SMITH,
A. B. / SPINRAD, B. I. | GENEVA-1, 05, 342-
346 | 55-08-00 | THE FAST EXPONENTIAL EXPERIMENTS |
|------|---|---------------------------|----------|----------------------------------|

BICKEL, W.

965	ENGELMANN, P. / BICKEL, W.
/ DAUNERT, U. / HABERMANN,
F. W. A. / VAN VELZE, P.
L. / WALZE, H. / WITTEK, G. | ANL-7320, 725-733 | 66-10-10 | CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF
THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK |
|-----|---|-------------------|----------|---|

BIDINGER, G. H.

181	SCHUSKE, C. L. / GOODWIN,
A. / BIDINGER, G. H. /
SMITH, D. F.	RFP-0174	59-12-28	INTERACTION OF TWO METAL SLABS OF PLUTONIUM
IN PLEXIGLASS
170	SCHUSKE, C. L. /
BIDINGER, G. H. /
GOODWIN, A. / SMITH, D.
F.	RFP-0178	60-01-20	PLUTONIUM PLEXIGLAS ASSEMBLIES
1987	GOODWIN, A. / SCHUSKE, C.
L. / BIDINGER, G. H.	RFP-0182	60-01-26	CRITICALITY STUDIES OF ENRICHED URANIUM
METAL IN URANYL NITRATE SOLUTIONS
194	BIDINGER, G. H. / SCHUSKE,
C. L. / SMITH, D. F.	RFP-0201	60-07-07	NUCLEAR SAFETY EXPERIMENTS ON PLUTONIUM AND
ENRICHED URANIUM HYDROGEN MODERATED
ASSEMBLIES CONTAINING BORON
171	BIDINGER, G. H. / SCHUSKE,
C. L. / SMITH, D. F.	RFP-0190	60-07-27	PLUTONIUM PLEXIGLAS ASSEMBLIES PART-2
195	SCHUSKE, C. L. / BIDINGER,
G. H.	RFP-0246	61-08-00	NUCLEAR SAFETY MEASUREMENTS ON SYSTEMS
CONTAINING BORON AND ENRICHED URANIUM
109	SCHUSKE, C. L. / BELL, C.
L. / BIDINGER, G. H. /
SMITH, D. F.	RFP-0248	62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON
ENRICHED URANIUM AND PLUTONIUM

BIERMAN, S. R.

329	LLOYD, R. C. / CLAYTON,
E. D. / RICHEY, C. R. /
BIERMAN, S. R.	HW-77311, 40-47	63-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE
SOLUTIONS
358	LLOYD, R. C. / CLAYTON, E.
D. / RICHEY, C. R. /
BIERMAN, S. R.	HW-77311	63-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE
SOLUTIONS
367	RICHEY, C. R. / WHITE, J.
D. / CLAYTON, E. D. /
BIERMAN, S. R. / GARLID,
K. L. / SKEEN, D. R.	HW-79054	63-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-
POLYSTYRENE COMPACTS
750	BROWN, C. L. / LLOYD, R.
C. / BIERMAN, S. R. /
CLAYTON, E. D.	BNWL-0052	65-03-00	EXPONENTIAL EXPERIMENTS AND NEUTRON
MULTIPLICATION MEASUREMENTS WITH 1.25
PERCENT ENRICHED N-REACTOR FUEL ELEMENTS IN
LIGHT WATER

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BIERMAN, S. R. (CONTD.)				
779	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	IAEA-STOCK.-1965, 215-233	65-11-00	CRITICALITY RESEARCH ON PLUTONIUM
283	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	BNWL-SA-0232	66-00-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
1258	HESS, G. M. / BIERMAN, S. R.	BNWL-0340, 49-50	66-10-15	PULSED NEUTRON SOURCE MEASUREMENTS - PLUTONIUM NITRATE SOLUTIONS
1281	BIERMAN, S. R. / HANSEN, L. E. / WOODRUFF, G. L. / LLOYD, R. C. / HESS, G. M.	BNWL-0340, 46-49	66-10-15	NEUTRON SPECTRA EXPERIMENTS
905	BIERMAN, S. R. / HESS, G. M.	TANSAO, 10, 539-540	67-11-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT FOR URANYL NITRATE HYDROGENOUS SYSTEMS
580	BIERMAN, S. R. / HESS, G. M.	NSENAO, 32, 135-139	68-04-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS, HYDROGENOUS URANYL NITRATE SYSTEMS
42	BIERMAN, S. R. / HESS, G. M.	ORNL-CDC-05	68-06-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF HOMOGENEOUS HYDROGENOUS URANYL NITRATE
2019	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 11, 380-381	68-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE - POLYSTYRENE AT 5 HYDROGEN:PLUTONIUM
1276	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	NUAPA, 06, 023-026	69-01-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE-POLYSTYRENE AT 5 HYDROGEN/PLUTONIUM
1260	HANSEN, L. E. / CLAYTON, E. D. / LLOYD, R. C. / BIERMAN, S. R. / JOHNSON, R. D.	NUAPA, 06, 371-380	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS
1883	ROGERS, C. A. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-1258	69-11-00	REFLECTOR SAVINGS FOR URANYL NITRATE OF LOW ENRICHMENT.
1772	CHOW, R. H. / BIERMAN, S. R.	TANSAO, 12, 889-890	69-11-00	PULSED-NEUTRON DETERMINATION OF K(EFF) AND TAU IN LOW-ENRICHMENT URANYL NITRATE.
1757	HANSEN, L. E. / BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 12, 869-870	69-11-00	CRITICALITY OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE AQUEOUS MIXTURES
1915	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 13, 379-380	70-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM OXIDE.
1442	CHOW, R. H. / BIERMAN, S. R.	NSENAO, 41, 132-138	70-07-00	PULSED NEUTRON DETERMINATION OF THE EFFECTIVE MULTIPLYING CONSTANT AND NEUTRON AGE TO THERMAL ENERGY FOR A BARE HOMOGENEOUS SUBCRITICAL ASSEMBLY OF ENRICHED URANYL NITRATE SALT
1626	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 14, 040-041	71-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 15 AND 30 WT% PLUTONIUM.
1618	BIERMAN, S. R. / CLAYTON, E. D.	NUTYBB, 11, 185-190	71-06-00	CRITICAL EXPERIMENTS WITH UNMODERATED PLUTONIUM OXIDE.
1663	CLAYTON, E. D. / BIERMAN, S. R.	ACT. LAN. REV., 1, 409-432	71-09-00	CRITICALITY PROBLEMS OF ACTINIDE ELEMENTS.

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BIERMAN, S. R. (CONTD.)

2030	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 307-309	72-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 8 AND 30 WT% PLUTONIUM
1671	LLOYD, R. C. / CLAYTON, E. D. / BIERMAN, S. R.	TANSAO, 15, 803-804	72-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS.
1673	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 805-806	72-11-00	CRITICALITY EXPERIMENTS OF LWR MIXED OXIDES AT 20 HYDROGEN:PLUTONIUM+URANIUM.
1676	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 50, 127-134	73-02-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING BORATED RASCHIG RINGS.
1677	BIERMAN, S. R. / CLAYTON, E. D. / HANSEN, L. E.	NSENAO, 50, 115-126	73-02-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM.
1683	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E. / BIERMAN, S. R.	NUTYBB, 18, 225-230	73-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY.
1521	BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 265	73-11-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1705	BIERMAN, S. R. / CLAYTON, E. D.	BNWL-B-338	74-01-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1540	HALL, R. J. / BIERMAN, S. R.	TANSAO, 18, 164-165	74-06-00	CALCULATION-EXPERIMENT CORRELATIONS ON HOMOGENEOUS PLUTONIUM-URANIUM SYSTEMS
1538	BIERMAN, S. R.	TANSAO, 18, 160-161	74-06-00	STATUS OF CRITICALITY DATA AND EXPERIMENTS ON HOMOGENEOUS SYSTEMS OF PLUTONIUM-URANIUM
1547	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 058-066	74-09-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER--CADMIUM PLATES
1548	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 051-057	74-09-00	CRITICALITY OF PLUTONIUM-URANIUM MIXTURES CONTAINING 5 TO 8 WT% PLUTONIUM
1569	BIERMAN, S. R.	NUTYBB, 26, 352-381	75-07-00	CRITICAL EXPERIMENTS-BENCHMARKS (PLUTONIUM-URANIUM SYSTEMS)
1613	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 23, 235-237	76-06-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8 AND 15 WT% PLUTONIUM
1503	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	BNWL-2129	76-10-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTH OF MATERIALS COMMONLY ENCOUNTERED AS FIXED NEUTRON POISONS
1940	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	TANSAO, 24, 123-125	76-11-00	CRITICALITY STUDIES OF A NEUTRON MULTIPLIER
1453	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 61, 370-376	76-11-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM
1517	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	TANSAO, 24, 209-210	76-11-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTHS OF MATERIALS COMMONLY ENCOUNTERED AS FIXED-NEUTRON POISONS
2094	BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	PNL-2438	77-10-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BIERMAN, S. R. (CONTD.)

1456	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 422-424	77-11-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
1457	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 424-425	77-11-00	BENCHMARK CALCULATIONS FOR SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
2109	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	PNL-2700	78-03-00	HANDBOOK OF CRITICAL EXPERIMENTS BENCHMARKS
2112	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	NUREG/CR-0073	78-05-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 4.29 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
2110	JENQUIN, U. P. / BIERMAN, S. R.	PNL-2273	78-06-00	BENCHMARK EXPERIMENTS TO TEST PLUTONIUM AND STAINLESS STEEL CROSS SECTIONS

BIGHAM, C. B.

633	GREEN, R. E. / BIGHAM, C. B.	AECL-1814	63-09-00	URANIUM DIOXIDE LATTICE - PARAMETER MEASUREMENTS IN ZED2
845	GREEN, R. E. / SERDULA, K. J. / BIGHAM, C. B.	TANSAO, 08, 253-254	65-06-00	EXPERIMENTAL LATTICE PARAMETERS FOR 28-ROD CLUSTERS OF NATURAL URANIUM DIOXIDE IN HEAVY WATER

BIGIL, J. C.

1909	CARMICHAEL, B. M. / BIGIL, J. C. / MEEM, J. L.	LA-4218	69-08-00	CALCULATION AND INTERPRETATION OF THE UHTREX CRITICAL EXPERIMENTS.

BINGMAN, B. M.

1648	ZOLOTAR, B. A. / SALVADORES, M. / BINGMAN, B. M. / LEWIS, E. E.	TANSAO, 14, 848-849	71-10-00	COMPARATIVE STUDY OF HETEROGENEITY TREATMENTS FOR ZRP PLATE CELLS.

BISTLINE, J. A.

2002	MILEY, C. H. / GILLESPIE, R. D. / POLLARD, J. W. / BISTLINE, J. A.	TANSAO, 04, 299-300	61-11-00	DESCRIPTION AND ANALYSIS OF SOME "OVER-MODERATED" CRITICAL EXPERIMENTS FROM 68-550 DEGREES FARENHEIT
1995	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	IAEA-AMST.-1963, 2, 391-445	63-09-00	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS

BITELLI, G.

558	BITELLI, G. / MARTINELLI, R. / ORESTANO, F. V. / SANTANDREA, E.	NENAO, 28, 270-276	67-05-00	ANALYSIS OF CRITICAL EXPERIMENTS WITH ORGANIC-MODERATED ASSEMBLIES

BJOREUS, L.

918	ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J.	ANL-7320, 159-185	66-10-10	EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

BLAINE, R.

491	BLAINE, R. / FROELICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	ANL-7416	68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY

BLOCK, E. Z.

871	BLOCK, E. Z.	HW-43441, 37	56-05-31	CLUSTER ROD LATTICES WITH NATURAL URANIUM
872	BLOCK, E. Z. / CLAYTON, E. D.	HW-47012, 12-19	56-11-00	BUCKLING MEASUREMENTS WITH ENRICHED FUEL ELEMENTS IN LIGHT WATER
812	BLOCK, E. Z.	HW-48893	57-03-06	ENRICHED URANIUM - WATER LATTICES
1087	CLAYTON, E. D. / BLOCK, E. Z.	HW-51983	57-08-00	BUCKLING MEASUREMENTS WITH ENRICHED HOLLOW FUEL ELEMENTS IN LIGHT WATER PHYSICS RESEARCH QUARTERLY REPORT

BLOKHIN, G. E.

336	BLOKHIN, G. E. / BLOKHINTSEV, D. I. / BLYUMKINA, YU. A. / BONDARENKO, I. I. / DERYAGIN, B. I. / ZAIMOVSKII, A. S. / ET AL	ATOMK., 10, 437	61-00-00	A FAST NEUTRON BURST REACTOR

BLOKHINTSEV, D. I.

336	BLOKHIN, G. E. / BLOKHINTSEV, D. I. / BLYUMKINA, YU. A. / BONDARENKO, I. I. / DERYAGIN, B. I. / ZAIMOVSKII, A. S. / ET AL	ATOMK., 10, 437	61-00-00	A FAST NEUTRON BURST REACTOR

BLOMSJO, E.

1952	PERSSON, R. / BUSTRAAN, M. / BLOMSJO, E.	GENEVA-1, 05, 239-241	55-08-00	SOME EXPERIENCES ON AN EXPONENTIAL PILE OF URANIUM AND HEAVY WATER
1948	PERSSON, R. / BLOMSJO, E. / ANDERSEN, E. / ASPELUND, O. / DODERLEIN, J.	GENEVA-2, 12, 364-373	58-09-00	EXPONENTIAL EXPERIMENTS ON HEAVY WATER NATURAL URANIUM METAL AND OXIDE LATTICES

BLOSER, M.

1550	BLOSER, M. / KIRCH, N. / KRINGS, F. J. / NASEBAND, F. J. / PAUL, N.	NSNAO, 55, 129-146	74-10-00	MEASUREMENTS AT THE CRITICAL FACILITY FOR THE IN-CORE THERMIONIC REACTOR AND COMPARISON WITH CALCULATIONS

BLY, F. T.

2069	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I.	NEPA-1769	51-04-51	NEPA CRITICAL EXPERIMENT FACILITY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

BLYUMKINA, YU. A.

- 336 BLOKHIN, G. E. /
BLOKHINTSEV, D. I. /
BLYUMKINA, YU. A. /
BONDARENKO, I. I. /
DERYAGIN, B. I. /
ZAIMOVSKII, A. S. / ET AL
ATOMK., 10, 437 61-00-00 A FAST NEUTRON BURST REACTOR

BOEHNEL, K.

- 1805 BOEHNEL, K. / MEISTER, H. EURFNR-0861 70-06-00 FAST REACTOR LATTICE EXPERIMENT FOR INVESTIGATION OF $K(\infty)$ AND REACTION RATE RATIOS IN SNEAK, ASSEMBLY 5.

BOHL, L. S.

- 56 BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P. UCRL-5159 58-03-25 PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS

BOHME, E. R.

- 833 RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L. ANL-7010, 091-110 65-01-00 INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)

BOHME, R.

- 967 ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D. ANL-7320, 759-775 66-10-10 INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK

BOHN, E. M.

- 1628 LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATORES, M. TANSAO, 14, 017-018 71-06-00 INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.
- 1629 LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATORES, M. / STANFORD, G. S. TANSAO, 14, 018-019 71-06-00 LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.

BOLSHAKOV, V. A.

- 1752 YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A. PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38 68-00-00 THE LADA PHYSICS TEST STAND

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BONALUMI, R.

1876	BONALUMI, R. / ZORZOLI, G. B.	CISE-R-101	64-09-00	URANIUM METAL-HEAVY WATER LATTICES- A GENERAL SURVEY. TOPICAL REPORT NO. 3.
------	----------------------------------	------------	----------	--

BONDARENKO, I. I.

336	BLOKHIN, G. E. / BLOKHINTSEV, D. I. / BLYUMKINA, YU. A. / BONDARENKO, I. I. / DERYAGIN, B. I. / ZAIMOVSKII, A. S. / ET AL	ATOMK., 10, 437	61-00-00	A FAST NEUTRON BURST REACTOR
588	BONDARENKO, I. I. / KAZACHKOVSKII, O. D. / ABAGYAN, L. P. / ABORIN, YU. S. / BAZAZYANTS, N. O. / ET AL	GENEVA-3, 06, 152- 169	64-09-00	EXPERIMENTAL STUDIES ON FAST-NEUTRON REACTOR PHYSICS

BONNAURE, P.

291	BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.	GENEVA-2, 12, 539- 562	58-09-00	PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM
-----	--	---------------------------	----------	---

BORGWALDT, H.

1180	BORGWALDT, H. / EDELMANN, M. / HABERMANN, F. W. A. / KUBMAUL, G. / MEISTER, H. / SEIFRITZ, W. / STEGEMANN, D.	KFK-899	68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION
------	---	---------	----------	---

BOSS, M. R.

1762	HUNT, D. C. / BOSS, M. R.	TANSAO, 12, 872-873	69-11-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.
1642	HUNT, D. C. / BOSS, M. R.	JAABA, 25, 241-251	71-06-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.

BOST, WILLIAM E.

1427	BOST, WILLIAM E.	TID-03571	62-04-00	FAST NEUTRON PULSE REACTORS AND FAST NEUTRON CRITICAL ASSEMBLIES (A LITERATURE SEARCH)
------	------------------	-----------	----------	--

BOULY, J. C.

65	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3367	67-12-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS SOLUTIONS OF PLUTONIUM - EXPERIMENTAL RESULTS - THEORETICAL INTERPRETATIONS
1898	BARBRY, F. / BOULY, J. C. / / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3931	69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSION- MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.
1461	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / MAUBERT, L.	CEA-R-3946	70-03-00	NEUTRON INTERACTION IN AIR BETWEEN CYLINDRICAL CONTAINERS HOLDING EITHER URANIUM OR PLUTONIUM SOLUTIONS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BOUREGEOIS, P.

391	BOUREGEOIS, P. / CLAIR, C. / COMTE, C. / LONG, J. J.	IAEA-VIENNA-1961, 313-319	61-08-00	DESCRIPTION OF RACHEL CRITICAL ASSEMBLY
-----	---	------------------------------	----------	---

BOYER, J. P.

1249	HESS, A. L. / KEENEY, W. P. / CAUMETTE, P. / BOYER, J. P.	ANL-7044	66-03-00	CRITICAL STUDIES FOR THE FRENCH FAST REACTOR <RAPSODIE> (ZPR-3 ASSEMBLY 44)
------	---	----------	----------	--

BOYNTON, A. R.

843	BOYNTON, A. R.	TANSO, 08, 249	65-06-00	EXPERIMENTAL THERMAL DISADVANTAGE FACTORS IN SOME VERY UNDERMODERATED 3 PERCENT ENRICHED WATER - URANIUM OXIDE LATTICES
821	BOYNTON, A. R. / PLUMLEE, K. E. / REDMAN, W. C. / ROBINSON, W. R. / STANFORD, G. S.	ANL-7110, 082-084	65-12-00	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT
892	BOYNTON, A. R. / PENNINGTON, E. M.	TANSO, 09, 129	66-06-00	CRITICAL EXPERIMENTS AND CALCULATIONS IN SOME VERY UNDERMODERATED, SLIGHTLY ENRICHED, URANIUM OXIDE/WATER LATTICES

BRANCH, G.

1984	BRANCH, G. / JONES, H. / RUSH, J. H. / WEINBERG, A. M.	CP-2842	45-10-26	WATER LATTICE EXPERIMENTS
------	--	---------	----------	---------------------------

BREAZEALE, W. M.

2058	BEALL, S. E. / BREAZEALE, W. M. / BRIGGS, R. B. / CALLIHAN, A. D. / JORDAN, W. H.	CF-50-5-140	50-05-11	INTERIM REPORT OF NEUTRON AND GAMMA EXPERIMENTS ON THE MTR MOCK-UP
------	--	-------------	----------	---

BRETON, D.

281	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C. / CAIZERGUES, R. / MOREAU, J. / SOLLIER, G.	CEA-R-2653	64-00-00	CRITICALITY STUDIES
1463	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C.	GENEVA-3, 13, 234- 243	64-09-00	CRITICALITY STUDIES

BRIGGS, R. B.

2058	BEALL, S. E. / BREAZEALE, W. M. / BRIGGS, R. B. / CALLIHAN, A. D. / JORDAN, W. H.	CF-50-5-140	50-05-11	INTERIM REPORT OF NEUTRON AND GAMMA EXPERIMENTS ON THE MTR MOCK-UP
------	--	-------------	----------	---

BRITTLIFF, E.

761	BRITTLIFF, E. / DUERDEN, P.	AAEC/E145	65-11-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-233/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES
784	MC CULLOCH, D. B. / DUERDEN, P. / BRITTLIFF, E.	AAEC/E146	65-12-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235 FUELED SUBCRITICAL ASSEMBLIES MODERATED BY BERYLLIUM OXIDE/FERTILE MATERIAL MIXTURES

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

BRITTLIFF, E. (CONTD.)

719 DUERDEN, P. / MC CULLOCH, AAEC/E123
D. B. / BRITTLIFF, E.

66-07-19 BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS
IN URANIUM-235/BERYLLIUM-OXIDE SUBCRITICAL
ASSEMBLIES

BROEDERS, C. H. M.

1179 KUSTERS, H. / SCHMIDT, J. KFK-793
J. / BROEDERS, C. H. M. /
EISEMANN, E. / METZENROTH,
M. / SCHROETER, K. E. /
THIEM, D.

68-11-00 ANALYSIS OF FAST CRITICAL ASSEMBLIES AND
LARGE FAST POWER REACTORS WITH GROUP-
CONSTANT SETS RECENTLY EVALUATED AT
KARLSRUHE

1303 BROEDERS, C. H. M. KFK-939

69-01-00 THE INFLUENCE OF NUCLEAR DATA UNCERTAINTIES
ON PROPERTIES OF CRITICAL ASSEMBLIES

BROLLEY, J. E.

1450 SNELL, A. H. / BROLLEY, CF-0589
J. E. / LEVINGER, J. S.
/ WILKINSON, R.

43-04-17 STUDIES IN A FIVE TON METAL PILE

1451 BROLLEY, J. E. / BYERLEY, CF-1627
F. J. / FELD, B. T. /
OLDS, A. E. / SCHALETTAR,
R. / SLOTIN, S. L. /
STEWART, R. B.

44-04-01 NEUTRON MULTIPLICATION IN A MASS OF URANIUM
METAL

BROOMFIELD, A. M.

744 BROOMFIELD, A. M. / AEEW-R410
ABSALOM, R. M. / ARNOLD,
M. J. / BAKER, A. R. /
FURNEAUX, D. / INGRAM, G.
/ PATTENDEN, S. K. /
PATTERSON, C. R. /
STEVENSON, J. M.

65-00-00 THE SECOND CORE OF ZEBRA

763 ADAMSON, J. / ABSALOM, R. AEEW-R461
M. / ARNOLD, M. J. /
BAKER, A. R. /
BROOMFIELD, A. M. /
FURNEAUX, D. / INGRAM, G.
/ PATTENDEN, S. K. /
PATTERSON, C. R. /
STEVENSON, J. M.

65-10-00 THE THIRD CORE OF ZEBRA

790 WHEELER, R. C. / ABSALOM, AEEW-R481
R. M. / BAKER, A. R. /
BROOMFIELD, A. M. /
FURNEAUX, D. / INGRAM, G.
/ JOWITT, D. /
PATTENDEN, S. K. /
PATTERSON, C. R. / SMITH,
M. F. / STEVENSON, J. M.

66-05-00 ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL
CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

1487 BROOMFIELD, A. M. / ANL-7320, 205-215
AMUNDSON, P. I. / DAVEY,
W. G. / GASIDLO, J. M. /
HESS, A. L. / KEENEY, W.
P. / LONG, J. K.

66-10-10 ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE
PLUTONIUM-FUELED ASSEMBLY

BROWN, C. L.

750 BROWN, C. L. / LLOYD, R. BNWL-0052
C. / BIERMAN, S. R. /
CLAYTON, E. D.

65-03-00 EXPONENTIAL EXPERIMENTS AND NEUTRON
MULTIPLICATION MEASUREMENTS WITH 1.25
PERCENT ENRICHED N-REACTOR FUEL ELEMENTS IN
LIGHT WATER

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

BROWN, C. L. (CONTD.)

777	BROWN, C. L. / LLOYD, R. C.	BNWL-0193, 45-56	65-10-15	MEASUREMENTS OF MATERIAL BUCKLINGS FOR 1.002, 1.25 AND 1.95 PERCENT WEIGHT URANIUM-235 ENRICHED URANIUM TUBE LATTICES IN LIGHT WATER
839	BROWN, C. L. / LLOYD, R. C.	TANSAO, 08, 443-444	65-11-00	RECENT EXPONENTIAL AND CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM METAL TUBES IN LIGHT WATER
543	BROWN, C. L. / LLOYD, R. C.	NSENAO, 27, 010-015	67-01-00	MATERIAL BUCKLINGS FOR 1.002, 1.25, AND 1.95 WT% URANIUM-235- ENRICHED URANIUM TUBES IN LIGHT WATER
898	BROWN, C. L. / HANSEN, L. E. / TOFFER, H.	TANSAO, 10, 191-192	67-06-00	EXPERIMENTAL BUCKLING MEASUREMENTS WITH 2.1 PERCENT ENRICHED URANIUM TUBES IN LIGHT WATER
1143	BROWN, C. L. / HANSEN, L. E.	NSENAO, 35, 358-363	69-03-00	MATERIAL BUCKLING MEASUREMENTS WITH 2.1 WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TUBES IN LIGHT WATER
1732	BROWN, C. L. / ROGERS, C. A.	TANSAO, 13, 663-664	70-11-00	CRITICAL APPROACH AND EXPONENTIAL EXPERIMENTS WITH PROTOTYPE FFFF DRIVER FUEL PINS IN WATER.
1539	BROWN, C. L.	TANSAO, 18, 161-164	74-06-00	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM,URANIUM)DIOXIDE FUEL RODS
1701	BROWN, C. L.	BNWL-SA-4935	74-06-00	STATUS OF EXPERIMENTAL CRITICALITY DATA FOR (PLUTONIUM,URANIUM)DIOXIDE FUEL RODS

BROWN, J. R.

2059	BROWN, J. R. / NOORDHOFF, B. H. / PROFIO, A. E. / BATESON, W. O.	WAPD-117	54-11-00	REACTOR PROPERTIES OF WATER MODERATED SLIGHTLY ENRICHED URANIUM LATTICES
183	BROWN, J. R. / NOORDHOFF, B. H. / BATESON, W. O.	WAPD-128	55-05-00	CRITICAL EXPERIMENTS ON A HIGHLY ENRICHED HOMOGENEOUS REACTOR
2076	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER
1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446-482	58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).
1992	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	IAEA-AMST.-1963, 3, 035-061	63-09-00	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION

BROWN, P. S.

944	BROWN, P. S.	ANL-7320, 486-489	66-10-10	COMMENT ON SPECTRUM MEASUREMENTS IN A LARGE, DILUTE PLUTONIUM-FUELED FAST REACTOR
-----	--------------	-------------------	----------	---

BROWN, W. K.

63	DONALDSON, R. E. / BROWN, W. K.	UCRL-5255	58-06-09	CRITICAL-MASS DETERMINATIONS OF LEAD-REFLECTED SYSTEMS
----	---------------------------------	-----------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

BROWN, W. W.

2083	BROWN, W. W. / CAMPBELL, R. W. / GUDERJAHN, C. A. / LAUBENSTEIN, R. A.	BNL-0489, 217-223	57-11-12	PHYSICS EXPERIMENTS PERFORMED FOR AND ON SODIUM GRAPHITE REACTORS
1949	BROWN, W. W.	GENEVA-2, 12, 514-517	58-09-00	EXPONENTIAL EXPERIMENTS WITH ORGANIC MODERATED URANIUM LATTICES
2040	SKEEN, C. H. / BROWN, W. W.	TANSO, 02, 2, 080-084	59-11-00	A THORIUM-URANIUM EXPONENTIAL EXPERIMENT

BRUCKNER, C.

917	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK

BRUHN, G.

967	ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D.	ANL-7320, 759-775	66-10-10	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK

BRUNA, J. G.

201	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / LECLERC, J. / VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS
717	BRUNA, J. G. / BRUNET, J. P. / CLOUET D'ORVAL, C. / KREMSER, J.	CEA-R-2453	64-06-00	CRITICALITY EXPERIMENT ON A SOLUTION OF PLUTONIUM AND OF 90% ENRICHED URANIUM. EXPERIMENTAL RESULTS AND CALCULATIONS ON TANK NUMBER 2
285	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / TELLIER, H. / VERRIERE, P.	CEA-R-2814	65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-239, URANIUM-235, AND URANIUM-233.
781	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / VERRIERE, P.	IAEA-STOCK.-1965, 235-248	65-11-00	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS CARRIED OUT WITH PLUTONIUM-239, URANIUM-235 AND URANIUM-233

BRUNET, J. P.

714	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / MORET BAILLY, J. / VERRIERE, P.	CEA-R-2452	62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS
201	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / LECLERC, J. / VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

BRUNET, J. P. (CONTD.)

376	BERTRAND, J. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
KREMSER, J. / VERRIERE, P.	CEA-2309	63-00-00	PROSERPINE - CRITICAL MASSSES AND STANDARDS
717	BRUNA, J. G. / BRUNET, J.
P. / CLOUET D'ORVAL, C.
/ KREMSER, J.	CEA-R-2453	64-06-00	CRITICALITY EXPERIMENT ON A SOLUTION OF
PLUTONIUM AND OF 90% ENRICHED URANIUM.
EXPERIMENTAL RESULTS AND CALCULATIONS ON
TANK NUMBER 2
285	BRUNA, J. G. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
KREMSER, J. / TELLIER, H.
/ VERRIERE, P.	CEA-R-2814	65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH
HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-
239, URANIUM-235, AND URANIUM-233.
781	BRUNA, J. G. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
VERRIERE, P.	IAEA-STOCK.-1965,
235-248	65-11-00	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS
CARRIED OUT WITH PLUTONIUM-239, URANIUM-235
AND URANIUM-233

BRUNFELTER, B.

379	HELLSTRAND, E. /
ANDERSSON, T. L. /
BRUNFELTER, B. / KOCKUM,
J. / LONDEN, S. O. / TIREN,
L. I.	AE-207	65-12-00	EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2
OF THE FAST REACTOR FRO
788	ANDERSSON, T. L. /
BRUNFELTER, B. / CECCHI,
P. F. / HELLSTRAND, E. /
KOCKUM, J. / LONDEN, S.
O. / TIREN, L. I.	AE-233	66-06-00	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO

BRUNSON, G. S.

56	BENGSTON, J. / CAROTHERS,
J. E. / KLOVERSTROM, F. A.
/ KOMOTO, T. T. / PASSELL,
L. / SIMMONS, B. E. /
BOHL, L. S. / LUCKOW, W.
K. / CHURCHILL, S. W. /
BRUNSON, G. S. / KAUFMANN,
S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF
MULTIPLYING SYSTEMS
308	BRUNSON, G. S.	ANL-6681	63-00-00	A SURVEY OF PROMPT NEUTRON LIFETIMES IN
FAST CRITICAL SYSTEMS
80	MC VEAN, R. L. / AMUNDSON,
P. I. / BRUNSON, G. S. /
GASIDLO, J. M.	ANL-6713	63-04-00	CRITICAL STUDIES OF A SMALL URANIUM CARBIDE
FUELED REACTOR WITH A BERYLLIUM REFLECTOR
(ZPR-3 ASSEMBLY 40)

BRYAN, R. H.

1954	BEYER, F. C. / BRYAN, R.
H. / HUMMEL, H. H. /
LENNOX, D. H. / MARTENS,
F. H. / REARDON, W. A. /
ROSENZWEIG, N. / SMITH,
A. B. / SPINRAD, B. I. | GENEVA-1, 05, 342-
346 | 55-08-00 | THE FAST EXPONENTIAL EXPERIMENTS |
|------|---|---------------------------|----------|----------------------------------|

BUINITSKAYA, V. I.

865	ALEKSENKO, U. N. /
BUINITSKAYA, V. I. /
ZASLAVSKII, V. V. /
ZVONOV, N. V. / ET AL | AECL-2330, 218-232 | 64-00-00 | CRITICAL EXPERIMENTS WITH THE ORGANIC
COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS OIL |
|-----|--|--------------------|----------|--|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

BUKOWSKI, K.

1549 ADAMSKI, L. / BUKOWSKI, K. NUKLEONIKA, 19, 565-574 74-06-00 FAST-THERMAL CRITICAL ASSEMBLY P-ANNA-1

BUNCH, S. I.

1995 BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S. IAEA-AMST.-1963, 2, 391-445 63-09-00 COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS

BURKART, K.

917 BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H. ANL-7320, 137-158 66-10-10 EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK

BURKE, J.

1877 RYDIN, R. A. / BURKE, J. / FEINER, F. / SEEMANN, K. W. / STACEY, W. M. KAPL-P-3847 69-00-00 STATIC MEASUREMENTS PREPARATORY TO SPACE-TIME KINETICS EXPERIMENTS IN THE SHA.

BUSSELMAN, G. J.

774 BUSSELMAN, G. J. BNWL-0149, 27-32 65-07-15 PHYSICS ANALYSIS OF A URANIUM-ALUMINUM POLYETHYLENE SYSTEM
1176 BUSSELMAN, G. J. BNWL-0149, 33-35 65-07-15 PRELIMINARY ANALYSIS OF SOME PLUTONIUM-ALUMINUM POLYETHYLENE EXPERIMENTS IN THE PCTR
841 ALBERTSON, D. G. / BUSSELMAN, G. J. TANSAO, 08, 448-449 65-11-00 ANALYSIS AND MEASUREMENT OF PLUTONIUM ALUMINUM-POLYTHENE SYSTEMS IN THE PCTR

BUSTRAAN, M.

1952 PERSSON, R. / BUSTRAAN, M. / BLOMSJO, E. GENEVA-1, 05, 239-241 55-08-00 SOME EXPERIENCES ON AN EXPONENTIAL PILE OF URANIUM AND HEAVY WATER
1994 COEHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F. IAEA-AMST.-1963, 2, 233-256 63-09-00 THE CRITICAL FACILITY KRITO

BUTLER, D. K.

1096 BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G. / LOEWENSTEIN, W. B. ANL-7285 66-00-00 PHYSICS OF FAST REACTORS WITH TUNGSTEN-URANIUM-235 FUEL SUMMARY AND DISCUSSION
919 BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G. ANL-7320, 186-194 66-10-10 MEASUREMENTS AND ANALYSIS OF ALUMINUM-, ALUMINUM TRIOXIDE-, AND BERYLLIUM OXIDE-, REFLECTED FAST CRITICAL EXPERIMENTS
120 DOERNER, R. C. / KNAPP, W. G. / KARAM, R. A. / BUTLER, D. K. ANL-7208 67-03-00 ZPR-9 ASSEMBLIES NO. 6-9 CRITICAL EXPERIMENTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

BYERLEY, F. J.

1451	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL
------	---	---------	----------	---

BYERS, C. C.

2054	BYERS, C. C.	AECU-3605	57-00-00	GRAPHITE-MODERATED, GRAPHITE-REFLECTED CRITICAL ASSEMBLIES
2063	BYERS, C. C.	BNL-0489, 291-296	57-11-12	GRAPHITE MODERATED, GRAPHITE REFLECTED CRITICAL ASSEMBLIES
136	ISKENDERIAN, H. / BYERS, C. C.	TANSAO, 01, 1, 149-150	58-06-00	PHYSICS CALCULATIONS ON FOUR LOS ALAMOS GRAPHITE MODERATED CRITICAL ASSEMBLIES
8	WOOD, D. P. / BYERS, C. C. / OSBORN, L. C.	NSENAO, 08, 578-587	60-12-00	CRITICAL MASSES OF CYLINDERS OF PLUTONIUM DILUTED WITH OTHER METALS
1721	PAXTON, H. C. / JARVIS, G. A. / BYERS, C. C.	LA-5963	75-07-00	REFLECTOR-MODERATED CRITICAL ASSEMBLIES
2086	BYERS, C. C. / KOELLING, J. J. / HANSEN, G. E. / SMITH, D. R. / DYER, H. R.	TANSAO, 27, 412-413	77-11-00	CRITICAL MEASUREMENTS OF A WATER-REFLECTED ENRICHED URANIUM SPHERE

C

CAIZERGUES, R.

714	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / MORET BAILLY, J. / VERRIERE, P.	CEA-R-2452	62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS
201	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / LECLERC, J. / VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS
376	BERTRAND, J. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / VERRIERE, P.	CEA-2309	63-00-00	PROSERPINE - CRITICAL MASSES AND STANDARDS
281	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C. / CAIZERGUES, R. / MOREAU, J. / SOLLIER, G.	CEA-R-2653	64-00-00	CRITICALITY STUDIES
285	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / TELLIER, H. / VERRIERE, P.	CEA-R-2814	65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-239, URANIUM-235, AND URANIUM-233.
282	CAIZERGUES, R. / FIEGEL, A. / ITHURRALDE, M. F.	IAEA-STOCK.-1965, 249-266	65-11-00	INTERPRETATION OF EXPERIMENTAL RESULTS OBTAINED AT THE VALDUC CRITICALITY STATION
781	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / VERRIERE, P.	IAEA-STOCK.-1965, 235-248	65-11-00	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS CARRIED OUT WITH PLUTONIUM-239, URANIUM-235 AND URANIUM-233

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

CAIZERGUES, R. (CONTD.)

65	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3367	67-12-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS SOLUTIONS OF PLUTONIUM - EXPERIMENTAL RESULTS - THEORETICAL INTERPRETATIONS
1898	BARBRY, F. / BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3931	69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSION MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.
1461	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / MAUBERT, L.	CEA-R-3946	70-03-00	NEUTRON INTERACTION IN AIR BETWEEN CYLINDRICAL CONTAINERS HOLDING EITHER URANIUM OR PLUTONIUM SOLUTIONS
1426	CAIZERGUES, R. / DEILGAT, E. / LECORCHE, P. / MAUBERT, L. / REVOL, H.	Y-CDC-9	71-05-00	CRITICALITY OF LIQUID MIXTURES OF HIGHLY URANIUM-235 ENRICHED HEXAFLUORIDE AND HYDROFLUORIC ACID
1839	CAIZERGUES, R.	CEA-R-4341	72-06-00	INTERPRETATION OF EXPERIMENTS ON AQUEOUS PLUTONIUM NITRATE SOLUTIONS.

CALLEN, R. C.

955	MUELLER, R. E. / NIMS, J. B. / CALLEN, R. C.	ANL-7320, 605-628	66-10-10	STATIC PHYSICS MEASUREMENTS IN THE FERMI REACTOR
-----	--	-------------------	----------	--

CALLIHAN, A. D.

241	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	A-4716	47-06-00	CRITICAL MASS STUDIES, PART 1
162	BECK, C. K. / CALLIHAN, A. D. / MORFITT, J. W. / MURRAY, R. L.	K-0343	49-04-19	CRITICAL MASS STUDIES, PART-3
79	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MACKLIN, R. L. / MORFITT, J. W.	K-0406	49-11-28	CRITICAL MASS STUDIES, PART-4
2058	BEALL, S. E. / BREAZEALE, W. M. / BRIGGS, R. B. / CALLIHAN, A. D. / JORDAN, W. H.	CF-50-5-140	50-05-11	INTERIM REPORT OF NEUTRON AND GAMMA EXPERIMENTS ON THE MTR MOCK-UP
71	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W.	K-0643	50-06-30	CRITICAL MASS STUDIES, PART-5
2045	CALLIHAN, A. D. / MC LENDON, J. D. / MORFITT, J. W.	K-0644	50-07-11	CRITICALITY TEST ON P-10 ALLOY SLUGS
235	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	Y-0801 (DEL.)	51-08-00	CRITICAL MASS STUDIES, PART-6
2079	CALLIHAN, A. D. / CRONIN, D. F.	Y-B23-22	52-11-05	RING TAMPING
2073	CALLIHAN, A. D. / SCOTT, D.	ORNL-1634	53-11-18	PRELIMINARY CRITICAL ASSEMBLY FOR THE MOLTEN FLUORIDE REACTOR EXPERIMENT
234	CRONIN, D. F. / CALLIHAN, A. D.	ORNL-1726	54-06-17	CRITICAL MASS STUDIES, PART 7 AQUEOUS URANIUM SLURRIES

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

CALLIHAN, A. D. (CONTD.)

363	THOMAS, J. T./ FOX, J. K. / CALLIHAN, A. D.	ORNL-1992	55-00-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235
325	CALLIHAN, A. D./ MORFITT, J. W./ THOMAS, J. T.	GENEVA-1, 05, 145- 155	55-08-00	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES
2044	CALLIHAN, A. D. / CRONIN, D. F.	ORNL-CF-55-10-97	55-10-21	CRITICAL EXPERIMENTS WITH URANIUM OF INTERMEDIATE URANIUM-235 CONTENT
289	CALLIHAN, A. D.	NUEGA 01	56-00-00	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES
1092	THOMAS, J. T./ FOX, J. K. / CALLIHAN, A. D.	NSENAO, 01, 020-032	56-03-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235
2071	CALLIHAN, A. D.	ORNL-2087	56-08-02	CRITICAL EXPERIMENTS AND NUCLEAR SAFETY AT OAK RIDGE NATIONAL LABORATORY
1977	WILLIAMS, D. V. P./ MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	ORNL-2128	56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT
49	FOX, J. K./ GILLEY, L. W. / CALLIHAN, A. D.	ORNL-2367	58-03-04	CRITICAL MASS STUDIES, PART-9: AQUEOUS URANIUM-235 SOLUTIONS (CONTINUED)
340	CALLIHAN, A. D.	ENEA-KARLS.-1961, 589-614	61-11-00	EXPERIMENTS FOR CRITICALITY CONTROL
294	BECK, C. K./ CALLIHAN, A. D. / MURRAY, R. L.	K-0126	64-00-00	CRITICAL MASS STUDIES, PART-2
50	PAXTON, H. C./ THOMAS, J. T./ CALLIHAN, A. D./ JOHNSON, E. B.	TID-07028	64-06-00	CRITICAL DIMENSIONS OF SYSTEMS CONTAINING URANIUM-235, PLUTONIUM-239, AND URANIUM-233

CAMPBELL, R. W.

2083	BROWN, W. W. / CAMPBELL, R. W. / GUDERJAHN, C. A. / LAUBENSTEIN, R. A.	BNL-0489, 217-223	57-11-12	PHYSICS EXPERIMENTS PERFORMED FOR AND ON SODIUM GRAPHITE REACTORS
1480	CAMPBELL, R. W. / GUZZLE, T. L. / PASCHALL, R. K.	TANSAO, 04, 047-048	61-06-00	EXPONENTIAL EXPERIMENTS IN URANIUM-DIPHENYL LATTICES
468	CAMPBELL, R. W./ DOYAS, R. J./ FIELD, H. C./ GUDERJAHN, C. A./ GUENTHER, R. L./ HAUSKNECT, D. F./ MAYER, M. S./ MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

CARMICHAEL, B. M.

1909	CARMICHAEL, B. M. / BIGIL, J. C. / MEEM, J. L.	LA-4218	69-08-00	CALCULATION AND INTERPRETATION OF THE UHTREX CRITICAL EXPERIMENTS.
------	--	---------	----------	---

CAROTHERS, J. E.

70	CAROTHERS, J. E.	UCRL-4880	57-04-11	CRITICAL MASS MEASUREMENTS ON GRAPHITE URANIUM-235 SYSTEMS
56	BENGSTON, J./ CAROTHERS, J. E./ KLOVERSTROM, F. A. / KOMOTO, T. T./ PASSELL, L./ SIMMONS, B. E./ BOHL, L. S./ LUCKOW, W. K./ CHURCHILL, S. W./ BRUNSON, G. S./ KAUFMANN,	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

CAROTHERS, J. E. (CONTD.)
S. G. / MC MAHON, J. P.

CARPENTER, S. G.

1490	MOREWITZ, H. A. /
CARPENTER, S. G. / EGGEN,
D. T. / MYHRE, C.	TANSAO, 04, 055-056	61-06-00	SPECIAL FEATURES OF THE ADVANCED EPITHERMAL
THORIUM REACTOR CRITICAL ASSEMBLY
402	MOREWITZ, H. A. /
CARPENTER, S. G.	IAEA-VIENNA-1961,
287-293	61-08-00	THE EPITHERMAL CRITICAL EXPERIMENTS
1003	THALGOTT, F. W. / LONG, J.
K. / DAVEY, W. G. / KATO,
W. Y. / CARPENTER, S. G. /
MOREWITZ, H. A. / BEST, G.
H.	GENEVA-3, 06, 124-
136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS

CARTER, C.

67	CARTER, C. / LANG, P. K.
H. / MYATT, G. | AERE-R/R-2731 | 59-07-00 | CRITICAL ASSEMBLIES WITH HEAVY WATER
SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) -
PART-3, THEORETICAL ANALYSIS |
|----|--|---------------|----------|---|

CARTER, D. H.

673	CARTER, D. H. / CLARKE,
W. G. / HUNT, C. /
MARSHALL, J. / MC
CULLOCH, D. B. / SANDERS,
J. E. / SYMONS, C. R. | AEW-R201 | 64-00-00 | MEASUREMENTS OF BUCKLING AND RELATIVE
REACTION RATES IN SOME PLUTONIUM-GRAPHITE
ASSEMBLIES |
|-----|--|----------|----------|--|

CARTER, L. L.

779	CLAYTON, E. D. / RICHEY,
C. R. / LLOYD, R. C. /
BIERMAN, S. R. / CARTER,
L. L.	IAEA-STOCK.-1965,
215-233	65-11-00	CRITICALITY RESEARCH ON PLUTONIUM
283	CLAYTON, E. D. / RICHEY,
C. R. / LLOYD, R. C. /
BIERMAN, S. R. / CARTER,
L. L.	BNWL-SA-0232	66-00-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS

CARTER, R. E.

139	CARTER, R. E. / HINTON, J.
C. / KING, L. D. P. /
SCHREIBER, R. E. | LA-0241 | 45-04-12 | WATER TAMPER MEASUREMENTS |
|-----|---|---------|----------|---------------------------|

CASINI, G.

890	GREEN, R. E. / KAY, R. E.
/ OKAZAKI, A. / CASINI,
G. / METZDORF, H. J. /
PAILLON, M.	TANSAO, 09, 123-124	66-06-00	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD
CLUSTERS OF NATURAL URANIUM CARBIDE IN
HEAVY WATER MODERATOR
1812	CASINI, G. / PAILLON, M.	EUR-4362	70-00-00	COMPARATIVE ANALYSIS OF CRITICAL AND
EXPONENTIAL EXPERIMENTS BY HETEROGENEOUS
METHODS.

CAUMETTE, P.

1249	HESS, A. L. / KEENEY, W.
P. / CAUMETTE, P. / BOYER,
J. P. | ANL-7044 | 66-03-00 | CRITICAL STUDIES FOR THE FRENCH FAST
REACTOR <RAPSODIE> (ZPR-3 ASSEMBLY 44) |
|------|---|----------|----------|--|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

CECCHI, P. F.

788	ANDERSSON, T. L. / BRUNFELTER, B. / CECCHI, P. F. / HELLSTRAND, E. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-233	66-06-00	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO
-----	--	--------	----------	---------------------------------------

CERBONE, R. J.

1995	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	IAEA-AMST.-1963, 2, 391-445	63-09-00	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS
1365	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OUTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

CERUTTI, B. C.

267	CERUTTI, B. C. / LICHTENBERGER, H. V. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	NSENAO, 01, 126-134	56-05-00	ZPR-3, ARGONNE'S FAST CRITICAL FACILITY
-----	---	---------------------	----------	---

CHABRILLAC, M.

723	NAUDET, R. / CHABRILLAC, M. / LEDANOIS, G. / LOURME, P.	CEA-R-2477	64-08-00	CRITICAL EXPERIMENTS IN AQUILON WITH FUELS SLIGHTLY ENRICHED IN URANIUM 235 OR IN PLUTONIUM
-----	---	------------	----------	---

CHALMERS, J. H.

490	CHALMERS, J. H. / WALKER, G. / PUGH, J.	AHSB(S) HANDBOOK-1	65-00-00	HANDBOOK OF CRITICALITY DATA, VOLUME I
40	CHALMERS, J. H. / ABBEY, F.	AHSB(S) HANDBOOK-5, PART-1	67-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA (PART-1, CHAPTERS 1 - 4)
16	CHALMERS, J. H.	AHSB(S) HANDBOOK-5, PART-2	68-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA.. (PART-2, CHAPTERS 5 AND 6),
258	CHALMERS, J. H.	AHSB(S) HANDBOOK-5, PART-3	68-00-00	HANDBOOK OF EXPERIMENTAL CRITICALITY DATA PART 3
1250	LLOYD, R. C. / CLAYTON, E. D. / CHALMERS, J. H.	NUAPA, 04, 136-141	68-03-00	CRITICALITY OF ARRAYS OF URANIUM-233 SOLUTION
1686	CHALMERS, J. H.	TANSAO, 16, 160-161	73-06-00	EXPERIMENTAL CRITICALITY IN THE UNITED KINGDOM.

CHANDRAMOLESHWAR, K.

1306	PHELPS, J. / WINDSOR, H. / CHANDRAMOLESHWAR, K.	BNL-RP-14 (F)	70-05-00	CEPFR-1-2 MEASUREMENTS AND ASSEMBLY DESCRIPTION
1307	WINDSOR, H. / PHELPS, J. / CHANDRAMOLESHWAR, K.	BNL-RP-13 (F)	70-05-00	CEPFR-1F MEASUREMENTS AND ASSEMBLY DESCRIPTION

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

CHANDRAMOLESHWAR, K. (CONTD.)

1965	PHELPS, J. / WINDSOR, H. / TAKAHASHI, H. / CONANT, J. / CHANDRAMOLESHWAR, K.	NSENDA, 49, 274-300	72-11-00	CRITICAL EXPERIMENTS FOR THE BROOKHAVEN PULSED FAST REACTOR STUDY
------	---	---------------------	----------	--

CHARBONNEAU, S.

1867	NGUYEN-NGOC, H. / CHARBONNEAU, S.	CEA-N-1276	70-10-00	CESAR AND CONCORDE. APPLICATION OF THE CONCORDE HEXAGONAL SYNTHESIS PROGRAM TO EXPERIMENTS ON THE CESAR CRITICAL REACTOR.
------	--------------------------------------	------------	----------	---

CHASTAIN, J. W.

1438	DINGEE, D. A. / BALLOE, W. C. / KLINGENSMITH, R. W. / EGEN, R. A. / JANKOWSKI, F. J. / CHASTAIN, J. W.	BMI-1288	58-09-10	GCRE CRITICAL-ASSEMBLY STUDIES
1437	RAY, J. W. / MATTHEWS, R. G. / HOGAN, W. S. / DINGEE, D. A. / CHASTAIN, J. W.	BMI-1501	61-02-21	ML-1-1B CRITICAL-ASSEMBLY STUDIES

CHERNICK, J.

2034	CHERNICK, J.	BNL-01578	53-04-06	ANALYSIS OF THE CLEAN BUCKLINGS OF 1.3 PERCENT ENRICHED URANIUM-WATER LATTICES
------	--------------	-----------	----------	---

CHEZEM, C. G.

382	CHEZEM, C. G.	NSENDA, 08, 652-669	60-12-00	A URANIUM-METAL EXPONENTIAL EXPERIMENT
581	CHEZEM, C. G. / STEINKE, R. G.	NSENDA, 31, 549-550	68-03-00	LOW-ENRICHMENT URANIUM-METAL EXPONENTIAL EXPERIMENTS
513	CHEZEM, C. G.	NSENDA, 33, 139	68-07-00	INVESTIGATION OF THE CRITICALITY OF LOW- ENRICHMENT URANIUM CYLINDERS

CHITWOOD, R. A.

2025	CHITWOOD, R. A.	TANSAO, 11, 387-389	68-06-00	THE APPLICATION OF THE HAMMER COMPUTER CODE TO EX-REACTOR CRITICALITY CALCULATIONS
------	-----------------	---------------------	----------	---

CHOW, R. H.

1772	CHOW, R. H. / BIERMAN, S. R.	TANSAO, 12, 889-890	69-11-00	PULSED-NEUTRON DETERMINATION OF K(EFF) AND TAU IN LOW-ENRICHMENT URANYL NITRATE.
1442	CHOW, R. H. / BIERMAN, S. R.	NSENDA, 41, 132-138	70-07-00	PULSED NEUTRON DETERMINATION OF THE EFFECTIVE MULTIPLYING CONSTANT AND NEUTRON AGE TO THERMAL ENERGY FOR A BARE HOMOGENEOUS SUBCRITICAL ASSEMBLY OF ENRICHED URANYL NITRATE SALT

CHRISTIE, E. R.

452	CHRISTIE, E. R. / MAR, B. W.	UCRL-6105	60-02-24	HAZARDS SUMMARY REPORT: THE KUKLA PROMPT CRITICAL ASSEMBLY
-----	---------------------------------	-----------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

CHURCHILL, S. W.

56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS

CHYENOV, L. A.

437	LYEPOONSKI, A. I. / KOENYETSOB, V. A. / ARTUKHOB, G. YA. / MOGILNYER, A. I. / PROKHOROV, U. A. / STEKLOVSKIE, V. M. / CHYENOV, L. A.	IAEA-VIENNA-1961, 327-343	61-08-00	EXPERIMENTAL STUDIES OF SOME OF THE PHYSICAL FEATURES OF BERYLLIUM-MODERATED INTERMEDIATE REACTORS.

CLAIR, C.

391	BOUREGEOIS, P. / CLAIR, C. / COMTE, C. / LONG, J. J.	IAEA-VIENNA-1961, 313-319	61-08-00	DESCRIPTION OF RACHEL CRITICAL ASSEMBLY
394	CLAIR, C.	IAEA-VIENNA-1961, 321-325	61-08-00	NEUTRON PROPERTIES OF RACHEL CRITICAL ASSEMBLY

CLARK, D. D.

1479	ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A.	TANSAO, 06, 223-225	63-11-00	RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES

CLARK, H. E.

15	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	RFP-1033	67-11-07	CRITICAL MASSES OF STEEL-MODERATED, ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS
1761	TUCK, G. / CLARK, H. E.	TANSAO, 12, 875-877	69-11-00	SLAB CYLINDER-ARRAY EXPERIMENTAL DATA.
1354	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	NSENAO, 39, 320-328	70-03-00	CRITICAL MASS IRREGULARITY OF STEEL-MODERATED ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS
1358	TUCK, G. / CLARK, H. E.	NSENAO, 40, 407-413	70-06-00	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB CYLINDER SYSTEM
1806	TUCK, G. / CLARK, H. E.	RFP-1314	70-12-16	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB--CYLINDER SYSTEM.
1682	TUCK, G. / CLARK, H. E. / ALVAREZ, D. L.	NUTYBB, 18, 216-224	73-06-00	ENRICHED URANIUM METAL-SOLUTION SYSTEMS SEPARATED BY NEUTRON POISONS.
1559	ROTHER, R. E. / ALVAREZ, D. L. / CLARK, H. E.	NUTYBB, 25, 502-516	75-03-00	THE CRITICALITY OF PERIODICALLY BORON-POISONED URANIUM SOLUTION SYSTEMS

CLARK, H. K.

1938	CLARK, H. K.	DP-059	54-11-00	ONE-GROUP ANALYSIS OF CRITICALITY EXPERIMENTS
694	CLARK, H. K.	DP-312	58-11-00	INTERACTION OF SUBCRITICAL COMPONENTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

CLARK, H. K. (CONTD.)

481	CLARK, H. K.	DP-868	64-01-00	COMPARISON OF A SIMPLE THEORETICAL TREATMENT OF CRITICAL ARRAYS OF FISSIONABLE UNITS WITH EXPERIMENT
1011	CLARK, H. K.	NSENAO, 20, 307-313	64-11-00	APPLICATION OF A SIMPLE, PRACTICAL METHOD FOR COMPUTING INTERACTION TO ARRAYS FOUND EXPERIMENTALLY TO BE CRITICAL
1259	CLARK, H. K.	TANSAO, 08, 200-201	65-06-00	EFFECT OF DISTRIBUTION OF FISSIONABLE MATERIAL ON CRITICAL MASS
2087	CLARK, H. K.	DR-1014	66-02-00	CRITICAL AND SAFE MASSES AND DIMENSIONS OF LATTICES OF URANIUM AND URANIUM DIOXIDE RODS IN WATER
1527	CLARK, H. K.	TANSAO, 17, 278-279	73-11-00	MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239

CLARK, R. H.

2007	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	TANSAO, 04, 305	61-11-00	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES
700	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES
628	ENGELDER, T. C. / CLARK, R. H. / BALDWIN, M. N. / DEROCHE, E. J. / FAIRBURN, G. T. / HALLAM, J. W.	BAW-1273	63-11-00	MEASUREMENTS AND ANALYSIS OF UNIFORM LATTICE OF SLIGHTLY ENRICHED URANIUM DIOXIDE MODERATED BY HEAVY WATER-WATER MIXTURES

CLARKE, W. G.

185	CLARKE, W. G. / HORTON, C. C. / SMITH, M. F.	AERE-R/R-2051	56-09-20	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTIONS.. PART 1: EXPERIMENTAL TECHNIQUES AND RESULTS
66	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	AERE-R/R-2703	58-11-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS
673	CARTER, D. H. / CLARKE, W. G. / HUNT, C. / MARSHALL, J. / MC CULLOCH, D. B. / SANDERS, J. E. / SYMONS, C. R.	AEEW-R201	64-00-00	MEASUREMENTS OF BUCKLING AND RELATIVE REACTION RATES IN SOME PLUTONIUM-GRAPHITE ASSEMBLIES

CLAYTON, E. D.

645	CLAYTON, E. D.	HW-40930	56-01-16	EXPONENTIAL PILE MEASUREMENTS IN WATER MODERATED LATTICES WITH ENRICHED URANIUM-WATER ROD LATTICES
810	CLAYTON, E. D. / LLOYD, R. C.	HW-43441, 33-36	56-05-31	ENRICHED URANIUM - GRAPHITE LATTICES
872	BLOCK, E. Z. / CLAYTON, E. D.	HW-47012, 12-19	56-11-00	BUCKLING MEASUREMENTS WITH ENRICHED FUEL ELEMENTS IN LIGHT WATER
1087	CLAYTON, E. D. / BLOCK, E. Z.	HW-51983	57-08-00	BUCKLING MEASUREMENTS WITH ENRICHED HOLLOW FUEL ELEMENTS IN LIGHT WATER PHYSICS RESEARCH-QUARTERLY REPORT

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

CLAYTON, E. D. (CONTD.)

2061	CLAYTON, E. D.	BNL-0489, 189-210	57-11-12	BUCKLING MEASUREMENTS WITH ENRICHED URANIUM IN GRAPHITE SYSTEMS
879	LLOYD, R. C. / CLAYTON, E. D. / HANDLER, H. E.	HW-56919	58-07-21	CRITICALITY PARAMETERS FOR LATTICES WITH 1.6 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER
239	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-59126	59-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS
881	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-60220, 47-51	59-04-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
2035	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	TANSAO, 01, 2, 062-063	59-06-00	NEUTRON MULTIPLICATION MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
1126	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-61181, 52-58	59-07-00	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
240	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-62727	59-10-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEM
187	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B. / NEELEY, V. I.	HW-63576, 65-69	60-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM AND WATER SYSTEMS
2012	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-64866, 137-142	60-04-20	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
2015	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-64866, 143-147	60-04-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 3.1% ENRICHED URANIUM RODS IN LIGHT WATER
236	NEELEY, V. I. / CLAYTON, E. D. / LLOYD, R. C.	TANSAO, 03, 292-293	60-06-00	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
188	LLOYD, R. C. / CLAYTON, E. D. / JONES, B. L.	HW-66215, 30-33	60-07-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 2.00 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER
192	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-70944	61-08-29	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY ROD IN LIGHT WATER
356	CLAYTON, E. D.	HW-71747	61-10-13	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
1440	CLAYTON, E. D.	ENEA-KARLS.-1961, 367-392	61-11-00	NUCLEAR SAFETY IN CHEMICAL AND METALLURGICAL PROCESSING OF PLUTONIUM
357	CLAYTON, E. D. / LLOYD, R. C. / REARDON, W. A.	TANSAO, 05, 075-076	62-00-00	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
362	LLOYD, R. C. / CLAYTON, E. D. / REARDON, W. A.	HW-73116	62-04-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
361	LLOYD, R. C. / CLAYTON, E. D.	HW-74190	62-07-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
360	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R.	HW-75228	62-10-25	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
329	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311, 40-47	63-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
366	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D.	HW-77871	63-00-00	SUBCRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
359	LLOYD, R. C. / CLAYTON, E. D.	HW-76128	63-01-15	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

CLAYTON, E. D. (CONTD.)

358	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311	63-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
367	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / BIERMAN, S. R. / GARLID, K. L. / SKEEN, D. R.	HW-79054	63-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
970	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-80020, 31-37	64-01-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
816	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-81659, 45-48	64-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
298	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 07, 081	64-06-00	HOMOGENEOUS CRITICAL EXPERIMENTS WITH PLUTONIUM/PLASTIC MIXTURES IN THE INTERMEDIATE ENERGY RANGE
827	LLOYD, R. C. / SKEEN, D. R. / CLAYTON, E. D.	HW-83187, 10-20	64-07-15	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SPHERICAL GEOMETRY
487	CLAYTON, E. D.	HW-83603	64-10-00	PROGRESS IN PLUTONIUM CRITICAL MASS PHYSICS, 1961-1964
390	RICHEY, C. R. / LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 21, 217-226	65-02-00	CRITICALITY OF SLIGHTLY ENRICHED URANIUM IN WATER-MODERATED LATTICES
750	BROWN, C. L. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-0052	65-03-00	EXPONENTIAL EXPERIMENTS AND NEUTRON MULTIPLICATION MEASUREMENTS WITH 1.25 PERCENT ENRICHED N-REACTOR FUEL ELEMENTS IN LIGHT WATER
1264	CLAYTON, E. D.	PHYSICS TODAY, SEPT. (1965), 46-52	65-09-00	PLUTONIUM CRITICALITY EXPERIMENTS
416	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / LLOYD, R. C.	NSENAO, 23, 150-158	65-10-00	CRITICALITY OF HOMOGENEOUS PLUTONIUM OXIDE-PLASTIC COMPACTS AT HYDROGEN TO PLUTONIUM RATIO = 15
840	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	TANSAO, 08, 444-445	65-11-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
779	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	IAEA-STOCK.-1965, 215-233	65-11-00	CRITICALITY RESEARCH ON PLUTONIUM
283	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	BNWL-SA-0232	66-00-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
525	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	NSENAO, 25, 165-173	66-06-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
804	HANSEN, L. E. / CLAYTON, E. D.	NUAPA, 03, 481-487	66-08-00	CRITICALITY OF PLUTONIUM COMPOUNDS IN THE UNDERMODERATED RANGE HYDROGEN - PLUTONIUM LESS THAN 20
864	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 56-58	66-10-15	BASIC CRITICALITY EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY
863	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 51-56	66-10-15	NEUTRON INTERACTION EXPERIMENTS WITH BOTTLES OF URANIUM-233 SOLUTIONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

CLAYTON, E. D. (CONTD.)

896	LLOYD, R. C./ CLAYTON, E. D.	TANSAO, 10, 188-189	67-06-00	INTERACTING ARRAYS OF CONTAINERS WITH URANIUM-233 SOLUTION
902	BAXTER, A./ CLAYTON, E. D./ HANSEN, L. E.	TANSAO, 10, 536	67-11-00	STUDIES OF CRITICAL ASSEMBLIES OF HOMOGENEOUS MIXTURES OF PLUTONIUM OXIDE AND POLYSTYRENE
1250	LLOYD, R. C./ CLAYTON, E. D./ CHALMERS, J. H.	NUAPA, 04, 136-141	68-03-00	CRITICALITY OF ARRAYS OF URANIUM-233 SOLUTION
2020	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 11, 381-382	68-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY
2019	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 11, 380-381	68-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE - POLYSTYRENE AT 5 HYDROGEN:PLUTONIUM
1276	BIERMAN, S. R./ HANSEN, L. E./ LLOYD, R. C./ CLAYTON, E. D.	NUAPA, 06, 023-026	69-01-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE-POLYSTYRENE AT 5 HYDROGEN/PLUTONIUM
1260	HANSEN, L. E./ CLAYTON, E. D./ LLOYD, R. C./ BIERMAN, S. R./ JOHNSON, R. D.	NUAPA, 06, 371-380	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS
1280	HANSEN, L. E./ CLAYTON, E. D.	NUAPA, 06, 381-390	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART-2: INTERPRETATION
1765	LLOYD, R. C./ CLAYTON, E. D./ HANSEN, L. E.	TANSAO, 12, 870-872	69-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION SLABS HAVING HIGH PLUTONIUM-240 CONTENT.
1883	ROGERS, C. A./ LLOYD, R. C./ BIERMAN, S. R./ CLAYTON, E. D.	BNWL-1258	69-11-00	REFLECTOR SAVINGS FOR URANYL NITRATE OF LOW ENRICHMENT.
1757	HANSEN, L. E./ BIERMAN, S. R./ LLOYD, R. C./ CLAYTON, E. D.	TANSAO, 12, 869-870	69-11-00	CRITICALITY OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE AQUEOUS MIXTURES
1915	BIERMAN, S. R./ CLAYTON, E. D.	TANSAO, 13, 379-380	70-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM OXIDE.
1733	LLOYD, R. C./ CLAYTON, E. D.	TANSAO, 13, 664-665	70-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING RASCHIG RINGS.
1622	LLOYD, R. C./ CLAYTON, E. D./ HANSEN, L. E.	TANSAO, 14, 037	71-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION CONTAINING SOLUBLE GADOLINIUM.
1626	BIERMAN, S. R./ CLAYTON, E. D.	TANSAO, 14, 040-041	71-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 15 AND 30 WT% PLUTONIUM.
1618	BIERMAN, S. R./ CLAYTON, E. D.	NUTYBB, 11, 185-190	71-06-00	CRITICAL EXPERIMENTS WITH UNMODERATED PLUTONIUM OXIDE.
1663	CLAYTON, E. D./ BIERMAN, S. R.	ACT. LAN. REV., 1, 409-432	71-09-00	CRITICALITY PROBLEMS OF ACTINIDE ELEMENTS.
2029	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 15, 307	72-06-00	THE CRITICALITY OF HIGH BURNUP PLUTONIUM
2030	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 307-309	72-06-00	CRITICAL EXPERIMENTS WITH MIXED OXIDES OF PLUTONIUM AND URANIUM CONTAINING 8 AND 30 WT% PLUTONIUM
2031	HANSEN, L. E. / CLAYTON, E. D.	TANSAO, 15, 309-310	72-06-00	THEORY-EXPERIMENT TESTS USING ENDF/B VERSION II CROSS-SECTION DATA
1671	LLOYD, R. C./ CLAYTON, E. D./ BIERMAN, S. R.	TANSAO, 15, 803-804	72-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS.

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

CLAYTON, E. D. (CONTD.)

1673	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 15, 805-806	72-11-00	CRITICALITY EXPERIMENTS OF LWR MIXED OXIDES AT 20 HYDROGEN:PLUTONIUM+URANIUM.
1676	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 50, 127-134	73-02-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING BORATED RASCHIG RINGS.
1677	BIERMAN, S. R. / CLAYTON, E. D. / HANSEN, L. E.	NSENAO, 50, 115-126	73-02-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM.
1683	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E. / BIERMAN, S. R.	NUTYBB, 18, 225-230	73-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY.
1526	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 269-270	73-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS CONTAINING 30 WT% PLUTONIUM
1521	BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 265	73-11-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1705	BIERMAN, S. R. / CLAYTON, E. D.	BNWL-B-338	74-01-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1707	LLOYD, R. C. / CLAYTON, E. D.	BNWL-SA-5100	74-07-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM OXIDE -- PLUTONIUM OXIDE SOLIDS IN FISSION SOLUTION CONTAINING GADOLINIUM NITRATE
1547	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 058-066	74-09-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1548	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 051-057	74-09-00	CRITICALITY OF PLUTONIUM-URANIUM MIXTURES CONTAINING 5 TO 8 WT% PLUTONIUM
1552	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 19, 183-184	74-11-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM DIOXIDE/PLUTONIUM DIOXIDE SOLIDS IN FISSION SOLUTION CONTAINING GADOLINIUM NITRATE
1564	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 21, 236-237	75-06-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTION CONTAINING GLASS RASCHIG RINGS
1574	LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 59, 021-026	76-01-00	CRITICALITY SAFETY DATA APPLICABLE TO PROCESSING LIQUID-METAL FAST BREEDER REACTOR FUEL
1429	CLAYTON, E. D.	BNWL-B-468	76-02-00	PROGRESS REPORT ON PLUTONIUM CRITICALITY STUDIES
1588	LLOYD, R. C. / CLAYTON, E. D.	BNWL-B-482	76-04-00	SUMMARY OF CRITICALITY DATA OBTAINED AT BATTILLE PACIFIC NORTHWEST LABORATORIES ON FIXED AND SOLUBLE POISONS IN URANIUM + PLUTONIUM NITRATE SOLUTIONS
1502	LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 60, 143-146	76-06-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS
1612	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 23, 234-235	76-06-00	EFFECT OF BORON AND GADOLINIUM ON THE CRITICALITY OF PLUTONIUM-URANIUM SYSTEMS
1613	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 23, 235-237	76-06-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8 AND 15 WT% PLUTONIUM
1503	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	BNWL-2129	76-10-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTH OF MATERIALS COMMONLY ENCOUNTERED AS FIXED NEUTRON POISONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

CLAYTON, E. D. (CONTD.)

1940	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	TANSAO, 24, 123-125	76-11-00	CRITICALITY STUDIES OF A NEUTRON MULTIPLIER
1453	BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 61, 370-376	76-11-00	CRITICAL EXPERIMENTS WITH LOW-MODERATED HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM
1517	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	TANSAO, 24, 209-210	76-11-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTHS OF MATERIALS COMMONLY ENCOUNTERED AS FIXED-NEUTRON POISONS
2094	BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	PNL-2438	77-10-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
1456	BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 422-424	77-11-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
1457	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 424-425	77-11-00	BENCHMARK CALCULATIONS FOR SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
2109	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	PNL-2700	78-03-00	HANDBOOK OF CRITICAL EXPERIMENTS BENCHMARKS
2112	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	NUREG/CR-0073	78-05-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 4.29 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS

CLEARY, J. D.

681	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	WCAP-1412	60-03-30	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER

CLOUET D'ORVAL, C.

291	BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.	GENEVA-2, 12, 539-562	58-09-00	PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM
714	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / MORET BAILLY, J. / VERRIERE, P.	CEA-R-2452	62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS
201	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / LECLERC, J. / VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS
376	BERTRAND, J. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / VERRIERE, P.	CEA-2309	63-00-00	PROSERPINE - CRITICAL MASSSES AND STANDARDS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

CLOUET D'ORVAL, C. (CONTD.)

281	BRETON, D. / LECORCHE, P.
/ CLOUET D'ORVAL, C. /
CAIZERGUES, R. / MOREAU,
J. / SOLLIER, G.	CEA-R-2653	64-00-00	CRITICALITY STUDIES
717	BRUNA, J. G. / BRUNET, J.
P. / CLOUET D'ORVAL, C.
/ KREMSER, J.	CEA-R-2453	64-06-00	CRITICALITY EXPERIMENT ON A SOLUTION OF
PLUTONIUM AND OF 90% ENRICHED URANIUM.
EXPERIMENTAL RESULTS AND CALCULATIONS ON
TANK NUMBER 2
1463	BRETON, D. / LECORCHE, P.
/ CLOUET D'ORVAL, C.	GENEVA-3, 13, 234-
243	64-09-00	CRITICALITY STUDIES
285	BRUNA, J. G. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
KREMSER, J. / TELLIER, H.
/ VERRIERE, P.	CEA-R-2814	65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH
HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-
239, URANIUM-235, AND URANIUM-233.
780	CLOUET D'ORVAL, C. /
DEILGAT, E. / HONELLE, M.
/ LECORCHE, P.	IAEA-STOCK.-1965,
193-213	65-11-00	EXPERIMENTAL RESEARCH IN FRANCE ON
CRITICALITY PROBLEMS
781	BRUNA, J. G. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
VERRIERE, P.	IAEA-STOCK.-1965,
235-248	65-11-00	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS
CARRIED OUT WITH PLUTONIUM-239, URANIUM-235
AND URANIUM-233
1920	CLOUET D'ORVAL, C. /
ENGELMANN, P. / HELM, F.
/ JOURDAN, G. / MEYER-
HEINE, A. / PILATE, S. /
SCHMITT, P. / TRETIKOFF,
O. / VIDAL, R. / WITTEK,
G.	TANSAO, 13, 292-293	70-06-00	JOINT EXPERIMENTS ON MASURCA, ERMINÉ, AND
SNEAK IN SUPPORT OF THE FAST BREEDER
PROJECTS PHENIX AND SNR.

COATES, M. S.

133	COATES, M. S. / GAYTHER,
D. B. / GOODE, P. D. /
TRIPP, D. J. | AERE-R5330 | 68-01-00 | TIME OF FLIGHT MEASUREMENTS OF THE NEUTRON
SPECTRUM IN A SUBCRITICAL FAST REACTOR
ASSEMBLY |
|-----|--|------------|----------|--|

COEHOORN, J.

1994	COEHOORN, J. / ACKERS, J.
G. / BUSTRAAN, M. / TAS,
A. / ZIJP, W. L. /
NUYSKEN, M. / NIJS, W. W.
/ HEYBOER, R. J. /
LUIDINGA, F.	IAEA-AMST.-1963, 2,
233-256	63-09-00	THE CRITICAL FACILITY KRITO.
1865	COEHOORN, J. / KLIPPEL, H.
TH. / DE MEULEMEESTER, F.
M. /	RCN-118	70-02-00	MEASUREMENTS AND CALCULATIONS ON THERMAL,
ARGONAUT TYPE, CORES IN THE STEK-FACILITY
AT PETTEN.

COHEN, E. R.

1953	COHEN, E. R.	GENEVA-1, 05, 268-
278 | 55-08-00 | EXPONENTIAL EXPERIMENTS ON DEUTERIUM-OXIDE--
URANIUM LATTICES |
|------|--------------|---------------------------|----------|--|

COHEN, S. C.

1489	COHEN, S. C. / MOORE, R.
A. / RUSSELL, J. L. /
SARGIS, D. A. / SHARP, R. | GA-8767 | 68-08-26 | FAST CRITICAL EXPERIMENTS IN SUPPORT OF
THERMIONIC REACTOR PHYSICS |
|------|--|---------|----------|---|

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

COHEN, S. C. (CONTD.)

1407	COHEN, S. C.	TANSAO, 11, 671	68-11-00	ANALYSIS OF REFLECTED ORALLOY CRITICAL EXPERIMENTS
1186	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	GA-9100	68-12-13	THE NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT ASSEMBLY NO. 1
1404	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	TANSAO, 12, 221-223	69-06-00	FAST SPECTRUM MEASUREMENTS ON A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT
1345	COHEN, S. C. / MOORE, R. A. / YOUNG, J. C. / RUSSELL, J. L.	NSENAO, 37, 111-126	69-07-00	FAST NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF A HOMOGENEOUS URANIUM-235 POLYETHYLENE CRITICAL ASSEMBLY
1298	MOORE, R. A. / SARGIS, D. A. / COHEN, S. C.	NSENAO, 39, 263-272	70-02-00	INTEGRAL TEST OF ENDF/B AND GAM NEUTRON CROSS-SECTION DATA IN A CLEAN FAST ASSEMBLY

COHN, C. E.

2088	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5
1098	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT

COLE, A. G.

1219	COLE, A. G.	TANSAO, 05, 079-080	62-00-00	EXPERIMENTS INVOLVING GAPS IN CRITICAL ASSEMBLIES
------	-------------	---------------------	----------	---

COLOMB, G.

1935	COLOMB, G. / MANGIN, D. / MAUBERT, L.	CEA-N-1898	76-09-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS (19% PLUTONIUM-240)
------	---------------------------------------	------------	----------	--

COMTE, C.

391	BOUREGEOIS, P. / CLAIR, C. / COMTE, C. / LONG, J. J.	IAEA-VIENNA-1961, 313-319	61-08-00	DESCRIPTION OF RACHEL CRITICAL ASSEMBLY
-----	--	---------------------------	----------	---

CONANT, J.

1239	PHELPS, J. / CONANT, J. / COURT, A. J. / DOWNES, K. / WINDSOR, H.	BNL-RP-07 (F)	69-09-22	CEPFR-1B MEASUREMENTS AND ASSEMBLY DESCRIPTION
1482	WINDSOR, H. / PHELPS, J. / CONANT, J.	BNL-RP-09 (F)	69-10-00	CEPFR-1C MEASUREMENTS AND ASSEMBLY DESCRIPTION
1965	PHELPS, J. / WINDSOR, H. / TAKAHASHI, H. / CONANT, J. / CHANDRAMOLESHWAR, K.	NSENAO, 49, 274-300	72-11-00	CRITICAL EXPERIMENTS FOR THE BROOKHAVEN PULSED FAST REACTOR STUDY

CONEYBEAR, J. F.

2069	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W.	NEPA-1769	51-04-51	NEPA CRITICAL EXPERIMENT FACILITY
------	---	-----------	----------	-----------------------------------

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

CONEYBEAR, J. F. (CONTD.)

THORNTON, G. / TOAL, R.
L. / WEINBERG, D. I.

CONNOLLY, W. C.

204	MIHALCZO, J. T. / LYNN, J. J. / SCOTT, D. / CONNOLLY, W. C.	ORNL-CF-59-4-120	59-04-22	PRELIMINARY REPORT ON 2% URANIUM-235- ENRICHED URANIUM TETRAFLUORIDE/PARAFFIN CRITICAL ASSEMBLIES
-----	---	------------------	----------	---

COONFIELD, D. C.

15	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	RFP-1033	67-11-07	CRITICAL MASSES OF STEEL-MODERATED, ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS
1354	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	NSENAO, 39, 320-328	70-03-00	CRITICAL MASS IRREGULARITY OF STEEL- MODERATED ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS

COOPER, C. G.

1964	KUNZE, J. F. / LOFTHOUSE, J. H. / COOPER, C. G.	NSENAO, 47, 59-65	72-01-00	BENCHMARK GAS CORE CRITICAL EXPERIMENT
------	--	-------------------	----------	--

COOPER, K. V.

2046	FEINER, F. / WEINSTEIN, S. / OAKS, W. C. / COOPER, K. V.	TANSAO, 05, 344-345	62-11-00	PRECISE CRITICALITY DETERMINATIONS IN THE SOLID HOMOGENEOUS ASSEMBLY
------	--	---------------------	----------	---

CORPEL, J.

291	BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.	GENEVA-2, 12, 539- 562	58-09-00	PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM
-----	--	---------------------------	----------	---

COURT, A. J.

1237	PHELPS, J. / COURT, A. J. / DOWNES, K.	BNL-RP-06 (F)	69-09-22	CEPFR-1A MEASUREMENTS AND ASSEMBLY DESCRIPTION
1239	PHELPS, J. / CONANT, J. / COURT, A. J. / DOWNES, K. / WINDSOR, H.	BNL-RP-07 (F)	69-09-22	CEPFR-1B MEASUREMENTS AND ASSEMBLY DESCRIPTION

COWAN, C. L.

1824	COWAN, C. L. / HUTCHINS, B. A. / TURNER, J. E.	CONF-710301, 1, 72- 78	71-08-00	ADJUSTMENTS TO ENDF/B, VERSION II DATA WHICH IMPROVE THE AGREEMENT BETWEEN CALCULATED AND MEASURED PARAMETERS FOR FAST BENCHMARK CRITICAL ASSEMBLIES.
------	---	---------------------------	----------	--

CRAMER, S. N.

1635	CRAMER, S. N.	TANSAO, 14, 348	71-06-00	MONTE CARLO ANALYSIS OF FAST CRITICAL ASSEMBLIES USING ENDF/B I AND II DATA.
------	---------------	-----------------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

CREMER, C. C.

998	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORLTON, D. R.	LA-3529	69-10-27	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES
1823	HUNTER, R. E. / CREMER, C. C. / WORLTON, D. R.	CONF-710301, 1, 58-64	71-08-00	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.

CRICK, S. C.

1704	STEWART, S. L. / HARTMAN, A. K. / CRICK, S. C.	GEAP-14001	74-04-00	EVALUATION AND ANALYSIS OF ZPPR ASSEMBLY 3 CRITICAL EXPERIMENTS

CRITOPH, E.

2103	CRITOPH, E. / OKAZAKI, A. / HONE, D. W. / TUNNICLIFFE, P. R. / DE MILLE, G. R. / HANNA, G. C.	UK/C/5/103	56-10-22	MULTIPLE METAL ROD ASSEMBLIES IN ZEEP
1947	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY

CROCKER, V. S.

2099	CROCKER, V. S. / DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1810	57-07-00	APPROACH TO CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM IN NATURAL WATER
287	CROCKER, V. S. / ET AL	AERE-CR/R-1182	59-00-00	CRITICAL ASSEMBLIES OF PLUTONIUM NITRATE SOLUTIONS

CRONIN, D. F.

79	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MACKLIN, R. L. / MORFITT, J. W.	K-0406	49-11-28	CRITICAL MASS STUDIES, PART-4
71	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W.	K-0643	50-06-30	CRITICAL MASS STUDIES, PART-5
235	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	Y-0801 (DEL.)	51-08-00	CRITICAL MASS STUDIES, PART-6
2079	CALLIHAN, A. D. / CRONIN, D. F.	Y-B23-22	52-11-05	RING TAMPING
234	CRONIN, D. F. / CALLIHAN, A. D.	ORNL-1726	54-06-17	CRITICAL MASS STUDIES, PART 7 AQUEOUS URANIUM SLURRIES
196	GILLEY, L. W. / CRONIN, D. F. / HARNESS, V. G.	ORNL-1715, 12	54-07-14	BORON POISONING IN CRITICAL SLABS
855	CRONIN, D. F. / THOMAS, J. T.	ORNL-1926, 07-08	55-09-07	CRITICAL PARAMETERS OF SLIGHTLY ENRICHED URANIUM SOLUTIONS IN SPHERICAL GEOMETRY
2044	CALLIHAN, A. D. / CRONIN, D. F.	ORNL-CF-55-10-97	55-10-21	CRITICAL EXPERIMENTS WITH URANIUM OF INTERMEDIATE URANIUM-235 CONTENT

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

CRONIN, D. F. (CONTD.)

2093	GILLEY, L. W. / CRONIN, D. F. / FOX, J. K. / THOMAS, J. T.	ORNL-4193, 159-167	61-10-00	CRITICAL ARRAYS OF NEUTRON-INTERACTING UNITS
808	JOHNSON, E. B. / CRONIN, D. F.	TANSAO, 07, 301-303	64-11-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM
738	JOHNSON, E. B. / CRONIN, D. F.	ORNL-3714, 31	64-12-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM

CROSBIE, K. L.

1191	CROSBIE, K. L. / RUSSELL, J. L.	GA-7102	66-04-07	HAZARDS SUMMARY REPORT FOR APFA-III
1232	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	TANSAO, 09, 233-234	66-06-00	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR
1365	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OULTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS. QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

CROSS, N. F.

1524	CROSS, N. F. / WHITESIDES, G. E. / HINTON, R. J.	TANSAO, 17, 268	73-11-00	MONTE CARLO ANALYSIS OF EXPERIMENTALLY CRITICAL PIPE INTERSECTIONS
1466	CROSS, N. F. / WESTFALL, R. M. / TURNBULL, K. R. / FOX, P. B.	TANSAO, 27, 406-407	77-11-00	VALIDATION OF CRITICALITY SAFETY BROAD-GROUP LIBRARY USING URANIUM SYSTEMS

CRUDELE, J. S.

1969	NOAKS, J. W. / CRUDELE, J. S.	ORNL-CF-54-12-21	54-12-01	PRELIMINARY CRITICAL ASSEMBLY FOR SUPER CRITICAL WATER REACTOR, PART-2

CRUME, E. C.

1973	CRUME, E. C. / JOHNSON, E. B.	ORNL-TM-1704	66-12-01	CRITICALITY SAFETY TESTS FOR ROVER REACTOR FUEL ELEMENTS
1413	CRUME, E. C. / THOMAS, J. T.	TANSAO, 12, 336	69-06-00	CRITICAL AND NEAR-CRITICAL GRAPHITE-MODERATED ARRAYS OF URANIUM(93.2) CYLINDERS

CUNNINGHAM, J. E.

288	CUNNINGHAM, J. E. / WALL, G. P. / WELLS, I.	AERE-CE/R-2052	58-00-00	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTION PART 2 PREPARATION AND HANDLING OF SOLUTIONS

CUPINI, E.

1273	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	JAABA, 20, 017-024	65-06-10	A MONTE CARLO ANALYSIS OF SOME ENRICHED URANIUM-235 FAST CRITICAL ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

CUPINI, E. (CONTD.)

927	BENZI, V./ CUPINI, E./ DE MATTEIS, A.	ANL-7320, 278-298	66-10-10	MONTE CARLO ANALYSIS OF SMALL FAST CRITICAL ASSEMBLIES
-----	--	-------------------	----------	---

CURRIE, R. L.

1625	CURRIE, R. L./ PARKS, P. B./ JARRIEL, J. L.	TANSAO, 14, 039-040	71-06-00	REACTIVITY MEASUREMENTS ON LARGE URANIUM- 235-ALUMINUM FORMS IN WATER
1644	CURRIE, R. L./ PARKS, P. B./ JARRIEL, J. L.	NUTYBB, 12, 356-362	71-12-00	STATIC AND PULSED REACTIVITY MEASUREMENTS ON LARGE URANIUM-235 FUEL FORMS IN WATER.

D

D'ARDENNE, W. H.

411	D'ARDENNE, W. H.	NSENAO, 32, 283-291	68-06-00	REACTOR PHYSICS PARAMETERS OF 1.03 PERCENT ENRICHED URANIUM METAL, HEAVY WATER MODERATED LATTICES
-----	------------------	---------------------	----------	---

D'OUTREMONT, P.

1091	PRESKITT, C. A./ D'OUTREMONT, P./ NEILL, J. M./ YOUNG, J. C.	GA-9140	68-11-01	(FAST REACTOR SPECTRUM MEASUREMENTS QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1968)
1365	CERBONE, R. J./ CROSBIE, K. L./ GOZANI, T./ MIRR, C. H./ NEILL, J. M./ D'OUTREMONT, P./ PRESKITT, C. A./ SPERLING, M./ TRIMBLE, G. D./ YOUNG, H. P./ YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

DABROWSKI, C.

1814	DABROWSKI, C./ MALEWSKI, S.	INR-1288	71-00-00	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART 1.
1941	MALEWSKI, S. / DABROWSKI, C.	INR-1456/9A/PR/A	73-00-00	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART-2
1534	DABROWSKI, C. / MALEWSKI, S.	NUKLEONIKA, 18, 474- 494	73-10-00	ANALYSIS OF THE PHYSICAL PARAMETERS OF THE ANNA CRITICAL ASSEMBLY

DAGHLIAN, H. K.

1980	BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	LA-0134	44-09-04	WATER BOILER
------	--	---------	----------	--------------

DANCE, K. D.

1747	KARAM, R. A./ MARSHALL, J. E./ DANCE, K. D.	NSENAO, 43, 005-026	71-01-00	ANALYSIS OF HETEROGENEITY AND SODIUM-VOID EFFECTS IN A 2700-LITER URANIUM CARBIDE FAST CORE, ZPR-6 ASSEMBLY 5.
------	--	---------------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

DANNELS, R.

539	HARDY, J. / KLEIN, D. / DANNELS, R.	NSENAO, 26, 462-471	66-12-00	SPATIAL VARIATION OF THE FAST NEUTRON FLUX IN CELLS OF SLIGHTLY URANIUM-235-ENRICHED- URANIUM WATER-MODERATED LATTICES
-----	--	---------------------	----------	--

DATES, L. R.

397	KATO, W. Y. / DATES, L. R.	IAEA-VIENNA-1961, 295-312	61-08-00	DESIGN AND CONSTRUCTION OF THE ARGONNE FAST CRITICAL FACILITY (ZPR-6)
833	RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)

DAUGHTRY, J. W.

1875	PLUMLEE, K. E. / DAUGHTRY, J. W. / JOHNSON, T. W. / ROBINSON, W. R. / SCHULTZ, R. A. / STANFORD, G. S.	ANL-7483	69-02-00	ARGONNE ADVANCED RESEARCH REACTOR CRITICAL EXPERIMENTS.
1633	DAUGHTRY, J. W. / POND, R. B. / FLEISCHMAN, R. M. / SWANSON, C. S. / RUSCH, G. K. / KIER, P. H.	TANSAO, 14, 024-025	71-06-00	FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL PROGRAM.

DAUNERT, U.

965	ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G.	ANL-7320, 725-733	66-10-10	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
-----	---	-------------------	----------	---

DAVENPORT, D. E.

1018	DAVENPORT, D. E.	GENEVA-1, 05, 309- 316	55-08-00	EXPONENTIAL EXPERIMENTS IN GRAPHITE SYSTEMS
------	------------------	---------------------------	----------	---

DAVENPORT, L. C.

1227	NEWMAN, D. F. / DAVENPORT, L. C.	BNWL-1240	69-11-30	NEUTRON FLUX SPECTRUM STUDIES IN THE PCTR FAST NEUTRON CAVITY
------	-------------------------------------	-----------	----------	--

DAVEY, W. G.

2098	DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1788	55-10-00	EXPONENTIAL EXPERIMENTS WITH ENRICHED URANIUM--NATURAL WATER SYSTEMS
2099	CROCKER, V. S. / DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1810	57-07-00	APPROACH TO CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM IN NATURAL WATER
351	DAVEY, W. G.	ANL-6617	61-09-00	A CRITICAL COMPARISON OF MEASURED AND CALCULATED FISSION RATIOS FOR ZPR-3 ASSEMBLIES
352	DAVEY, W. G.	ANL-6682	63-06-00	A COMPARISON OF EXPERIMENTAL AND CALCULATED PROMPT NEUTRON LIFETIMES AND CENTRAL REACTIVITY COEFFICIENTS IN ZPR-3 ASSEMBLIES AND THEIR RELATIONSHIP TO OTHER PARAMETERS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

DAVEY, W. G. (CONTD.)

455	DAVEY, W. G.	ANL-6850	64-02-00	CALCULATIONS OF K FOR SOME SMALL URANIUM-233-, URANIUM-235-, AND PLUTONIUM-239-FUELED FAST REACTORS
712	DAVEY, W. G.	NSENAO, 19, 259-273	64-07-00	AN ANALYSIS OF 23 ZPR-3 FAST REACTOR CRITICAL EXPERIMENTS
1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124-136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS
450	DAVEY, W. G.	ANL-7014	65-03-00	AN ANALYSIS OF SIX AETR FAST CRITICAL EXPERIMENTS
910	DAVEY, W. G.	ANL-7320, 057-065	66-10-10	INTERCOMPARISON OF CALCULATIONS FOR A DILUTE PLUTONIUM-FUELED FAST CRITICAL ASSEMBLY (ZPR-3 ASSEMBLY 48)
1487	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	ANL-7320, 205-215	66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY
1791	TILL, C. E. / DAVEY, W. G. / LEWIS, R. A. / PALMER, R. G.	CONF-690634, 040-049	69-06-24	ARGONNE NATIONAL LABORATORY CRITICAL EXPERIMENT PROGRAM.
1391	DAVEY, W. G. / HESS, A. L.	TANSAO, 12, 717-718	69-11-00	VALIDITY OF FAST-CRITICAL EXPERIMENTS AS INTEGRAL TESTS OF ENDF/B

DAVIS, E. C.

1922	KUTCHER, J. W. / DAVIS, E. C. / HEEB, C. M.	TANSAO, 13, 245-246	70-06-00	MTR-PHOENIX FUEL CRITICAL EXPERIMENTS AND ANALYSIS.
1804	DAVIS, E. C. / SMITH, R. I. / WILLIAMS, L. D.	BNWL-1481	70-06-00	CRITICAL EXPERIMENTS IN AN MTR MOCKUP USING PHOENIX FUEL.
1815	KUTCHER, J. W. / DAVIS, E. C.	BNWL-1593	71-06-00	THE MTR-PHOENIX FUEL EXPERIMENT- CRITICAL TEST AND BURNUP RESULTS.

DAVIS, M. V.

849	DAVIS, M. V. / THIELE, A. W.	TANSAO, 03, 104-105	60-06-00	AN ENRICHED URANIUM DIOXIDE - ZIRCONIUM DIHYDRIDE CRITICAL ASSEMBLY
-----	------------------------------	---------------------	----------	---

DAVISON, P. W.

472	DAVISON, P. W. / BERG, S. S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAEC-094	59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER
680	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	YAEC-142	59-11-30	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES
681	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	WCAP-1412	60-03-30	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

DE COULON, G. A. G.

1001	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	BAW-1191	60-05-00	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT
------	---	----------	----------	--

DE MATTEIS, A.

1273	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	JAABA, 20, 017-024	65-06-10	A MONTE CARLO ANALYSIS OF SOME ENRICHED URANIUM-235 FAST CRITICAL ASSEMBLIES
927	BENZI, V. / CUPINI, E. / DE MATTEIS, A.	ANL-7320, 278-298	66-10-10	MONTE CARLO ANALYSIS OF SMALL FAST CRITICAL ASSEMBLIES

DE MAZANCOURT, R.

1950	BACHER, P. / KOECHLIN, J. C. / DE MAZANCOURT, R. / TESTE DU BAILLER, A. / ZALESKI, C. P.	GENEVA-2, 12, 666-684	58-09-00	NATURAL URANIUM-GRAPHITE LATTICES
------	--	-----------------------	----------	-----------------------------------

DE MEULEMEESTER, F. M.

1865	COEHOORN, J. / KLIPPEL, H. TH. / DE MEULEMEESTER, F. M.	RCN-118	70-02-00	MEASUREMENTS AND CALCULATIONS ON THERMAL, ARGONAUT TYPE, CORES IN THE STEK-FACILITY AT PETTEN.
------	---	---------	----------	--

DE MILLE, G. R.

2103	CRITOPH, E. / OKAZAKI, A. / HONE, D. W. / TUNNICLIFFE, P. R. / DE MILLE, G. R. / HANNA, G. C.	UK/C/5/103	56-10-22	MULTIPLE METAL ROD ASSEMBLIES IN ZEEP
------	---	------------	----------	---------------------------------------

DE VILLIERS, J. W. L.

1495	DE VILLIERS, J. W. L. / BAIRD, Q. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A
126	DE VILLIERS, J. W. L.	PEL-170	68-02-00	SAFETY REPORT ON THE PELINDUNA CRITICAL EXPERIMENTS

DE WAECH, F.

1637	DEBRUE, J. / LEENDERS, L. / MOTTE, F. / VAN DEN BROECK, H. / DERAMAIX, P. / DE WAECH, F.	TANSAO, 14, 377-379	71-06-00	A BASIC EXPERIMENTAL REACTOR PHYSICS PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE/WATER LATTICES
------	--	---------------------	----------	--

DEBRUE, J.

820	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAC-1882	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
-----	---	------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

DEBRUE, J. (CONTD.)

2052	DEBRUE, J. / MEWISSEN, L.
/ MOTTE, F. / BASSELIER,
J. / DELRUE, R. /
FOSSOUL, E. / HAUBERT, N.
/ LAMOTTE, H. /
STIEVENART, M. / VAN
DEYCK, D.	EURAEC-1882(ANNEX)	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED
OUT ON 5 PERCENT ENRICHED WATER/URANIUM
DIOXIDE LATTICES
1637	DEBRUE, J. / LEENDERS, L.
/ MOTTE, F. / VAN DEN
BROECK, H. / DERAMAIX, P.
/ DE WAECH, F.	TANSO, 14, 377-379	71-06-00	A BASIC EXPERIMENTAL REACTOR PHYSICS
PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM-
DIOXIDE/WATER LATTICES

DECHAND, C. O.

2001	KLANN, P. G. / DECHAND,
C. O. / FEIN, E. /
WRIGHT, W. B. | TANSO, 04, 298-299 | 61-11-00 | CRITICAL EXPERIMENTS WITH LOW ENRICHED
DOUBLE ANNULAR SUPERHEATER FUEL ELEMENTS IN
LIGHT WATER AND THEIR ANALYSIS |
|------|--|--------------------|----------|---|

DECK, R. M.

994	KLOVERSTROM, F. A. / DECK,
R. M. / REYENGA, A. J.	UCRL-5149	58-02-20	CRITICALITY AND PULSED-NEUTRON-SOURCE
STUDIES ON AN EPITHERMAL GRAPHITE-URANIUM-
235 HOMOGENEOUS UNREFLECTED SYSTEM
117	KLOVERSTROM, F. A. / DECK,
R. M. / REYENGA, A. J.	UCRL-5506	59-03-03	CRITICAL DIMENSIONS OF UNREFLECTED
BERYLLIUM OXIDE SYSTEMS, FUELED BY THIN
ORALLOY FOILS
2032	KLOVERSTROM, F. A. /
DECK, R. M. / REYENGA, A.
J.	TANSO, 02, 2, 162-
163	59-06-00	CRITICAL DIMENSIONS OF UNREFLECTED
BERYLLIUM OXIDE SYSTEMS FUELED BY THIN
ENRICHED URANIUM FOILS
100	KLOVERSTROM, F. A. / DECK,
R. M. / REYENGA, A. J.	UCRL-5369 PT.-1 REV.	59-07-01	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS
BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED
SYSTEMS
11	KLOVERSTROM, F. A. / DECK,
R. M. / REYENGA, A. J.	NSEAO, 08, 221-225	60-09-00	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS
BERYLLIUM OXIDE-MODERATED, ENRICHED-URANIUM
FUELED SYSTEMS

DEILGAT, E.

279	MOLBERT, M. / SAUVE, A. /
HOUELLE, M. / DEILGAT, E.	CEA-2495	64-00-00	CRITICALITY EXPERIMENTS WITH ANNULAR
CYLINDERS CONTAINING PLUTONIUM SOLUTIONS
780	CLOUET D'ORVAL, C. /
DEILGAT, E. / HONELLE, M.
/ LECORCHE, P.	IAEA-STOCK.-1965,
193-213	65-11-00	EXPERIMENTAL RESEARCH IN FRANCE ON
CRITICALITY PROBLEMS
65	BOULY, J. C. / CAIZERGUES,
R. / DEILGAT, E. /
HOUELLE, M. / LECORCHE, P.	CEA-R-3367	67-12-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS
SOLUTIONS OF PLUTONIUM - EXPERIMENTAL
RESULTS - THEORETICAL INTERPRETATIONS
1898	BARBRY, F. / BOULY, J. C.
/ CAIZERGUES, R. /
DEILGAT, E. / HOUELLE, M.
/ LECORCHE, P.	CEA-R-3931	69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO
THE HETEROGENEOUS POISONING OF FISSION-
MATERIAL SOLUTIONS BY TUBES OR RINGS OF
BOROSILICATE GLASS.
1461	BOULY, J. C. /
CAIZERGUES, R. / DEILGAT,
E. / HOUELLE, M. /
MAUBERT, L.	CEA-R-3946	70-03-00	NEUTRON INTERACTION IN AIR BETWEEN
CYLINDRICAL CONTAINERS HOLDING EITHER
URANIUM OR PLUTONIUM SOLUTIONS
1426	CAIZERGUES, R. / DEILGAT,
E. / LECORCHE, P. /
MAUBERT, L. / REVOL, H.	Y-CDC-9	71-05-00	CRITICALITY OF LIQUID MIXTURES OF HIGHLY
URANIUM-235 ENRICHED HEXAFLUORIDE AND
HYDROFLUORIC ACID

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

DELRUE, R.

820	DEBRUE, J. / MEWISSEN, L.
/ MOTTE, F. / BASSELIER,
J. / DELRUE, R. /
FOSSOUL, E. / HAUBERT, N.
/ LAMOTTE, H. /
STIEVENART, M. / VAN
DEYCK, D.	EURÆC-1882	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED
OUT ON 5 PERCENT ENRICHED WATER/URANIUM
DIOXIDE LATTICES
2052	DEBRUE, J. / MEWISSEN, L.
/ MOTTE, F. / BASSELIER,
J. / DELRUE, R. /
FOSSOUL, E. / HAUBERT, N.
/ LAMOTTE, H. /
STIEVENART, M. / VAN
DEYCK, D.	EURÆC-1882(ANNEX)	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED
OUT ON 5 PERCENT ENRICHED WATER/URANIUM
DIOXIDE LATTICES

DENIZ, V.

591	BENOIST, P. / DENIZ, V. /
GOURDON, CH. / JOSHI, B.
V. / MARTELLY, J. / SAGOT,
M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585-
606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON
URANIUM-BERYLLIUM OXIDE LATTICES
1441	DENIZ, V.	NSENAO, 40, 246-253	70-05-00	STUDY OF THE USE OF PULSED-NEUTRON
EXPERIMENTS ON MULTIPLYING LATTICES FOR THE
ADJUSTMENT OF CRITICALITY CODES

DERAMAIX, P.

1637	DEBRUE, J. / LEENDERS, L.
/ MOTTE, F. / VAN DEN
BROECK, H. / DERAMAIX, P.
/ DE WAECH, F. | TANSAO, 14, 377-379 | 71-06-00 | A BASIC EXPERIMENTAL REACTOR PHYSICS
PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM-
DIOXIDE/WATER LATTICES |
|------|---|---------------------|----------|---|

DEROCHE, E. J.

628	ENGELDER, T. C. / CLARK,
R. H. / BALDWIN, M. N. /
DEROCHE, E. J. /
FAIRBURN, G. T. / HALLAM,
J. W. | BAW-1273 | 63-11-00 | MEASUREMENTS AND ANALYSIS OF UNIFORM
LATTICE OF SLIGHTLY ENRICHED URANIUM
DIOXIDE MODERATED BY HEAVY WATER-WATER
MIXTURES |
|-----|--|----------|----------|--|

DEROMIX, P.

757	ORR, W. L. / STERNBERG,
H. I. / DEROMIX, P. | TANSAO, 08, 439-440 | 65-11-00 | A COMPARISON OF ANALYSIS WITH EXPERIMENT
FOR THE SAXTON PLUTONIUM CRITICAL
EXPERIMENTS |
|-----|--|---------------------|----------|--|

DERYAGIN, B. I.

336	BLOKHIN, G. E. /
BLOKHINTSEV, D. I. /
BLYUMKINA, YU. A. /
BONDARENKO, I. I. /
DERYAGIN, B. I. /
ZAIMOVSKII, A. S. / ET AL | ATOMK., 10, 437 | 61-00-00 | A FAST NEUTRON BURST REACTOR |
|-----|--|-----------------|----------|------------------------------|

DICKINSON, D.

1744	DICKINSON, D. / SCHUSKE,
C. L.	NUTYBB, 10, 179-187	71-02-00	EMPIRICAL MODEL FOR SAFE PIPE INTERSECTIONS
CONTAINING FISSILE SOLUTION.
1558	SCHUSKE, C. L. /
DICKINSON, D.	NUTYBB, 25, 072-083	75-01-00	CRITICALITY DESIGN OF A LARGE-CAPACITY
PLUTONIUM MELTING CRUCIBLE

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

DICKINSON, D. (CONTD.)

1433	SCHUSKE, C. L. /
DICKINSON, D. / HUNT, D.
C. / ROTHE, R. E. / TUCK,
G.	RFP-NUREG-2481	76-01-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS
REPORT FOR PERIOD JULY 1, 1975 THROUGH
DECEMBER 31, 1975)
1606	SCHUSKE, C. L. /
DICKINSON, D. / HUNT, D.
C. / ROTHE, R. E. /
SHEETS, W. R.	RFP-NUREG-2517	76-05-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS
REPORT, JANUARY 1, 1976--MARCH 31, 1976
1607	SCHUSKE, C. L. /
DICKINSON, D. / ROTHE, R.
E.	RFP-NUREG-2555	76-08-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS
REPORT, APRIL 1, 1976--JUNE 30, 1976
1939	SCHUSKE, C. L. /
DICKINSON, D. / ROTHE, R.
E. / OH, I. / GAYLORD,
N. D.	RFP-NUREG-2622	77-02-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS
REPORT, OCTOBER 1, 1976--DECEMBER 31, 1976
1434	SCHUSKE, C. L. /
DICKINSON, D. / GAYLORD,
N. D. / OH, I. / ROTHE,
R. E. / TUCK, G.	RFP-NUREG-2660	77-05-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS
REPORT FOR PERIOD JANUARY 1, 1977, THROUGH
MARCH 31, 1977)
1435	DICKINSON, D. / GAYLORD,
N. D. / ROTHE, R. E. /
TUCK, G.	RFP-NUREG-2690	77-09-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS
REPORT FOR PERIOD APRIL 1, 1977, THROUGH
JUNE 30, 1977)

DINGEE, D. A.

1438	DINGEE, D. A. / BALLOWE,
W. C. / KLINGENSMITH, R.
W. / EGEN, R. A. /
JANKOWSKI, F. J. /
CHASTAIN, J. W.	BMI-1288	58-09-10	GCRE CRITICAL-ASSEMBLY STUDIES
1437	RAY, J. W. / MATTHEWS, R.
G. / HOGAN, W. S. /
DINGEE, D. A. / CHASTAIN,
J. W.	BMI-1501	61-02-21	ML-1-1B CRITICAL-ASSEMBLY STUDIES

DODERLEIN, J.

1948	PERSSON, R. / BLOMSJO, E.
/ ANDERSEN, E. /
ASPELUND, O. / DODERLEIN,
J. | GENEVA-2, 12, 364-
373 | 58-09-00 | EXPONENTIAL EXPERIMENTS ON HEAVY WATER
NATURAL URANIUM METAL AND OXIDE LATTICES |
|------|--|---------------------------|----------|--|

DOERNER, R. C.

1098	DOERNER, R. C. / KNAPP, W.
G. / ALMENAS, K. K. /
COHN, C. E. / KARAM, R. A.
/ KATO, W. Y. /
LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-
BASED FAST REACTORS REACTOR PHYSICS
DIVISION ANNUAL REPORT
1096	BUTLER, D. K. / DOERNER,
R. C. / KNAPP, W. G. /
LOEWENSTEIN, W. B.	ANL-7285	66-00-00	PHYSICS OF FAST REACTORS WITH TUNGSTEN-
URANIUM-235 FUEL SUMMARY AND DISCUSSION
919	BUTLER, D. K. / DOERNER,
R. C. / KNAPP, W. G.	ANL-7320, 186-194	66-10-10	MEASUREMENTS AND ANALYSIS OF ALUMINUM-,
ALUMINUM TRIOXIDE-, AND BERYLLIUM OXIDE-,
REFLECTED FAST CRITICAL EXPERIMENTS
118	KNAPP, W. G. / DOERNER, R.
C.	ANL-7207	67-02-00	PHYSICS MEASUREMENTS WITH MODIFIED DILUENT
COMPOSITIONS IN TUNGSTEN-BASED, ALUMINUM-
REFLECTED FAST REACTORS

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

DOERNER, R. C. (CONTD.)

119	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / KARAM, R. A.	ANL-7007	67-03-00	PHYSICS MEASUREMENTS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS
120	DOERNER, R. C. / KNAPP, W. G. / KARAM, R. A. / BUTLER, D. K.	ANL-7208	67-03-00	ZPR-9 ASSEMBLIES NO. 6-9 CRITICAL EXPERIMENTS

DOMINEY, J. R.

229	DOMINEY, J. R. / LANE, R. C. / THOMAS, A. F.	AWRE-NR/A-1/62	62-03-00	CRITICAL MASS MEASUREMENTS WITH THIN DISCS OF 45.5 PERCENT ENRICHED URANIUM

DONAHUE, D. J.

2060	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 089-094	57-11-12	THE NUCLEAR PARAMETERS OF SOME LARGE PROCESS TUBE LATTICES FROM PCTR MEASUREMENTS
2081	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 085-088	57-11-12	THE NUCLEAR PARAMETERS OF SOME GRAPHITE, NATURAL URANIUM LATTICES MEASURED IN THE PCTR
2080	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	BNL-0489, 069-084	57-11-12	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR
346	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	NSENAO, 04, 297-321	58-09-00	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR

DONALDSON, R. E.

63	DONALDSON, R. E. / BROWN, W. K.	UCRL-5255	58-06-09	CRITICAL-MASS DETERMINATIONS OF LEAD-REFLECTED SYSTEMS

DOWNES, K.

631	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	BNL-01627	53-11-05	BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235)
632	DOWNES, K.	BNL-02016	54-07-23	BUCKLING OF A NATURAL URANIUM LIGHT WATER MODERATED LATTICE
2043	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	BNL-02184	55-02-07	BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS
1019	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	GENEVA-1, 05, 183-202	55-08-00	EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER
1957	KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V.	JAABA, 02, 141	55-11-00	REACTOR PARAMETERS OF A LIGHT WATER-NORMAL URANIUM LATTICE (LETTER)
1237	PHELPS, J. / COURT, A. J. / DOWNES, K.	BNL-RP-06 (F)	69-09-22	CEPFR-1A MEASUREMENTS AND ASSEMBLY DESCRIPTION
1239	PHELPS, J. / CONANT, J. / COURT, A. J. / DOWNES, K. / WINDSOR, H.	BNL-RP-07 (F)	69-09-22	CEPFR-1B MEASUREMENTS AND ASSEMBLY DESCRIPTION

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

DOYAS, R. J.

468	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

DRAKE, M. K.

1992	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	IAEA-AMST.-1963, 3, 035-061	63-09-00	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION

DRUEKE, V.

1572	DRUEKE, V. / FILGES, S. / KIRCH, N. / NEEF, R. D.	NSENAO, 57, 328-332	75-08-00	EXPERIMENTAL AND THEORETICAL STUDIES OF CRITICALITY SAFETY BY INGRESS OF WATER IN SYSTEMS WITH PEBBLE-BED HIGH-TEMPERATURE GAS-COOLED REACTOR FUEL

DUBOVSKII, B. G.

1990	KAMAEV, A. V. / DUBOVSKII, B. G. / VAVILOV, V. V. / POPOV, G. A. / PALAMARCHUK, YU. D. / IVANOV, S. P.	AEC-TR-4708	62-10-09	EXPERIMENTAL INVESTIGATION OF EFFECTS OF INTERACTION OF TWO SUBCRITICAL REACTORS
692	DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	GENEVA-3, 13, 254-263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY
759	DUBOVSKII, B. G. / KAMAEV, A. V. / KUZNETSOV, F. M. / VLADYKOV, G. M. / POPOV, G. A. / PALAMARCHUK, YU. D.	JAABA, 19, 775-781	65-00-00	CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS OF URANIUM NITRATE
405	DUBOVSKII, B. G. / ET AL	IAEA-STOCK.-1965, 267-278	65-11-00	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANYL NITRATE AND INTERACTION OF SUBCRITICAL HOMOGENEOUS REACTORS

DUBOVSKY, B. G.

1956	KRASNIN, A. K. / DUBOVSKY, B. G.	JAABA, 04, 520-521	57-04-00	A BERYLLIUM MODERATED REACTOR (LETTER)
467	KRASNIN, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHEMKOV, A. P.	GENEVA-2, 12, 571-579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

DUERDEN, P.

761	BRITTLIFF, E. / DUERDEN, P.	AAEC/E145	65-11-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-233/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES
784	MC CULLOCH, D. B. / DUERDEN, P. / BRITTLIFF, E.	AAEC/E146	65-12-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235 FUELED SUBCRITICAL ASSEMBLIES MODERATED BY BERYLLIUM OXIDE/FERTILE MATERIAL MIXTURES
719	DUERDEN, P. / MC CULLOCH, D. B. / BRITTLIFF, E.	AAEC/E123	66-07-19	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235/BERYLLIUM-OXIDE SUBCRITICAL ASSEMBLIES
805	DUERDEN, P.	AAEC/E177	67-06-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN PLUTONIUM-239/BERYLLIUM OXIDE SUBCRITICAL ASSEMBLIES

DUFFEY, D.

836	MC CRELESS, T. G. / SMITH, D. R. / JARVIS, G. A. / DUFFEY, D.	TANSAO, 08, 441	65-11-00	NEUTRONIC ISOLATION CHARACTERISTICS OF CONCRETE, LEAD, WOOD POLYETHYLENE AND BERYLLIUM

DUNN, R. E.

1998	TRIPLETT, J. R. / SCHMID, L. C. / PETERSON, R. E. / DUNN, R. E. / REGIMBAL, J. J.	TANSAO, 04, 115-116	61-06-00	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS

DURAND-SMET, R.

967	ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D.	ANL-7320, 759-775	66-10-10	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK

DURET, M. F.

1947	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY

DURST, B. M.

1503	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	BNWL-2129	76-10-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTH OF MATERIALS COMMONLY ENCOUNTERED AS FIXED NEUTRON POISONS
1940	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	TANSAO, 24, 123-125	76-11-00	CRITICALITY STUDIES OF A NEUTRON MULTIPLIER
1517	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	TANSAO, 24, 209-210	76-11-00	CRITICAL EXPERIMENTS MEASURING THE REACTIVITY WORTHS OF MATERIALS COMMONLY ENCOUNTERED AS FIXED-NEUTRON POISONS
2094	BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	PNL-2438	77-10-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

DURST, B. M. (CONTD.)

1457	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	TANSAO, 27, 424-425	77-11-00	BENCHMARK CALCULATIONS FOR SUBCRITICAL CLUSTERS OF 2.35 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS
2109	DURST, B. M. / BIERMAN, S. R. / CLAYTON, E. D.	PNL-2700	78-03-00	HANDBOOK OF CRITICAL EXPERIMENTS BENCHMARKS
2112	BIERMAN, S. R. / DURST, B. M. / CLAYTON, E. D.	NUREG/CR-0073	78-05-00	CRITICAL SEPARATION BETWEEN SUBCRITICAL CLUSTERS OF 4.29 WT% URANIUM-235 ENRICHED URANIUM DIOXIDE RODS IN WATER WITH FIXED NEUTRON POISONS

DURSTON, C.

1822	PAIK, N. C. / PITTERLE, T. A. / DURSTON, C.	CONF-710301, 1, 44-50	71-08-00	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.

DWIVEDI, S. R.

1962	UOTINEN, V. O. / LAUBY, J. H. / STINSON, W. P. / DWIVEDI, S. R.	NSENAO, 44, 66-71	71-04-00	REACTOR KINETIC PARAMETERS OF LATTICES OF PLUTONIUM AND URANIUM IN WATER

DYER, H. R.

2086	BYERS, C. C. / KOELLING, J. J. / HANSEN, G. E. / SMITH, D. R. / DYER, H. R.	TANSAO, 27, 412-413	77-11-00	CRITICAL MEASUREMENTS OF A WATER-REFLECTED ENRICHED URANIUM SPHERE

DYSON, J. A.

66	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	AERE-R/R-2703	58-11-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS

E

EDELMANN, M.

1180	BORGWALDT, H. / EDELMANN, M. / HABERMANN, F. W. A. / KUBMAUL, G. / MEISTER, H. / SEIFRITZ, W. / STEGEMANN, D.	KFK-899	68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION

EGEN, R. A.

1438	DINGEE, D. A. / BALLOWE, W. C. / KLINGENSMITH, R. W. / EGEN, R. A. / JANKOWSKI, F. J. / CHASTAIN, J. W.	BMI-1288	58-09-10	GCRE CRITICAL-ASSEMBLY STUDIES

EGGEN, D. T.

1490	MOREWITZ, H. A. / CARPENTER, S. G. / EGGEN, D. T. / MYHRE, C.	TANSAO, 04, 055-056	61-06-00	SPECIAL FEATURES OF THE ADVANCED EPITHERMAL THORIUM REACTOR CRITICAL ASSEMBLY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

EGGLER, C.

1141	EGGLER, C. / HUDDLESTON, C. M. / KROHN, V. E. / RINGO, G. R.	NSENAO, 01, 391-408	56-10-00	MEASUREMENT OF NEUTRON SPECTRA OF THE EXPERIMENTAL BREEDER REACTOR
------	--	---------------------	----------	--

EHRlich, R.

331	HURWITZ, H. / EHRlich, R.	GENEVA-1, 05, 423-432	55-08-00	COMPARISON OF THEORY AND EXPERIMENT FOR INTERMEDIATE ASSEMBLIES
-----	---------------------------	-----------------------	----------	---

EICH, W. J.

1317	EICH, W. J.	WCAP-7365	69-10-00	A STATUS REPORT FOR THE CURRENT EVALUATION OF MODIFIED ENDF/B REPRESENTATIONS FOR THE ISOTOPES OF PLUTONIUM - 239, 240, 241, AND 242
------	-------------	-----------	----------	--

EISEMANN, E.

1179	KUSTERS, H. / SCHMIDT, J. J. / BROEDERS, C. H. M. / EISEMANN, E. / METZENROTH, M. / SCHROETER, K. E. / THIEM, D.	KFK-793	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE
1409	EISEMANN, E. / KUESTERS, H. / METZENROTH, M. / SCHMIDT, J. J. / SCHROETER, K. E. / THIEM, D.	TANSAO, 11, 601-602	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE

ENDLER, A.

1799	ENDLER, A.	KERNERGIE, 13, 6-11	70-01-00	CRITICAL EXPERIMENTS AND ZERO-POWER MEASUREMENTS WITH THE CRITICAL FACILITY "RAKE" FOR THE POWER LEVEL INCREASING OF THE RFR REACTOR.
------	------------	---------------------	----------	---

ENDRES, G. W. R.

817	ENDRES, G. W. R. / WOOD, D. E.	HW-60220, 27-32	59-04-20	MATERIAL BUCKLINGS OF GRAPHITE-URANIUM LATTICES
2041	WOOD, D. E. / ENDRES, G. W. R.	TANSAO, 02, 2, 084-085	59-11-00	GRAPHITE - URANIUM EXPONENTIAL MEASUREMENTS FOR LARGE FUEL ELEMENTS

ENGELDER, T. C.

2033	ENGELDER, T. C. / GIESLER, H. W. / FARRARR, J. P.	TANSAO, 02, 2, 168-169	59-06-00	REACTIVITY AND FLUX MEASUREMENTS IN HIGHLY REFLECTED URANIUM-235-BISMUTH-GRAPHITE CRITICAL EXPERIMENTS
2007	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	TANSAO, 04, 305	61-11-00	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES
700	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES
347	ENGELDER, T. C. / SNIDOW, N. L. / ROBERTS, D. M. / FAIRBURN, G. T. / ROY, D. H.	BAW-1283	63-00-00	MEASUREMENTS OF K(INF) AND OTHER PARAMETERS IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

ENGELDER, T. C. (CONTD.)

628	ENGELDER, T. C. / CLARK, R. H. / BALDWIN, M. N. / DEROCHÉ, E. J. / FAIRBURN, G. T. / HALLAM, J. W.	BAW-1273	63-11-00	MEASUREMENTS AND ANALYSIS OF UNIFORM LATTICE OF SLIGHTLY ENRICHED URANIUM DIOXIDE MODERATED BY HEAVY WATER-WATER MIXTURES
-----	--	----------	----------	---

ENGELMANN, P.

965	ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G.	ANL-7320, 725-733	66-10-10	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
967	ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D.	ANL-7320, 759-775	66-10-10	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
1920	CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER-HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIKOFF, O. / VIDAL, R. / WITTEK, G.	TANSAO, 13, 292-293	70-06-00	JOINT EXPERIMENTS ON MASURCA, ERMINE, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.

ENGESSER, F. C.

877	ENGESSER, F. C. / LILLEY, J. R.	HW-55879, 16-23	58-04-29	PLUTONIUM SPIKE ENRICHMENT
878	LILLEY, J. R. / ENGESSER, F. C.	HW-55879, 24-25	58-04-29	K(INF) MEASUREMENTS FOR A THREE PIECE, ANNULAR URANIUM DIOXIDE FUEL ELEMENT IN AN 8 INCH TRIANGULAR HEAVY WATER LATTICE

ENGSTROM, S. L.

1921	BENNETT, R. A. / ENGSTROM, S. L. / NELSON, J. V. / YOUNG, W. R.	TANSAO, 13, 291	70-06-00	STATISTICALLY SIGNIFICANT BIASES IN THE FTR NEUTRONICS MODEL.
1816	ENGSTROM, S. L. / BENNETT, R. A.	HEDL-TME-71-41	71-05-00	ANALYSIS OF FTR PHASE B CRITICAL EXPERIMENTS. PART 4. ZPR-3 ASSEMBLY 56B.

ERKMAN, J. O.

13	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24514 (DEL)	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS
1077	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24512	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS

ERNST, B. B.

649	SCHUSKE, C. L. / ERNST, B. B. / KING, H. W.	RFP-0315	63-05-29	EMPIRICAL ANALYSIS OF CRITICAL BARE ARRAYS OF CYLINDERS OF ENRICHED URANIUM NITRATE
131	ERNST, B. B. / RISLEY, G. G. / TUCK, G.	RFP-0684, 005-006	66-02-04	METAL PARTS TEST.. PUBLISHED IN NUCLEAR SAFETY RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT FOR JULY, AUGUST, AND SEPTEMBER 1965, EDITED BY SCHUSKE, C. L.
807	ERNST, B. B.	RFP-1017	67-09-06	CRITICAL MASSES OF OIL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES WITH POLYURETHANE CENTERS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

ERNST, B. B. (CONTD.)

1164	ERNST, B. B. / TUCK, G.	RFP-1025	67-11-06	CRITICAL MASSES OF SPHERICAL AND
HEMISPHERICAL STEEL-MODERATED, OIL-
REFLECTED ENRICHED URANIUM ASSEMBLIES
15	COONFIELD, D. C. / TUCK,
G. / CLARK, H. E. / ERNST,
B. B.	RFP-1033	67-11-07	CRITICAL MASSES OF STEEL-MODERATED,
ENRICHED URANIUM METAL ASSEMBLIES WITH
COMPOSITE STEEL-OIL REFLECTORS
1354	COONFIELD, D. C. / TUCK,
G. / CLARK, H. E. / ERNST,
B. B.	NSENAO, 39, 320-328	70-03-00	CRITICAL MASS IRREGULARITY OF STEEL-
MODERATED ENRICHED URANIUM METAL ASSEMBLIES
WITH COMPOSITE STEEL-OIL REFLECTORS

ESTES, B. F.

1712	ESTES, B. F. / MORRIS, F.
M. / PHILBIN, J. S. | SLA-74-0271 | 75-02-00 | CRITICALITY EVALUATION OF THE ACPR FUEL-
ELEMENT STORAGE RACK |
|------|--|-------------|----------|--|

ET AL

287	CROCKER, V. S. / ET AL	AERE-CR/R-1182	59-00-00	CRITICAL ASSEMBLIES OF PLUTONIUM NITRATE
SOLUTIONS
336	BLOKHIN, G. E. /
BLOKHINTSEV, D. I. /
BLYUMKINA, YU. A. /
BONDARENKO, I. I. /
DERYAGIN, B. I. /
ZAIMOVSKII, A. S. / ET AL	ATOMK., 10, 437	61-00-00	A FAST NEUTRON BURST REACTOR
1491	INOUE, K. / KATO, W. Y.
/ SUMITA, K. / IIZUMI, M.
/ NISHIMURA, K. /
KANEKO, Y. / KOBAYASHI,
S. / ET AL	TANSAO, 04, 056-057	61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE
SEMIHOMOGENEOUS CRITICAL ASSEMBLY
865	ALEKSENKO, U. N. /
BUINITSKAYA, V. I. /
ZASLAVSKII, V. V. /
ZVONOV, N. V. / ET AL	AECL-2330, 218-232	64-00-00	CRITICAL EXPERIMENTS WITH THE ORGANIC
COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS OIL
588	BONDARENKO, I. I. /
KAZACHKOVSKII, O. D. /
ABAGYAN, L. P. / ABORIN,
YU. S. / BAZAZYANTS, N.
O. / ET AL	GENEVA-3, 06, 152-
169	64-09-00	EXPERIMENTAL STUDIES ON FAST-NEUTRON
REACTOR PHYSICS
405	DUBOVSKII, B. G. / ET AL	IAEA-STOCK.-1965,
267-278	65-11-00	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF
URANYL NITRATE AND INTERACTION OF
SUBCRITICAL HOMOGENEOUS REACTORS

F

FAIRBURN, G. T.

347	ENGELDER, T. C. / SNIDOW,
N. L. / ROBERTS, D. M.
/ FAIRBURN, G. T. / ROY,
D. H.	BAW-1283	63-00-00	MEASUREMENTS OF K(INF) AND OTHER PARAMETERS
IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE
628	ENGELDER, T. C. / CLARK,
R. H. / BALDWIN, M. N. /
DEROCHE, E. J. /
FAIRBURN, G. T. / HALLAM,
J. W.	BAW-1273	63-11-00	MEASUREMENTS AND ANALYSIS OF UNIFORM
LATTICE OF SLIGHTLY ENRICHED URANIUM
DIOXIDE MODERATED BY HEAVY WATER-WATER
MIXTURES

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

FAIRBURN, G. T. (CONTD.)

1369	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-12	69-06-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT JANUARY - MARCH 1969
1368	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-14	69-09-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969
1889	FAIRBURN, G. T. / PETTUS, W. G. / SNIDOW, N. L.	BAW-1357	70-08-00	PLUTONIUM LATTICE EXPERIMENT IN UNIFORM LATTICE OF URANIUM-DIOXIDE/1.5%-PLUTONIUM- DIOXIDE FUEL

FARRARR, J. P.

2033	ENGELDER, T. C. / GIESLER, H. W. / FARRARR, J. P.	TANSAO, 02, 2, 168- 169	59-06-00	REACTIVITY AND FLUX MEASUREMENTS IN HIGHLY REFLECTED URANIUM-235-BISMUTH-GRAPHITE CRITICAL EXPERIMENTS
------	---	----------------------------	----------	--

FEHR, E. B.

1479	ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A.	TANSAO, 06, 223-225	63-11-00	RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES
------	--	---------------------	----------	---

FEIN, E.

2001	KLANN, P. G. / DECHAND, C. O. / FEIN, E. / WRIGHT, W. B.	TANSAO, 04, 298-299	61-11-00	CRITICAL EXPERIMENTS WITH LOW ENRICHED DOUBLE ANNULAR SUPERHEATER FUEL ELEMENTS IN LIGHT WATER AND THEIR ANALYSIS
------	--	---------------------	----------	---

FEINER, F.

2046	FEINER, F. / WEINSTEIN, S. / OAKS, W. C. / COOPER, K. V.	TANSAO, 05, 344-345	62-11-00	PRECISE CRITICALITY DETERMINATIONS IN THE SOLID HOMOGENEOUS ASSEMBLY
1995	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	IAEA-AMST.-1963, 2, 391-445	63-09-00	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS
1478	WEINSTEIN, S. / FEINER, F.	TANSAO, 06, 221	63-11-00	REACTIVITY WORTH OF TRANSVERSE GAPS
1877	RYDIN, R. A. / BURKE, J. / FEINER, F. / SEEMANN, K. W. / STACEY, W. M.	KAPL-P-3847	69-00-00	STATIC MEASUREMENTS PREPARATORY TO SPACE- TIME KINETICS EXPERIMENTS IN THE SHA.

FELD, B. T.

1451	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL
157	FELD, B. T. / SLOTIN, S. L.	LA-0272	45-05-14	CRITICAL MASS OF A WATER TAMPED PLUTONIUM- 239 SOLUTION
2049	FELD, B. T.	LA-0309	45-06-14	SUMMARY OF KNOWN CRITICAL MASSES OF URANIUM- 235 AND PLUTONIUM-239

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

FERMI, E.

1449	FERMI, E.	AECD-3269	52-01-04	EXPERIMENTAL PRODUCTION OF A DIVERGENT CHAIN REACTION
------	-----------	-----------	----------	---

FIEG, G.

917	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK
-----	--	-------------------	----------	--

FIEGEL, A.

282	CAIZERGUES, R. / FIEGEL, A. / ITHURRALDE, M. F.	IAEA-STOCK.-1965, 249-266	65-11-00	INTERPRETATION OF EXPERIMENTAL RESULTS OBTAINED AT THE VALDUC CRITICALITY STATION
-----	--	---------------------------	----------	---

FIELD, H. C.

2042	ZWETZIG, G. B. / BELLER, L. S. / FIELD, H. C. / MOUNTFORD, L. A. / TUTTLE, R. J.	TANSAO, 02, 2, 085-086	59-11-00	INITIAL EXPERIMENTS WITH THE ORGANIC-MODERATED REACTOR CRITICAL ASSEMBLY
468	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

FIENO, D.

2092	FIENO, D. / FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-5487	69-10-00	ANALYSIS AND EXPERIMENTS WITH A PULSED NEUTRON SOURCE FOR AN UNREFLECTED SOLUTION REACTOR UP TO 50 DOLLARS SHUTDOWN
2090	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TN-D-5956	70-08-00	PULSED-NEUTRON-SOURCE STUDIES WITH THE NASA ZERO POWER REACTOR II
1991	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TM-X-2381	71-09-00	CRITICALITY STUDY OF NASA SOLUTION REACTORS WITH 25.4 CENTIMETER- DIAMETER CYLINDRICAL STAINLESS-STEEL TANKS

FIKE, H. R.

1492	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	TANSAO, 04, 103-104	61-06-00	NATURAL URANIUM-HEAVY-WATER BUCKLINGS OVER AN EXTENDED RANGE OF PITCH AND FUEL ASSEMBLY SIZE
1053	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 12, 341-347	62-03-00	EXPERIMENTAL BUCKLINGS OF HEAVY WATER MODERATED LATTICES OF NATURAL URANIUM METAL ROD CLUSTERS
1030	GRAVES, W. E. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 16, 186-195	63-06-00	EXPERIMENTAL BUCKLINGS AND VOID EFFECTS IN HEAVY WATER LATTICES OF NATURAL URANIUM OXIDE ROD CLUSTERS

FILGES, S.

1572	DRUEKE, V. / FILGES, S. / KIRCH, N. / NEEF, R. D.	NSENAO, 57, 328-332	75-08-00	EXPERIMENTAL AND THEORETICAL STUDIES OF CRITICALITY SAFETY BY INGRESS OF WATER IN SYSTEMS WITH PEBBLE-BED HIGH-TEMPERATURE GAS-COOLED REACTOR FUEL
------	--	---------------------	----------	--

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

FILLMORE, F. L.

912	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	ANL-7320, 080-087	66-10-10	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES
-----	--	-------------------	----------	--

FINKE, R. G.

255	GOLDBERG, E. / FINKE, R. G. / REYNOLDS, H. L.	TANSAO, 03, 071-072	60-06-00	HIGH TEMPERATURE GRAPHITE CRITICAL EXPERIMENTS
254	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	TANSAO, 03, 334-335	60-12-00	HIGH TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENTS
51	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	UCRL-6329	61-03-21	SUMMARY REPORT ON A HIGH-TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENT
25	FINKE, R. G.	UCRL-6504	61-06-06	PRELIMINARY RESULTS OF HIGH-TEMPERATURE BARE URANIUM-235-CARBON CRITICAL ASSEMBLY MEASUREMENTS
60	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	UCRL-6673	61-10-27	A COOLED-REFLECTOR, HOT-BERYLLIUM-OXIDE-CORE CRITICAL EXPERIMENT

FINN, H. F.

850	HARTFIELD, R. A. / FINN, H. F. / NEWHOLD, R. J. / VOLLMER, R. H.	TANSAO, 03, 109	60-06-00	CRITICAL EXPERIMENTS IN SLAB GEOMETRIES
2018	FINN, H. F. / PIERCE, G. A.	TANSAO, 11, 379-380	68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 2
985	FINN, H. F. / PRUVOST, N. L.	CONF-680909, 108-112	68-09-23	LIVERMORE PLUTONIUM ARRAY PROGRAM
2027	FINN, H. F. / PIERCE, G. A. / PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 674	68-11-00	EFFECT OF UNIT CELL SHAPE VARIATION IN A CRITICAL ARRAY OF PLUTONIUM METAL PARTS
1817	FINN, H. F. / PRUVOST, N. L. / KOLAR, O. C. / PIERCE, G. A.	UCRL-51041	71-05-10	SUMMARY OF EXPERIMENTALLY DETERMINED PLUTONIUM ARRAY CRITICAL CONFIGURATIONS
1587	KOLAR, O. C. / FINN, H. F. / PRUVOST, N. L.	NUTYBB, 29, 057-072	76-04-00	LIVERMORE PLUTONIUM ARRAY PROGRAM: EXPERIMENTS AND CALCULATIONS

FISCHER, E. A.

1708	FISCHER, E. A. / MC GRATH, P. E.	EURFNR-1193	74-03-00	PHYSICS INVESTIGATIONS OF TWO PLUTONIUM-FUELED FAST CRITICAL ASSEMBLIES: SNEAK-7A AND 7B
1508	FISCHER, E. A.	NSENAO, 62, 105-116	77-01-00	INTEGRAL MEASUREMENTS OF THE EFFECTIVE DELAYED NEUTRON FRACTIONS IN THE FAST CRITICAL ASSEMBLY SNEAK

FISCHER, G. J.

2088	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5
------	--	-----------------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

FISCHER, G. J. (CONTD.)
1063 FISCHER, G. J.

NSENAO, 07, 355-362 60-04-00 NEUTRON ENERGY SPECTRUM MEASUREMENTS IN UNMODERATED ASSEMBLIES

FISCHER, P. U.

1992 BARDES, R. G. / BROWN, J. IAEA-AMST.-1963, 3, 63-09-00 HIGH-TEMPERATURE, GAS-COOLED REACTOR
R. / DRAKE, M. K. / 035-061 CRITICAL EXPERIMENT AND ITS APPLICATION
FISCHER, P. U. / POUND,
D. C. / SAMPSON, J. B. /
STEWART, H. B.

FLEISCHMAN, R. M.

1633 DAUGHTRY, J. W. / POND, TANSAO, 14, 024-025 71-06-00 FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL
R. B. / FLEISCHMAN, R. M. PROGRAM.
/ SWANSON, C. S. /
RUSCH, G. K. / KIER, P.
H.

FOELL, W. K.

967 ENGELMANN, P. / BOHME, R. ANL-7320, 759-775 66-10-10 INITIAL EXPERIMENTS IN THE KARLSRUHE FAST
/ BRUHN, G. / DURAND-SMET, CRITICAL FACILITY, SNEAK
R. / FOELL, W. K. /
HABERMANN, F. W. A. /
SCHRODER, R. / WINTZER, D.

FORD, C. H.

2091 FOX, T. A. / MUELLER, R. NASA-TN-D-3555 66-08-00 CRITICAL MASS STUDIES WITH THE NASA ZERO
A. / FORD, C. H. POWER REACTOR II. II- HETEROGENEOUS ARRAYS
OF CYLINDRICAL VOIDS
2092 FIENO, D. / FOX, T. A. / NASA-TN-D-5487 69-10-00 ANALYSIS AND EXPERIMENTS WITH A PULSED
MUELLER, R. A. / FORD, C. NEUTRON SOURCE FOR AN UNREFLECTED SOLUTION
H. REACTOR UP TO 50 DOLLARS SHUTDOWN

FORD, W. E.

1724 FORD, W. E. / WESTFALL, TANSAO, 22, 290-291 75-11-00 A 218 NEUTRON GROUP MASTER CROSS SECTION
R. M. / WEBSTER, C. C. LIBRARY FOR CRITICALITY SAFETY STUDIES

FORRESTER, R. J.

1630 KAISER, R. E. / AMUNDSON, TANSAO, 14, 019-020 71-06-00 MEASUREMENT AND ANALYSIS OF SPACE-DEPENDENT
P. I. / FORRESTER, R. J. / PARAMETERS IN A DEMONSTRATION PLANT
NEWMARK, B. BENCHMARK CRITICAL.

FOSSOUL, E.

820 DEBRUE, J. / MEWISSEN, L. EURAEC-1882 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED
/ MOTTE, F. / BASSELIER, OUT ON 5 PERCENT ENRICHED WATER/URANIUM
J. / DELRUE, R. / DIOXIDE LATTICES
FOSSOUL, E. / HAUBERT, N.
/ LAMOTTE, H. /
STIEVENART, M. / VAN
DEYCK, D.
2052 DEBRUE, J. / MEWISSEN, L. EURAEC-1882(ANNEX) 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED
/ MOTTE, F. / BASSELIER, OUT ON 5 PERCENT ENRICHED WATER/URANIUM
J. / DELRUE, R. / DIOXIDE LATTICES
FOSSOUL, E. / HAUBERT, N.
/ LAMOTTE, H. /
STIEVENART, M. / VAN
DEYCK, D.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

FOX, J. K.

79	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MACKLIN, R. L. / MORFITT, J. W.	K-0406	49-11-28	CRITICAL MASS STUDIES, PART-4
71	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W.	K-0643	50-06-30	CRITICAL MASS STUDIES, PART-5
235	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	Y-0801 (DEL.)	51-08-00	CRITICAL MASS STUDIES, PART-6
867	FOX, J. K. / MARABLE, J. H.	ORNL-1715, 13-14	54-07-14	CRITICALITY DATA FOR URANIUM-ALUMINUM SLUG LATTICES IN WATER
363	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	ORNL-1992	55-00-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235
369	FOX, J. K. / GILLEY, L. W.	ORNL-CF-56-2-63	56-02-07	CRITICAL PARAMETERS OF A PROTON MODERATED AND PROTON REFLECTED SLAB OF URANIUM-235
1092	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	NSENAO, 01, 020-032	56-03-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235
76	FOX, J. K. / GILLEY, L. W.	ORNL-CF-56-7-148	56-07-30	PRELIMINARY REPORT OF CRITICAL EXPERIMENTS IN SLAB GEOMETRY
205	FOX, J. K. / GILLEY, L. W.	ORNL-2081, 61	56-11-05	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-235
368	FOX, J. K. / GILLEY, L. W.	ORNL-2389	58-00-00	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM-235
371	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-39	58-00-00	SOME STUDIES OF WATER, STYROFOAM AND PLEXIGLAS REFLECTORS
49	FOX, J. K. / GILLEY, L. W. / CALLIHAN, A. D.	ORNL-2367	58-03-04	CRITICAL MASS STUDIES, PART-9: AQUEOUS URANIUM-235 SOLUTIONS (CONTINUED)
165	FOX, J. K. / GILLEY, L. W. / MARABLE, J. H.	NSENAO, 03, 694-697	58-06-00	CRITICAL PARAMETERS OF A PROTON-MODERATED AND PROTON-REFLECTED SLAB OF URANIUM-235
372	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-8-5	58-08-01	CRITICAL PARAMETERS FOR POISONED ANNULAR CYLINDERS CONTAINING AQUEOUS SOLUTIONS OF URANIUM-235
1970	FOX, J. K. / MIHALCZO, J. T. / GILLEY, L. W.	ORNL-CF-58-8-3	58-08-03	CRITICAL EXPERIMENTS WITH 2.09% URANIUM-235 ENRICHED URANIUM METAL PLATES IN WATER
1971	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-40	58-10-02	CRITICAL EXPERIMENTS WITH ARRAYS OF ORR AND BSR FUEL ELEMENTS
164	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	ORNL-2609	58-10-29	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY
163	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	ORNL-2842	59-09-00	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY
111	FOX, J. K. / GILLEY, L. W. / ROHRER, E. R.	ORNL-2143	59-09-23	CRITICAL MASS STUDIES, PART-8 AQUEOUS SOLUTIONS OF URANIUM-233
868	FOX, J. K.	ORNL-3193	61-09-01	CRITICAL PARAMETERS OF SOLUTIONS OF URANIUM-235 ENRICHED URANYL NITRATE IN CYLINDRICAL CONTAINERS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

FOX, J. K. (CONTD.)

2093	GILLEY, L. W. / CRONIN, D. F. / FOX, J. K. / THOMAS, J. T.	ORNL-4193, 159-167	61-10-00	CRITICAL ARRAYS OF NEUTRON-INTERACTING UNITS
1978	FOX, J. K. / GILLEY, L. W.	ORNL-3272	62-05-28	CRITICAL MASS STUDIES: PART XI. CRITICAL PARAMETERS OF URANIUM-ALUMINUM ALLOY SLUGS
2096	FOX, J. K. / THOMAS, J. T.	ORNL-3360, 35-36	62-09-00	CRITICAL EXPERIMENTS WITH MIXTURES OF AQUEOUS URANIUM-235-ENRICHED URANYL NITRATE SOLUTIONS AND BOROSILICATE GLASS RINGS
1695	JOHNSON, E. B. / FOX, J. K.	ORNL-TM-0264	62-09-18	CRITICAL MASS STUDIES. PART XII. ROVER REACTOR FUEL ELEMENTS
375	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	ORNL-TM-0499	63-02-06	CRITICAL MASS STUDIES - PART 13. BOROSILICATE GLASS RASCHIG RINGS IN AQUEOUS URANYL NITRATE SOLUTIONS
1473	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	TANSAO, 06, 171-172	63-11-00	THE EFFECT OF BOROSILICATE GLASS RASCHIG RINGS ON THE CRITICALITY OF AQUEOUS URANYL NITRATE SOLUTIONS
616	FOX, J. K.	TANSAO, 09, 133	66-06-00	ACCURACY OF REACTOR CODES FOR CRITICALITY CALCULATIONS ON ARRAYS OF FUEL ELEMENTS IN WATER WITH VARIOUS WATER GAPS
104	FOX, J. K.	IN-1120	67-09-00	COMPARISON OF ORNL CLEAN CRITICAL EXPERIMENTS WITH CALCULATIONS
1927	FOX, J. K.	TANSAO, 13, 383	70-06-00	COMPARISONS OF EXPERIMENT WITH CALCULATIONS FOR STRONGLY ABSORBING ROD LATTICES.

FOX, P. B.

1466	CROSS, N. F. / WESTFALL, R. M. / TURNBULL, K. R. / FOX, P. B.	TANSAO, 27, 406-407	77-11-00	VALIDATION OF CRITICALITY SAFETY BROAD-GROUP LIBRARY USING URANIUM SYSTEMS
------	---	---------------------	----------	--

FOX, R. H.

58	BENSON, G. M. / FOX, R. H.	UCRL-6901	62-06-30	ROOM TEMPERATURE CRITICAL MEASUREMENTS ON THORIUM-LOADED, GRAPHITE-MODERATED, ORALLOY-FUELED SYSTEMS
----	----------------------------	-----------	----------	--

FOX, T. A.

2091	FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-3555	66-08-00	CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II- HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS
2092	FIENO, D. / FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-5487	69-10-00	ANALYSIS AND EXPERIMENTS WITH A PULSED NEUTRON SOURCE FOR AN UNREFLECTED SOLUTION REACTOR UP TO 50 DOLLARS SHUTDOWN
2090	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TN-D-5956	70-08-00	PULSED-NEUTRON-SOURCE STUDIES WITH THE NASA ZERO POWER REACTOR II
1991	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TM-X-2381	71-09-00	CRITICALITY STUDY OF NASA SOLUTION REACTORS WITH 25.4 CENTIMETER- DIAMETER CYLINDRICAL STAINLESS-STEEL TANKS
2089	FOX, T. A.	NASA-TM-X-2922	73-10-00	MOVABLE-MOLYBDENUM-REFLECTOR REACTIVITY EXPERIMENTS FOR CONTROL STUDIES OF COMPACT SPACE POWER REACTOR CONCEPTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

FRANTZ, F. S.

2076	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER
------	--	----------	----------	---

FRIEDLANDER, G.

1980	BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	LA-0134	44-09-04	WATER BOILER
------	--	---------	----------	--------------

FRISCH, O.

1366	FRISCH, O.	NUCL. NEWS 12, 30-32	69-04-00	THE DRAGON EXPERIMENT
------	------------	----------------------	----------	-----------------------

FROEHLICH, R.

491	BLAINE, R. / FROEHLICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	ANL-7416	68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY
-----	---	----------	----------	--

FURNEAUX, D.

744	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEW-R461	65-10-00	THE THIRD CORE OF ZEBRA
790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

FURNISH, JEAN

2114	FURNISH, JEAN	LA-3791	67-04-13	THE DATA OF NUCLEAR REACTOR PHYSICS. A BIBLIOGRAPHY
1878	FURNISH, JEAN	LA-4225	69-09-17	THE DATA OF NUCLEAR REACTOR PHYSICS, 1967-- 1968. A BIBLIOGRAPHY.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

G

GALLAGHER, J. G.

2065	GALLAGHER, J. G. /
GIESLER, H. W. / JOHNSON,
W. R. | APAE-MEMO-001 | 55-09-23 | CRITICAL MASS CALCULATION FOR APPR-1
CRITICAL EXPERIMENT |
|------|--|---------------|----------|---|

GARDNER, L. L.

59	MORTON, J. R. / SHON, F.
J. / WEIRICH, T. F. /
GARDNER, L. L.	UCRL-6729	62-01-02	REACTIVITY EFFECTS OF VARIOUS REFLECTORS ON
NEAR-HOMOGENEOUS, BERYLLIUM OXIDE MODERATED,
ORALLOY-FUELED SYSTEMS
62	PIOWATY, J. M. / MORTON,
J. R. / GARDNER, L. L.	UCRL-7262	63-02-27	COUPLING EFFECTS OF HAFNIUM CONTROL RODS IN
A NEAR-HOMOGENEOUS, BERYLLIUM-OXIDE-
MODERATED, ORALLOY-FUELED SYSTEM
57	MORTON, J. R. / PIOWATY,
J. M. / PETRUZZI, J. /
GARDNER, L. L.	UCRL-7686	64-02-05	A STUDY OF BERYLLIUM OXIDE MODERATED
CRITICAL ASSEMBLIES CONTAINING VARIOUS
METAL ABSORBERS
889	MORTON, J. R. / PIERCE,
G. A. / GARDNER, L. L. /
BALL, C. J.	UCRL-50175	66-12-22	SUMMARY REPORT OF CRITICAL EXPERIMENTS
PLUTONIUM ARRAY STUDIES, PHASE I

GARG, S. B.

1782	SHUKLA, V. K. / GARG, S.
B. | PROC. NUCL. PHYS.
SOLID STATE PHYS.
SYMP. BOMBAY (1968),
2, 412-415 | 68-12-00 | A 26 GROUP CROSS-SECTION SET AND THE
ANALYSIS OF ZPR-6 ASSEMBLY 4 Z |
|------|--------------------------------|--|----------|--|

GARLID, K. L.

367	RICHEY, C. R. / WHITE, J.
D. / CLAYTON, E. D. /
BIERMAN, S. R. / GARLID,
K. L. / SKEEN, D. R. | HW-79054 | 63-10-15 | CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-
POLYSTYRENE COMPACTS |
|-----|--|----------|----------|--|

GASIDLO, J. M.

85	HUBER, R. J. / LONG, J. K.
/ MC VEAN, R. L. /
GASIDLO, J. M.	ANL-6401	61-05-00	CRITICAL STUDIES OF A DILUTE CARBIDE FAST
REACTOR (CORE ZPR-3 ASSEMBLY 34)
82	GASIDLO, J. M. / LONG, J.
K. / MC VEAN, R. L.	ANL-6338	61-10-00	CRITICAL STUDIES OF A DILUTE FAST REACTOR
CORE (ZPR-3 ASSEMBLY 31)
80	MC VEAN, R. L. / AMUNDSON,
P. I. / BRUNSON, G. S. /
GASIDLO, J. M.	ANL-6713	63-04-00	CRITICAL STUDIES OF A SMALL URANIUM CARBIDE
FUELED REACTOR WITH A BERYLLIUM REFLECTOR
(ZPR-3 ASSEMBLY 40)
12	GASIDLO, J. M. / LONG, J.
K. / KEENEY, W. P.	ANL-6838	64-05-00	DOPPLER EFFECT MEASUREMENTS, SODIUM VOID
COEFFICIENTS, AND CRITICAL STUDIES OF A
5000-LITER FAST POWER BREEDER REACTOR BY
THE TWO-ZONE METHOD (ZPR-3 ASSEMBLY 43)
1487	BROOMFIELD, A. M. /
AMUNDSON, P. I. / DAVEY,
W. G. / GASIDLO, J. M. /
HESS, A. L. / KEENEY, W.
P. / LONG, J. K.	ANL-7320, 205-215	66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE
PLUTONIUM-FUELED ASSEMBLY
1768	MATLOCK, R. G. / KAISER,
R. E. / GASIDLO, J. M.	TANSAO, 12, 652-653	69-11-00	REACTIVITY EFFECTS IN CRITICAL FACILITIES
DUE TO FISSILE ISOTOPE DECAY.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

GASIDLO, J. M. (CONTD.)			
1862	STEVENSON, J. M./ GASIDLO, J. M./ ROGERS, V. C./ SIMONS, G. G./ VOSBURGH, R. O.	ANL-7695	70-04-00 EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.
1631	MENEGHETTI, D. / KEENEY, W. P. / VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	TANSAO, 14, 020-021	71-06-00 EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.
1829	HESS, A. L./ GASIDLO, J. M./ LONG, J. K./ AMUNDSON, P. I./ KEENEY, W. P.	ANL-6732	71-06-00 CRITICAL STUDIES OF A 440-LITER FAST- REACTOR CORE FUELED WITH URANIUM ENRICHED TO 17 PERCENT (ZPR-3 ASSEMBLY 41).
1963	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON C. D.	NSENAO, 45, 37-46	71-07-00 AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA
1834	KAISER, R. E./ GASIDLO, J. M./ LEHTO, W. K./ MADDISON, D. W./ VOSBURGH, R. O./ MOUNTFORD, L. A.	ANL-7882	71-11-00 EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.
GAST, P. F.			
1038	GAST, P. F.	GENEVA-1, 05, 288- 294	55-08-00 NORMAL URANIUM, GRAPHITE-MODERATED REACTORS: A COMPARISON OF THEORY AND EXPERIMENT-- WATER COOLED LATTICES
GAVIN, G. B.			
244	STEWART, H. B./ GAVIN, G. B.	KAPL-329, PART 1.	50-09-20 ACTIVATION EXPERIMENTS IN THE KAPL PRELIMINARY PILE ASSEMBLIES
GAYLORD, N. D.			
1939	SCHUSKE, C. L. / DICKINSON, D. / ROTHE, R. E. / OH, I. / GAYLORD, N. D.	RFP-NUREG-2622	77-02-00 REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, OCTOBER 1, 1976--DECEMBER 31, 1976
1434	SCHUSKE, C. L. / DICKINSON, D. / GAYLORD, N. D. / OH, I. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2660	77-05-00 REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1977, THROUGH MARCH 31, 1977)
1435	DICKINSON, D. / GAYLORD, N. D. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2690	77-09-00 REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD APRIL 1, 1977, THROUGH JUNE 30, 1977)
GAYTHER, D. B.			
133	COATES, M. S./ GAYTHER, D. B./ GOODE, P. D./ TRIPP, D. J.	AERE-R5330	68-01-00 TIME OF FLIGHT MEASUREMENTS OF THE NEUTRON SPECTRUM IN A SUBCRITICAL FAST REACTOR ASSEMBLY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

GEER, W. U.

7	HANSEN, G. E. / WOOD, D. P. / GEER, W. U.	NSENAO, 08, 588-594	60-12-00	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS
2016	GEER, W. U. / SMITH, D. R.	TANSAO, 11, 378	68-06-00	MEASUREMENT OF THE CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE
1959	SMITH, D. R. / GEER, W. U.	NUAPA, 07, 405-408	69-11-00	CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE

GELBARD, E. M.

2077	GELBARD, E. M.	WAPD-P-695	55-12-00	ANALYSIS OF DCTF CRITICALITY AND REACTIVITY DATA

GEMMELL, W.

607	HESS, A. L. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6336	60-11-00	CRITICAL STUDIES OF A 450-LITER URANIUM OXIDE FAST REACTOR CORE,
398	LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W.	IAEA-VIENNA-1961, 271-285	61-08-00	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS
81	GEMMELL, W.	TRG-301(D)	62-05-30	A SERIES OF SIMPLE DILUTE FAST REACTOR ASSEMBLIES
83	AMUNDSON, P. I. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6690	63-02-00	CRITICAL STUDIES OF URANIUM-STEEL AND URANIUM-STEEL-SODIUM FAST REACTOR CORES (ZPR-3 ASSEMBLIES 32 AND 33)

GIBSON, I. H.

1997	GIBSON, I. H. / WALKER, J.	IAEA-AMST.-1963, 1, 469-479	64-00-00	PULSED SOURCE MEASUREMENTS ON A URANIUM-WATER SUBCRITICAL ASSEMBLY

GIESLER, H. W.

2065	GALLAGHER, J. G. / GIESLER, H. W. / JOHNSON, W. R.	APAE-MEMO-001	55-09-23	CRITICAL MASS CALCULATION FOR APPR-1 CRITICAL EXPERIMENT
2066	GIESLER, H. W.	APAE-MEMO-061	56-11-07	RESULTS AND ANALYSIS OF THE APPR-1 ZERO POWER EXPERIMENTS. PART 1
2033	ENGELDER, T. C. / GIESLER, H. W. / FARRARR, J. P.	TANSAO, 02, 2, 168-169	59-06-00	REACTIVITY AND FLUX MEASUREMENTS IN HIGHLY REFLECTED URANIUM-235-BISMUTH-GRAPHITE CRITICAL EXPERIMENTS

GILBERT, W. S.

68	SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5006	57-11-15	CRITICAL MEASUREMENTS ON INTERMEDIATE-ENERGY GRAPHITE-URANIUM-235 SYSTEMS
18	KIRSCHBAUM, A. J. / SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5043	57-12-10	STUDIES OF ENRICHED-URANIUM GRAPHITE SYSTEMS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

GILLESPIE, R. D.

2002	MILEY, G. H. / GILLESPIE, R. D. / POLLARD, J. W. / BISTLINE, J. A.	TANSAO, 04, 299-300	61-11-00	DESCRIPTION AND ANALYSIS OF SOME "OVER-MODERATED" CRITICAL EXPERIMENTS FROM 68-550 DEGREES FARENHEIT

GILLETTE, E. M.

900	BARDES, R. G. / GILLETTE, E. M. / NIRSCHL, R. J. / TRAYLOR, R. C.	TANSAO, 10, 198	67-06-00	EXPERIMENTAL AND ANALYTICAL DETERMINATION OF THE REACTIVITY WORTHS OF URANIUM-233, URANIUM-235, URANIUM-236 AND NEPTUNIUM-237 SAMPLES IN A SERIES OF URANIUM-235-GRAPHITE CRITICAL ASSEMBLIES

GILLEY, L. W.

196	GILLEY, L. W. / CRONIN, D. F. / HARNES, V. G.	ORNL-1715, 12	54-07-14	BORON POISONING IN CRITICAL SLABS
856	GILLEY, L. W.	ORNL-1926, 08-09	55-09-07	EFFECT OF CONCRETE AS A NEUTRON REFLECTOR
369	FOX, J. K. / GILLEY, L. W.	ORNL-CF-56-2-63	56-02-07	CRITICAL PARAMETERS OF A PROTON MODERATED AND PROTON REFLECTED SLAB OF URANIUM-235
76	FOX, J. K. / GILLEY, L. W.	ORNL-CF-56-7-148	56-07-30	PRELIMINARY REPORT OF CRITICAL EXPERIMENTS IN SLAB GEOMETRY
205	FOX, J. K. / GILLEY, L. W.	ORNL-2081, 61	56-11-05	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-235
368	FOX, J. K. / GILLEY, L. W.	ORNL-2389	58-00-00	CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM-235
371	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-39	58-00-00	SOME STUDIES OF WATER, STYROFOAM AND PLEXIGLAS REFLECTORS
49	FOX, J. K. / GILLEY, L. W. / CALLIHAN, A. D.	ORNL-2367	58-03-04	CRITICAL MASS STUDIES, PART-9: AQUEOUS URANIUM-235 SOLUTIONS (CONTINUED)
165	FOX, J. K. / GILLEY, L. W. / MARABLE, J. H.	NSENAO, 03, 694-697	58-06-00	CRITICAL PARAMETERS OF A PROTON-MODERATED AND PROTON-REFLECTED SLAB OF URANIUM-235
372	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-8-5	58-08-01	CRITICAL PARAMETERS FOR POISONED ANNULAR CYLINDERS CONTAINING AQUEOUS SOLUTIONS OF URANIUM-235
1970	FOX, J. K. / MIHALCZO, J. T. / GILLEY, L. W.	ORNL-CF-58-8-3	58-08-03	CRITICAL EXPERIMENTS WITH 2.09% URANIUM-235 ENRICHED URANIUM METAL PLATES IN WATER
1971	FOX, J. K. / GILLEY, L. W.	ORNL-CF-58-9-40	58-10-02	CRITICAL EXPERIMENTS WITH ARRAYS OF ORR AND BSR FUEL ELEMENTS
164	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	ORNL-2609	58-10-29	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY
163	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	ORNL-2842	59-09-00	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY
111	FOX, J. K. / GILLEY, L. W. / ROHRER, E. R.	ORNL-2143	59-09-23	CRITICAL MASS STUDIES, PART-8 AQUEOUS SOLUTIONS OF URANIUM-233
1485	GILLEY, L. W. / THOMAS, J. T.	TANSAO, 04, 054-055	61-06-00	CRITICAL ARRAYS OF NEUTRON INTERACTING UNITS.
2093	GILLEY, L. W. / CRONIN, D. F. / FOX, J. K. / THOMAS, J. T.	ORNL-4193, 159-167	61-10-00	CRITICAL ARRAYS OF NEUTRON-INTERACTING UNITS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

GILLEY, L. W. (CONTD.)

1978 FOX, J. K. / GILLEY, L. W.

ORNL-3272

62-05-28 CRITICAL MASS STUDIES: PART XI, CRITICAL PARAMETERS OF URANIUM-ALUMINUM ALLOY SLUGS

GIROUSSE, A.

291 BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.

GENEVA-2, 12, 539-562

58-09-00 PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM

GLAZKOV, Y. Y.

467 KRASNIN, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHEMKOV, A. P.

GENEVA-2, 12, 571-579

58-09-00 PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR

GOIN, R. W.

951 MC VEAN, R. L. / GOIN, R. W. / WEITZBERG, A. / LERIDON, A. M. / KREMSER, J.

ANL-7320, 560-568

66-10-10 CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3

GOLD, R.

942 BENNETT, E. F. / GOLD, R. / HUBER, R. J.

ANL-7320, 477-480

66-10-10 SPECTRUM MEASUREMENTS IN A LARGE DILUTE PLUTONIUM FUELED FAST REACTOR

GOLDBERG, E.

255 GOLDBERG, E. / FINKE, R. G. / REYNOLDS, H. L.

TANSAO, 03, 071-072

60-06-00 HIGH TEMPERATURE GRAPHITE CRITICAL EXPERIMENTS

333 GOLDBERG, E. / KLOVERSTROM, F. A.

TANSAO, 03, 213-214

60-06-00 RESONANCE ABSORPTION OF NEUTRONS IN THICK SHEETS OF MOLYBDENUM

254 FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.

TANSAO, 03, 334-335

60-12-00 HIGH TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENTS

256 GOLDBERG, E. / KLOVERSTROM, F. A. / KRAFT, D. E.

TANSAO, 03, 331-332

60-12-00 CRITICAL EXPERIMENTS INVOLVING GAPS IN SIMPLE CONFIGURATIONS

51 FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.

UCRL-6329

61-03-21 SUMMARY REPORT ON A HIGH-TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENT

60 FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.

UCRL-6673

61-10-27 A COOLED-REFLECTOR, HOT-BERYLLIUM-OXIDE-CORE CRITICAL EXPERIMENT

GOLDSMITH, M.

2075 VOORHIS, A. D. / RYAN, T. M. / GOLDSMITH, M. / JONES, R. T.

WAPD-170

57-04-00 EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF ABSORBING MEMBRANES OF CADMIUM, GOLD, AND BORON

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

GOLDSMITH, M. (CONTD.)

502	STAUB, A./ HARRIS, D. R. / GOLDSMITH, M.	NSENAO, 34, 263-274	68-12-00	ANALYSIS OF A SET OF CRITICAL HOMOGENEOUS URANIUM-WATER SPHERES
-----	---	---------------------	----------	--

GOLOOBYEV, V. I.

404	NIKOLAYEV, M. N. / GOLOOBYEV, V. I. / ABAGYAN, A. A. / ORLOV, M. U.	IAEA-VIENNA-1961, 403-412	61-08-00	NEUTRON PROPAGATION IN THE NICKEL SCREEN OF FAST REACTOR.
-----	--	------------------------------	----------	--

GONCHOROV, R. K.

467	KRASNIN, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHEMKOV, A. P.	GENEVA-2, 12, 571- 579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR
-----	--	---------------------------	----------	--

GOODE, P. D.

133	COATES, M. S./ GAYTHER, D. B./ GOODE, P. D./ TRIPP, D. J.	AERE-R5330	68-01-00	TIME OF FLIGHT MEASUREMENTS OF THE NEUTRON SPECTRUM IN A SUBCRITICAL FAST REACTOR ASSEMBLY
-----	---	------------	----------	--

GOODFELLOW, H.

73	MC TAGGART, M. H. / GOODFELLOW, H./ PATERSON, W. J./ WEALE, J. W.	AWRE-R5/66	66-07-00	INTERIM REPORT ON URANIUM-FUELED VERA REACTOR EXPERIMENTS
301	MC TAGGART, M. H. / GOODFELLOW, H./ PATERSON, W. J./ WEALE, J. W.	AWRE-R4/63	74-06-00	INTERIM REPORT ON THE VERA URANIUM- 235/GRAPHITE REACTOR EXPERIMENT

GOODJOHN, A. J.

1269	GOODJOHN, A. J./ JOANOU, G. D./ WIKNER, N. F.	TANSAO, 05, 367-368	62-11-00	ON THE PHYSICS OF SEMI-HOMOGENEOUS GRAPHITE URANIUM-235 REACTORS
------	--	---------------------	----------	---

GOODWIN, A.

1113	SCHUSKE, C. L./ ARTHUR, M. G./ GOODWIN, A./ NICKEL, A. N./ SMITH, D. F.	RFP-0089	57-11-27	SUBCRITICAL MEASUREMENTS ON PARALLELEPIPEDS CONTAINING URANIUM-235 AND SALT EUTECTIC
200	GOODWIN, A. / SCHUSKE, C. L.	RFP-0123	58-09-29	PLUTONIUM GRAPHITE ASSEMBLIES
199	GOODWIN, A. / SCHUSKE, C. L.	RFP-0158	59-08-10	PLUTONIUM GRAPHITE ASSEMBLIES - PART-2
181	SCHUSKE, C. L./ GOODWIN, A. / BIDINGER, G. H./ SMITH, D. F.	RFP-0174	59-12-28	INTERACTION OF TWO METAL SLABS OF PLUTONIUM IN PLEXIGLASS
170	SCHUSKE, C. L. / BIDINGER, G. H. / GOODWIN, A. / SMITH, D. F.	RFP-0178	60-01-20	PLUTONIUM PLEXIGLAS ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

GOODWIN, A. (CONTD.)

1987	GOODWIN, A. / SCHUSKE, C. L. / BIDINGER, G. H.	RFP-0182	60-01-26	CRITICALITY STUDIES OF ENRICHED URANIUM METAL IN URANYL NITRATE SOLUTIONS
330	GOODWIN, A. / SCHUSKE, C. L.	JAABA, 15, 120-129	61-00-00	PLEXIGLAS AND GRAPHITE MODERATED PLUTONIUM ASSEMBLIES

GOURDON, CH.

591	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585-606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES

GOURDON, J.

127	STEVENS, L. / GOURDON, J.	CEA-R-3354	67-10-00	CRITICAL MASS, ROD WORTH VALUES, AND REACTIVITY COEFFICIENTS FOR RAPSODIE

GOZANI, T.

1365	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OUTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

GRAMMENS, G.

254	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	TANSAO, 03, 334-335	60-12-00	HIGH TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENTS
51	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	UCRL-6329	61-03-21	SUMMARY REPORT ON A HIGH-TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENT
60	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	UCRL-6673	61-10-27	A COOLED-REFLECTOR, HOT-BERYLLIUM-OXIDE-CORE CRITICAL EXPERIMENT

GRANYAN, C. E.

354	LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119-141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3

GRAVES, G. A.

89	PAXTON, H. C. / GRAVES, G. A.	LA-1958	56-05-00	CRITICAL MASSES OF FISSIONABLE METALS AS BASIC NUCLEAR SAFETY DATA
77	GRAVES, G. A. / PAXTON, H. C.	NUCLEONICS, 15, 090-092	57-06-00	CRITICAL MASSES OF ORALLOY ASSEMBLIES

GRAVES, W. E.

1030	GRAVES, W. E. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 16, 186-195	63-06-00	EXPERIMENTAL BUCKLINGS AND VOID EFFECTS IN HEAVY WATER LATTICES OF NATURAL URANIUM OXIDE ROD CLUSTERS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

GRAVES, W. E. (CONTD.)

2048	BENTON, F. D. / GRAVES, W. E.	TANSAO, 06, 053-054	63-06-00	MEASUREMENTS OF BUCKLINGS AND VOID EFFECTS IN HEAVY-WATER-MODERATED, ORGANIC- OR WATER-COOLED LATTICES OF URANIUM DIOXIDE ROD CLUSTERS
893	OLSON, R. L. / GRAVES, W. E.	TANSAO, 09, 181-182	66-06-00	CRITICAL EXPERIMENTS WITH HIGHLY BURNED-UP PLUTONIUM IN HEAVY WATER
571	GRAVES, W. E. / BENTON, F. D. / SATTERFIELD, R. M.	NSENAO, 31, 057-066	68-01-00	A COMPARISON OF HETEROGENEOUS NUCLEAR-REACTOR LATTICE THEORY WITH EXPERIMENT

GRAY, A. W.

652	GRAY, A. W. / JONES, L. L.	WAPD-TM-0933	70-03-00	AN ANALYTICAL STUDY OF THE MINIMUM CRITICAL MASS OF HIGHLY ENRICHED URANIUM-235 WHEN REFLECTED BY NATURAL URANIUM AND WATER MIXTURES IN OPTIMIZED LATTICES

GREEBLER, P.

911	GREEBLER, P. / GYOREY, G. L. / HUTCHINS, B. A. / SEGAL, B. M.	ANL-7320, 066-079	66-10-10	IMPLICATIONS OF RECENT FAST CRITICAL EXPERIMENTS ON BASIC FAST REACTOR DESIGN DATA AND CALCULATIONAL METHODS

GREEN, R. E.

1947	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY
633	GREEN, R. E. / BIGHAM, C. B.	AECL-1814	63-09-00	URANIUM DIOXIDE LATTICE - PARAMETER MEASUREMENTS IN ZED2
845	GREEN, R. E. / SERDULA, K. J. / BIGHAM, C. B.	TANSAO, 08, 253-254	65-06-00	EXPERIMENTAL LATTICE PARAMETERS FOR 28-ROD CLUSTERS OF NATURAL URANIUM DIOXIDE IN HEAVY WATER
782	SERDULA, K. J. / GREEN, R. E.	AECL-2516	65-10-00	LATTICE MEASUREMENTS WITH 19-ELEMENT NATURAL URANIUM METAL ASSEMBLIES. PART 1 - BUCKLINGS FOR A RANGE OF SPACINGS WITH HEAVY WATER AND HELIUM COOLANTS
890	GREEN, R. E. / KAY, R. E. / OKAZAKI, A. / CASINI, G. / METZDORF, H. J. / PAILLON, M.	TANSAO, 09, 123-124	66-06-00	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD CLUSTERS OF NATURAL URANIUM CARBIDE IN HEAVY WATER MODERATOR

GREENSPAN, H.

491	BLAINE, R. / FROEHLICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	ANL-7416	68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY

GREULING, E.

454	GREULING, E.	LA-0399	45-09-27	THEORY OF WATER-TAMPED WATER BOILER

GRIFONI, S.

833	RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

GROB, V. E.

680	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	YAE-142	59-11-30	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES
681	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	WCAP-1412	60-03-30	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER

GRUNDL, J.

407	GRUNDL, J. / USNER, A.	NSENAO, 08, 598-607	60-12-00	SPECTRAL COMPARISONS WITH HIGH ENERGY ACTIVATION DETECTORS

GRUNSON, G. S.

354	LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119-141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3

GUDERJAHN, C. A.

2083	BROWN, W. W. / CAMPBELL, R. W. / GUDERJAHN, C. A. / LAUBENSTEIN, R. A.	BNL-0489, 217-223	57-11-12	PHYSICS EXPERIMENTS PERFORMED FOR AND ON SODIUM GRAPHITE REACTORS
1493	GUDERJAHN, C. A.	TANSAO, 04, 104	61-06-00	HETEROGENEOUS URANIUM METAL-GRAPHITE CRITICAL EXPERIMENTS
468	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

GUENTHER, R. L.

468	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

GURIN, V. N.

692	DUBOVSKII, B. G. / KAMAIEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	GENEVA-3, 13, 254-263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

GUZZLE, T. L.

1480	CAMPBELL, R. W. / GUZZLE, T. L. / PASCHALL, R. K.	TANSAO, 04, 047-048	61-06-00	EXPONENTIAL EXPERIMENTS IN URANIUM-DIPHENYL LATTICES

GWIN, R.

377	GWIN, R. / TRUNBEY, D. K. / WEINBERG, A. M.	GENEVA-2, 12, 529-538	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF UNREFLECTED AQUEOUS URANIUM-235 CRITICAL ASSEMBLIES
164	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	ORNL-2609	58-10-29	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY
87	GWIN, R. / MEE, W. T.	Y-1248	59-03-26	CRITICAL ASSEMBLIES OF URANIUM METAL
163	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	ORNL-2842	59-09-00	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY
114	GWIN, R. / MAGNUSON, D. W.	ORNL-CF-60-40-12	60-09-16	CRITICAL EXPERIMENTS FOR REACTOR PHYSICS STUDIES

GYOREY, G. L.

911	GREEBLER, P. / GYOREY, G. L. / HUTCHINS, B. A. / SEGAL, B. M.	ANL-7320, 066-079	66-10-10	IMPLICATIONS OF RECENT FAST CRITICAL EXPERIMENTS ON BASIC FAST REACTOR DESIGN DATA AND CALCULATIONAL METHODS

H

HAAKE, E. V.

2069	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I.	NEPA-1769	51-04-51	NEPA CRITICAL EXPERIMENT FACILITY

HABERMANN, F. W. A.

965	ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G.	ANL-7320, 725-733	66-10-10	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
967	ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D.	ANL-7320, 759-775	66-10-10	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
1180	BORGWALDT, H. / EDELMANN, M. / HABERMANN, F. W. A. / KUBMAUL, G. / MEISTER, H. / SEIFRITZ, W. / STEGEMANN, D.	KFK-899	68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION

HAGGBLOM, H.

918	ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J.	ANL-7320, 159-185	66-10-10	EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HALL, R. J.

1540 HALL, R. J. / BIERMAN, S. TANSO, 18, 164-165 74-06-00 CALCULATION-EXPERIMENT CORRELATIONS ON
R. HOMOGENEOUS PLUTONIUM-URANIUM SYSTEMS

HALLAM, J. W.

628 ENGELDER, T. C. / CLARK, BAW-1273 63-11-00 MEASUREMENTS AND ANALYSIS OF UNIFORM
R. H. / BALDWIN, M. N. / LATTICE OF SLIGHTLY ENRICHED URANIUM
DEROCHE, E. J. / DIOXIDE MODERATED BY HEAVY WATER-WATER
FAIRBURN, G. T. / HALLAM, MIXTURES
J. W.
1425 PETERSEN, G. T. / KUNZE, ANL-7320, 195-204 66-10-10 RECENT FAST CRITICAL EXPERIMENTS IN THE
J. F. / WALL, I. B. / MSCA AND 710-CE
HALLAM, J. W. /
HENDERSON, W. B. /
WARZEK, F. G.

HANDLER, H. E.

646 HANDLER, H. E. HW-51168 57-07-01 EXPERIMENTS TO DETERMINE THE INFINITE
MULTIPLICATION FACTORS OF ENRICHED URANYL
FLUORIDE-WATER MIXTURES
879 LLOYD, R. C. / CLAYTON, E. HW-56919 58-07-21 CRITICALITY PARAMETERS FOR LATTICES WITH 1.
D. / HANDLER, H. E. 6 PERCENT ENRICHED URANIUM RODS IN LIGHT
WATER
166 NEELEY, V. I. / HANDLER, HW-70310 61-08-21 MEASUREMENT OF MULTIPLICATION CONSTANT FOR
H. E. SLIGHTLY ENRICHED HOMOGENEOUS URANIUM
TRIOXIDE - WATER MIXTURES AND MINIMUM
ENRICHMENT FOR CRITICALITY

HANDLEY, G. R.

1844 HANDLEY, G. R. / HOPPER, Y-1858 72-11-20 VALIDATION CHECKS OF THE "ANISN" AND "KENO"
C. M. CODES BY CORRELATION WITH EXPERIMENTAL DATA.
1702 HANDLEY, G. R. / HOPPER, Y-1948 74-06-13 VALIDATION OF THE KENO CODE FOR NUCLEAR
C. M. CRITICALITY SAFETY CALCULATIONS OF
MODERATED, LOW-ENRICHED URANIUM SYSTEMS

HANLEN, D. F.

472 DAVISON, P. W. / BERG, S. YAEC-094 59-04-01 YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS
S. / BERGMANN, W. H. / ON LATTICES OF STAINLESS STEEL CLAD
HANLEN, D. F. / JENNINGS, SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS
B. / LEAMER, R. D. / IN LIGHT WATER
HOWARD, J. E.
680 DAVISON, P. W. / GROB, V. YAEC-142 59-11-30 TWO REGION CRITICAL EXPERIMENTS WITH WATER
E. / HANLEN, D. F. / MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE
LEAMER, R. D. / RITZ, H. LATTICES
/ SANTANDREA, E.
681 GROB, V. E. / DAVISON, P. WCAP-1412 60-03-30 MULTI-REGION REACTOR LATTICE STUDIES
W. / HANLEN, D. F. / RESULTS OF CRITICAL EXPERIMENTS IN LOOSE
LEAMER, R. D. / KELLEY, LATTICES OF URANIUM DIOXIDE RODS IN WATER
F. L. / CLEARY, J. D.

HANNA, G. C.

2103 CRITOPH, E. / OKAZAKI, A. UK/C/5/103 56-10-22 MULTIPLE METAL ROD ASSEMBLIES IN ZEEP
/ HONE, D. W. /
TUNNICLIFFE, P. R. / DE
MILLE, G. R. / HANNA, G.
C.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

HANSEN, G. E.

41	ORNDOFF, J. D. / PAXTON, H. C. / HANSEN, G. E.	LA-1251	51-06-23	CRITICAL MASSES OF ORALLOY AT REDUCED CONCENTRATIONS AND DENSITIES
88	HANSEN, G. E. / WOOD, D. P.	LA-1356	52-02-01	PRECISION CRITICAL-MASS DETERMINATIONS FOR ORALLOY AND PLUTONIUM IN SPHERICAL TUBALLOY TAMPERS
26	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	LA-2141	57-10-11	BERYLLIUM-REFLECTED, GRAPHITE-MODERATED CRITICAL ASSEMBLIES
84	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	AECU-3604	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
2085	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	BNL-0489, 297-302	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
98	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	LA-2203	58-07-16	CRITICAL MASSES OF ORALLOY IN THIN REFLECTORS
324	HANSEN, G. E.	GENEVA-2, 12, 084-088	58-09-00	PROPERTIES OF ELEMENTARY FAST-NEUTRON CRITICAL ASSEMBLIES
9	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	NSENAO, 08, 570-577	60-12-00	CRITICAL PLUTONIUM AND ENRICHED-URANIUM-METAL CYLINDERS OF EXTREME SHAPE
7	HANSEN, G. E. / WOOD, D. P. / GEER, W. U.	NSENAO, 08, 588-594	60-12-00	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS
64	BARTON, D. M. / BERNARD, W. / HANSEN, G. E.	LAMS-2489	61-04-12	CRITICAL MASSES OF COMPOSITES OF ORALLOY AND PLUTONIUM-239-PLUTONIUM-240 IN FLATTOP GEOMETRY
344	HANSEN, G. E.	IAEA-VIENNA-1961, 445-455	61-08-00	STATUS OF COMPUTATIONAL AND EXPERIMENTAL CORRELATION FOR LOS ALAMOS FAST NEUTRON CRITICAL ASSEMBLIES
92	HANSEN, G. E. / WOOD, D. P. / PENA, B.	LAMS-2744	62-10-08	REFLECTOR SAVINGS OF MODERATING MATERIALS ON LARGE DIAMETER URANIUM SLABS, ENRICHED TO 93.2 PERCENT IN URANIUM-235
1220	HANSEN, G. E. / PAXTON, H. C.	LA-4208	69-09-00	RE-EVALUATED CRITICAL SPECIFICATIONS OF SOME LOS ALAMOS FAST-NEUTRON SYSTEMS
1656	HOOGERP, J. C. / HANSEN, G. E.	TANSAO, 14, 677-678	71-10-00	UNREFLECTED URANIUM-235/CARBON (RATIO OF 1 TO 182) CRITICAL ASSEMBLY
1703	HOOGERP, J. C. / HANSEN, G. E. / PAXTON, H. C.	LA-4798-MS	74-03-00	BARE 93%-ENRICHED-URANIUM-CARBON(170) ASSEMBLY
1719	HANSEN, G. E. / PAXTON, H. C.	LA-5946-MS	75-06-00	A TUNGSTEN-CARBIDE CRITICAL ASSEMBLY
2086	BYERS, C. C. / KOELLING, J. J. / HANSEN, G. E. / SMITH, D. R. / DYER, H. R.	TANSAO, 27, 412-413	77-11-00	CRITICAL MEASUREMENTS OF A WATER-REFLECTED ENRICHED URANIUM SPHERE

HANSEN, L. E.

804	HANSEN, L. E. / CLAYTON, E. D.	NUAPA, 03, 481-487	66-08-00	CRITICALITY OF PLUTONIUM COMPOUNDS IN THE UNDERMODERATED RANGE HYDROGEN - PLUTONIUM LESS THAN 20
-----	--------------------------------	--------------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HANSEN, L. E. (CONTD.)

1281	BIERMAN, S. R. / HANSEN, L. E. / WOODRUFF, G. L. / LLOYD, R. C. / HESS, G. M.	BNWL-0340, 46-49	66-10-15	NEUTRON SPECTRA EXPERIMENTS
898	BROWN, C. L. / HANSEN, L. E. / TOFFER, H.	TANSAO, 10, 191-192	67-06-00	EXPERIMENTAL BUCKLING MEASUREMENTS WITH 2.1 PERCENT ENRICHED URANIUM TUBES IN LIGHT WATER
902	BAXTER, A. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 10, 536	67-11-00	STUDIES OF CRITICAL ASSEMBLIES OF HOMOGENEOUS MIXTURES OF PLUTONIUM OXIDE AND POLYSTYRENE
2020	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 11, 381-382	68-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY
2019	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 11, 380-381	68-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE - POLYSTYRENE AT 5 HYDROGEN:PLUTONIUM
1276	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	NUAPA, 06, 023-026	69-01-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE-POLYSTYRENE AT 5 HYDROGEN/PLUTONIUM
1143	BROWN, C. L. / HANSEN, L. E.	NSENAO, 35, 358-363	69-03-00	MATERIAL BUCKLING MEASUREMENTS WITH 2.1 WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TUBES IN LIGHT WATER
1260	HANSEN, L. E. / CLAYTON, E. D. / LLOYD, R. C. / BIERMAN, S. R. / JOHNSON, R. D.	NUAPA, 06, 371-380	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS
1280	HANSEN, L. E. / CLAYTON, E. D.	NUAPA, 06, 381-390	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART-2: INTERPRETATION
1765	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 12, 870-872	69-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION SLABS HAVING HIGH PLUTONIUM-240 CONTENT.
1757	HANSEN, L. E. / BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 12, 869-870	69-11-00	CRITICALITY OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE AQUEOUS MIXTURES
1622	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 14, 037	71-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION CONTAINING SOLUBLE GADOLINIUM.
2031	HANSEN, L. E. / CLAYTON, E. D.	TANSAO, 15, 309-310	72-06-00	THEORY-EXPERIMENT TESTS USING ENDF/B VERSION II CROSS-SECTION DATA
1677	BIERMAN, S. R. / CLAYTON, E. D. / HANSEN, L. E.	NSENAO, 50, 115-126	73-02-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS MIXTURES OF PLUTONIUM AND URANIUM OXIDES CONTAINING 8, 15, AND 30 WT% PLUTONIUM.
1683	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E. / BIERMAN, S. R.	NUTYBB, 18, 225-230	73-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY.

HAPPER, I.

1201	KINNEY, W. E. / MIHALCZO, J. T. / HAPPER, I.	ORNL-3499, 77-81	63-08-01	APPLICATION OF MONTE CARLO CALCULATIONAL TECHNIQUES TO THE STUDY OF FAST CRITICAL ASSEMBLIES
------	--	------------------	----------	--

HARDIE, R. W.

435	LITTLE, W. W. / HARDIE, R. W. / MAAS, L. L.	BNWL-0347	67-02-01	MULTIGROUP ANALYSIS OF SELECTED FAST CRITICAL ASSEMBLIES
-----	---	-----------	----------	--

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HARDIE, R. W. (CONTD.)

1918	LITTLE, W. W. / KIDMAN, R. B. / SCHENTER, R. E. / O'DELL, L. D. / HARDIE, R. W. / STEWART, K. B.	TANSAO, 13, 304	70-06-00	ANALYSIS OF CRITICAL EXPERIMENTS USING VERSION II OF THE EVALUATED NUCLEAR DATA FILE (ENDF/B).
------	--	-----------------	----------	--

HARDY, J.

539	HARDY, J. / KLEIN, D. / DANIELS, R.	NSENAO, 26, 462-471	66-12-00	SPATIAL VARIATION OF THE FAST NEUTRON FLUX IN CELLS OF SLIGHTLY URANIUM-235-ENRICHED-URANIUM WATER-MODERATED LATTICES
831	VOLPE, J. J. / HARDY, J. / KLEIN, D.	WAPD-TM-0932	70-03-00	A COMPARISON OF THERMAL NEUTRON ACTIVATION MEASUREMENTS AND MONTE CARLO CALCULATIONS IN LIGHT-WATER-MODERATED URANIUM CELLS
2113	ULLO, J. J. / HARDY, J.	WAPD-TM-1299	77-10-00	ANALYSIS OF HOMOGENEOUS URANIUM-233 AND URANIUM-235 CRITICAL ASSEMBLIES WITH ENDF/B-IV DATA

HARNES, V. G.

196	GILLEY, L. W. / CRONIN, D. F. / HARNES, V. G.	ORNL-1715, 12	54-07-14	BORON POISONING IN CRITICAL SLABS
-----	---	---------------	----------	-----------------------------------

HARPER, R. G.

720	HARPER, R. G.	AEEW-R325	64-00-00	AN ANALYSIS OF EXPERIMENTS ON GRAPHITE MODERATED ASSEMBLIES FUELED WITH URANIUM, PLUTONIUM AND URANIUM-PLUTONIUM METAL
-----	---------------	-----------	----------	--

HARRIS, D. R.

2076	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER
502	STAUB, A. / HARRIS, D. R. / GOLDSMITH, M.	NSENAO, 34, 263-274	68-12-00	ANALYSIS OF A SET OF CRITICAL HOMOGENEOUS URANIUM-WATER SPHERES

HARRISON, J. R.

66	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	AERE-R/R-2703	58-11-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS
----	--	---------------	----------	--

HART, F. F.

1983	HART, F. F.	LA-1623	53-12-00	SAFETY TESTS FOR MELTING AND CASTING ORALLOY
------	-------------	---------	----------	--

HARTFIELD, R. A.

850	HARTFIELD, R. A. / FINN, H. F. / NEWHOLD, R. J. / VOLLMER, R. H.	TANSAO, 03, 109	60-06-00	CRITICAL EXPERIMENTS IN SLAB GEOMETRIES
-----	--	-----------------	----------	---

HARTLEY, W. H.

2108	HARTLEY, W. H.	WAPD-PWR-PH-112	56-05-00	SLAB EXPERIMENTS. II. URANIUM METAL REFLECTOR
------	----------------	-----------------	----------	---

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HARTLEY, W. H. (CONTD.)
2057 HARTLEY, W. H. WAPD-PWR-PH-126 56-07-00 SLAB EXPERIMENTS. III. URANIUM OXIDE REFLECTOR

HARTMAN, A. K.
1704 STEWART, S. L. / HARTMAN, A. K. / CRICK, S. C. GEAP-14001 74-04-00 EVALUATION AND ANALYSIS OF ZPPR ASSEMBLY 3 CRITICAL EXPERIMENTS

HAUBERT, N.
820 DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D. EURAEC-1882 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
2052 DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D. EURAEC-1882(ANNEX) 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES

HAUSKNECT, D. F.
468 CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A. NAA-SR-7541 63-06-30 CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

HEEB, C. M.
1922 KUTCHER, J. W. / DAVIS, E. C. / HEEB, C. M. TANSO, 13, 245-246 70-06-00 MTR-PHOENIX FUEL CRITICAL EXPERIMENTS AND ANALYSIS.

HEINDLER, M.
1795 BARRE, J. Y. / HEINDLER, M. / LACAPPELLE, T. / RAVIER, J. CONF-690634, 165-179 69-06-24 LESSONS DRAWN FROM INTEGRAL EXPERIMENTS ON A SET OF MULTIGROUP CROSS SECTIONS.

HEINEMAN, R. E.
2080 DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E. BNL-0489, 069-084 57-11-12 DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR
346 DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E. NSENAO, 04, 297-321 58-09-00 DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR

HELLENS, R. L.
1086 KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H. GENEVA-2, 12, 446-482 58-09-00 PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HELLENS, R. L. (CONTD.)

1118 HELLENS, R. L. /
ANDERSEN, E.

BNL-07293

66-10-15 SOME PROBLEMS IN THE INTERPRETATION OF
EXPONENTIAL EXPERIMENTS

HELLSTRAND, E.

379 HELLSTRAND, E. /
ANDERSSON, T. L. /
BRUNFELTER, B. / KOCKUM,
J. / LONDEN, S. O. / TIREN,
L. I.

AE-207

65-12-00 EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2
OF THE FAST REACTOR FRO

788 ANDERSSON, T. L. /
BRUNFELTER, B. / CECCHI,
P. F. / HELLSTRAND, E. /
KOCKUM, J. / LONDEN, S.
O. / TIREN, L. I.

AE-233

66-06-00 A SUMMARY REPORT ON ASSEMBLY 3 OF FRO

803 PRICE, G. A. / WINDSOR,
H. / TUNNEY, W. J. /
HELLSTRAND, E.

BNL-50012-(T-434)

66-08-25 ORGANIC COOLED, HEAVY WATER MODERATED
URANIUM-233 FUELED LATTICE EXPERIMENTS

895 PRICE, G. A. / WINDSOR,
H. / TUNNEY, W. J. /
HELLSTRAND, E.

TANSAO, 09, 518-519

66-10-00 ORGANIC-COOLED HEAVY-WATER MODERATED
URANIUM-233 FUELED LATTICE EXPERIMENTS

918 ANDERSSON, T. L. /
BJOREUS, L. / HELLSTRAND,
E. / HAGGBLOM, H. / LONDEN,
S. O. / TIREN, L. I. /
KOCKUM, J.

ANL-7320, 159-185

66-10-10 EXPERIMENTAL AND THEORETICAL WORK AT THE
ZERO-ENERGY FAST REACTOR FRO

HELM, F.

940 KARAM, R. A. / ANCARANI,
A. / HELM, F. / KATO, W. Y.
/ MAIN, G. W. / RUSCH, G.
K.

ANL-7320, 403-420

66-10-10 EXPERIMENTAL VERIFICATION OF REACTOR
PHYSICS PARAMETERS OF ZONED CORES

936 HELM, F. / TRAVELLI, A.

ANL-7320, 369-374

66-10-10 CALCULATION OF THE SODIUM-VOID EFFECT IN
LARGE CARBIDE CORES

121 KARAM, R. A. / ANCARANI,
A. / HELM, F. / KATO, W. Y.
/ MAIN, G. W. / RUSCH, G.
K.

ANL-7281

66-12-00 MEASURED PHYSICS PARAMETERS IN A ZONED FAST
URANIUM CARBIDE CORE, ASSEMBLY 42

1920 CLOUET D'ORVAL, C. /
ENGELMANN, P. / HELM, F.
/ JOURDAN, G. / MEYER-
HEINE, A. / PILATE, S. /
SCHMITT, P. / TRETIAKOFF,
O. / VIDAL, R. / WITTEK,
G.

TANSAO, 13, 292-293

70-06-00 JOINT EXPERIMENTS ON MASURCA, ERMINE, AND
SNEAK IN SUPPORT OF THE FAST BREEDER
PROJECTS PHENIX AND SNR.

HELMICK, H. H.

1720 BERNARD, W. / HELMICK, H.
H. / JARVIS, G. A. /
PLASSMANN, E. A. / WHITE,
R. H.

LA-5971-MS

75-05-00 RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY

HENDERSON, W. B.

1215 SIMS, F. L. / KUNZE, J. F.
/ WALSH, W. P. /
HENDERSON, W. B.

TANSAO, 09, 488-489

66-10-00 FAST-SPECTRUM REFRACTORY-METAL CRITICAL-
EXPERIMENT MEASUREMENTS

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HENDERSON, W. B. (CONTD.)

1425	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	ANL-7320, 195-204	66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE
------	---	-------------------	----------	--

HENNELLY, E. J.

762	HENNELLY, E. J. / PARKINSON, T. F. / ROGERS, W. B.	TANSAO, 03, 021-023	60-06-00	BUCKLING MEASUREMENTS ON NATURAL URANIUM - HEAVY WATER LATTICES AT TEMPERATURES UP TO 215 DEGREE CENTIGRADE
1481	BAUMANN, N. P. / HENNELLY, E. J.	TANSAO, 04, 048-049	61-06-00	BUCKLING MEASUREMENTS OF HEAVY-WATER MODERATED CLUSTERS OF NATURAL URANIUM OXIDE RODS
2000	WINGFIELD, E. C. / HENNELLY, E. J.	TANSAO, 04, 296-298	61-11-00	COMPARISON OF EXPONENTIAL AND CRITICAL BUCKLINGS FOR NATURAL URANIUM RODS IN HEAVY WATER
1054	WINGFIELD, E. C. / HENNELLY, E. J.	NSENAO, 12, 348-358	62-03-00	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM RODS IN HEAVY WATER AND COMPARISONS WITH CRITICAL EXPERIMENTS

HENRY, H. F.

456	HENRY, H. F. / NEWLON, C. E. / KNIGHT, J. R.	K-147B	61-07-11	EXTENSIONS OF NEUTRON INTERACTION CRITERIA
-----	---	--------	----------	--

HENRY, K. M.

2068	HENRY, K. M. / JOHNSON, E. B. / MAIENSCHIN, F. C.	CF-55-5-189	55-05-31	PRELIMINARY CRITICAL TESTS USING AQUARIUM FUEL ELEMENTS IN THE BSR GRID
1149	REYNOLDS, A. B. / THOMPSON, T. J. / HENRY, K. M. / JOHNSON, E. B.	NSENAO, 07, 001-013	60-01-00	REACTIVITY EFFECTS OF LARGE VOIDS IN THE REFLECTOR OF A LIGHT-WATER-MODERATED AND - REFLECTED REACTOR

HERMANN, O. W.

476	HERMANN, O. W.	KY-294	58-10-01	A GENERALIZED AND CONSISTENT METHOD FOR CALCULATING THE CRITICAL MASS OF HOMOGENEOUS AQUEOUS URANYL FLUORIDE SOLUTIONS
-----	----------------	--------	----------	---

HESS, A. L.

607	HESS, A. L. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6336	60-11-00	CRITICAL STUDIES OF A 450-LITER URANIUM OXIDE FAST REACTOR CORE.
86	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	ANL-6337	61-05-00	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)
1249	HESS, A. L. / KEENEY, W. P. / CAUMETTE, P. / BOYER, J. P.	ANL-7044	66-03-00	CRITICAL STUDIES FOR THE FRENCH FAST REACTOR <RAPSODIE> (ZPR-3 ASSEMBLY 44)
950	PERSIANI, P. J. / HESS, A. L. / KUCERA, D.	ANL-7320, 550-560	66-10-10	THE CRITICAL EXPERIMENTS AND PRELIMINARY ANALYSIS OF MULTIFUELED, NONUNIFORM CORE LOADINGS FOR THE FARET PROGRAM
1487	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	ANL-7320, 205-215	66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY

**III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

HESS, A. L. (CONTD.)

1391	DAVEY, W. G. / HESS, A. L.
/	TANSAO, 12, 717-718	69-11-00	VALIDITY OF FAST-CRITICAL EXPERIMENTS AS
INTEGRAL TESTS OF ENDF/B
1866	HESS, A. L. / KEENEY, W.
P. / MC VEAN, R. L.	ANL-7215	70-01-00	EXPERIMENTS WITH A SERIES OF SMALL,
PLUTONIUM-PLUS-URANIUM-FUELED FAST-REACTOR
CRITICALS (FARET MOCKUP--ZPR-3 ASSEMBLY 46).
1906	HESS, A. L. / PALMER, R.
G. / STEVENSON, J. M.	TANSAO, 13, 288-289	70-06-00	POSTANALYTICAL STUDY OF EIGHT ZPR-3
BENCHMARK CRITICALS USING ENDF/B DATA.
1829	HESS, A. L. / GASIDLO, J.
M. / LONG, J. K. /
AMUNDSON, P. I. / KEENEY,
W. P.	ANL-6732	71-06-00	CRITICAL STUDIES OF A 440-LITER FAST-
REACTOR CORE FUELED WITH URANIUM ENRICHED
TO 17 PERCENT (ZPR-3 ASSEMBLY 41).

HESS, G. M.

1258	HESS, G. M. / BIERMAN, S.
R.	BNWL-0340, 49-50	66-10-15	PULSED NEUTRON SOURCE MEASUREMENTS -
PLUTONIUM NITRATE SOLUTIONS
1281	BIERMAN, S. R. / HANSEN,
L. E. / WOODRUFF, G. L.
/ LLOYD, R. C. / HESS, G.
M.	BNWL-0340, 46-49	66-10-15	NEUTRON SPECTRA EXPERIMENTS
905	BIERMAN, S. R. / HESS, G.
M.	TANSAO, 10, 539-540	67-11-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT FOR
URANYL NITRATE HYDROGENOUS SYSTEMS
580	BIERMAN, S. R. / HESS, G.
M.	NSNAO, 32, 135-139	68-04-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF
HOMOGENEOUS, HYDROGENOUS URANYL NITRATE
SYSTEMS
42	BIERMAN, S. R. / HESS, G.
M.	ORNL-CDC-05	68-06-00	MINIMUM CRITICAL URANIUM-235 ENRICHMENT OF
HOMOGENEOUS HYDROGENOUS URANYL NITRATE

HEYBOER, R. J.

1994	COELHOORN, J. / ACKERS, J.
G. / BUSTRAAN, M. / TAS,
A. / ZIJP, W. L. /
NUYSKEN, M. / NIJS, W. W.
/ HEYBOER, R. J. /
LUIDINGA, F. | IAEA-AMST.-1963, 2.
233-256 | 63-09-00 | THE CRITICAL FACILITY KRITO |
|------|---|--------------------------------|----------|-----------------------------|

HICKS, E. E.

1750	ROTHE, R. E. / SCHUSKE, C.
L. / HICKS, E. E. | NUAPA, 07, 505-512 | 69-12-00 | CRITICALITY OF A URANIUM-SOLUTION SLAB
UNDER VARIOUS REFLECTOR CONDITIONS. |
|------|---|--------------------|----------|---|

HILLIG, O. R.

802	HILLIG, O. R. / LATHAM, D.
W.	TANSAO, 07, 295	64-11-00	MATERIAL BUCKLINGS OF URANIUM CARBIDE
FUELED GRAPHITE ASSEMBLIES - MEASUREMENTS
741	HILLIG, O. R. / LATHAM,
D. W.	NAA-SR-9771	64-12-01	MATERIAL BUCKLINGS OF CRITICAL AND
SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE
ASSEMBLIES. PART I. EXPERIMENT

HINES, K. C.

2101	HINES, K. C.	UK/C/5/1	56-00-00	U.K./CANADA CONFERENCE. NUCLEAR DATA
SESSION: FIVE PLUTONIUM-239, URANIUM-235,
URANIUM-233 -- WATER ASSEMBLIES (ZETR) |
|------|--------------|----------|----------|---|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HINKELMANN, B.

- 1794 KIEFHABER, E./ KUESTERS, CONF-690634, 094-100 69-06-24 EVALUATION OF FAST CRITICAL EXPERIMENTS BY
H./ SCHMIDT, J. J./ USE OF RECENT METHODS AND DATA.
BACHMANN, H./ KRIEG, B./
STEIN, E./ THIEM, D./
WAGNER, K./ HINKELMANN,
B./ SIEP, I.

HINTON, J. C.

- 139 CARTER, R. E./ HINTON, J. LA-0241 45-04-12 WATER TAMPER MEASUREMENTS
C. / KING, L. D. P. /
SCHREIBER, R. E.

HINTON, R. J.

- 1524 CROSS, N. F. / TANSO, 17, 268 73-11-00 MONTE CARLO ANALYSIS OF EXPERIMENTALLY
WHITESIDES, G. E. / CRITICAL PIPE INTERSECTIONS
HINTON, R. J.

HIRAKAWA, N.

- 968 HIROTA, J. / NOMOTO, S./ ANL-7320, 776-784 66-10-10 THE JAERI FAST CRITICAL FACILITY
NAKAMURA, T./ IIJIMA, T.
/ HIRAOKA, T./ HIRAKAWA,
N.
1142 HIROTA, J./ NOMOTO, S./ J. NUC. SCI. TECH., 69-01-00 STUDIES OF THE CRITICALITY OF 20 PERCENT
HIRAKAWA, N./ NAKANO, M. 06, 035-042 ENRICHED URANIUM FAST CRITICAL ASSEMBLIES
(FCA-I)

HIRAOKA, T.

- 968 HIROTA, J. / NOMOTO, S./ ANL-7320, 776-784 66-10-10 THE JAERI FAST CRITICAL FACILITY
NAKAMURA, T./ IIJIMA, T.
/ HIRAOKA, T./ HIRAKAWA,
N.

HIRONS, THOMAS J.

- 1636 HIRONS, THOMAS J./ TANSO, 14, 348-349 71-06-00 CALCULATIONS OF FAST CRITICAL ASSEMBLIES
BATTAT, M. E. USING LASL AND ENDF/B VERSION II DATA.

HIROTA, J.

- 74 HIROTA, J./ KATSURAGI, S. ATOMIC ENERGY SOC. 63-00-00 ANALYSIS OF THE ENRICHED-URANIUM HEAVY-
/ KUROI, H./ KOINUMA, R. OF JAPAN, 5, 1, 14- WATER HOMOGENEOUS SYSTEM
/ ISHIGURO, Y. 22
968 HIROTA, J. / NOMOTO, S./ ANL-7320, 776-784 66-10-10 THE JAERI FAST CRITICAL FACILITY
NAKAMURA, T./ IIJIMA, T.
/ HIRAOKA, T./ HIRAKAWA,
N.
1142 HIROTA, J./ NOMOTO, S./ J. NUC. SCI. TECH., 69-01-00 STUDIES OF THE CRITICALITY OF 20 PERCENT
HIRAKAWA, N./ NAKANO, M. 06, 035-042 ENRICHED URANIUM FAST CRITICAL ASSEMBLIES
(FCA-I)

HOFMANN, P. L.

- 1133 HOFMANN, P. L./ STORM, M. NSEAO, 03, 313-338 58-03-00 TWO-DIMENSIONAL (R,Z) MULTIGROUP
L. CALCULATION FOR AN INTERMEDIATE SPECTRUM
CRITICAL ASSEMBLY

**III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

- HOFMANN, P. L. (CONTD.)**
1946	STEWART, H. B. / HOFMANN, P. L. / STORM, M. L. /	GENEVA-2, 12, 142-150	58-09-00	PHYSICS CONSIDERATIONS IN THE DESIGN OF INTERMEDIATE ENERGY SPECTRUM REACTORS
969	BENNETT, R. A. / HOFMANN, P. L. / LITTLE, W. W. / MAAS, L. L.	ANL-7320, 785-793	66-10-10	FAST TEST REACTOR: CRITICAL EXPERIMENTS PROGRAM
444	BENNETT, R. A. / HOFMANN, P. L.	BNWL-0490	67-06-20	RATIONALE AND PLANS FOR THE FTR CRITICAL EXPERIMENTS PROGRAM
- HOGAN, W. S.**
1437	RAY, J. W. / MATTHEWS, R. G. / HOGAN, W. S. / DINGEE, D. A. / CHASTAIN, J. W.	BMI-1501	61-02-21	ML-1-1B CRITICAL-ASSEMBLY STUDIES
- HOLLOWAY, M. G.**
1980	BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E.	LA-0134	44-09-04	WATER BOILER
1981	BAKER, C. P. / HOLLOWAY, M. G.	LA-0618	47-02-03	CRITICAL MASSES OF ENRICHED URANIUM HYDRIDES AND SOME RELATED MEASUREMENTS
- HOLMES, J. H.**
2003	MILEY, G. H. / MILLER, B. / HOLMES, J. H.	TANSAO, 04, 300-301	61-11-00	DESCRIPTION AND ANALYSIS OF SOME SEMI-DISTRIBUTED BORON CORES
- HONE, D. W.**
2103	CRITOPH, E. / OKAZAKI, A. / HONE, D. W. / TUNNICLIFFE, P. R. / DE MILLE, G. R. / HANNA, G. C.	UK/C/5/103	56-10-22	MULTIPLE METAL ROD ASSEMBLIES IN ZEEP
2104	OKAZAKI, A. / HONE, D. W.	UK/C/6/120	57-09-27	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM. DIAMETER URANIUM METAL RODS IN HEAVY WATER
1947	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY
2100	OKAZAKI, A. / ALLEN, D. F. / HONE, D. W.	CRRP-648	59-01-00	LATTICE EXPERIMENTS FOR CLUSTERS OF NINETEEN 1.31 CM DIAMETER URANIUM METAL RODS IN HEAVY WATER
- HONELLE, M.**
780	CLOUET D'ORVAL, C. / DEILGAT, E. / HONELLE, M. / LECORCHE, P.	IAEA-STOCK.-1965, 193-213	65-11-00	EXPERIMENTAL RESEARCH IN FRANCE ON CRITICALITY PROBLEMS
- HOOGERP, J. C.**
24	HOOGERP, J. C.	LA-1732	54-05-19	CRITICAL MASSES OF GRAPHITE-TAMPED HETEROGENEOUS ORALLOY-GRAPHITE SYSTEMS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

HOOGTERP, J. C. (CONTD.)

143	HOOGTERP, J. C.	LA-2026	57-03-06	CRITICAL MASSES OF ORALLOY LATTICES IMMERSED IN WATER
26	HANSEN, G. E. / HOOGTERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	LA-2141	57-10-11	BERYLLIUM-REFLECTED, GRAPHITE-MODERATED CRITICAL ASSEMBLIES
84	HANSEN, G. E. / HOOGTERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	AECU-3604	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
2085	HANSEN, G. E. / HOOGTERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	BNL-0489, 297-302	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
1488	HOOGTERP, J. C. / ORNDOFF, J. D.	TANSAO, 04, 055	61-06-00	CRITICAL MEASUREMENTS FOR THE KIWI-A NUCLEAR PROPULSION TEST REACTOR
2026	HOOGTERP, J. C.	TANSAO, 11, 389-390	68-06-00	UNREFLECTED PLEXIGLASS-GRAPHITE-URANIUM CRITICAL MEASUREMENTS
1656	HOOGTERP, J. C. / HANSEN, G. E.	TANSAO, 14, 677-678	71-10-00	UNREFLECTED URANIUM-235/CARBON (RATIO OF 1 TO 182) CRITICAL ASSEMBLY
1703	HOOGTERP, J. C. / HANSEN, G. E. / PAXTON, H. C.	LA-4798-MS	74-03-00	BARE 93%-ENRICHED-URANIUM-CARBON(170) ASSEMBLY

HOOKE, H. H.

461	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKE, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	ANL-6299	61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS
-----	---	----------	----------	--

HOPPER, C. M.

1844	HANDLEY, G. R. / HOPPER, C. M.	Y-1858	72-11-20	VALIDATION CHECKS OF THE "ANISN" AND "KENO" CODES BY CORRELATION WITH EXPERIMENTAL DATA.
1702	HANDLEY, G. R. / HOPPER, C. M.	Y-1948	74-06-13	VALIDATION OF THE KENO CODE FOR NUCLEAR CRITICALITY SAFETY CALCULATIONS OF MODERATED, LOW-ENRICHED URANIUM SYSTEMS

HORST, K. M.

99	HORST, K. M.	GEAP-04594	64-07-00	SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR DEVELOPMENT PROGRAM
----	--------------	------------	----------	--

HORTON, C. C.

364	HORTON, C. C. / MC CULLEN, J. D.	GENEVA-1, 05, 156- 161	55-08-00	PLUTONIUM - WATER CRITICAL ASSEMBLIES
2102	HORTON, C. C.	UK/C/5/5	56-00-00	URANIUM-235-WATER ASSEMBLIES FOR LIDO
185	CLARKE, W. G. / HORTON, C. C. / SMITH, M. F.	AERE-R/R-2051	56-09-20	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTIONS.. PART 1: EXPERIMENTAL TECHNIQUES AND RESULTS

HOUELLE, M.

279	MOLBERT, M. / SAUVE, A. / HOUELLE, M. / DEILGAT, E.	CEA-2495	64-00-00	CRITICALITY EXPERIMENTS WITH ANNULAR CYLINDERS CONTAINING PLUTONIUM SOLUTIONS
-----	--	----------	----------	--

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

HOUELLE, M. (CONTD.)

65	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3367	67-12-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS SOLUTIONS OF PLUTONIUM - EXPERIMENTAL RESULTS - THEORETICAL INTERPRETATIONS
1898	BARBRY, F. / BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3931	69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSION MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.
1461	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / MAUBERT, L.	CEA-R-3946	70-03-00	NEUTRON INTERACTION IN AIR BETWEEN CYLINDRICAL CONTAINERS HOLDING EITHER URANIUM OR PLUTONIUM SOLUTIONS

HOVATTER, K. R.

2050	BAYARD, R. T. / HOVATTER, K. R. / MOREWITZ, H. A. / ZISSIS, G. J.	WAPD-PM-32	55-10-11	CRITICAL EXPERIMENTS ON LIGHTLY ENRICHED URANIUM-ZIRCONIUM ASSEMBLY

HOWARD, J. E.

472	DAVISON, P. W. / BERG, S. S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAEC-094	59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER

HOWE, W. D.

345	TATTERSALL, R. B. / SMALL, V. G. / MACBEAN, I. J. / HOWE, W. D.	AAEW-R376	64-00-00	REACTIVITY CHANGE MEASUREMENTS ON PLUTONIUM-URANIUM FUEL ELEMENTS IN HECTOR EXPERIMENTAL TECHNIQUES AND RESULTS

HUBER, R. J.

85	HUBER, R. J. / LONG, J. K. / MC VEAN, R. L. / GASIDLO, J. M.	ANL-6401	61-05-00	CRITICAL STUDIES OF A DILUTE CARBIDE FAST REACTOR (CORE ZPR-3 ASSEMBLY 34)
942	BENNETT, E. F. / GOLD, R. / HUBER, R. J.	ANL-7320, 477-480	66-10-10	SPECTRUM MEASUREMENTS IN A LARGE DILUTE PLUTONIUM FUELED FAST REACTOR

HUDDLESTON, C. M.

1141	EGGLER, C. / HUDDLESTON, C. M. / KROHN, V. E. / RINGO, G. R.	NSENAO, 01, 391-408	56-10-00	MEASUREMENT OF NEUTRON SPECTRA OF THE EXPERIMENTAL BREEDER REACTOR

HUMMEL, H. H.

1954	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342-346	55-08-00	THE FAST EXPONENTIAL EXPERIMENTS
2088	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HUNT, C.

673	CARTER, D. H. / CLARKE, W. G. / HUNT, C. / MARSHALL, J. / MC CULLOCH, D. B. / SANDERS, J. E. / SYMONS, C. R.	AEW-R201	64-00-00	MEASUREMENTS OF BUCKLING AND RELATIVE REACTION RATES IN SOME PLUTONIUM-GRAPHITE ASSEMBLIES
-----	--	----------	----------	--

HUNT, D. C.

1762	HUNT, D. C. / BOSS, M. R.	TANSAO, 12, 872-873	69-11-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.
1925	HUNT, D. C. / ROTHE, R. E.	TANSAO, 13, 380-381	70-06-00	CRITICALITY MEASUREMENTS ON URANIUM METAL SOLUTION COMBINATIONS.
1737	HUNT, D. C. / ROTHE, R. E.	TANSAO, 13, 662-663	70-11-00	CRITICALITY CALCULATIONS AND MEASUREMENTS ON ENRICHED URANIUM METAL-SOLUTION COMBINATIONS.
1624	HUNT, D. C. / ROTHE, R. E.	TANSAO, 14, 038-039	71-06-00	CRITICALITY ANALYSIS OF ENRICHED URANIUM METAL SPHERES UNDERGOING DISSOLUTION.
1642	HUNT, D. C. / BOSS, M. R.	JAABA, 25, 241-251	71-06-00	PLUTONIUM METAL CRITICALITY MEASUREMENTS.
1647	HUNT, D. C. / ROTHE, R. E.	NSENAO, 46, 076-087	71-10-00	CRITICALITY MEASUREMENTS ON URANIUM METAL SPHERES IMMERSSED IN URANIUM SOLUTION.
1544	ROTHE, R. E. / HUNT, D. C.	NSENAO, 54, 360-366	74-07-00	EFFECT OF POSITION IN THE CRITICALITY OF URANIUM SPHERES IN URANIUM SOLUTION CYLINDERS
1433	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2481	76-01-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JULY 1, 1975 THROUGH DECEMBER 31, 1975)
1606	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / SHEETS, W. R.	RFP-NUREG-2517	76-05-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JANUARY 1, 1976--MARCH 31, 1976

HUNTER, J. A.

2069	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I.	NEPA-1769	51-04-51	NEPA CRITICAL EXPERIMENT FACILITY
------	--	-----------	----------	-----------------------------------

HUNTER, R. E.

998	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORLTON, D. R.	LA-3529	69-10-27	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES
1823	HUNTER, R. E. / CREMER, C. C. / WORLTON, D. R.	CONF-710301, 1, 58-64	71-08-00	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.

HURLEY, T. J.

848	HURLEY, T. J. / O'NEILL, G. F.	TANSAO, 03, 075-076	60-06-00	EXPERIMENTAL LATTICES PARAMETERS FOR HEAVY WATER - NATURAL URANIUM LATTICES
1492	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	TANSAO, 04, 103-104	61-06-00	NATURAL URANIUM-HEAVY-WATER BUCKLINGS OVER AN EXTENDED RANGE OF PITCH AND FUEL ASSEMBLY SIZE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

HURLEY, T. J. (CONTD.)

1999	HURLEY, T. J. / O'NEILL, G. F.	TANSAO, 04, 295-296	61-11-00	MEASURED NUCLEAR PARAMETERS FOR NATURAL URANIUM ROD LATTICES IN HEAVY WATER
1053	HURLEY, T. J. / FIKE, H. R. / O'NEILL, G. F.	NSENAO, 12, 341-347	62-03-00	EXPERIMENTAL BUCKLINGS OF HEAVY WATER MODERATED LATTICES OF NATURAL URANIUM METAL ROD CLUSTERS
654	HURLEY, T. J.	DP-777	63-08-00	MEASURED LATTICE PARAMETERS FOR NATURAL URANIUM METAL ROD LATTICES IN HEAVY WATER

HURWITZ, H.

331	HURWITZ, H. / EHRLICH, R.	GENEVA-1, 05, 423-432	55-08-00	COMPARISON OF THEORY AND EXPERIMENT FOR INTERMEDIATE ASSEMBLIES
-----	---------------------------	-----------------------	----------	---

HUTCHINS, B. A.

911	GREEBLER, P. / GYOREY, G. L. / HUTCHINS, B. A. / SEGAL, B. M.	ANL-7320, 066-079	66-10-10	IMPLICATIONS OF RECENT FAST CRITICAL EXPERIMENTS ON BASIC FAST REACTOR DESIGN DATA AND CALCULATIONAL METHODS
1824	COWAN, C. L. / HUTCHINS, B. A. / TURNER, J. E.	CONF-710301, 1, 72-78	71-08-00	ADJUSTMENTS TO ENDF/B, VERSION II DATA WHICH IMPROVE THE AGREEMENT BETWEEN CALCULATED AND MEASURED PARAMETERS FOR FAST BENCHMARK CRITICAL ASSEMBLIES.

HUTTER, E.

461	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKER, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	ANL-6299	61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS
-----	--	----------	----------	--

HYLAND, R. E.

214	LOFTHOUSE, J. H. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 09, 340	66-10-00	CAVITY REACTOR CRITICAL EXPERIMENT
215	HYLAND, R. E. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E.	TANSAO, 10, 008-009	67-06-00	EXPERIMENTAL RESULTS FROM LARGE CAVITY REACTOR CRITICAL
217	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 10, 419-420	67-11-00	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS
33	PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	NASA-CR-72409	68-05-22	CAVITY REACTOR ENGINEERING MOCKUP CRITICAL EXPERIMENT
601	KUNZE, J. F. / PINCOCK, G. D. / HYLAND, R. E.	NUAPA, 06, 104-115	69-02-00	CAVITY REACTOR CRITICAL EXPERIMENTS

I

IIJIMA, T.

968	HIROTA, J. / NOMOTO, S. / NAKAMURA, T. / IIJIMA, T. / HIRAKAWA, T. / HIRAKAWA, N.	ANL-7320, 776-784	66-10-10	THE JAERI FAST CRITICAL FACILITY
-----	---	-------------------	----------	----------------------------------

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

IIJIMA, T. (CONTD.)

1658	NOMOTO, S. / IIJIMA, T.	NIPPON GENSHIRYOKU GAKKAISHI, 13, 582- 597	71-10-00	CURRENT STATUS OF FAST REACTOR CRITICAL EXPERIMENTS.
------	-------------------------	--	----------	---

IIZUMI, M.

1491	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	TANSAO, 04, 056-057	61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY
------	--	---------------------	----------	---

INGRAM, G.

617	INGRAM, G. / SANDERS, J. E.	AERE-R/R-2539	58-07-00	THE BEHAVIOUR OF ZEPHYR WITH A GRAPHITE ENVELOPE
740	INGRAM, G. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R.	AEEW-R315	63-10-00	THE FIRST CORE OF ZEBRA
744	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEEW-R461	65-10-00	THE THIRD CORE OF ZEBRA
790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION
922	ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M.	ANL-7320, 216-230	66-10-10	ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY

INOUE, K.

1491	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	TANSAO, 04, 056-057	61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY
------	--	---------------------	----------	---

INYUTIN, E. I.

467	KRASIN, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAIEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHEMKOV, A. P.	GENEVA-2, 12, 571- 579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR
-----	--	---------------------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

INYUTIN, E. I. (CONTD.)

2011	UROVA, L. N. / POLYAKOV, A. A. / KLENOV, G. I. / MOROSOV, I. G. / INYUTIN, E. I. / SIDOROV, G. I.	AECL-2330, 233-250	64-00-00	A STUDY OF THE PHYSICAL CHARACTERISTICS OF HYDROGEN-CONTAINING REACTORS IN THE CRITICAL REGION
787	KRASIN, A. K. / INYUTIN, E. I.	SOVIET ATOMIC ENERGY VOL. 18 NO. 2	65-02-00	HOMOGENEOUS CRITICAL ASSEMBLY WITH A PROFILED FUEL CHARGE

IRVING, D. C.

801	IRVING, D. C. / MIHALCZO, J. T.	TANSAO, 07, 287-288	64-11-00	MONTE CARLO CALCULATIONS FOR ENRICHED URANIUM METAL ASSEMBLIES

ISHIGURO, Y.

74	HIROTA, J. / KATSURAGI, S. / KUROI, H. / KOINUMA, R. / ISHIGURO, Y.	ATOMIC ENERGY SOC. OF JAPAN, 5, 1, 14-22	63-00-00	ANALYSIS OF THE ENRICHED-URANIUM HEAVY-WATER HOMOGENEOUS SYSTEM

ISKENDERIAN, H.

136	ISKENDERIAN, H. / BYERS, C. C.	TANSAO, 01, 1, 149-150	58-06-00	PHYSICS CALCULATIONS ON FOUR LOS ALAMOS GRAPHITE MODERATED CRITICAL ASSEMBLIES

ITHURRALDE, M. F.

280	ITHURRALDE, M. F. / KREMSER, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	CEA-R-2488	64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM
282	CAIZERGUES, R. / FIEGEL, A. / ITHURRALDE, M. F.	IAEA-STOCK.-1965, 249-266	65-11-00	INTERPRETATION OF EXPERIMENTAL RESULTS OBTAINED AT THE VALDUC CRITICALITY STATION

IVANOV, S. P.

1990	KAMAEV, A. V. / DUBOVSKII, B. G. / VAVILOV, V. V. / POPOV, G. A. / PALAMARCHUK, YU. D. / IVANOV, S. P.	AEC-TR-4708	62-10-09	EXPERIMENTAL INVESTIGATION OF EFFECTS OF INTERACTION OF TWO SUBCRITICAL REACTORS

J

JANKOWSKI, F. J.

739	JANKOWSKI, F. J.	GENEVA-2, 12, 747-762	58-09-00	RESEARCH EXPERIENCE WITH PLASTIC MODERATED CRITICAL ASSEMBLIES
1438	DINGEE, D. A. / BALLOWE, W. C. / KLINGENSMITH, R. W. / EGEN, R. A. / JANKOWSKI, F. J. / CHASTAIN, J. W.	BMI-1288	58-09-10	GCRE CRITICAL-ASSEMBLY STUDIES

JARRIEL, J. L.

1625	CURRIE, R. L. / PARKS, P. B. / JARRIEL, J. L.	TANSAO, 14, 039-040	71-06-00	REACTIVITY MEASUREMENTS ON LARGE URANIUM-235-ALUMINUM FORMS IN WATER
1644	CURRIE, R. L. / PARKS, P. B. / JARRIEL, J. L.	NUTYBB, 12, 356-362	71-12-00	STATIC AND PULSED REACTIVITY MEASUREMENTS ON LARGE URANIUM-235 FUEL FORMS IN WATER.

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

JARRIEL, J. L. (CONTD.)

1454	PELLARIN, D. J. / JARRIEL, J. L.	TANSAO, 27, 413-415	77-11-00	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER
1455	PELLARIN, D. J. / JARRIEL, J. L.	DP-MS-77-49	77-11-27	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER

JARVIS, G. A.

19	JARVIS, G. A. / LINENBERGER, G. A. / PAXTON, H. C.	LA-2044 (DEL)	56-10-17	PLUTONIUM-METAL CRITICAL ASSEMBLIES
10	JARVIS, G. A. / LINENBERGER, G. A. / ORNDORFF, J. D. / PAXTON, H. C.	NSENAO, 08, 525-531	60-12-00	TWO PLUTONIUM-METAL CRITICAL ASSEMBLIES
836	MC CRELESS, T. G. / SMITH, D. R. / JARVIS, G. A. / DUFFEY, D.	TANSAO, 08, 441	65-11-00	NEUTRONIC ISOLATION CHARACTERISTICS OF CONCRETE, LEAD, WOOD POLYETHYLENE AND BERYLLIUM
485	JARVIS, G. A. / MILLS, C. B.	LA-3651	67-03-22	CRITICAL MASS REDUCTION
1720	BERNARD, W. / HELMICK, H. H. / JARVIS, G. A. / PLASSMANN, E. A. / WHITE, R. H.	LA-5971-MS	75-05-00	RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY
1721	PAXTON, H. C. / JARVIS, G. A. / BYERS, C. C.	LA-5963	75-07-00	REFLECTOR-MODERATED CRITICAL ASSEMBLIES

JAWOROWSKI, T. R.

685	JAWOROWSKI, T. R. / ALINE, P. G. / KOSANKE, H. D.	APED-4236	63-07-15	CONTROL AUGMENTATION CRITICAL EXPERIMENTS

JENKINS, J. D.

1728	MC NEANY, S. R. / JENKINS, J. D.	ORNL-TM-5113	76-01-00	COMPARISON OF HANSEN--ROACH AND ENDF/B-IV CROSS SECTIONS FOR URANIUM CRITICALITY CALCULATIONS

JENNINGS, B.

472	DAVISON, P. W. / BERG, S. S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAEC-094	59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER

JENQUIN, U. P.

2110	JENQUIN, U. P. / BIERMAN, S. R.	PNL-2273	78-06-00	BENCHMARK EXPERIMENTS TO TEST PLUTONIUM AND STAINLESS STEEL CROSS SECTIONS

JOANOU, G. D.

1269	GOODJOHN, A. J. / JOANOU, G. D. / WIKNER, N. F.	TANSAO, 05, 367-368	62-11-00	ON THE PHYSICS OF SEMI-HOMOGENEOUS GRAPHITE URANIUM-235 REACTORS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

JOHNSON, E. B.

2068	HENRY, K. M. / JOHNSON, E. B. / MAIENSCHIN, F. C.	CF-55-5-189	55-05-31	PRELIMINARY CRITICAL TESTS USING AQUARIUM FUEL ELEMENTS IN THE BSR GRID
1149	REYNOLDS, A. B. / THOMPSON, T. J. / HENRY, K. M. / JOHNSON, E. B.	NSENAO, 07, 001-013	60-01-00	REACTIVITY EFFECTS OF LARGE VOIDS IN THE REFLECTOR OF A LIGHT-WATER-MODERATED AND - REFLECTED REACTOR
1695	JOHNSON, E. B. / FOX, J. K.	ORNL-TM-0264	62-09-18	CRITICAL MASS STUDIES. PART XII. ROVER REACTOR FUEL ELEMENTS
375	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	ORNL-TM-0499	63-02-06	CRITICAL MASS STUDIES - PART 13. BOROSILICATE GLASS RASCHIG RINGS IN AQUEOUS URANYL NITRATE SOLUTIONS
1473	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	TANSAO, 06, 171-172	63-11-00	THE EFFECT OF BOROSILICATE GLASS RASCHIG RINGS ON THE CRITICALITY OF AQUEOUS URANYL NITRATE SOLUTIONS
50	PAXTON, H. C. / THOMAS, J. T. / CALLIHAN, A. D. / JOHNSON, E. B.	TID-07028	64-06-00	CRITICAL DIMENSIONS OF SYSTEMS CONTAINING URANIUM-235, PLUTONIUM-239, AND URANIUM-233
808	JOHNSON, E. B. / CRONIN, D. F.	TANSAO, 07, 301-303	64-11-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM
738	JOHNSON, E. B. / CRONIN, D. F.	ORNL-3714, 31	64-12-00	CRITICAL DIMENSIONS OF AQUEOUS URANIUM DIOXIDE FLUORIDE SOLUTIONS CONTAINING 4.9 PERCENT URANIUM-235 ENRICHED URANIUM
615	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1207	65-07-14	CRITICAL EXPERIMENTS WITH SPERT-D FUEL ELEMENTS
124	WEBSTER, J. W. / JOHNSON, E. B.	ORNL-TM-1195	65-07-23	CRITICALITY OF A SINGLE UNIT OF AQUEOUS URANYL FLUORIDE SOLUTION ENRICHED TO 5 PERCENT IN URANIUM-235
614	JOHNSON, E. B.	ORNL-3973, 14	66-05-31	CRITICALITY OF A SPHERE OF 4.98% ENRICHED URANYL FLUORIDE SOLUTION
894	JOHNSON, E. B.	TANSAO, 09, 185-186	66-06-00	CRITICAL PARAMETERS OF URANIUM (1.95) METAL CYLINDRICAL ANNULI
1153	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1566	66-07-20	CRITICALITY OF LATTICES OF HEAT TRANSFER REACTOR EXPERIMENT FUEL ELEMENTS
1973	CRUME, E. C. / JOHNSON, E. B.	ORNL-TM-1704	66-12-01	CRITICALITY SAFETY TESTS FOR ROVER REACTOR FUEL ELEMENTS
1151	JOHNSON, E. B.	ORNL-TM-1808	67-03-20	CRITICAL LATTICES OF HIGH FLUX ISOTOPE REACTOR FUEL ELEMENTS
884	JOHNSON, E. B.	ORNL-4143, 31-32	67-08-00	CRITICAL LATTICES OF URANIUM(4.89) METAL RODS IN WATER
885	WEBSTER, J. W. / JOHNSON, E. B.	ORNL-4134, 32	67-08-00	CRITICALITY OF AQUEOUS SOLUTIONS OF 5 PERCENT ENRICHED URANIUM
2022	JOHNSON, E. B. / NEWLON, C. E.	TANSAO, 11, 383-384	68-06-00	THE EFFECT OF STEEL - WATER REFLECTORS ON THE CRITICALITY OF LOW-ENRICHED URANYL FLUORIDE SOLUTION
2028	JOHNSON, E. B.	TANSAO, 11, 674-675	68-11-00	CRITICAL LATTICES OF URANIUM(4.89) RODS IN WATER AND IN AQUEOUS BORON SOLUTION
1916	JOHNSON, E. B.	TANSAO, 13, 379	70-06-00	CRITICALITY OF URANIUM(3.85) RODS AND CYLINDRICAL ANNULI IN WATER.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

JOHNSON, E. B. (CONTD.)

1646	JOHNSON, E. B.	TANSAO, 14, 678	71-10-00	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF 5% URANIUM-235 ENRICHED URANYL FLUORIDE AQUEOUS SOLUTION
1711	JOHNSON, E. B.	Y-DR-129	74-10-31	NUCLEAR CRITICALITY OF INTERSECTING CYLINDERS OF AQUEOUS URANYL FLUORIDE SOLUTIONS
1439	JOHNSON, E. B.	ORNL/ENG-2	76-07-00	THE CRITICALITY OF HETEROGENEOUS LATTICES OF EXPERIMENTAL BERYLLIUM OXIDE REACTOR FUEL PINS IN WATER AND IN AQUEOUS SOLUTIONS CONTAINING BORON AND URANYL NITRATE

JOHNSON, K. M.

1494	WELSHANS, L. M. /
JOHNSON, K. M. | TANSAO, 04, 104-106 | 61-06-00 | CRITICAL EXPERIMENTS ON ENRICHED URANIUM STAINLESS STEEL WATER MODERATED LATTICES |
|------|-------------------------------------|---------------------|----------|---|

JOHNSON, P. G.

2078	LEVINE, S. H. / JOHNSON,
P. G. | WAPD-TM-0024 | 56-11-00 | AN ALUMINUM-URANIUM CRITICAL ASSEMBLY IN CYLINDRICAL GEOMETRY |
|------|-----------------------------------|--------------|----------|---|

JOHNSON, R. D.

1260	HANSEN, L. E. / CLAYTON,
E. D. / LLOYD, R. C. /
BIERMAN, S. R. / JOHNSON,
R. D. | NUAPA, 06, 371-380 | 69-04-00 | CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS |
|------|--|--------------------|----------|---|

JOHNSON, T. W.

1875	PLUMLEE, K. E. / DAUGHTRY,
J. W. / JOHNSON, T. W. /
ROBINSON, W. R. / SCHULTZ,
R. A. / STANFORD, G. S. | ANL-7483 | 69-02-00 | ARGONNE ADVANCED RESEARCH REACTOR CRITICAL EXPERIMENTS. |
|------|---|----------|----------|---|

JOHNSON, W. R.

2065	GALLAGHER, J. G. /
GIESLER, H. W. / JOHNSON,
W. R.	APAE-MEMO-001	55-09-23	CRITICAL MASS CALCULATION FOR APPR-1 CRITICAL EXPERIMENT
1977	WILLIAMS, D. V. P. /
MAGNUSON, D. W. / BATCH,
M. L. / JOHNSON, W. R. /
LESLIE, J. K. / CALLIHAN,
A. D.	ORNL-2128	56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT
2064	NOAKS, J. W. / JOHNSON,
W. R.	APAE-08	57-02-08	ARMY PACKAGE POWER REACTOR ZERO POWER EXPERIMENTS (ZPE-1)

JOHNSTON, H. F.

1476	WARZEK, F. G. / JOHNSTON,
H. F. | TANSAO, 06, 219-220 | 63-11-00 | CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 1, EXPERIMENTS |
|------|------------------------------------|---------------------|----------|--|

JONES, A. F.

334	JONES, A. F. / WALFORD, J.
G. | ENEA-KARLS.-1961,
553-588 | 61-00-00 | THE EQUIPMENT AND METHODS USED IN BRITISH CRITICALITY LABORATORIES |
|-----|----------------------------------|------------------------------|----------|--|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

JONES, B. L.

188	LLOYD, R. C. / CLAYTON, E. D. / JONES, B. L.	HW-66215, 30-33	60-07-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 2.00 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER

JONES, H.

1984	BRANCH, G. / JONES, H. / RUSH, J. H. / WEINBERG, A. M.	CP-2842	45-10-26	WATER LATTICE EXPERIMENTS

JONES, L. L.

793	JONES, L. L. / ROMESBURG, H. C.	WAPD-TM-0632	66-09-00	CRITICAL DIMENSION OF URANIUM-235 AQUEOUS SOLUTIONS CONTAINING URANIUM-238 OR THORIUM-232
652	GRAY, A. W. / JONES, L. L.	WAPD-TM-0933	70-03-00	AN ANALYTICAL STUDY OF THE MINIMUM CRITICAL MASS OF HIGHLY ENRICHED URANIUM-235 WHEN REFLECTED BY NATURAL URANIUM AND WATER MIXTURES IN OPTIMIZED LATTICES

JONES, R. T.

2075	VOORHIS, A. D. / RYAN, T. M. / GOLDSMITH, M. / JONES, R. T.	WAPD-170	57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF ABSORBING MEMBRANES OF CADMIUM, GOLD, AND BORON

JORDAN, W. H.

2058	BEALL, S. E. / BREAZEALE, W. M. / BRIGGS, R. B. / CALLIHAN, A. D. / JORDAN, W. H.	CF-50-5-140	50-05-11	INTERIM REPORT OF NEUTRON AND GAMMA EXPERIMENTS ON THE MTR MOCK-UP

JOSEPHSON, V.

38	JOSEPHSON, V. / PAINE, R. W. / WOODWARD, L. L.	LA-1155 (DEL)	52-08-08	ORALLOY SHAPE FACTOR MEASUREMENTS
134	JOSEPHSON, V.	LA-1114 (DEL)	54-05-00	CRITICAL MASS MEASUREMENT ON ORALLOY IN TUBALLOY AND TUNGSTEN CARBIDE TAMPERS

JOSHI, B. V.

591	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585-606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES

JOURDAN, G.

1920	CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER-HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIKOFF, O. / VIDAL, R. / WITTEK, G.	TANSAO, 13, 292-293	70-06-00	JOINT EXPERIMENTS ON MASURCA, ERMINIE, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

JOWITT, D.

790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

JOZEFOWICZ, EDWARD T.

1614	JOZEFOWICZ, EDWARD T.	NUKLEONIKA, 15, 399-410	70-04-00	THE BASIC STATIC PARAMETERS FOR WWR-SM LATTICES WITH WATER CHANNELS. ESTIMATION OF HETEROGENEITY EFFECT ON NEUTRON AGE.

JULIANO, J.

1495	DE VILLIERS, J. W. L. / BAIRD, Q. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A

JULIANO, J. O.

1497	JULIANO, J. O. / KELBER, C. N. / PLUMLEE, K. E.	TANSAO, 04, 110-111	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART B

K

KAISER, R. E.

1768	MATLOCK, R. G. / KAISER, R. E. / GASIDLO, J. M.	TANSAO, 12, 652-653	69-11-00	REACTIVITY EFFECTS IN CRITICAL FACILITIES DUE TO FISSILE ISOTOPE DECAY.
1741	KAISER, R. E. / NORRIS, R. J. / PAIK, N. C.	TANSAO, 13, 734-735	70-11-00	MATERIAL WORTH MEASUREMENTS IN THE BENCHMARK CRITICAL ASSEMBLY ON ZPPR.
1739	KAISER, R. E. / NORRIS, R. J. / OLSON, A. P. / PAIK, N. C.	TANSAO, 13, 732	70-11-00	PREDICTED CHARACTERISTICS WITH ACTUAL OBSERVATION FOR THE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY ZPPR-2.
1630	KAISER, R. E. / AMUNDSON, P. I. / FORRESTER, R. J. / NEWMARK, B.	TANSAO, 14, 019-020	71-06-00	MEASUREMENT AND ANALYSIS OF SPACE-DEPENDENT PARAMETERS IN A DEMONSTRATION PLANT BENCHMARK CRITICAL.
1834	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	ANL-7882	71-11-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.

KALLFELZ, J. M.

1401	KALLFELZ, J. M. / POENITZ, W. P. / SEHGAL, B. R. / ZOLOTAR, B. A.	TANSAO, 12, 186-187	69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS THROUGH INTEGRAL EXPERIMENTS
1388	KALLFELZ, J. M. / ZOLOTAR, B. A. / SEHGAL, B. R.	EACRP-L-77	69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS SECTIONS AND THEIR INFLUENCE ON CALCULATED FAST REACTOR PARAMETERS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

KAMAEV, A. V.

467	KRASIN, A. K. /
DUBOVSKY, B. G. /
LANTSOV, M. N. / GLAZKOV,
Y. Y. / GONCHOROV, R. K.
/ KAMAEV, A. V. /
VAVILOV, V. V. / INYUTIN,
E. I. / SENCHEMKOV, A.
P.	GENEVA-2, 12, 571-
579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM
MODERATED REACTOR
1990	KAMAEV, A. V. /
DUBOVSKII, B. G. /
VAVILOV, V. V. / POPOV,
G. A. / PALAMARCHUK, YU.
D. / IVANOV, S. P.	AEC-TR-4708	62-10-09	EXPERIMENTAL INVESTIGATION OF EFFECTS OF
INTERACTION OF TWO SUBCRITICAL REACTORS
692	DUBOVSKII, B. G. /
KAMAEV, A. V. / ORLOV, V.
V. / VLADYKOV, G. M. /
GURIN, V. N. / KUZNETSOV,
F. M. / KOCHERGIN, V. P.
/ MARKELOV, I. P. /
POPOV, G. A. /
SVIRIDENKO, V. J.	GENEVA-3, 13, 254-
263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS
SOLUTIONS OF URANIUM NITRATE AND NUCLEAR
SAFETY
759	DUBOVSKII, B. G. /
KAMAEV, A. V. /
KUZNETSOV, F. M. /
VLADYKOV, G. M. / POPOV,
G. A. / PALAMARCHUK, YU.
D.	JAABA, 19, 775-781	65-00-00	CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS
OF URANIUM NITRATE

KANEKO, Y.

1491	INOUE, K. / KATO, W. Y.
/ SUMITA, K. / IIZUMI, M.
/ NISHIMURA, K. /
KANEKO, Y. / KOBAYASHI,
S. / ET AL | TANSAO, 04, 056-057 | 61-06-00 | THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE
SEMIHOMOGENEOUS CRITICAL ASSEMBLY |
|------|--|---------------------|----------|---|

KANTORCZYK, P. A.

682	RUTLEDGE, G. P. /
KANTORCZYK, P. A. | WAPD-TM-0244 | 60-11-00 | NUCLEAR ANALYSIS OF THERMAL REFLECTED
CYLINDRICAL HOMOGENEOUS CRITICAL ASSEMBLIES |
|-----|--|--------------|----------|--|

KAPLAN, I.

706	KAPLAN, I.	MITNE-25	62-08-15	MEASUREMENTS OF REACTOR PARAMETERS IN
SUBCRITICAL AND CRITICAL ASSEMBLIES - A
REVIEW
1993	KAPLAN, I. / LANNING, D.
D. / PROFIO, A. E. /
THOMPSON, T. J.	IAEA-AMST.-1963, 2,
109-146	63-09-00	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EXPONENTIAL STUDIES OF LOW-ENRICHMENT,
HEAVY-WATER LATTICES

KARAM, R. A.

109B	DOERNER, R. C. / KNAPP, W.
G. / ALMENAS, K. K. /
COHN, C. E. / KARAM, R. A.
/ KATO, W. Y. /
LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-
BASED FAST REACTORS REACTOR PHYSICS
DIVISION ANNUAL REPORT
923	RUSCH, G. K. / KARAM, R.
A. / KATO, W. Y. / MAIN, G.
W.	ANL-7320, 231-236	66-10-10	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM
CARBIDE CORES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

KARAM, R. A. (CONTD.)

940	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7320, 403-420	66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES
121	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7281	66-12-00	MEASURED PHYSICS PARAMETERS IN A ZONED FAST URANIUM CARBIDE CORE, ASSEMBLY 4Z
119	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / KARAM, R. A.	ANL-7007	67-03-00	PHYSICS MEASUREMENTS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS
120	DOERNER, R. C. / KNAPP, W. G. / KARAM, R. A. / BUTLER, D. K.	ANL-7208	67-03-00	ZPR-9 ASSEMBLIES NO. 6-9 CRITICAL EXPERIMENTS
1408	KARAM, R. A. / MARSHALL, J. E. / NAKAMURA, T.	TANSAO, 11, 598-599	68-11-00	FLUXES INTRASTRUCTURE IN A LARGE, PLATE-TYPE HETEROGENEOUS URANIUM DIOXIDE FAST CORE (ASSEMBLY-6, ZPR-6)
1769	KARAM, R. A. / MARSHALL, J. E.	TANSAO, 12, 718-719	69-11-00	CRITICAL MASS SENSITIVITY TO THE TREATMENT OF HETEROGENEITY EFFECTS IN A LARGE URANIUM CARBIDE FAST CORE, ASSEMBLY 5 OF ZPR-6.
1747	KARAM, R. A. / MARSHALL, J. E. / DANCE, K. D.	NSENAO, 43, 005-026	71-01-00	ANALYSIS OF HETEROGENEITY AND SODIUM-VOID EFFECTS IN A 2700-LITER URANIUM CARBIDE FAST CORE, ZPR-6 ASSEMBLY 5.
1632	KARAM, R. A. / STANFORD, G. S. / ROBINSON, R.	TANSAO, 14, 021-022	71-06-00	ANISOTROPIC EFFECTS IN A 4000-LITER URANIUM DIOXIDE FAST CORE, ZPR-6 ASSEMBLY 6A.
1628	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATORES, M.	TANSAO, 14, 017-018	71-06-00	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.

KATO, W. Y.

2088	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5
1491	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	TANSAO, 04, 056-057	61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY
397	KATO, W. Y. / DATES, L. R.	IAEA-VIENNA-1961, 295-312	61-08-00	DESIGN AND CONSTRUCTION OF THE ARGONNE FAST CRITICAL FACILITY (ZPR-6)
1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124-136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS
833	RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KATO, W. Y. (CONTD.)

1098	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT
923	RUSCH, G. K. / KARAM, R. A. / KATO, W. Y. / MAIN, G. W.	ANL-7320, 231-236	66-10-10	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM CARBIDE CORES
940	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7320, 403-420	66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES
121	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7281	66-12-00	MEASURED PHYSICS PARAMETERS IN A ZONED FAST URANIUM CARBIDE CORE, ASSEMBLY 4Z
1963	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON C. D.	NSENAO, 45, 37-46	71-07-00	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA

KATSURAGI, S.

74	HIROTA, J. / KATSURAGI, S. / KUROI, H. / KOINUMA, R. / ISHIGURO, Y.	ATOMIC ENERGY SOC. OF JAPAN, 5, 1, 14-22	63-00-00	ANALYSIS OF THE ENRICHED-URANIUM HEAVY-WATER HOMOGENEOUS SYSTEM

KAUFMANN, S. G.

56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS
465	ARMSTRONG, J. W. / BEIDELMAN, J. A. / KAUFMANN, S. G. / PLUMLEE, K. E.	TANSAO, 01, 1, 098-099	58-06-00	EXPERIMENTS WITH THORIA-URANIA-DEUTERIUM OXIDE WATER CRITICALS
466	REDMAN, W. C. / KAUFMANN, S. G. / PLUMLEE, K. E. / BAIRD, Q. L.	ANL-6378	61-12-00	CRITICAL EXPERIMENTS WITH THORIA-URANIA FUEL IN HEAVY WATER

KAY, R. E.

890	GREEN, R. E. / KAY, R. E. / OKAZAKI, A. / CASINI, G. / METZDORF, H. J. / PAILLON, M.	TANSAO, 09, 123-124	66-06-00	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD CLUSTERS OF NATURAL URANIUM CARBIDE IN HEAVY WATER MODERATOR

KAZACHKOVSKII, O. D.

588	BONDARENKO, I. I. / KAZACHKOVSKII, O. D. / ABAGYAN, L. P. / ABORIN, YU. S. / BAZAZYANTS, N. O. / ET AL	GENEVA-3, 06, 152-169	64-09-00	EXPERIMENTAL STUDIES ON FAST-NEUTRON REACTOR PHYSICS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KEENEY, W. P.

86	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	ANL-6337	61-05-00	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)
398	LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W.	IAEA-VIENNA-1961, 271-285	61-08-00	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS
12	GASIDLO, J. M. / LONG, J. K. / KEENEY, W. P.	ANL-6838	64-05-00	DOPPLER EFFECT MEASUREMENTS, SODIUM VOID COEFFICIENTS, AND CRITICAL STUDIES OF A 5000-LITER FAST POWER BREEDER REACTOR BY THE TWO-ZONE METHOD (ZPR-3 ASSEMBLY 43)
1249	HESS, A. L. / KEENEY, W. P. / CAUMETTE, P. / BOYER, J. P.	ANL-7044	66-03-00	CRITICAL STUDIES FOR THE FRENCH FAST REACTOR <RAPSODIE> (ZPR-3 ASSEMBLY 44)
1487	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	ANL-7320, 205-215	66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY
1866	HESS, A. L. / KEENEY, W. P. / MC VEAN, R. L.	ANL-7215	70-01-00	EXPERIMENTS WITH A SERIES OF SMALL, PLUTONIUM-PLUS-URANIUM-FUELED FAST-REACTOR CRITICALS (FARET MOCKUP--ZPR-3 ASSEMBLY 46).
1631	MENEGHETTI, D. / KEENEY, W. P. / VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	TANSAO, 14, 020-021	71-06-00	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.
1829	HESS, A. L. / GASIDLO, J. M. / LONG, J. K. / AMUNDSON, P. I. / KEENEY, W. P.	ANL-6732	71-06-00	CRITICAL STUDIES OF A 440-LITER FAST-REACTOR CORE FUELED WITH URANIUM ENRICHED TO 17 PERCENT (ZPR-3 ASSEMBLY 41).

KELBER, C. N.

1495	DE VILLIERS, J. W. L. / BAIRD, O. L. / JULIANO, J. / KELBER, C. N. / KIOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A
1497	JULIANO, J. O. / KELBER, C. N. / PLUMLEE, K. E.	TANSAO, 04, 110-111	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART B

KELLER, N. A.

1944	KELLER, N. A.	AECL-5539	76-07-00	CALCULATION OF FOURTEEN PLUTONIUM-URANIUM CRITICAL EXPERIMENT BENCHMARKS USING KENO AND SU-HAMMER
1943	KELLER, N. A.	AECL-5535	76-07-00	VALIDATION OF THE KENO AND SU-HAMMER CODES FOR PLUTONIUM SYSTEMS

KELLEY, F. L.

681	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	WCAP-1412	60-03-30	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KERST, D. W.

1980 BAKER, C. P. / DAGHLIAN, LA-0134 44-09-04 WATER BOILER
H. K. / FRIEDLANDER, G.
/ HOLLOWAY, M. G. /
KERST, D. W. / SCHREIBER,
R. E.

KESSLER, G.

1932 NOBLE, L. D. / MITZEL, F. GEAP-13588 70-03-00 RESULTS OF SEFOR ZERO POWER EXPERIMENTS.
/ SARMA, B. / WINTZER,
D. / LU, Y. S. / KESSLER,
G. / PFLASTERER, G. R.
/ BECKER, R. A. / MANSUR,
L.

KIDMAN, R. B.

1918 LITTLE, W. W. / KIDMAN, TANSAO, 13, 304 70-06-00 ANALYSIS OF CRITICAL EXPERIMENTS USING
R. B. / SCHENTER, R. E.
/ O'DELL, L. D. / HARDIE,
R. W. / STEWART, K. B. FILE (ENDF/B).

KIEFHABER, E.

1794 KIEFHABER, E. / KUESTERS, CONF-690634, 094-100 69-06-24 EVALUATION OF FAST CRITICAL EXPERIMENTS BY
H. / SCHMIDT, J. J. /
BACHMANN, H. / KRIEG, B. /
STEIN, E. / THIEM, D. /
WAGNER, K. / HINKELMANN,
B. / SIEP, I.
1801 KIEFHABER, E. / SCHMIDT, EURFNR-0858 70-09-00 EVALUATION OF FAST CRITICAL EXPERIMENTS
J. J. USING RECENT METHODS AND DATA.

KIEHN, R. M.

993 KIEHN, R. M. NSENAO, 04, 166-179 58-08-00 SOME APPLICATIONS OF THE S-N METHOD

KIER, P. H.

1633 DAUGHTRY, J. W. / POND, TANSAO, 14, 024-025 71-06-00 FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL
R. B. / FLEISCHMAN, R. M.
/ SWANSON, C. S. /
RUSCH, G. K. / KIER, P.
H.

KIM, J. M.

1996 MANSFIELD, W. K. / KIM, IAEA-AMST.-1963, 1, 63-09-00 EXPONENTIAL EXPERIMENTS WITH WATER AND
J. M. 457-467 NATURAL URANIUM

KINARD, F. E.

1015 ROGERS, W. B. / KINARD, NSENAO, 20, 266-271 64-11-00 MATERIAL BUCKLING AND CRITICAL MASSES OF
F. E. / URANIUM RODS CONTAINING 3 WEIGHT PERCENT
URANIUM-235 IN WATER

KING, D. T.

286 KING, D. T. / WALL, G. P. AERE-CE/R-2624 58-00-00 CRITICAL ASSEMBLIES WITH HEAVY WATER
/ WHITE, J. W. C. SOLUTIONS OF URANYL FLUORIDE PART 1 FUEL
SYSTEM

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

KING, H. W.

649	SCHUSKE, C. L. / ERNST, B. B. / KING, H. W.	RFP-0315	63-05-29	EMPIRICAL ANALYSIS OF CRITICAL BARE ARRAYS OF CYLINDERS OF ENRICHED URANIUM NITRATE
-----	--	----------	----------	--

KING, L. D. P.

139	CARTER, R. E. / HINTON, J. C. / KING, L. D. P. / SCHREIBER, R. E.	LA-0241	45-04-12	WATER TAMPER MEASUREMENTS
1982	KING, L. D. P.	LA-1034	47-12-19	CRITICAL ASSEMBLIES, CHAPTER 4, WATER BOILERS

KINNEY, W. E.

34	KINNEY, W. E. / MIHALCZO, J. T.	ORNL-CF-61-08-71	61-08-24	OAK RIDGE NATIONAL LABORATORY FAST BURST REACTOR: CRITICAL EXPERIMENTS AND CALCULATIONS
2004	MIHALCZO, J. T. / KINNEY, W. E.	TANSAO, 04, 302-303	61-11-00	EXPERIMENTS AND CALCULATIONS ON UNMODERATED URANIUM-MOLYBDENUM ALLOY CRITICAL ASSEMBLIES
1201	KINNEY, W. E. / MIHALCZO, J. T. / HAPPER, I.	ORNL-3499, 77-81	63-08-01	APPLICATION OF MONTE CARLO CALCULATIONAL TECHNIQUES TO THE STUDY OF FAST CRITICAL ASSEMBLIES
862	MIHALCZO, J. T. / KINNEY, W. E.	ORNL-3858, 19	65-11-00	EXPERIMENTS AND CALCULATIONS ON URANIUM MOLYBDENUM ALLOY CRITICAL ASSEMBLIES

KIRCH, N.

1550	BLOSER, M. / KIRCH, N. / KRINGS, F. J. / NASEBAND, F. J. / PAUL, N.	NSENAO, 55, 129-146	74-10-00	MEASUREMENTS AT THE CRITICAL FACILITY FOR THE IN-CORE THERMIONIC REACTOR AND COMPARISON WITH CALCULATIONS
1572	DRUEKE, V. / FILGES, S. / KIRCH, N. / NEEF, R. D.	NSENAO, 57, 328-332	75-08-00	EXPERIMENTAL AND THEORETICAL STUDIES OF CRITICALITY SAFETY BY INGRESS OF WATER IN SYSTEMS WITH PEBBLE-BED HIGH-TEMPERATURE GAS-COOLED REACTOR FUEL

KIRN, F. S.

354	LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119- 141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3
-----	--	---------------------------	----------	--

KIRSCHBAUM, A. J.

69	KIRSCHBAUM, A. J.	UCRL-4983-T	57-11-01	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS
2084	KIRSCHBAUM, A. J.	BNL-0489, 275-290	57-11-12	STUDIES OF ENRICHED URANIUM GRAPHITE REACTOR SYSTEMS
18	KIRSCHBAUM, A. J. / SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5043	57-12-10	STUDIES OF ENRICHED-URANIUM GRAPHITE SYSTEMS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

KISTNER, G.

953	KISTNER, G. / MIHALCZO, J. T.	ANL-7320, 586-589	66-10-10	CRITICAL EXPERIMENTS WITH A MOCKUP OF THE REPETITIVELY PULSED REACTOR SORA
32	KISTNER, G. / MIHALCZO, J. T.	ORNL-4263	68-06-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA
500	KISTNER, G. / MIHALCZO, J. T.	NSENAO, 35, 027-044	69-01-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA

KIYOSE, R.

1495	DE VILLIERS, J. W. L. / BAIRD, Q. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A

KLANN, P. G.

2001	KLANN, P. G. / DECHAND, C. O. / FEIN, E. / WRIGHT, W. B.	TANSAO, 04, 298-299	61-11-00	CRITICAL EXPERIMENTS WITH LOW ENRICHED DOUBLE ANNULAR SUPERHEATER FUEL ELEMENTS IN LIGHT WATER AND THEIR ANALYSIS
1627	PASCHALL, R. K. / KLANN, P. G.	TANSAO, 14, 004-005	71-06-00	NEUTRON SPECTRUM MEASUREMENTS IN A COMPACT FAST-SPECTRUM CRITICAL ASSEMBLY.

KLEIN, D.

1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446-482	58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).
539	HARDY, J. / KLEIN, D. / DANNELS, R.	NSENAO, 26, 462-471	66-12-00	SPATIAL VARIATION OF THE FAST NEUTRON FLUX IN CELLS OF SLIGHTLY URANIUM-235-ENRICHED-URANIUM WATER-MODERATED LATTICES
831	VOLPE, J. J. / HARDY, J. / KLEIN, D.	WAPD-TM-0932	70-03-00	A COMPARISON OF THERMAL NEUTRON ACTIVATION MEASUREMENTS AND MONTE CARLO CALCULATIONS IN LIGHT-WATER-MODERATED URANIUM CELLS

KLENOV, G. I.

2011	UROVA, L. N. / POLYAKOV, A. A. / KLENOV, G. I. / MOROSOV, I. G. / INYUTIN, E. I. / SIDOROV, G. I.	AECL-2330, 233-250	64-00-00	A STUDY OF THE PHYSICAL CHARACTERISTICS OF HYDROGEN-CONTAINING REACTORS IN THE CRITICAL REGION

KLINGENSMITH, R. W.

1438	DINGEE, D. A. / BALLOWE, W. C. / KLINGENSMITH, R. W. / EGEN, R. A. / JANKOWSKI, F. J. / CHASTAIN, J. W.	BMI-1288	58-09-10	GCRE CRITICAL-ASSEMBLY STUDIES

KLIPPEL, H. TH.

1865	COEHOORN, J. / KLIPPEL, H. TH. / DE MEULEMEESTER, F. M.	RCN-118	70-02-00	MEASUREMENTS AND CALCULATIONS ON THERMAL, ARGONAUT TYPE, CORES IN THE STEK-FACILITY AT PETTEN.

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KLOVERSTROM, F. A.

27	KLOVERSTROM, F. A.	UCRL-4957	57-09-00	SPHERICAL AND CYLINDRICAL PLUTONIUM CRITICAL MASSES
68	SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5006	57-11-15	CRITICAL MEASUREMENTS ON INTERMEDIATE-ENERGY GRAPHITE-URANIUM-235 SYSTEMS
18	KIRSCHBAUM, A. J. / SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5043	57-12-10	STUDIES OF ENRICHED-URANIUM GRAPHITE SYSTEMS
994	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5149	58-02-20	CRITICALITY AND PULSED-NEUTRON-SOURCE STUDIES ON AN EPITHERMAL GRAPHITE-URANIUM-235 HOMOGENEOUS UNREFLECTED SYSTEM
56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS
55	KLOVERSTROM, F. A. / KOMOTO, T. T.	UCRL-5477	59-02-05	PULSED NEUTRON SOURCE STUDIES OF GRAPHITE-ENRICHED URANIUM SYSTEMS
117	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5506	59-03-03	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS, FUELED BY THIN ORALLOY FOILS
2032	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	TANSAO, 02, 2, 162-163	59-06-00	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS FUELED BY THIN ENRICHED URANIUM FOILS
100	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5369 PT.-1 REV.	59-07-01	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS
333	GOLDBERG, E. / KLOVERSTROM, F. A.	TANSAO, 03, 213-214	60-06-00	RESONANCE ABSORPTION OF NEUTRONS IN THICK SHEETS OF MOLYBDENUM
22	KLOVERSTROM, F. A. / KRAFT, D. E.	UCRL-5369 PT. 2	60-07-11	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS
11	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	NSENAO, 08, 221-225	60-09-00	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ENRICHED-URANIUM FUELED SYSTEMS
256	GOLDBERG, E. / KLOVERSTROM, F. A. / KRAFT, D. E.	TANSAO, 03, 331-332	60-12-00	CRITICAL EXPERIMENTS INVOLVING GAPS IN SIMPLE CONFIGURATIONS

KLYUYEV, L. M.

1752	YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A.	PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38	68-00-00	THE LADA PHYSICS TEST STAND
------	--	---	----------	-----------------------------

**III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

KNAPP, W. G.

1098	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT
1096	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G. / LOEWENSTEIN, W. B.	ANL-7285	66-00-00	PHYSICS OF FAST REACTORS WITH TUNGSTEN-URANIUM-235 FUEL SUMMARY AND DISCUSSION
919	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G.	ANL-7320, 186-194	66-10-10	MEASUREMENTS AND ANALYSIS OF ALUMINUM-, ALUMINUM TRIOXIDE-, AND BERYLLIUM OXIDE-, REFLECTED FAST CRITICAL EXPERIMENTS
118	KNAPP, W. G. / DOERNER, R. C.	ANL-7207	67-02-00	PHYSICS MEASUREMENTS WITH MODIFIED DILUENT COMPOSITIONS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS
119	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / KARAM, R. A.	ANL-7007	67-03-00	PHYSICS MEASUREMENTS IN TUNGSTEN-BASED, ALUMINUM-REFLECTED FAST REACTORS
120	DOERNER, R. C. / KNAPP, W. G. / KARAM, R. A. / BUTLER, D. K.	ANL-7208	67-03-00	ZPR-9 ASSEMBLIES NO. 6-9 CRITICAL EXPERIMENTS

KNIGHT, J. R.

456	HENRY, H. F. / NEWLON, C. E. / KNIGHT, J. R.	K-1478	61-07-11	EXTENSIONS OF NEUTRON INTERACTION CRITERIA

KOBAYASHI, S.

1491	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	TANSAO, 04, 056-057	61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY

KOCH, L. J.

461	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKER, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	ANL-6299	61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS

KOCHERGIN, V. P.

692	DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	GENEVA-3, 13, 254-263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY

KOCKUM, J.

379	HELLSTRAND, E. / ANDERSSON, T. L. / BRUNFELTER, B. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-207	65-12-00	EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2 OF THE FAST REACTOR FRO

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

KOCKUM, J. (CONTD.)

788	ANDERSSON, T. L. /
BRUNFELTER, B. / CECCHI,
P. F. / HELLSTRAND, E. /
KOCKUM, J. / LONDEN, S.
O. / TIREN, L. I.	AE-233	66-06-00	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO
918	ANDERSSON, T. L. /
BJOREUS, L. / HELLSTRAND,
E. / HAGGBLOM, H. / LONDEN,
S. O. / TIREN, L. I. /
KOCKUM, J.	ANL-7320, 159-185	66-10-10	EXPERIMENTAL AND THEORETICAL WORK AT THE
ZERO-ENERGY FAST REACTOR FRO

KOECHLIN, J. C.

2082	KOECHLIN, J. C. / TANGUY,
P. / ZALESKI, C. P.	BNL-0489, 097-126	57-11-12	FRENCH RESULTS ON THE NATURAL URANIUM-
GRAPHITE LATTICES
1950	BACHER, P. / KOECHLIN, J.
C. / DE MAZANCOURT, R.
/ TESTE DU BAILLER, A. /
ZALESKI, C. P.	GENEVA-2, 12, 666-
684	58-09-00	NATURAL URANIUM-GRAPHITE LATTICES

KOELLING, J. J.

2086	BYERS, C. C. / KOELLING,
J. J. / HANSEN, G. E. /
SMITH, D. R. / DYER, H.
R. | TANSAO, 27, 412-413 | 77-11-00 | CRITICAL MEASUREMENTS OF A WATER-REFLECTED
ENRICHED URANIUM SPHERE |
|------|--|---------------------|----------|---|

KOINUMA, R.

74	HIROTA, J. / KATSURAGI, S.
/ KUROI, H. / KOINUMA, R.
/ ISHIGURO, Y. | ATOMIC ENERGY SOC.
OF JAPAN, 5, 1, 14-
22 | 63-00-00 | ANALYSIS OF THE ENRICHED-URANIUM HEAVY-
WATER HOMOGENEOUS SYSTEM |
|----|---|---|----------|---|

KOLAR, O. C.

768	KOLAR, O. C. / MORTON, J.
R. / PRUVOST, N. L.	IAEA-STOCK.-1965,
315-335	65-11-00	INTERACTION IN ARRAYS OF FISSIONABLE
MATERIALS
1817	FINN, H. F. / PRUVOST, N.
L. / KOLAR, O. C. /
PIERCE, G. A.	UCRL-51041	71-05-10	SUMMARY OF EXPERIMENTALLY DETERMINED
PLUTONIUM ARRAY CRITICAL CONFIGURATIONS
1587	KOLAR, O. C. / FINN, H.
F. / PRUVOST, N. L.	NUTYBB, 29, 057-072	76-04-00	LIVERMORE PLUTONIUM ARRAY PROGRAM:
EXPERIMENTS AND CALCULATIONS

KOMATA, M.

1649	MUELLER, R. E. / PAGE, E.
M. / KOMATA, M. | TANSAO, 14, 849-850 | 71-10-00 | A COMPARATIVE ANALYSIS OF METHODS FOR
CALCULATING HETEROGENEITY EFFECTS IN FAST
CRITICAL ASSEMBLIES. PART 1. METHODS. |
|------|--|---------------------|----------|---|

KOMOTO, T. T.

56	BENGSTON, J. / CAROTHERS,
J. E. / KLOVERSTROM, F. A.
/ KOMOTO, T. T. / PASSELL,
L. / SIMMONS, B. E. /
BOHL, L. S. / LUCKOW, W.
K. / CHURCHILL, S. W. /
BRUNSON, G. S. / KAUFMANN,
S. G. / MC MAHON, J. P. | UCRL-5159 | 58-03-25 | PROMPT NEUTRON DECAY CONSTANTS OF
MULTIPLYING SYSTEMS |
|----|--|-----------|----------|--|

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

KOMOTO, T. T. (CONTD.)			
55	KLOVERSTROM, F. A. / KOMOTO, T. T.	UCRL-5477	59-02-05 PULSED NEUTRON SOURCE STUDIES OF GRAPHITE- ENRICHED URANIUM SYSTEMS
KONZEK, G. J.			
1936	SMITH, R. I. / KONZEK, G. J.	PB-255728	76-04-00 CLEAN CRITICAL EXPERIMENT BENCHMARKS FOR PLUTONIUM RECYCLE IN LWR'S. VOLUME I. FINAL REPORT
KOENYETSOB, V. A.			
437	LYEPOONSKI, A. I. / KOENYETSOB, V. A. / ARTUKHOB, G. YA. / MOGILNYER, A. I. / PROKHOROV, U. A. / STEKLOVSKIE, V. M. / CHYENOV, L. A.	IAEA-VIENNA-1961, 327-343	61-08-00 EXPERIMENTAL STUDIES OF SOME OF THE PHYSICAL FEATURES OF BERYLLIUM-MODERATED INTERMEDIATE REACTORS.
KOONTZ, P. G.			
1170	KOONTZ, P. G. / ORNDORFF, J. D. / PAXTON, H. C.	LA-4037-SOP	69-04-04 OPERATING PROCEDURES FOR THE PAJARITO SITE CRITICAL ASSEMBLY FACILITY
KOSANKE, H. D.			
685	JAWOROWSKI, T. R. / ALINE, P. G. / KOSANKE, H. D.	APED-4236	63-07-15 CONTROL AUGMENTATION CRITICAL EXPERIMENTS
KOUTS, H.			
2036	KOUTS, H.	BNL-01812	53-10-07 LIGHT WATER LATTICE STUDIES
631	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	BNL-01627	53-11-05 BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235)
2043	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	BNL-02184	55-02-07 BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS
1019	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	GENEVA-1, 05, 183- 202	55-08-00 EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER
1957	KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V.	JAABA, 02, 141	55-11-00 REACTOR PARAMETERS OF A LIGHT WATER-NORMAL URANIUM LATTICE (LETTER)
197	KOUTS, H. / SHER, R.	BNL-00486	57-09-00 EXPERIMENTAL STUDIES OF SLIGHTLY ENRICHED URANIUM, WATER-MODERATED LATTICES
1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446- 482	58-09-00 PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).
KRAFT, D. E.			
22	KLOVERSTROM, F. A. / KRAFT, D. E.	UCRL-5369 PT. 2	60-07-11 CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KRAFT, D. E. (CONTD.)

256	GOLDBERG, E. / KLOVERSTROM, F. A. / KRAFT, D. E.	TANSAO, 03, 331-332	60-12-00	CRITICAL EXPERIMENTS INVOLVING GAPS IN SIMPLE CONFIGURATIONS
-----	--	---------------------	----------	---

KRASIK, S.

469	KRASIK, S. / RADKOWSKY, A.	GENEVA-1, 05, 203-214	55-08-00	PRESSURISED WATER REACTOR (P.W.R.) CRITICAL EXPERIMENTS
-----	----------------------------	-----------------------	----------	--

KRASIN, A. K.

787	KRASIN, A. K. / INYUTIN, E. I.	SOVIET ATOMIC ENERGY VOL. 18 NO. 2	65-02-00	HOMOGENEOUS CRITICAL ASSEMBLY WITH A PROFILED FUEL CHARGE
-----	-----------------------------------	---------------------------------------	----------	--

KRASIN, A. K.

1956	KRASIN, A. K. / DUBOVSKY, B. G.	JAABA, 04, 520-521	57-04-00	A BERYLLIUM MODERATED REACTOR (LETTER)
467	KRASIN, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHEMKOV, A. P.	GENEVA-2, 12, 571-579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR

KREMSE, J.

714	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSE, J. / MORET BAILLY, J. / VERRIERE, P.	CEA-R-2452	62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS
201	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSE, J. / LECLERC, J. / VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS
376	BERTRAND, J. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSE, J. / VERRIERE, P.	CEA-2309	63-00-00	PROSERPINE - CRITICAL MASSSES AND STANDARDS
717	BRUNA, J. G. / BRUNET, J. P. / CLOUET D'ORVAL, C. / KREMSE, J.	CEA-R-2453	64-06-00	CRITICALITY EXPERIMENT ON A SOLUTION OF PLUTONIUM AND OF 90% ENRICHED URANIUM. EXPERIMENTAL RESULTS AND CALCULATIONS ON TANK NUMBER 2
280	ITHURRALDE, M. F. / KREMSE, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	CEA-R-2488	64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM
285	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSE, J. / TELLIER, H. / VERRIERE, P.	CEA-R-2814	65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM- 239, URANIUM-235, AND URANIUM-233.
951	MC VEAN, R. L. / GOIN, R. W. / WEITZBERG, A. / LERIDON, A. M. / KREMSE, J.	ANL-7320, 560-568	66-10-10	CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3

III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KREMSER, J. (CONTD.)

108	MC VEAN, R. L. /
WEITZBERG, A. / KREMSER,
J. / LERIDON, A. M. / LONG,
J. K. | ANL-7248 | 67-03-00 | CRITICAL STUDIES OF THE SOUTHWEST
EXPERIMENTAL FAST OXIDE REACTOR (SEFOR IN
ZPR-3 (ASSEMBLY 47) |
|-----|--|----------|----------|---|

KRIEG, B.

1794	KIEFHABER, E. / KUESTERS,
H. / SCHMIDT, J. J. /
BACHMANN, H. / KRIEG, B. /
STEIN, E. / THIEM, D. /
WAGNER, K. / HINKELMANN,
B. / SIEP, I. | CONF-690634, 094-100 | 69-06-24 | EVALUATION OF FAST CRITICAL EXPERIMENTS BY
USE OF RECENT METHODS AND DATA. |
|------|--|----------------------|----------|---|

KRINGS, F. J.

1550	BLOSER, M. / KIRCH, N. /
KRINGS, F. J. / NASEBAND,
F. J. / PAUL, N. | NENAO, 55, 129-146 | 74-10-00 | MEASUREMENTS AT THE CRITICAL FACILITY FOR
THE IN-CORE THERMIONIC REACTOR AND
COMPARISON WITH CALCULATIONS |
|------|---|--------------------|----------|---|

KROEGER, H. R.

2069	BLY, F. T. / CONEYBEAR,
J. F. / HAAKE, E. V. /
HUNTER, J. A. / KROEGER,
H. R. / MOONEYHAM, A. O.
/ PRESSEY, F. W. /
THORNTON, G. / TOAL, R.
L. / WEINBERG, D. I. | NEPA-1769 | 51-04-51 | NEPA CRITICAL EXPERIMENT FACILITY |
|------|--|-----------|----------|-----------------------------------|

KROHN, V. E.

1141	EGGLER, C. / HUDDLESTON,
C. M. / KROHN, V. E. /
RINGO, G. R. | NENAO, 01, 391-408 | 56-10-00 | MEASUREMENT OF NEUTRON SPECTRA OF THE
EXPERIMENTAL BREEDER REACTOR |
|------|--|--------------------|----------|---|

KRUESI, F. E.

13	KRUESI, F. E. / ERKMAN, J.
O. / LANNING, D. D.	HW-24514 (DEL)	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS
1077	KRUESI, F. E. / ERKMAN, J.
O. / LANNING, D. D.	HW-24512	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS

KRYUKOV, A. P.

1752	YUROVA, L. N. / KLYUYEV,
L. M. / KRYUKOV, A. P. /
PETROV, V. N. / POLYAKOV,
A. A. / REDKIN, A. F. /
RUKHLO, V. P. / TSURIKOV,
V. F. / TROFIMOV, A. P.
/ BOLSHAKOV, V. A. | PHYSICS OF NUCLEAR
REACTORS-COLLECTION
OF WORKS, NO. 1,
MOSCOW, ATOMIZDAT,
1968, PP 32-38 | 68-00-00 | THE LADA PHYSICS TEST STAND |
|------|--|---|----------|-----------------------------|

KUBMAUL, G.

1180	BORGWALDT, H. / EDELMANN,
M. / HABERMANN, F. W. A. /
KUBMAUL, G. / MEISTER, H.
/ SEIFRITZ, W. /
STEGEMANN, D. | KFK-899 | 68-12-00 | EXPERIENCE OBTAINED AT KARLSRUHE WITH
DIFFERENT KINETIC METHODS OF REACTIVITY
DETERMINATION |
|------|---|---------|----------|---|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KUCERA, D.

950	PERSIANI, P. J. / HESS, A.
L. / KUCERA, D. | ANL-7320, 550-560 | 66-10-10 | THE CRITICAL EXPERIMENTS AND PRELIMINARY
ANALYSIS OF MULTIFUELED, NONUNIFORM CORE
LOADINGS FOR THE FARET PROGRAM |
|-----|---|-------------------|----------|--|

KUCHLE, M.

1496	KUCHLE, M.	IAEA-AMST.-1963, 2,
575-586	63-09-06	PULSED NEUTRON MEASUREMENTS ON A HEAVY
WATER REACTOR AT ZERO ENERGY
947	KUCHLE, M. / MITZEL, F. /
WATTECAMPS, E. / WERLE, H.	ANL-7320, 506-523	66-10-10	MEASUREMENTS OF NEUTRON SPECTRA AND DECAY
CONSTANTS WITH THE FAST SUBCRITICAL
FACILITY SUAK

KUESTERS, H.

1409	EISEMANN, E. / KUESTERS,
H. / METZENROTH, M. /
SCHMIDT, J. J. /
SCHROETER, K. E. / THIEM,
D.	TANSAO, 11, 601-602	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND
LARGE FAST POWER REACTORS WITH GROUP-
CONSTANT SETS RECENTLY EVALUATED AT
KARLSRUHE
1794	KIEFHABER, E. / KUESTERS,
H. / SCHMIDT, J. J. /
BACHMANN, H. / KRIEG, B. /
STEIN, E. / THIEM, D. /
WAGNER, K. / HINKELMANN,
B. / SIEP, I.	CONF-690634, 094-100	69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY
USE OF RECENT METHODS AND DATA.

KUHN, D.

917	BARLEON, L. / BAYER, A. /
BRUCKNER, C. / BURKART, K.
/ FIEG, G. / KUHN, D. /
KUSSMAUL, G. / MEISTER, H.
/ SEUFERT, H. / STEGEMANN,
D. / WERLE, H. | ANL-7320, 137-158 | 66-10-10 | EVALUATION OF REACTOR PHYSICS EXPERIMENTS
ON THE COUPLED FAST-THERMAL ARGONAUT
REACTOR STARK |
|-----|--|-------------------|----------|--|

KULEVA, R. V.

693	PONOMAREV-STEPNOI, N. N.
/ SMIRNOV, O. N. /
KULEVA, R. V. | GENEVA-3, 03, 241-
247 | 64-09-00 | INVESTIGATION ON SYSTEM WITH ZIRCONIUM
HYDRIDE MODERATOR |
|-----|---|---------------------------|----------|---|

KUNZE, J. F.

214	LOFTHOUSE, J. H. /
PINCOCK, G. D. / KUNZE,
J. F. / WOOD, R. E. /
HYLAND, R. E.	TANSAO, 09, 340	66-10-00	CAVITY REACTOR CRITICAL EXPERIMENT
1215	SIMS, F. L. / KUNZE, J. F.
/ WALSH, W. P. /
HENDERSON, W. B.	TANSAO, 09, 488-489	66-10-00	FAST-SPECTRUM REFRACTORY-METAL CRITICAL-
EXPERIMENT MEASUREMENTS
1425	PETERSEN, G. T. / KUNZE,
J. F. / WALL, I. B. /
HALLAM, J. W. /
HENDERSON, W. B. /
WARZEK, F. G.	ANL-7320, 195-204	66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE
MSCA AND 710-CE
215	HYLAND, R. E. / PINCOCK,
G. D. / KUNZE, J. F. /
WOOD, R. E.	TANSAO, 10, 008-009	67-06-00	EXPERIMENTAL RESULTS FROM LARGE CAVITY
REACTOR CRITICAL

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

KUNZE, J. F. (CONTD.)

216	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72234	67-09-00	CAVITY REACTOR CRITICAL EXPERIMENT
217	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 10, 419-420	67-11-00	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS
33	PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	NASA-CR-72409	68-05-22	CAVITY REACTOR ENGINEERING MOCKUP CRITICAL EXPERIMENT
48	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72415, GESP-35	68-05-31	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-II
1314	PINCOCK, G. D. / KUNZE, J. F.	GESP-129	68-11-15	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-III
601	KUNZE, J. F. / PINCOCK, G. D. / HYLAND, R. E.	NUAPA, 06, 104-115	69-02-00	CAVITY REACTOR CRITICAL EXPERIMENTS
1964	KUNZE, J. F. / LOFTHOUSE, J. H. / COOPER, C. G.	NSENAO, 47, 59-65	72-01-00	BENCHMARK GAS CORE CRITICAL EXPERIMENT

KUROI, H.

74	HIROTA, J. / KATSURAGI, S. / KUROI, H. / KOINUMA, R. / ISHIGURO, Y.	ATOMIC ENERGY SOC. OF JAPAN, 5, 1, 14-22	63-00-00	ANALYSIS OF THE ENRICHED-URANIUM HEAVY-WATER HOMOGENEOUS SYSTEM

KUSSMAUL, G.

917	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK

KUSTERS, H.

1179	KUSTERS, H. / SCHMIDT, J. J. / BROEDERS, C. H. M. / EISEMANN, E. / METZENROTH, M. / SCHROETER, K. E. / THIEM, D.	KFK-793	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE

KUTCHER, J. W.

1922	KUTCHER, J. W. / DAVIS, E. C. / HEEB, C. M.	TANSAO, 13, 245-246	70-06-00	MTR-PHOENIX FUEL CRITICAL EXPERIMENTS AND ANALYSIS.
1815	KUTCHER, J. W. / DAVIS, E. C.	BNWL-1593	71-06-00	THE MTR-PHOENIX FUEL EXPERIMENT- CRITICAL TEST AND BURNUP RESULTS.

KUZNETSOV, F. M.

692	DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	GENEVA-3, 13, 254-263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

KUZNETSOV, F. M. (CONTD.)

759	DUBOVSKII, B. G. /
KAMAEV, A. V. /
KUZNETSOV, F. M. /
VLADYKOV, G. M. / POPOV,
G. A. / PALAMARCHUK, YU.
D. | JAABA, 19, 775-781 | 65-00-00 | CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS
OF URANIUM NITRATE |
|-----|---|--------------------|----------|---|

L

LABAUVE, R. J.

916	BATTAT, M. E. / LABAUVE,
R. J.	ANL-7320, 130-134	66-10-10	COMPARISON OF MULTIGROUP CROSS-SECTION SETS
USED IN REACTOR CALCULATIONS
795	LABAUVE, R. J. / BATTAT,
M. E.	LA-DC-9216	68-04-04	CRITICALITY AND CENTRAL REACTIVITY
CALCULATIONS USING ENDF/B DATA

LACAPELLE, T.

1795	BARRE, J. Y. / HEINDLER,
M. / LACAPELLE, T. /
RAVIER, J. | CONF-690634, 165-179 | 69-06-24 | LESSONS DRAWN FROM INTEGRAL EXPERIMENTS ON
A SET OF MULTIGROUP CROSS SECTIONS. |
|------|--|----------------------|----------|---|

LACEY, P.G.

1687	LACEY, P.G.	TANSAO, 16, 161	73-06-00	CRITICAL LATTICE DATA IN SUPPORT OF SAFE
FUEL HANDLING CRITERIA. |
|------|-------------|-----------------|----------|---|

LACOGSTRY, B.

291	BERTRAND, J. / BONNAURE,
P. / CLOUET D'ORVAL, C.
/ CORPEL, J. / GIROUSSE,
A. / LACOGSTRY, B. /
PREVOST, I. / SALESSE, H.
/ TACHON, J. / VENDRYES,
C. | GENEVA-2, 12, 539-
562 | 58-09-00 | PROSERPINE, A HOMOGENEOUS CRITICAL
EXPERIMENT WITH PLUTONIUM |
|-----|--|---------------------------|----------|---|

LAMOTTE, H.

820	DEBRUE, J. / MEWISSEN, L.
/ MOTTE, F. / BASSELIER,
J. / DELRUE, R. /
FOSSOUL, E. / HAUBERT, N.
/ LAMOTTE, H. /
STIEVENART, M. / VAN
DEYCK, D.	EURAE-1882	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED
OUT ON 5 PERCENT ENRICHED WATER/URANIUM
DIOXIDE LATTICES
2052	DEBRUE, J. / MEWISSEN, L.
/ MOTTE, F. / BASSELIER,
J. / DELRUE, R. /
FOSSOUL, E. / HAUBERT, N.
/ LAMOTTE, H. /
STIEVENART, M. / VAN
DEYCK, D.	EURAE-1882(ANNEX)	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED
OUT ON 5 PERCENT ENRICHED WATER/URANIUM
DIOXIDE LATTICES

LANE, R. C.

229	DOMINEY, J. R. / LANE, R.
C. / THOMAS, A. F.	AWRE-NR/A-1/62	62-03-00	CRITICAL MASS MEASUREMENTS WITH THIN DISCS
OF 45.5 PERCENT ENRICHED URANIUM
1446	LANE, R. C. / THOMAS, A.
F.	CRIT/OP/3	63-10-09	MEASUREMENT OF THE CRITICAL MASS OF 37.5%
ENRICHED URANIUM REFLECTED BY WOOD,
CONCRETE, OR POLYTHENE

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

LANE, R. C. (CONTD.)

72	LANE, R. C.	IAEA-STOCK.-1965,
177-191	65-11-00	MEASUREMENTS OF THE CRITICAL PARAMETERS OF UNDERMODERATED URANIUM-HYDROGEN MIXTURES AT INTERMEDIATE ENRICHMENTS
29	LANE, R. C. / PERKINS, O. J. E.	AWRE-NR-1/66	66-02-00	MEASUREMENTS OF THE CRITICAL MASS OF 37.5 PERCENT ENRICHED URANIUM IN REFLECTORS OF WOOD, CONCRETE, POLYETHYLENE AND WATER
128	LANE, R. C. / PERKINS, O. J. E.	AWRE-0-32/68	68-07-00	THE MEASUREMENT OF THE CRITICAL SIZE OF A HOMOGENEOUS MIXTURE OF PLUTONIUM AND NATURAL URANIUM OXIDES WITH POLYTHENE
1696	LANE, R. C. / PARKER, C.	AWRE-0-58/73	73-12-00	MEASUREMENT OF THE CRITICAL SIZE OF SOLUTIONS OF PLUTONIUM AND NATURAL URANIUM NITRATES WITH PLUTONIUM/URANIUM RATIO OF 0.3

LANG, P. K. H.

67	CARTER, C. / LANG, P. K. H. / MYATT, G.	AERE-R/R-2731	59-07-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-3, THEORETICAL ANALYSIS

LANNING, D. D.

2060	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 089-094	57-11-12	THE NUCLEAR PARAMETERS OF SOME LARGE PROCESS TUBE LATTICES FROM PCTR MEASUREMENTS
2081	LANNING, D. D. / DONAHUE, D. J. / BENNETT, R. A.	BNL-0489, 085-088	57-11-12	THE NUCLEAR PARAMETERS OF SOME GRAPHITE, NATURAL URANIUM LATTICES MEASURED IN THE PCTR
2080	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	BNL-0489, 069-084	57-11-12	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR
346	DONAHUE, D. J. / LANNING, D. D. / BENNETT, R. A. / HEINEMAN, R. E.	NSENAO, 04, 297-321	58-09-00	DETERMINATION OF K(INF) FROM CRITICAL EXPERIMENTS WITH THE PCTR
13	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24514 (DEL)	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS
1077	KRUESI, F. E. / ERKMAN, J. O. / LANNING, D. D.	HW-24512	60-02-15	CRITICAL MASS STUDIES OF PLUTONIUM SOLUTIONS
1993	KAPLAN, I. / LANNING, D. D. / PROFIO, A. E. / THOMPSON, T. J.	IAEA-AMST.-1963, 2, 109-146	63-09-00	MASSACHUSETTS INSTITUTE OF TECHNOLOGY EXPONENTIAL STUDIES OF LOW-ENRICHMENT, HEAVY-WATER LATTICES

LANTSOV, M. N.

467	KRASININ, A. K. / DUBOVSKY, B. G. / LANTSOV, M. N. / GLAZKOV, Y. Y. / GONCHOROV, R. K. / KAMAEV, A. V. / VAVILOV, V. V. / INYUTIN, E. I. / SENCHEMKOV, A. P.	GENEVA-2, 12, 571-579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM MODERATED REACTOR

LARSEN, R. P.

1963	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON C. D.	NSENAO, 45, 37-46	71-07-00	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

LATHAM, D. W.

802	HILLIG, O. R. / LATHAM, D. W.	TANSAO, 07, 295	64-11-00	MATERIAL BUCKLINGS OF URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES - MEASUREMENTS
741	HILLIG, O. R. / LATHAM, D. W.	NAA-SR-9771	64-12-01	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES. PART 1. EXPERIMENT

LATHROP, K.

491	BLAINE, R. / FROELICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	ANL-7416	68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY

LAUBENSTEIN, R. A.

2083	BROWN, W. W. / CAMPBELL, R. W. / GUDERJAHN, C. A. / LAUBENSTEIN, R. A.	BNL-0489, 217-223	57-11-12	PHYSICS EXPERIMENTS PERFORMED FOR AND ON SODIUM GRAPHITE REACTORS

LAUBY, J. H.

745	LAUBY, J. H.	BNWL-0149, 05-17	65-07-15	SUMMARY OF WATER MODERATED EXPERIMENTS WITH 1.8 WT% PLUTONIUM-ALUMINUM FUEL IN THE PRCF
1962	UOTINEN, V. O. / LAUBY, J. H. / STINSON, W. P. / DWIVEDI, S. R.	NSEAO, 44, 66-71	71-04-00	REACTOR KINETIC PARAMETERS OF LATTICES OF PLUTONIUM AND URANIUM IN WATER
1960	UOTINEN, V. O. / LAUBY, J. H. / SCHMID, L. C. / STINSON, W. P.	NUTYBB, 15, 257-271	72-08-00	LATTICES OF PLUTONIUM-ENRICHED RODS IN LIGHT WATER--PART 1: EXPERIMENTAL RESULTS

LEAMER, R. D.

472	DAVISON, P. W. / BERG, S. / BERGMANN, W. H. / HANLEN, D. F. / JENNINGS, B. / LEAMER, R. D. / HOWARD, J. E.	YAEC-094	59-04-01	YANKEE CRITICAL MEASUREMENTS - MEASUREMENTS ON LATTICES OF STAINLESS STEEL CLAD SLIGHTLY ENRICHED URANIUM DIOXIDE FUEL RODS IN LIGHT WATER
680	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	YAEC-142	59-11-30	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES
681	GROB, V. E. / DAVISON, P. W. / HANLEN, D. F. / LEAMER, R. D. / KELLEY, F. L. / CLEARY, J. D.	WCAP-1412	60-03-30	MULTI-REGION REACTOR LATTICE STUDIES RESULTS OF CRITICAL EXPERIMENTS IN LOOSE LATTICES OF URANIUM DIOXIDE RODS IN WATER
830	LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A.	WCAP-3726-1	67-07-00	PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS

LECLERC, J.

201	BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSE, J. / LECLERC, J. / VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM SOLUTION, EXPERIMENTAL RESULTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

LECLERC, J. (CONTD.)

280	ITHURRALDE, M. F. / KREMSER, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	CEA-R-2488	64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM
-----	---	------------	----------	---

LECORCHE, P.

281	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C. / CAIZERGUES, R. / MOREAU, J. / SOLLIER, G.	CEA-R-2653	64-00-00	CRITICALITY STUDIES
1463	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C.	GENEVA-3, 13, 234- 243	64-09-00	CRITICALITY STUDIES
780	CLOUET D'ORVAL, C. / DEILGAT, E. / HONELLE, M. / LECORCHE, P.	IAEA-STOCK.-1965, 193-213	65-11-00	EXPERIMENTAL RESEARCH IN FRANCE ON CRITICALITY PROBLEMS
65	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3367	67-12-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS SOLUTIONS OF PLUTONIUM - EXPERIMENTAL RESULTS - THEORETICAL INTERPRETATIONS
1898	BARBRY, F. / BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / LECORCHE, P.	CEA-R-3931	69-12-00	THEORETICAL AND EXPERIMENTAL RESEARCH INTO THE HETEROGENEOUS POISONING OF FISSION- MATERIAL SOLUTIONS BY TUBES OR RINGS OF BOROSILICATE GLASS.
1426	CAIZERGUES, R. / DEILGAT, E. / LECORCHE, P. / MAUBERT, L. / REVOL, H.	Y-CDC-9	71-05-00	CRITICALITY OF LIQUID MIXTURES OF HIGHLY URANIUM-235 ENRICHED HEXAFLUORIDE AND HYDROFLUORIC ACID
1685	LECORCHE, P.	TANSAO, 16, 158-159	73-06-00	CRITICAL MASS LABORATORY PROGRAM IN FRANCE.
1692	LECORCHE, P. / MANGIN, D. / MAUBERT, L. / REVOL, H.	CEA-N-1649	73-08-00	CRITICALITY OF 4% URANIUM-235 ENRICHED URANIUM URANYL FLUORIDE SOLUTIONS

LEDANOIS, G.

723	NAUDET, R. / CHABRILLAC, M. / LEDANOIS, G. / LOURME, P.	CEA-R-2477	64-08-00	CRITICAL EXPERIMENTS IN AQUILON WITH FUELS SLIGHTLY ENRICHED IN URANIUM 235 OR IN PLUTONIUM
-----	---	------------	----------	---

LEENDERS, L.

1637	DEBRUE, J. / LEENDERS, L. / MOTTE, F. / VAN DEN BROECK, H. / DERAMAIX, P. / DE WAEGH, F.	TANSAO, 14, 377-379	71-06-00	A BASIC EXPERIMENTAL REACTOR PHYSICS PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM- DIOXIDE/WATER LATTICES
------	---	---------------------	----------	---

LEHTO, W. K.

1834	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	ANL-7882	71-11-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.
------	--	----------	----------	---

LENNOX, D. H.

1954	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342- 346	55-08-00	THE FAST EXPONENTIAL EXPERIMENTS
------	---	---------------------------	----------	----------------------------------

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

LERIDON, A. M.

522	LONG, J. K. / MC VEAN, R. L. / REYNOLDS, A. B. / STEWART, S. L. / WEITZBERG, A. / LERIDON, A. M.	NSENAO, 25, 442-444	66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3
951	MC VEAN, R. L. / GOIN, R. W. / WEITZBERG, A. / LERIDON, A. M. / KREMSER, J.	ANL-7320, 560-568	66-10-10	CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3
108	MC VEAN, R. L. / WEITZBERG, A. / KREMSER, J. / LERIDON, A. M. / LONG, J. K.	ANL-7248	67-03-00	CRITICAL STUDIES OF THE SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR (SEFOR IN ZPR-3 (ASSEMBLY 47)

LESAGE, L. G.

1811	ROBINSON, W. R. / LESAGE, L. G. / POND, R. B.	ANL-7773	71-03-00	SUMMARY OF CRITICAL-MASS CONFIGURATIONS, MATERIAL CONCENTRATIONS, AND CONTROL-ROD WORTHS FOR ZPR-9 ZONED FAST CRITICAL ASSEMBLIES 11-25.
1628	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVADORES, M.	TANSAO, 14, 017-018	71-06-00	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.
1629	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVADORES, M. / STANFORD, G. S.	TANSAO, 14, 018-019	71-06-00	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.

LESLIE, J. K.

1977	WILLIAMS, D. V. P. / MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	ORNL-2128	56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT

LEVINE, S. H.

2078	LEVINE, S. H. / JOHNSON, P. G.	WAPD-TM-0024	56-11-00	AN ALUMINUM-URANIUM CRITICAL ASSEMBLY IN CYLINDRICAL GEOMETRY

LEVINGER, J. S.

1450	SNELL, A. H. / BROLLEY, J. E. / LEVINGER, J. S. / WILKINSON, R.	CF-0589	43-04-17	STUDIES IN A FIVE TON METAL PILE

LEWIS, E. E.

1648	ZOLOTAR, B. A. / SALVADORES, M. / BINGMAN, B. M. / LEWIS, E. E.	TANSAO, 14, 848-849	71-10-00	COMPARATIVE STUDY OF HETEROGENEITY TREATMENTS FOR ZRP PLATE CELLS.

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

LEWIS, R. A.

1791	TILL, C. E. / DAVEY, W. G. / LEWIS, R. A. / PALMER, R. G.	CONF-690634, 040-049	69-06-24	ARGONNE NATIONAL LABORATORY CRITICAL EXPERIMENT PROGRAM.
1628	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATORES, M.	TANSAO, 14, 017-018	71-06-00	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.
1629	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATORES, M. / STANFORD, G. S.	TANSAO, 14, 018-019	71-06-00	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.

LEWIS, R. H.

1001	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	BAW-1191	60-05-00	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT
2007	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	TANSAO, 04, 305	61-11-00	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES
700	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES

LICHTENBERGER, H. V.

267	CERUTTI, B. C. / LICHTENBERGER, H. V. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	NSENAO, 01, 126-134	56-05-00	ZPR-3, ARGONNE'S FAST CRITICAL FACILITY

LIKALA, R. C.

809	LIKALA, R. C. / WORDEN, J. R. / REARDON, W. A.	HW-81659, 26-32	64-04-15	AN ANALYSIS OF URANIUM FUELED LIGHT WATER MODERATED CRITICAL EXPERIMENTS
735	SCHMID, L. C. / STINSON, W. P. / LIKALA, R. C. / WORDEN, J. R.	HW-81659, 04-09	64-04-15	EXPERIMENTS WITH PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUEL ELEMENTS IN LIGHT WATER
815	WORDEN, J. R. / LIKALA, R. C. / REARDON, W. A.	HW-81659, 33-44	64-04-15	AN ANALYSIS OF PLUTONIUM LIGHT WATER CRITICAL EXPERIMENTS
798	LIKALA, R. C. / STINSON, W. P. / WORDEN, J. R.	TANSAO, 07, 216	64-11-00	CRITICAL MASSES AND BUCKLINGS OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER SYSTEMS
891	LIKALA, R. C. / STINSON, W. P.	TANSAO, 09, 127-128	66-06-00	EXPERIMENTAL AND ANALYTICAL RESULTS FOR PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES

LILLEY, J. R.

877	ENGESSER, F. C. / LILLEY, J. R.	HW-55879, 16-23	58-04-29	PLUTONIUM SPIKE ENRICHMENT

LIL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

LILLEY, J. R. (CONTD.)

878	LILLEY, J. R./ ENGESSER, F. C.	HW-55879, 24-25	58-04-29	K(INF) MEASUREMENTS FOR A THREE PIECE, ANNULAR URANIUM DIOXIDE FUEL ELEMENT IN AN 8 INCH TRIANGULAR HEAVY WATER LATTICE
-----	--------------------------------	-----------------	----------	---

LINENBERGER, G. A.

142	PAXTON, H. C./ LINENBERGER, G. A.	LA-0749	49-11-01	POLYTHENE-URANIUM-235 CRITICAL ASSEMBLY AND NEUTRON DISTRIBUTION STUDIES
370	PAXTON, H. C./ ORNDOFF, J. D./ LINENBERGER, G. A.	LA-1159 (DEL)	50-00-00	ORALLOY (ENRICHED URANIUM) HYDRIDE CRITICAL ASSEMBLIES
227	LINENBERGER, G. A. / LOWRY, L. L.	LA-1653	54-04-00	NEUTRON DETECTOR TRAVERSES IN THE TOPSY AND GODIVA CRITICAL ASSEMBLIES
19	JARVIS, G. A./ LINENBERGER, G. A./ PAXTON, H. C.	LA-2044 (DEL)	56-10-17	PLUTONIUM-METAL CRITICAL ASSEMBLIES
141	LINENBERGER, G. A./ ORNDOFF, J. D./ PAXTON, H. C.	NSENAO, 07, 044-057	60-01-00	ENRICHED-URANIUM HYDRIDE CRITICAL ASSEMBLIES
10	JARVIS, G. A./ LINENBERGER, G. A./ ORNDOFF, J. D./ PAXTON, H. C.	NSENAO, 08, 525-531	60-12-00	TWO PLUTONIUM-METAL CRITICAL ASSEMBLIES

LINGENFELTER, R. E.

20	STONE, S. P./ LINGENFELTER, R. E.	UCRL-5913	60-03-00	NEUTRON DIFFUSION THEORY PROGRAMS AND THEIR APPLICATION TO SIMPLE CRITICAL SYSTEMS
257	LINGENFELTER, R. E.	NSENAO, 08, 226-232	60-09-00	CRITICALITY CALCULATIONS OF BERYLLIUM OXIDE-MODERATED ENRICHED URANIUM SYSTEMS

LITTLE, W. W.

969	BENNETT, R. A./ HOFMANN, P. L./ LITTLE, W. W./ MAAS, L. L.	ANL-7320, 785-793	66-10-10	FAST TEST REACTOR: CRITICAL EXPERIMENTS PROGRAM
435	LITTLE, W. W. / HARDIE, R. W./ MAAS, L. L.	BNWL-0347	67-02-01	MULTIGROUP ANALYSIS OF SELECTED FAST CRITICAL ASSEMBLIES
1918	LITTLE, W. W. / KIDMAN, R. B. / SCHENTER, R. E. / O'DELL, L. D. / HARDIE, R. W./ STEWART, K. B.	TANSAO, 13, 304	70-06-00	ANALYSIS OF CRITICAL EXPERIMENTS USING VERSION II OF THE EVALUATED NUCLEAR DATA FILE (ENDF/B).

LLOYD, R. C.

810	CLAYTON, E. D./ LLOYD, R. C.	HW-43441, 33-36	56-05-31	ENRICHED URANIUM - GRAPHITE LATTICES
811	LLOYD, R. C.	HW-47012	56-11-05	ENRICHED URANIUM, GRAPHITE LATTICES
873	LLOYD, R. C.	HW-48893	57-03-06	ENRICHED URANIUM - GRAPHITE LATTICES
1088	LLOYD, R. C.	HW-54591	58-03-05	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN A RANDOM ARRAY, WATER MODERATED NUCLEAR PHYSICS RESEARCH QUARTERLY REPORT
814	LLOYD, R. C.	HW-55879, 09-11	58-04-29	NUCLEAR SAFETY SPECIFICATIONS FOR ENRICHED URANIUM IN THE 1.25-2 PERCENT RANGE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

LLOYD, R. C. (CONTD.)

876	LLOYD, R. C.	HW-55879, 12	58-04-29	BUCKLING MEASUREMENTS FOR FUEL ELEMENTS IN A RANDOM ARRAY
879	LLOYD, R. C. / CLAYTON, E. D. / HANDLER, H. E.	HW-56919	58-07-21	CRITICALITY PARAMETERS FOR LATTICES WITH 1.6 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER
1122	LLOYD, R. C.	HW-57853	58-10-00	BUCKLING MEASUREMENTS OF FUEL ELEMENTS IN RANDOM ARRAYS
238	LLOYD, R. C. / SMITH, R. B.	HW-57861	58-10-20	CRITICALITY MEASUREMENTS ON HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS
239	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-59126	59-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS
881	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-60220, 47-51	59-04-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
883	LLOYD, R. C.	HW-60220, 55-57	59-04-20	EXPONENTIAL MEASUREMENTS WITH 1.25 PERCENT ENRICHED URANIUM
2035	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	TANSAO, 01, 2, 062-063	59-06-00	NEUTRON MULTIPLICATION MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
1126	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-61181, 52-58	59-07-00	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
240	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-62727	59-10-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEM
187	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B. / NEELEY, V. I.	HW-63576, 65-69	60-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM AND WATER SYSTEMS
2013	LLOYD, R. C.	HW-64866, 150-151	60-04-20	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM - WATER SYSTEMS
2012	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-64866, 137-142	60-04-20	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
2014	LLOYD, R. C.	HW-64866, 148-149	60-04-20	EXPONENTIAL EXPERIMENTS WITH POISONED MODERATOR
2015	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-64866, 143-147	60-04-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 3.1% ENRICHED URANIUM RODS IN LIGHT WATER
236	NEELEY, V. I. / CLAYTON, E. D. / LLOYD, R. C.	TANSAO, 03, 292-293	60-06-00	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
846	REARDON, W. A. / LLOYD, R. C.	TANSAO, 03, 070-071	60-06-00	SHAPE PERTURBATIONS IN CRITICAL EXPERIMENTS
130	LLOYD, R. C.	HW-65552	60-06-08	SUMMARY LISTING OF SUBCRITICAL MEASUREMENTS OF HETEROGENEOUS WATER- URANIUM LATTICES MADE AT HANFORD
188	LLOYD, R. C. / CLAYTON, E. D. / JONES, B. L.	HW-66215, 30-33	60-07-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 2.00 PERCENT ENRICHED URANIUM RODS IN LIGHT WATER
192	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-70944	61-08-29	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY ROD IN LIGHT WATER
357	CLAYTON, E. D. / LLOYD, R. C. / REARDON, W. A.	TANSAO, 05, 075-076	62-00-00	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
362	LLOYD, R. C. / CLAYTON, E. D. / REARDON, W. A.	HW-73116	62-04-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

LLOYD, R. C. (CONTD.)

361	LLOYD, R. C. / CLAYTON, E. D.	HW-74190	62-07-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
360	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R.	HW-75228	62-10-25	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
329	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311, 40-47	63-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
359	LLOYD, R. C. / CLAYTON, E. D.	HW-76128	63-01-15	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
358	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311	63-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
970	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-80020, 31-37	64-01-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE POLYSTYRENE COMPACTS
816	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-81659, 45-48	64-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
298	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 07, 081	64-06-00	HOMOGENEOUS CRITICAL EXPERIMENTS WITH PLUTONIUM/PLASTIC MIXTURES IN THE INTERMEDIATE ENERGY RANGE
827	LLOYD, R. C. / SKEEN, D. R. / CLAYTON, E. D.	HW-83187, 10-20	64-07-15	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SPHERICAL GEOMETRY
390	RICHEY, C. R. / LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 21, 217-226	65-02-00	CRITICALITY OF SLIGHTLY ENRICHED URANIUM IN WATER-MODERATED LATTICES
750	BROWN, C. L. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-0052	65-03-00	EXPONENTIAL EXPERIMENTS AND NEUTRON MULTIPLICATION MEASUREMENTS WITH 1.25 PERCENT ENRICHED N-REACTOR FUEL ELEMENTS IN LIGHT WATER
416	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / LLOYD, R. C.	NSENAO, 23, 150-158	65-10-00	CRITICALITY OF HOMOGENEOUS PLUTONIUM OXIDE-PLASTIC COMPACTS AT HYDROGEN TO PLUTONIUM RATIO = 15
777	BROWN, C. L. / LLOYD, R. C.	BNWL-0193, 45-56	65-10-15	MEASUREMENTS OF MATERIAL BUCKLINGS FOR 1.002, 1.25 AND 1.95 PERCENT WEIGHT URANIUM-235 ENRICHED URANIUM TUBE LATTICES IN LIGHT WATER
840	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	TANSAO, 08, 444-445	65-11-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
839	BROWN, C. L. / LLOYD, R. C.	TANSAO, 08, 443-444	65-11-00	RECENT EXPONENTIAL AND CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM METAL TUBES IN LIGHT WATER
779	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	IAEA-STOCK.-1965, 215-233	65-11-00	CRITICALITY RESEARCH ON PLUTONIUM
283	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	BNWL-SA-0232	66-00-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
525	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	NSENAO, 25, 165-173	66-06-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

LLOYD, R. C. (CONTD.)

864	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 56-58	66-10-15	BASIC CRITICALITY EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY
863	LLOYD, R. C. / CLAYTON, E. D.	BNWL-0340, 51-56	66-10-15	NEUTRON INTERACTION EXPERIMENTS WITH BOTTLES OF URANIUM-233 SOLUTIONS
1281	BIERMAN, S. R. / HANSEN, L. E. / WOODRUFF, G. L. / LLOYD, R. C. / HESS, G. M.	BNWL-0340, 46-49	66-10-15	NEUTRON SPECTRA EXPERIMENTS
543	BROWN, C. L. / LLOYD, R. C.	NSENAO, 27, 010-015	67-01-00	MATERIAL BUCKLINGS FOR 1.002, 1.25, AND 1.95 WT% URANIUM-235- ENRICHED URANIUM TUBES IN LIGHT WATER
896	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 10, 188-189	67-06-00	INTERACTING ARRAYS OF CONTAINERS WITH URANIUM-233 SOLUTION
1250	LLOYD, R. C. / CLAYTON, E. D. / CHALMERS, J. H.	NUAPA, 04, 136-141	68-03-00	CRITICALITY OF ARRAYS OF URANIUM-233 SOLUTION
2020	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 11, 381-382	68-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY
2019	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 11, 380-381	68-06-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE - POLYSTYRENE AT 5 HYDROGEN:PLUTONIUM
1276	BIERMAN, S. R. / HANSEN, L. E. / LLOYD, R. C. / CLAYTON, E. D.	NUAPA, 06, 023-026	69-01-00	CRITICAL EXPERIMENTS WITH HOMOGENEOUS PLUTONIUM DIOXIDE-POLYSTYRENE AT 5 HYDROGEN/PLUTONIUM
1260	HANSEN, L. E. / CLAYTON, E. D. / LLOYD, R. C. / BIERMAN, S. R. / JOHNSON, R. D.	NUAPA, 06, 371-380	69-04-00	CRITICAL PARAMETERS OF PLUTONIUM SYSTEMS. PART 1: ANALYSIS OF EXPERIMENTS
1765	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 12, 870-872	69-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION SLABS HAVING HIGH PLUTONIUM-240 CONTENT.
1883	ROGERS, C. A. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-1258	69-11-00	REFLECTOR SAVINGS FOR URANYL NITRATE OF LOW ENRICHMENT.
1757	HANSEN, L. E. / BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 12, 869-870	69-11-00	CRITICALITY OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE AQUEOUS MIXTURES
1733	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 13, 664-665	70-11-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING RASCHIG RINGS.
1622	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E.	TANSAO, 14, 037	71-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTION CONTAINING SOLUBLE GADOLINIUM.
2029	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 15, 307	72-06-00	THE CRITICALITY OF HIGH BURNUP PLUTONIUM
1671	LLOYD, R. C. / CLAYTON, E. D. / BIERMAN, S. R.	TANSAO, 15, 803-804	72-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS.
1676	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 50, 127-134	73-02-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS CONTAINING BORATED RASCHIG RINGS.
1683	LLOYD, R. C. / CLAYTON, E. D. / HANSEN, L. E. / BIERMAN, S. R.	NUTYBB, 18, 225-230	73-06-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SLAB GEOMETRY.
1526	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 269-270	73-11-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS CONTAINING 30 WT% PLUTONIUM

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

LLOYD, R. C. (CONTD.)

1521	BIERMAN, S. R. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 17, 265	73-11-00	CRITICAL EXPERIMENTS TO MEASURE THE NEUTRON POISONING EFFECTS OF COPPER AND COPPER-CADMIUM PLATES
1541	LLOYD, R. C.	TANSAO, 18, 165-166	74-06-00	CRITICALITY OF URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE SOLIDS IN FISSION SOLUTION
1707	LLOYD, R. C. / CLAYTON, E. D.	BNWL-SA-5100	74-07-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM OXIDE -- PLUTONIUM OXIDE SOLIDS IN FISSION SOLUTION CONTAINING GADOLINIUM NITRATE
1545	LLOYD, R. C.	NSENAO, 54, 367-368	74-07-00	CALCULATIONS ON RASCHIG-RING-POISONED PLUTONIUM SOLUTIONS SYSTEMS USING HANSEN--ROACH CROSS SECTIONS
1548	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	NSENAO, 55, 051-057	74-09-00	CRITICALITY OF PLUTONIUM-URANIUM MIXTURES CONTAINING 5 TO 8 WT% PLUTONIUM
1552	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 19, 183-184	74-11-00	CRITICALITY OF HETEROGENEOUS SYSTEMS: URANIUM DIOXIDE/PLUTONIUM DIOXIDE SOLIDS IN FISSION SOLUTION CONTAINING GADOLINIUM NITRATE
1564	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 21, 236-237	75-06-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTION CONTAINING GLASS RASCHIG RINGS
1577	LLOYD, R. C.	TANSAO, 22, 292	75-11-00	EFFECT OF GADOLINIUM ON CRITICALITY OF URANIUM + PLUTONIUM SOLUTIONS
1574	LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 59, 021-026	76-01-00	CRITICALITY SAFETY DATA APPLICABLE TO PROCESSING LIQUID-METAL FAST BREEDER REACTOR FUEL
1588	LLOYD, R. C. / CLAYTON, E. D.	BNWL-B-482	76-04-00	SUMMARY OF CRITICALITY DATA OBTAINED AT BATTELLE PACIFIC NORTHWEST LABORATORIES ON FIXED AND SOLUBLE POISONS IN URANIUM + PLUTONIUM NITRATE SOLUTIONS
1502	LLOYD, R. C. / CLAYTON, E. D. /	NSENAO, 60, 143-146	76-06-00	CRITICALITY OF PLUTONIUM-URANIUM NITRATE SOLUTIONS
1612	LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 23, 234-235	76-06-00	EFFECT OF BORON AND GADOLINIUM ON THE CRITICALITY OF PLUTONIUM-URANIUM SYSTEMS
1940	LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D. / DURST, B. M.	TANSAO, 24, 123-125	76-11-00	CRITICALITY STUDIES OF A NEUTRON MULTIPLIER

LOCKEY, D. J.

2097	LOCKEY, D. J. / PEARSON, H. / POPE, A. L. / WELLS, C. M.	AERE-R/R-2597	56-09-00	EXPONENTIAL EXPERIMENTS WITH NATURAL AND SLIGHTLY ENRICHED URANIUM, GRAPHITE MODERATED SYSTEMS
------	--	---------------	----------	--

LOEWENSTEIN, W. B.

461	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKER, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	ANL-6299	61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS
1469	LOEWENSTEIN, W. B. / MENEGHETTI, D.	ANL-6382	61-07-00	A DESCRIPTION OF INTEGRAL PHYSICS DATA FOR FAST REACTOR DESIGN
403	LOEWENSTEIN, W. B. / MENEGHETTI, D.	IAEA-VIENNA-1961, 415-434	61-08-00	INTEGRAL PHYSICS DATA FOR FAST-REACTOR DESIGN

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

LOEWENSTEIN, W. B. (CONTD.)

1098	DOERNER, R. C. / KNAPP, W. G. / ALMENAS, K. K. / COHN, C. E. / KARAM, R. A. / KATO, W. Y. / LOEWENSTEIN, W. B.	ANL-7110, 215-221	65-12-00	EXPERIMENTAL PHYSICS STUDIES IN TUNGSTEN-BASED FAST REACTORS REACTOR PHYSICS DIVISION ANNUAL REPORT
1096	BUTLER, D. K. / DOERNER, R. C. / KNAPP, W. G. / LOEWENSTEIN, W. B.	ANL-7285	66-00-00	PHYSICS OF FAST REACTORS WITH TUNGSTEN-URANIUM-235 FUEL SUMMARY AND DISCUSSION

LOEWENSTEIN, W. G.

354	LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119-141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3

LOFTHOUSE, J. H.

214	LOFTHOUSE, J. H. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 09, 340	66-10-00	CAVITY REACTOR CRITICAL EXPERIMENT
1964	KUNZE, J. F. / LOFTHOUSE, J. H. / COOPER, C. G.	NSENAO, 47, 59-65	72-01-00	BENCHMARK GAS CORE CRITICAL EXPERIMENT

LOMAKIN, S. S.

834	PONOMAREV-STEPNOI, N. N. / LOMAKIN, S. S.	JAABA, 19, 291-298	65-04-00	STUDY OF A CRITICAL ASSEMBLY CONTAINING A BERYLLIUM MODERATOR

LOMBARD, C.

280	ITHURRALDE, M. F. / KREMSER, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	CEA-R-2488	64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM

LONDEN, S. O.

379	HELLSTRAND, E. / ANDERSSON, T. L. / BRUNFELTER, B. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-207	65-12-00	EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2 OF THE FAST REACTOR FRO
788	ANDERSSON, T. L. / BRUNFELTER, B. / CECCHI, P. F. / HELLSTRAND, E. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I.	AE-233	66-06-00	A SUMMARY REPORT ON ASSEMBLY 3 OF FRO
918	ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J.	ANL-7320, 159-185	66-10-10	EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO

LONG, J. J.

391	BOUREGEOIS, P. / CLAIR, C. / COMTE, C. / LONG, J. J.	IAEA-VIENNA-1961, 313-319	61-08-00	DESCRIPTION OF RACHEL CRITICAL ASSEMBLY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

LONG, J. K.

354	LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119- 141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3
607	HESS, A. L. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6336	60-11-00	CRITICAL STUDIES OF A 450-LITER URANIUM OXIDE FAST REACTOR CORE.
85	HUBER, R. J. / LONG, J. K. / MC VEAN, R. L. / GASIDLO, J. M.	ANL-6401	61-05-00	CRITICAL STUDIES OF A DILUTE CARBIDE FAST REACTOR (CORE ZPR-3 ASSEMBLY 34)
86	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	ANL-6337	61-05-00	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)
398	LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W.	IAEA-VIENNA-1961, 271-285	61-08-00	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS
82	GASIDLO, J. M. / LONG, J. K. / MC VEAN, R. L.	ANL-6338	61-10-00	CRITICAL STUDIES OF A DILUTE FAST REACTOR CORE (ZPR-3 ASSEMBLY 31)
83	AMUNDSON, P. I. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6690	63-02-00	CRITICAL STUDIES OF URANIUM-STEEL AND URANIUM-STEEL-SODIUM FAST REACTOR CORES (ZPR-3 ASSEMBLIES 32 AND 33)
350	AMUNDSON, P. I. / MC VEAN, R. L. / LONG, J. K.	ANL-6733	64-01-00	A TWO-ZONE FAST CRITICAL EXPERIMENTS, ZPR-3 ASSEMBLY 42.
12	GASIDLO, J. M. / LONG, J. K. / KEENEY, W. P.	ANL-6838	64-05-00	DOPPLER EFFECT MEASUREMENTS, SODIUM VOID COEFFICIENTS, AND CRITICAL STUDIES OF A 5000-LITER FAST POWER BREEDER REACTOR BY THE TWO-ZONE METHOD (ZPR-3 ASSEMBLY 43)
1003	THALGOTT, F. W. / LONG, J. K. / DAVEY, W. G. / KATO, W. Y. / CARPENTER, S. G. / MOREWITZ, H. A. / BEST, G. H.	GENEVA-3, 06, 124- 136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS
522	LONG, J. K. / MC VEAN, R. L. / REYNOLDS, A. B. / STEWART, S. L. / WEITZBERG, A. / LERIDON, A. M.	NSENAO, 25, 442-444	66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3
1487	BROOMFIELD, A. M. / AMUNDSON, P. I. / DAVEY, W. G. / GASIDLO, J. M. / HESS, A. L. / KEENEY, W. P. / LONG, J. K.	ANL-7320, 205-215	66-10-10	ZPR-3 ASSEMBLY 48: STUDIES OF A DILUTE PLUTONIUM-FUELED ASSEMBLY
108	MC VEAN, R. L. / WEITZBERG, A. / KREMSER, J. / LERIDON, A. M. / LONG, J. K.	ANL-7248	67-03-00	CRITICAL STUDIES OF THE SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR (SEFOR IN ZPR-3 (ASSEMBLY 47))
1829	HESS, A. L. / GASIDLO, J. M. / LONG, J. K. / AMUNDSON, P. I. / KEENEY, W. P.	ANL-6732	71-06-00	CRITICAL STUDIES OF A 440-LITER FAST- REACTOR CORE FUELED WITH URANIUM ENRICHED TO 17 PERCENT (ZPR-3 ASSEMBLY 41).

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

LOOMIS, M. F.

1097	MENECHETTI, D. / LOOMIS, M. F.	ANL-6218	60-11-00	CALCULATION OF HETEROGENEITY EFFECTS IN ZPR-3 FAST ASSEMBLIES USING THE DSN PROGRAMS
------	--------------------------------	----------	----------	--

LOURME, P.

723	NAUDET, R. / CHABRILLAC, M. / LEDANOIS, G. / LOURME, P.	CEA-R-2477	64-08-00	CRITICAL EXPERIMENTS IN AQUILON WITH FUELS SLIGHTLY ENRICHED IN URANIUM 235 OR IN PLUTONIUM
-----	---	------------	----------	---

LOVOFF, A.

461	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKER, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	ANL-6299	61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS
-----	--	----------	----------	--

LOWRY, L. L.

227	LINENBERGER, G. A. / LOWRY, L. L.	LA-1653	54-04-00	NEUTRON DETECTOR TRAVERSES IN THE TOPSY AND GODIVA CRITICAL ASSEMBLIES
-----	-----------------------------------	---------	----------	--

LU, Y. S.

1932	NOBLE, L. D. / MITZEL, F. / SARMA, B. / WINTZER, D. / LU, Y. S. / KESSLER, G. / PFLASTERER, G. R. / BECKER, R. A. / MANSUR, L.	GEAP-13588	70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.
------	--	------------	----------	--

LUCKOW, W. K.

56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS
----	---	-----------	----------	---

LUDEWIG, H.

1907	PALMEDO, P. F. / LUDEWIG, H. / ARONSON, A. L.	TANSO, 13, 253-254	70-06-00	EFFECT OF HYDROGEN CONTENT OF GRAPHITE IN FAST CRITICAL EXPERIMENTS.
860	LUDEWIG, H.	BNL-RP-1010	70-06-00	AN ANALYSIS OF FOUR METAL CORES USING ENDF/B VERSION 2 DATA

LUIDINGA, F.

1994	COELHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F.	IAEA-AMST.-1963, 2, 233-256	63-09-00	THE CRITICAL FACILITY KRITO
------	--	-----------------------------	----------	-----------------------------

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

LYEPOONSKI, A. I.

437	LYEPOONSKI, A. I. /
KOENYETSOB, V. A. /
ARTUKHOB, G. YA. /
MOGILNYER, A. I. /
PROKHOROV, U. A. /
STEKLOVSKIE, V. M. /
CHYENOV, L. A. | IAEA-VIENNA-1961,
327-343 | 61-08-00 | EXPERIMENTAL STUDIES OF SOME OF THE
PHYSICAL FEATURES OF BERYLLIUM-MODERATED
INTERMEDIATE REACTORS. |
|-----|--|------------------------------|----------|---|

LYNN, J. J.

204	MIHALCZO, J. T. / LYNN, J.
J. / SCOTT, D. / CONNOLLY,
W. C.	ORNL-CF-59-4-120	59-04-22	PRELIMINARY REPORT ON 2% URANIUM-235-
ENRICHED URANIUM TETRAFLUORIDE/PARAFFIN
CRITICAL ASSEMBLIES
210	MIHALCZO, J. T. / LYNN, J.
J.	ORNL-CF-59-7-87	59-07-27	MULTIPLICATION MEASUREMENTS WITH HIGHLY
ENRICHED URANIUM METAL SLABS
2039	MIHALCZO, J. T. / LYNN,
J. J.	TANSAO, 02, 2, 080	59-11-00	MULTIPLICATION MEASUREMENTS WITH SLABS OF
ENRICHED URANIUM
167	MIHALCZO, J. T. / LYNN, J.
J.	ORNL-3016	60-09-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2%
URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE
IN PARAFFIN
21	MIHALCZO, J. T. / LYNN, J.
J.	ORNL-CF-61-04-33	61-04-10	NEUTRON MULTIPLICATION EXPERIMENTS WITH
ENRICHED URANIUM METAL IN SLAB GEOMETRY
1147	MIHALCZO, J. T. / LYNN, J.
J.	ORNL-4193, 131	61-10-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 3
PERCENT URANIUM-235 ENRICHED URANIUM
TETRAFLUORIDE IN PARAFFIN

M

MAAS, L. L.

969	BENNETT, R. A. / HOFMANN,
P. L. / LITTLE, W. W. /
MAAS, L. L.	ANL-7320, 785-793	66-10-10	FAST TEST REACTOR: CRITICAL EXPERIMENTS
PROGRAM
435	LITTLE, W. W. / HARDIE,
R. W. / MAAS, L. L.	BNWL-0347	67-02-01	MULTIGROUP ANALYSIS OF SELECTED FAST
CRITICAL ASSEMBLIES

MACBEAN, I. J.

345	TATTERSALL, R. B. /
SMALL, V. G. / MACBEAN,
I. J. / HOWE, W. D. | AEEW-R376 | 64-00-00 | REACTIVITY CHANGE MEASUREMENTS ON PLUTONIUM-
URANIUM FUEL ELEMENTS IN HECTOR
EXPERIMENTAL TECHNIQUES AND RESULTS |
|-----|---|-----------|----------|--|

MACK, R. J.

2010	WOLFE, W. B. / MACK, R.
J. | TANSAO, 04, 310 | 61-11-00 | SOME RECENT ZERO-POWER PHYSICS MEASUREMENTS
ON THE ORGANIC MODERATED REACTOR EXPERIMENT |
|------|-------------------------------|-----------------|----------|--|

MACKINNEY, A. L.

1499	BALL, R. M. / MACKINNEY,
A. L. | TANSAO, 04, 112-113 | 61-06-00 | INITIAL CRITICALITY AND EXPERIMENTS ON N. S.
SAVANNAH CORE I |
|------|-----------------------------------|---------------------|----------|---|

MACKLIN, R. L.

79	CALLIHAN, A. D. / CRONIN,
D. F. / FOX, J. K. /
MACKLIN, R. L. / MORFITT,
J. W. | K-0406 | 49-11-28 | CRITICAL MASS STUDIES, PART-4 |
|----|---|--------|----------|-------------------------------|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MADDISON, D. W.

1834	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	ANL-7882	71-11-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.
------	--	----------	----------	--

MAGNUSON, D. W.

1977	WILLIAMS, D. V. P. / MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	ORNL-2128	56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT
163	FOX, J. K. / GILLEY, L. W. / GWIN, R. / MAGNUSON, D. W.	ORNL-2842	59-09-00	CRITICAL PARAMETERS OF URANIUM-235 AND URANIUM-233 SOLUTION IN SIMPLE GEOMETRY
114	GWIN, R. / MAGNUSON, D. W.	ORNL-CF-60-40-12	60-09-16	CRITICAL EXPERIMENTS FOR REACTOR PHYSICS STUDIES
145	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-3193, 168	61-09-01	NEW CRITICAL EXPERIMENT MACHINES
1202	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-4193, 168-173	61-10-00	NEW CRITICAL EXPERIMENT MACHINES
1195	MAGNUSON, D. W.	ORNL-3499, 57-58	63-08-01	MEASUREMENT AND CALCULATION OF THE PROMPT-NEUTRON DECAY CONSTANT AND EFFECTIVE BUCKLING AS A FUNCTION OF SIZE FOR HOMOGENEOUS URANIUM SOLUTIONS
1199	MAGNUSON, D. W.	ORNL-3499, 68	63-08-01	DSN TRANSPORT CALCULATIONS OF CRITICAL SPHERES OF URANIUM SOLUTIONS
886	MAGNUSON, D. W.	ORNL-4134, 32-34	67-08-00	ENRICHED URANIUM METAL AND POLYETHYLENE CRITICAL EXPERIMENTS FOR HYDROGEN/URANIUM-235 RATIOS FROM 0 TO 5
45	MAGNUSON, D. W.	ORNL-TM-2082	68-02-00	CRITICAL EXPERIMENTS WITH ENRICHED URANIUM METAL-POLYETHYLENE, -PLEXIGLAS, AND -TEFLON MIXTURES
2021	MAGNUSON, D. W.	TANSAO, 11, 383	68-06-00	CRITICAL EXPERIMENTS AT HYDROGEN:URANIUM-235 RATIOS FROM 0 TO 5
1838	MAGNUSON, D. W.	Y-DR-083	72-05-15	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS. PART-3. ARRAYS OF URANIUM(93.2) METAL SEPARATED BY VARIOUS MATERIALS.
1857	MAGNUSON, D. W.	Y-DR-109	73-04-30	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON INTERACTING UNITS. PART-4. ARRAYS OF URANIUM(93.2) METAL REFLECTED BY CONCRETE AND ARRAYS SEPARATED BY VERMICULITE AND REFLECTED BY POLYETHYLENE.
1522	MAGNUSON, D. W.	TANSAO, 17, 265-266	73-11-00	ARRAY CRITICAL EXPERIMENTS WITH MATERIALS USED IN SHIPPING CONTAINERS
1700	MAGNUSON, D. W.	Y-DR-120	73-11-30	CRITICAL EXPERIMENTS WITH ENRICHED URANIUM DIOXIDE
1710	MAGNUSON, D. W.	ORNL-TM-4767	74-12-00	CRITICALITY CALCULATIONS FOR PLUTONIUM-DIOXIDE/URANIUM-DIOXIDE/WATER MIXTURES USING ENDF/B VERSION III CROSS SECTION DATA AND 123 GROUP XSRDRN TRANSPORT CODE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MAGNUSON, D. W. (CONTD.)

1430	MAGNUSON, D. W.	ORNL/TM-5443	76-05-00	CALCULATED LIMITING CRITICAL CONCENTRATIONS OF PLUTONIUM IN NATURAL URANIUM AND WATER
------	-----------------	--------------	----------	---

MAHALINGAM, L. M.

1781	MAHALINGAM, L. M. / SHANKAR SINGH, R.	PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 408-411	68-12-00	ANALYSIS OF ZPR-3 FAST CRITICAL ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA.
1374	MAHALINGAM, L. M. / SHANKAR SINGH, R.	BARC-421	69-00-00	ANALYSIS OF ZERO POWER REACTOR III ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA

MAIENSCHIEIN, F. C.

2068	HENRY, K. M. / JOHNSON, E. B. / MAIENSCHIEIN, F. C.	CF-55-5-189	55-05-31	PRELIMINARY CRITICAL TESTS USING AQUARIUM FUEL ELEMENTS IN THE BSR GRID
------	---	-------------	----------	--

MAIN, G. W.

833	RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)
923	RUSCH, G. K. / KARAM, R. A. / KATO, W. Y. / MAIN, G. W.	ANL-7320, 231-236	66-10-10	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM CARBIDE CORES
940	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7320, 403-420	66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR PHYSICS PARAMETERS OF ZONED CORES
121	KARAM, R. A. / ANCARANI, A. / HELM, F. / KATO, W. Y. / MAIN, G. W. / RUSCH, G. K.	ANL-7281	66-12-00	MEASURED PHYSICS PARAMETERS IN A ZONED FAST URANIUM CARBIDE CORE, ASSEMBLY 42

MALEWSKI, S.

1814	DABROWSKI, C. / MALEWSKI, S.	INR-1288	71-00-00	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART 1.
1941	MALEWSKI, S. / DABROWSKI, C.	INR-1456/9A/PR/A	73-00-00	PHYSICAL AND GEOMETRICAL PARAMETERS OF ANNA CRITICAL ASSEMBLIES. PART-2
1534	DABROWSKI, C. / MALEWSKI, S.	NUKLEONIKA, 18, 474- 494	73-10-00	ANALYSIS OF THE PHYSICAL PARAMETERS OF THE ANNA CRITICAL ASSEMBLY

MALLARY, E. C.

135	MALLARY, E. C.	LA-1305	51-10-27	ORALLOY CYLINDRICAL SHAPE FACTOR AND CRITICAL MASS MEASUREMENTS IN GRAPHITE, PARAFFIN, AND WATER TAMPERS
-----	----------------	---------	----------	--

MANGIN, D.

1692	LECORCHE, P. / MANGIN, D. / MAUBERT, L. / REVOL, H.	CEA-N-1649	73-08-00	CRITICALITY OF 4% URANIUM-235 ENRICHED URANIUM URANYL FLUORIDE SOLUTIONS
------	---	------------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

MANGIN, D. (CONTD.)
 1935 COLOMB, G. / MANGIN, D. CEA-N-1898 76-09-00 CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS
 / MAUBERT, L. (19% PLUTONIUM-240)

MANN, M. M.
 1986 MANN, M. M. / MARTIN, A. MONP-357 47-08-18 CRITICAL EXPERIMENTS ON A SMALL REACTOR OF
 B. ENRICHED URANIUM-235 WITH ALUMINUM-WATER
 MODERATOR AND DEUTERIUM OXIDE, BERYLLIUM,
 AND WATER REFLECTORS
 1975 MARTIN, A. B. / MANN, M. ORNL-0079 48-08-17 FURTHER CRITICAL EXPERIMENTS ON A SMALL
 M. REACTOR OF ENRICHED URANIUM-235 WITH
 ALUMINUM-WATER MODERATOR AND A BERYLLIUM
 REFLECTOR

MANSFIELD, W. K.
 1996 MANSFIELD, W. K. / KIM, IAEA-AMST.-1963, 1, 63-09-00 EXPONENTIAL EXPERIMENTS WITH WATER AND
 J. M. 457-467 NATURAL URANIUM

MANSUR, L.
 1932 NOBLE, L. D. / MITZEL, F. GEAP-13588 70-03-00 RESULTS OF SEFOR ZERO POWER EXPERIMENTS.
 / SARMA, B. / WINTZER,
 D. / LU, Y. S. / KESSLER,
 G. / PFLASTERER, G. R.
 / BECKER, R. A. / MANSUR,
 L.

MAR, B. W.
 452 CHRISTIE, E. R. / MAR, B. UCRL-6105 60-02-24 HAZARDS SUMMARY REPORT: THE KUKLA PROMPT
 W. CRITICAL ASSEMBLY

MARABLE, J. H.
 867 FOX, J. K. / MARABLE, J. ORNL-1715, 13-14 54-07-14 CRITICALITY DATA FOR URANIUM-ALUMINUM SLUG
 H. LATTICES IN WATER
 165 FOX, J. K. / GILLEY, L. W. NSENAO, 03, 694-697 58-06-00 CRITICAL PARAMETERS OF A PROTON-MODERATED
 / MARABLE, J. H. AND PROTON-REFLECTED SLAB OF URANIUM-235

MARKELOV, I. P.
 692 DUBOVSKII, B. G. / GENEVA-3, 13, 254- 64-09-00 THE CRITICAL PARAMETERS OF AQUEOUS
 KAMAIEV, A. V. / ORLOV, V. 263 SOLUTIONS OF URANIUM NITRATE AND NUCLEAR
 V. / VLADYKOV, G. M. / SAFETY
 GURIN, V. N. / KUZNETSOV,
 F. M. / KOCHERGIN, V. P.
 / MARKELOV, I. P. /
 POPOV, G. A. /
 SVIRIDENKO, V. J.

MARSHALL, J.
 673 CARTER, D. H. / CLARKE, AEEW-R201 64-00-00 MEASUREMENTS OF BUCKLING AND RELATIVE
 W. G. / HUNT, C. / REACTION RATES IN SOME PLUTONIUM-GRAPHITE
 MARSHALL, J. / MC ASSEMBLIES
 CULLOCH, D. B. / SANDERS,
 J. E. / SYMONS, C. R.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MARSHALL, J. E.

1408	KARAM, R. A. / MARSHALL, J. E. / NAKAMURA, T.	TANSAO, 11, 598-599	68-11-00	FLUXES INTRASTRUCTURE IN A LARGE, PLATE-TYPE HETEROGENEOUS URANIUM DIOXIDE FAST CORE (ASSEMBLY-6, ZPR-6)
1769	KARAM, R. A. / MARSHALL, J. E.	TANSAO, 12, 718-719	69-11-00	CRITICAL MASS SENSITIVITY TO THE TREATMENT OF HETEROGENEITY EFFECTS IN A LARGE URANIUM CARBIDE FAST CORE, ASSEMBLY 5 OF ZPR-6.
1747	KARAM, R. A. / MARSHALL, J. E. / DANCE, K. D.	NSENAO, 43, 005-026	71-01-00	ANALYSIS OF HETEROGENEITY AND SODIUM-VOID EFFECTS IN A 2700-LITER URANIUM CARBIDE FAST CORE, ZPR-6 ASSEMBLY 5.
1628	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATOIRES, M.	TANSAO, 14, 017-018	71-06-00	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.
1629	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATOIRES, M. / STANFORD, G. S.	TANSAO, 14, 018-019	71-06-00	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.

MARTELLY, J.

591	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585-606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES

MARTENS, F. H.

2072	MARTENS, F. H.	TID-10020	54-03-00	EXPERIMENTS ON ZERO POWER REACTOR (ZPR-1). PART III
1954	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342-346	55-08-00	THE FAST EXPONENTIAL EXPERIMENTS
1452	MARTENS, F. H.	ANL-5379	55-11-00	THE FAST EXPONENTIAL EXPERIMENT
2088	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5

MARTIN, A. B.

1986	MANN, M. M. / MARTIN, A. B.	MONP-357	47-08-18	CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM-WATER MODERATOR AND DEUTERIUM OXIDE, BERYLLIUM, AND WATER REFLECTORS
1975	MARTIN, A. B. / MANN, M. M.	ORNL-0079	48-08-17	FURTHER CRITICAL EXPERIMENTS ON A SMALL REACTOR OF ENRICHED URANIUM-235 WITH ALUMINUM-WATER MODERATOR AND A BERYLLIUM REFLECTOR

**III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

MARTINELLI, R.

558	BITELLI, G. / MARTINELLI, R. / ORESTANO, F. V. / SANTANDREA, E.	NENAO, 28, 270-276	67-05-00	ANALYSIS OF CRITICAL EXPERIMENTS WITH ORGANIC-MODERATED ASSEMBLIES

MASSON, L. S.

217	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 10, 419-420	67-11-00	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS

MASTERTON, R. H.

175	NEELEY, V. I. / BERBERET, J. A. / MASTERTON, R. H.	HW-66882	61-09-00	K(INF) OF THREE WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TRIOXIDE AND URANYL NITRATE HYDROGENOUS SYSTEMS
172	MASTERTON, R. H. / WHITE, J. D. / POWELL, T. J.	HW-77089	63-03-27	THE LIMITING CRITICAL CONCENTRATIONS FOR PLUTONIUM-239 AND URANIUM-235 IN AQUEOUS SOLUTIONS

MATLOCK, R. G.

1768	MATLOCK, R. G. / KAISER, R. E. / GASIDLO, J. M.	TANSAO, 12, 652-653	69-11-00	REACTIVITY EFFECTS IN CRITICAL FACILITIES DUE TO FISSILE ISOTOPE DECAY.

MATSUBARA, TAKEO

1754	MATSUBARA, TAKEO / MUKOYAMA, TAKESHI / TADA, HIROMITSU / TSUJI, YOSHIO.	NIPPON GENSHIYOKU GAKKAISHI, 11, 600-605	69-04-00	MEASUREMENTS OF LATTICE PARAMETERS WITH A SINGLE FUEL ASSEMBLY IN ORGANIC COOLANT MATERIAL.

MATTHEWS, R. G.

1437	RAY, J. W. / MATTHEWS, R. G. / HOGAN, W. S. / DINGEE, D. A. / CHASTAIN, J. W.	BMI-1501	61-02-21	ML-1-1B CRITICAL-ASSEMBLY STUDIES

MAUBERT, L.

1461	BOULY, J. C. / CAIZERGUES, R. / DEILGAT, E. / HOUELLE, M. / MAUBERT, L.	CEA-R-3946	70-03-00	NEUTRON INTERACTION IN AIR BETWEEN CYLINDRICAL CONTAINERS HOLDING EITHER URANIUM OR PLUTONIUM SOLUTIONS
1426	CAIZERGUES, R. / DEILGAT, E. / LECORCHE, P. / MAUBERT, L. / REVOL, H.	Y-CDC-9	71-05-00	CRITICALITY OF LIQUID MIXTURES OF HIGHLY URANIUM-235 ENRICHED HEXAFLUORIDE AND HYDROFLUORIC ACID
1692	LECORCHE, P. / MANGIN, D. / MAUBERT, L. / REVOL, H.	CEA-N-1649	73-08-00	CRITICALITY OF 4% URANIUM-235 ENRICHED URANIUM URANYL FLUORIDE SOLUTIONS
1935	COLOMB, G. / MANGIN, D. / MAUBERT, L.	CEA-N-1898	76-09-00	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS (19% PLUTONIUM-240)

MAUNDERS, E. J.

724	MAUNDERS, E. J.	AEEW-R348	64-07-00	MEASUREMENTS OF BUCKLING AND PLUTONIUM-239/URANIUM-235 RELATIVE REACTION RATES IN AN UNDERMODERATED GRAPHITE ASSEMBLY FUELED WITH HIGHLY ENRICHED URANIUM-235 AND PLUTONIUM-239

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MAYER, M. S.

468	CAMPBELL, R. W. / DOYAS, R. J. / FIELD, H. C. / GUDERJAHN, C. A. / GUENTHER, R. L. / HAUSKNECT, D. F. / MAYER, M. S. / MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES

MAYO, WENDELL

1863	ANDERSON, JOHN L. / MAYO, WENDELL	N-70-26979	70-05-00	EFFECT OF ADDING LITHIUM NITRIDE, HAFNIUM, TANTALUM, AND TUNGSTEN TO A FAST-SPECTRUM, MOLYBDENUM-REFLECTED CRITICAL ASSEMBLY.

MC COOL, W. J.

1047	MC COOL, W. J. / ROBINSON, R. A. / SCHRADER, E. W. / WEISS, S. H.	NSENAO, 09, 047-054	61-01-00	SM-2 FLEXIBLE CRITICAL EXPERIMENTS

MC CRELESS, T. G.

836	MC CRELESS, T. G. / SMITH, D. R. / JARVIS, G. A. / DUFFEY, D.	TANSAO, 08, 441	65-11-00	NEUTRONIC ISOLATION CHARACTERISTICS OF CONCRETE, LEAD, WOOD POLYETHYLENE AND BERYLLIUM

MC CULLEN, J. D.

364	HORTON, C. C. / MC CULLEN, J. D.	GENEVA-1, 05, 156-161	55-08-00	PLUTONIUM - WATER CRITICAL ASSEMBLIES

MC CULLOCH, D. B.

673	CARTER, D. H. / CLARKE, W. G. / HUNT, C. / MARSHALL, J. / MC CULLOCH, D. B. / SANDERS, J. E. / SYMONS, C. R.	AEEW-R201	64-00-00	MEASUREMENTS OF BUCKLING AND RELATIVE REACTION RATES IN SOME PLUTONIUM-GRAPHITE ASSEMBLIES
784	MC CULLOCH, D. B. / DUERDEN, P. / BRITTLIFF, E.	AAEC/E146	65-12-00	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235 FUELED SUBCRITICAL ASSEMBLIES MODERATED BY BERYLLIUM OXIDE/FERTILE MATERIAL MIXTURES
719	DUERDEN, P. / MC CULLOCH, D. B. / BRITTLIFF, E.	AAEC/E123	66-07-19	BUCKLING AND INTEGRAL SPECTRUM MEASUREMENTS IN URANIUM-235/BERYLLIUM-OXIDE SUBCRITICAL ASSEMBLIES

MC ENHILL, J. J.

75	MC ENHILL, J. J. / WEALE, J. W.	IAEA-VIENNA-1961, 253-262	61-08-00	INTEGRAL EXPERIMENTS ON FAST SYSTEMS OF PLUTONIUM, URANIUM AND THORIUM

MC FARLAND, C. E.

2074	MC FARLAND, C. E. / VOORHIS, A. D.	WAPD-169	57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF DIFFERENT REFLECTOR ARRANGEMENTS AND COMPOSITIONS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

MC FARLANE, H. F.

1942	MC FARLANE, H. F. / BECK, C. L.	ANL-76-112	76-12-00	HIGH- PLUTONIUM-240 SECTOR EXPERIMENTS IN ZPPR ASSEMBLY 4
------	---------------------------------	------------	----------	---

MC GRATH, P. E.

1708	FISCHER, E. A. / MC GRATH, P. E.	EURFNR-1193	74-03-00	PHYSICS INVESTIGATIONS OF TWO PLUTONIUM-FUELED FAST CRITICAL ASSEMBLIES: SNEAK-7A AND 7B
------	----------------------------------	-------------	----------	--

MC KNIGHT, R.D.

1584	MC KNIGHT, R.D.	TANSAO, 22, 723-724	75-11-00	BENCHMARK TESTING USING ENDF/B-III AND -IV
------	-----------------	---------------------	----------	--

MC LENDON, J. D.

2045	CALLIHAN, A. D. / MC LENDON, J. D. / MORFITT, J. W.	K-0644	50-07-11	CRITICALITY TEST ON P-10 ALLOY SLUGS
1979	MC LENDON, J. D. / MORFITT, J. W.	Y-A2-71	52-02-29	CRITICAL MASS TESTS ON ORALLOY MACHINE TURNINGS

MC MAHON, J. P.

56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS
----	---	-----------	----------	---

MC NEANY, S. R.

1728	MC NEANY, S. R. / JENKINS, J. D.	ORNL-TM-5113	76-01-00	COMPARISON OF HANSEN--ROACH AND ENDF/B-IV CROSS SECTIONS FOR URANIUM CRITICALITY CALCULATIONS
------	----------------------------------	--------------	----------	---

MC TAGGART, M. H.

73	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	AWRE-R5/66	66-07-00	INTERIM REPORT ON URANIUM-FUELED VERA REACTOR EXPERIMENTS
94	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	TRG REPORT 1384(D)	66-10-00	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREY FAST REACTOR
954	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	ANL-7320, 590-604	66-10-10	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREY FAST REACTOR
1364	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	TRG REPORT 1539	69-06-13	VERA CORE 18: AN ASSEMBLY BUILT TO TEST CALCULATION METHODS AND DATA FOR D.F.R.
301	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	AWRE-R4/63	74-06-00	INTERIM REPORT ON THE VERA URANIUM-235/GRAPHITE REACTOR EXPERIMENT

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MC VEAN, R. L.

607	HESS, A. L. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6336	60-11-00	CRITICAL STUDIES OF A 450-LITER URANIUM OXIDE FAST REACTOR CORE,
85	HUBER, R. J. / LONG, J. K. / MC VEAN, R. L. / GASIDLO, J. M.	ANL-6401	61-05-00	CRITICAL STUDIES OF A DILUTE CARBIDE FAST REACTOR (CORE ZPR-3 ASSEMBLY 34)
86	AMUNDSON, P. I. / HESS, A. L. / KEENEY, W. P. / LONG, J. K. / MC VEAN, R. L.	ANL-6337	61-05-00	CRITICAL STUDIES OF A DILUTE OXIDE FAST REACTOR CORE (ZPR-3 ASSEMBLY 30)
398	LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W.	IAEA-VIENNA-1961, 271-285	61-08-00	EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS
82	GASIDLO, J. M. / LONG, J. K. / MC VEAN, R. L.	ANL-6338	61-10-00	CRITICAL STUDIES OF A DILUTE FAST REACTOR CORE (ZPR-3 ASSEMBLY 31)
83	AMUNDSON, P. I. / GEMMELL, W. / LONG, J. K. / MC VEAN, R. L.	ANL-6690	63-02-00	CRITICAL STUDIES OF URANIUM-STEEL AND URANIUM-STEEL-SODIUM FAST REACTOR CORES (ZPR-3 ASSEMBLIES 32 AND 33)
80	MC VEAN, R. L. / AMUNDSON, P. I. / BRUNSON, G. S. / GASIDLO, J. M.	ANL-6713	63-04-00	CRITICAL STUDIES OF A SMALL URANIUM CARBIDE FUELED REACTOR WITH A BERYLLIUM REFLECTOR (ZPR-3 ASSEMBLY 40)
350	AMUNDSON, P. I. / MC VEAN, R. L. / LONG, J. K.	ANL-6733	64-01-00	A TWO-ZONE FAST CRITICAL EXPERIMENTS, ZPR-3 ASSEMBLY 42.
522	LONG, J. K. / MC VEAN, R. L. / REYNOLDS, A. B. / STEWART, S. L. / WEITZBERG, A. / LERIDON, A. M.	NSENAO, 25, 442-444	66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3
951	MC VEAN, R. L. / GOIN, R. W. / WEITZBERG, A. / LERIDON, A. M. / KREMSER, J.	ANL-7320, 560-568	66-10-10	CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3
108	MC VEAN, R. L. / WEITZBERG, A. / KREMSER, J. / LERIDON, A. M. / LONG, J. K.	ANL-7248	67-03-00	CRITICAL STUDIES OF THE SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR (SEFOR IN ZPR-3 (ASSEMBLY 47)
1866	HESS, A. L. / KEENEY, W. P. / MC VEAN, R. L.	ANL-7215	70-01-00	EXPERIMENTS WITH A SERIES OF SMALL, PLUTONIUM-PLUS-URANIUM-FUELED FAST-REACTOR CRITICALS (FARET MOCKUP--ZPR-3 ASSEMBLY 46).

MEE, W. T.

87	GWIN, R. / MEE, W. T.	Y-1248	59-03-26	CRITICAL ASSEMBLIES OF URANIUM METAL
----	-----------------------	--------	----------	--------------------------------------

MEEM, J. L.

1909	CARMICHAEL, B. M. / BIGIL, J. C. / MEEM, J. L.	LA-4218	69-08-00	CALCULATION AND INTERPRETATION OF THE UHTREX CRITICAL EXPERIMENTS.
------	--	---------	----------	---

MEHTA, S. L.

1874	MEHTA, S. L. / SERDULA, K. J.	AECL-3416	69-07-00	INTEGRAL MEASUREMENTS FOR 28-ELEMENT URANIUM-DIOXIDE ASSEMBLIES WITH AIR, WATER, AND AIR-WATER MIXTURE COOLANTS
------	----------------------------------	-----------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

MEISTER, H.

833	RUSCH, G. K. / BOHME, E.
R. / DATES, L. R. /
GRIFONI, S. / KATO, W. Y.
/ MAIN, G. W. / MEISTER,
H. / NOZAWA, M. /
STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM
CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)
917	BARLEON, L. / BAYER, A. /
BRUCKNER, C. / BURKART, K.
/ FIEG, G. / KUHN, D. /
KUSSMAUL, G. / MEISTER, H.
/ SEUFERT, H. / STEGEMANN,
D. / WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS
ON THE COUPLED FAST-THERMAL ARGONAUT
REACTOR STARK
1180	BORGWALDT, H. / EDELMANN,
M. / HABERMANN, F. W. A. /
KUBMAUL, G. / MEISTER, H.
/ SEIFRITZ, W. /
STEGEMANN, D.	KFK-899	68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH
DIFFERENT KINETIC METHODS OF REACTIVITY
DETERMINATION
1805	BOEHNEL, K. / MEISTER, H.	EURFNR-0861	70-06-00	FAST REACTOR LATTICE EXPERIMENT FOR
INVESTIGATION OF K(INF) AND REACTION RATE
RATIOS IN SNEAK, ASSEMBLY 5.

MENDELSON, M. R.

414	MENDELSON, M. R.	NSENAO, 32, 319-331	68-06-00	MONTE CARLO CRITICALITY CALCULATIONS FOR
THERMAL REACTORS |
|-----|------------------|---------------------|----------|--|

MENEGHETTI, D.

2088	HUMMEL, H. H. / COHN, C.
E. / FISCHER, G. J. /
KATO, W. Y. / MARTENS, F.
H. / MENEGHETTI, D. /
TOPPEL, B. J.	GENEVA-2, 12, 166-
181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE
COUPLED FAST-THERMAL SYSTEM ZPR-5
1097	MENEGHETTI, D. / LOOMIS,
M. F.	ANL-6218	60-11-00	CALCULATION OF HETEROGENEITY EFFECTS IN ZPR-
3 FAST ASSEMBLIES USING THE DSN PROGRAMS
1469	LOEWENSTEIN, W. B. /
MENEGHETTI, D.	ANL-6382	61-07-00	A DESCRIPTION OF INTEGRAL PHYSICS DATA FOR
FAST REACTOR DESIGN
403	LOEWENSTEIN, W. B. /
MENEGHETTI, D.	IAEA-VIENNA-1961,
415-434	61-08-00	INTEGRAL PHYSICS DATA FOR FAST-REACTOR
DESIGN
396	MENEGHETTI, D.	IAEA-VIENNA-1961,
457-487	61-08-00	RECENT ADVANCES AND PROBLEMS IN THEORETICAL
ANALYSES OF ZPR-3 FAST CRITICAL ASSEMBLIES
1287	MENEGHETTI, D. / WHITE, J.
R.	ANL-7133	64-11-00	CALCULATIONS OF ZPR-3 FAST ASSEMBLIES USING
A TWENTY-SIX-GROUP CROSS-SECTION SET.
937	MENEGHETTI, D.	ANL-7320, 377-385	66-10-10	CALCULATIONAL STUDIES OF SODIUM-VOID
REACTIVITY VARIATIONS DUE TO THIN SLAB
HETEROGENEITIES IN FAST CRITICAL ASSEMBLIES
1631	MENEGHETTI, D. / KEENEY,
W. P. / VOSBURGH, R. O.
/ SIMON, G. G. /
STENSTROM, D. G. /
PHILLIPS, K. E. /
GASIDLO, J. M.	TANSAO, 14, 020-021	71-06-00	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS
CORES AND NEUTRON SPECTRA IN EBR-II
CRITICAL ASSEMBLIES ON ZPR-3.

METCALF, D. R.

2037	SPANO, A. H. / METCALF,
D. R. | TANSAO, 02, 2, 041-
042 | 59-11-00 | EXPERIMENTAL AND THEORETICAL REACTIVITY
STUDIES OF STAINLESS STEEL FUEL ELEMENTS |
|------|----------------------------------|----------------------------|----------|---|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

METZDORF, H. J.

- 890 GREEN, R. E. / KAY, R. E. / OKAZAKI, A. / CASINI, G. / METZDORF, H. J. / PAILLON, M. TANSAO, 09, 123-124 66-06-00 EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD CLUSTERS OF NATURAL URANIUM CARBIDE IN HEAVY WATER MODERATOR

METZENROTH, M.

- 1179 KUSTERS, H. / SCHMIDT, J. J. / BROEDERS, C. H. M. / EISEMANN, E. / METZENROTH, M. / SCHROETER, K. E. / THIEM, D. KFK-793 68-11-00 ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE
- 1409 EISEMANN, E. / KUESTERS, H. / METZENROTH, M. / SCHMIDT, J. J. / SCHROETER, K. E. / THIEM, D. TANSAO, 11, 601-602 68-11-00 ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE

MEWISSEN, L.

- 820 DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D. EURAEC-1882 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
- 2052 DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D. EURAEC-1882(ANNEX) 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES

MEYER-HEINE, A.

- 1920 CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER-HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIKOFF, O. / VIDAL, R. / WITTEK, G. TANSAO, 13, 292-293 70-06-00 JOINT EXPERIMENTS ON MASURCA, ERMINA, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.

MIHALCZO, J. T.

- 1970 FOX, J. K. / MIHALCZO, J. T. / GILLEY, L. W. ORNL-CF-58-8-3 58-08-03 CRITICAL EXPERIMENTS WITH 2.09% URANIUM-235 ENRICHED URANIUM METAL PLATES IN WATER
- 204 MIHALCZO, J. T. / LYNN, J. J. / SCOTT, D. / CONNOLLY, W. C. ORNL-CF-59-4-120 59-04-22 PRELIMINARY REPORT ON 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE/PARAFFIN CRITICAL ASSEMBLIES
- 210 MIHALCZO, J. T. / LYNN, J. J. ORNL-CF-59-7-87 59-07-27 MULTIPLICATION MEASUREMENTS WITH HIGHLY ENRICHED URANIUM METAL SLABS
- 2039 MIHALCZO, J. T. / LYNN, J. J. TANSAO, 02, 2, 080 59-11-00 MULTIPLICATION MEASUREMENTS WITH SLABS OF ENRICHED URANIUM
- 373 MIHALCZO, J. T. ORNL-CF-60-04-24 60-05-03 COMPARISON OF K(INF) MEASUREMENTS IN A CRITICAL ASSEMBLY WITH K(INF) MEASUREMENTS IN THE PHYSICAL CONSTANTS TESTING REACTOR

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

MIHALCZO, J. T. (CONTD.)

847	MIHALCZO, J. T.	TANSAO, 03, 074-075	60-06-00	NEUTRON AGE AND NON-LEAKAGE PROBABILITY FOR A 2 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE - PARAFFIN MIXTURE WITH A HYDROGEN/URANIUM RATIO OF 404
167	MIHALCZO, J. T./ LYNN, J. J.	ORNL-3016	60-09-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2% URANIUM-235-ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN
21	MIHALCZO, J. T./ LYNN, J. J.	ORNL-CF-61-04-33	61-04-10	NEUTRON MULTIPLICATION EXPERIMENTS WITH ENRICHED URANIUM METAL IN SLAB GEOMETRY
34	KINNEY, W. E./ MIHALCZO, J. T.	ORNL-CF-61-08-71	61-08-24	OAK RIDGE NATIONAL LABORATORY FAST BURST REACTOR: CRITICAL EXPERIMENTS AND CALCULATIONS
168	MIHALCZO, J. T./ MILLS, C. B.	NSENAO, 11, 095-096	61-09-00	CRITICALITY OF LOW ENRICHMENT URANIUM-235 IN HYDROGEN
1147	MIHALCZO, J. T./ LYNN, J. J.	ORNL-4193, 131	61-10-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 3 PERCENT URANIUM-235 ENRICHED URANIUM TETRAFLUORIDE IN PARAFFIN
2004	MIHALCZO, J. T. / KINNEY, W. E.	TANSAO, 04, 302-303	61-11-00	EXPERIMENTS AND CALCULATIONS ON UNMODERATED URANIUM-MOLYBDENUM ALLOY CRITICAL ASSEMBLIES
169	MIHALCZO, J. T./ NEELEY, V. I.	NSENAO, 13, 006-011	62-05-00	THE INFINITE MULTIPLICATION CONSTANT OF HOMOGENEOUS HYDROGEN-MODERATED 2.0 WEIGHT PERCENT URANIUM-235-ENRICHED URANIUM
107	MIHALCZO, J. T.	ORNL-TM-0189	62-05-10	REACTIVITY CALIBRATIONS AND FISSION-RATE DISTRIBUTIONS IN AN UNMODERATED, UNREFLECTED URANIUM-MOLYBDENUM ALLOY RESEARCH REACTOR
230	MIHALCZO, J. T.	ORNL-3360, 37-38	62-09-00	PROMPT NEUTRON LIFETIME IN HYDROGEN-MODERATED URANIUM(3) CRITICAL ASSEMBLIES
1194	MIHALCZO, J. T.	ORNL-3360, 39-40	62-09-00	PROMPT-NEUTRON DECAY CONSTANTS FOR UNMODERATED URANIUM METAL CRITICAL ASSEMBLIES WITH LARGE GAPS
1972	MIHALCZO, J. T.	ORNL-TM-0450	62-12-28	A SMALL GRAPHITE-REFLECTED URANIUM-DIOXIDE ASSEMBLY
30	MIHALCZO, J. T.	ORNL-TM-0470	63-01-11	PROMPT NEUTRON DECAY IN A TWO-COMPONENT ENRICHED URANIUM METAL CRITICAL ASSEMBLY
1444	MIHALCZO, J. T.	NSENAO, 16, 291-298	63-07-00	SUPERPROMPT-CRITICAL BEHAVIOR OF AN UNMODERATED, UNREFLECTED URANIUM-MOLYBDENUM ALLOY REACTOR
1448	MIHALCZO, J. T.	ORNL-3499, 49-50	63-08-01	PROMPT-NEUTRON DECAY CONSTANT VERSUS BUCKLING FOR HYDROGEN-MODERATED 3% URANIUM-235-ENRICHED URANIUM
1201	KINNEY, W. E./ MIHALCZO, J. T./ HAPPER, I.	ORNL-3499, 77-81	63-08-01	APPLICATION OF MONTE CARLO CALCULATIONAL TECHNIQUES TO THE STUDY OF FAST CRITICAL ASSEMBLIES
1197	MIHALCZO, J. T.	ORNL-3499, 62-63	63-08-01	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2) METAL
1198	MIHALCZO, J. T.	ORNL-3499, 64-67	63-08-01	PROMPT-NEUTRON DECAY PROPERTIES AND CRITICAL DIMENSIONS OF UNMODERATED CYLINDRICAL URANIUM(93.2) METAL ASSEMBLIES WITH LARGE GAPS
1200	MIHALCZO, J. T.	ORNL-3499, 69	63-08-01	SMALL GRAPHITE-OR BERYLLIUM-REFLECTED URANIUM-DIOXIDE CRITICAL ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MIHALCZO, J. T. (CONTD.)

1475	MIHALCZO, J. T.	TANSAO, 06, 217-218	63-11-00	CRITICAL EXPERIMENTS AND CALCULATIONS WITH ANNULAR CYLINDERS OF URANIUM(93.2) METAL
691	MIHALCZO, J. T.	TANSAO, 07, 048-049	64-06-00	PROMPT NEUTRON LIFETIME IN ENRICHED URANIUM METAL CYLINDERS
2	MIHALCZO, J. T.	NSENAO, 20, 060-065	64-09-00	PROMPT-NEUTRON LIFETIME IN CRITICAL ENRICHED-URANIUM METAL CYLINDERS AND ANNULI
801	IRVING, D. C./ MIHALCZO, J. T.	TANSAO, 07, 287-288	64-11-00	MONTE CARLO CALCULATIONS FOR ENRICHED URANIUM METAL ASSEMBLIES
828	MIHALCZO, J. T.	ORNL-3714, 33	64-12-00	GEOMETRICALLY COMPLICATED CRITICAL ASSEMBLIES OF 93.2 PERCENT ENRICHED URANIUM METAL
832	MIHALCZO, J. T.	ORNL-3714, 36	64-12-00	CRITICAL EXPERIMENTS AND CALCULATIONS WITH REFLECTED ANNULAR CYLINDERS OF URANIUM(93.2) METAL
1159	MIHALCZO, J. T.	ORNL-TM-1220	65-08-19	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS
838	MIHALCZO, J. T.	TANSAO, 08, 442-443	65-11-00	CRITICAL URANIUM METAL ANNULI REFLECTED WITH POLYTHENE AND GRAPHITE
862	MIHALCZO, J. T./ KINNEY, W. E.	ORNL-3858, 19	65-11-00	EXPERIMENTS AND CALCULATIONS ON URANIUM MOLYBDENUM ALLOY CRITICAL ASSEMBLIES
1214	MIHALCZO, J. T.	TANSAO, 09, 489-490	66-10-00	SENSITIVITY OF NEUTRON-SPECTRUM-DEPENDENT QUANTITIES IN URANIUM (93.2 PERCENT URANIUM-235) METAL ASSEMBLIES TO INELASTIC SCATTERING MODELS FOR URANIUM-235
924	MIHALCZO, J. T.	ANL-7320, 237-241	66-10-10	PROMPT-NEUTRON TIME BEHAVIOR IN DELAYED-CRITICAL COUPLED URANIUM-METAL CYLINDERS
953	KISTNER, G./ MIHALCZO, J. T.	ANL-7320, 586-589	66-10-10	CRITICAL EXPERIMENTS WITH A MOCKUP OF THE REPETITIVELY PULSED REACTOR SORA
553	MIHALCZO, J. T.	NSENAO, 27, 557-563	67-03-00	MULTIPLICATION FACTOR OF URANIUM METAL BY ONE-VELOCITY MONTE CARLO CALCULATIONS
1148	MIHALCZO, J. T.	ORNL-4280, 37	68-00-00	PRELIMINARY STATIC EXPERIMENTS WITH THE REPETITIVELY PULSED CRITICAL ASSEMBLY
1209	RAFFETY, S. J./ MIHALCZO, J. T.	ORNL-4280, 51-53	68-00-00	NEUTRON AGE AND INFINITE-MEDIUM NEUTRON MULTIPLICATION FACTOR FOR URANIUM-TETRAFLUORIDE PARAFFIN MIXTURES WITH LOW URANIUM-235 ENRICHMENT
1206	MIHALCZO, J. T.	ORNL-4280, 43	68-00-00	CRITICAL PARAMETERS OF ENRICHED URANIUM METAL PARTLY REFLECTED BY POLYETHYLENE
1205	MIHALCZO, J. T.	ORNL-4280, 41-43	68-00-00	MONTE CARLO CALCULATIONS OF THICK-GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES
32	KISTNER, G./ MIHALCZO, J. T.	ORNL-4263	68-06-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA
2023	MIHALCZO, J. T.	TANSAO, 11, 385-386	68-06-00	MONTE CARLO CALCULATIONS OF THICK-GRAPHITE-REFLECTED URANIUM-METAL CRITICAL ASSEMBLIES
1411	MIHALCZO, J. T.	TANSAO, 11, 603-604	68-11-00	MONTE CARLO CALCULATIONS OF TWO-CORE DELAYED CRITICAL ASSEMBLIES
500	KISTNER, G./ MIHALCZO, J. T.	NSENAO, 35, 027-044	69-01-00	CRITICAL EXPERIMENTS FOR THE REPETITIVELY PULSED REACTOR SORA
250	RAFFETY, S. J./ MIHALCZO, J. T.	Y-OR-014	69-05-02	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT ENRICHED URANIUM IN PARAFFIN

LLL BIBLIOGRAPHY OF 'CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

MIHALCZO, J. T. (CONTD.)

1655	MIHALCZO, J. T.	TANSAO, 14, 675-677	71-10-00	A HIGHLY ENRICHED URANIUM METAL SPHERE ASSEMBLY.
1462	MIHALCZO, J. T.	Y-DR-081	72-04-28	GRAPHITE AND POLYETHYLENE REFLECTED URANIUM-METAL CYLINDERS AND ANNULI
1669	RAFFETY, S. J. / MIHALCZO, J. T.	NSENAO, 48, 433-443	72-08-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT URANIUM-235-ENRICHED URANIUM IN PARAFFIN.
1966	MIHALCZO, J. T.	NSENAO, 49, 489-504	72-12-00	CRITICALITY OF GRAPHITE- AND POLYETHYLENE-REFLECTED URANIUM(93.2)-METAL CYLINDERS AND ANNULI

MILANI, S.

594	MILANI, S. / WEISS, S. H.	WAPD-TM-0614	67-12-23	SMALL URANIUM-233 FUELED SEED-AND-BLANKET CRITICAL EXPERIMENTS (LWBR-LSBR DEVELOPMENT PROGRAM)
-----	---------------------------	--------------	----------	--

MILEY, G. H.

2002	MILEY, G. H. / GILLESPIE, R. D. / POLLARD, J. W. / BISTLINE, J. A.	TANSAO, 04, 299-300	61-11-00	DESCRIPTION AND ANALYSIS OF SOME "OVER-MODERATED" CRITICAL EXPERIMENTS FROM 68-550 DEGREES FARENHEIT
2003	MILEY, G. H. / MILLER, B. / HOLMES, J. H.	TANSAO, 04, 300-301	61-11-00	DESCRIPTION AND ANALYSIS OF SOME SEMI-DISTRIBUTED BORON CORES

MILLER, B.

2003	MILEY, G. H. / MILLER, B. / HOLMES, J. H.	TANSAO, 04, 300-301	61-11-00	DESCRIPTION AND ANALYSIS OF SOME SEMI-DISTRIBUTED BORON CORES
------	---	---------------------	----------	---

MILLS, A. M.

66	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	AERE-R/R-2703	58-11-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS
----	--	---------------	----------	--

MILLS, C. B.

1042	MILLS, C. B.	NSENAO, 09, 377-390	61-03-00	MINIMUM CRITICAL DIMENSIONS FOR WATER SOLUTIONS
168	MIHALCZO, J. T. / MILLS, C. B.	NSENAO, 11, 095-096	61-09-00	CRITICALITY OF LOW ENRICHMENT URANIUM-235 IN HYDROGEN
249	MILLS, C. B.	NSENAO, 13, 301-305	62-08-00	REFLECTOR MODERATED REACTORS
582	MILLS, C. B.	LA-3219-MS	65-04-07	CRITICAL ASSEMBLIES OF FISSIONABLE MATERIALS
297	MILLS, C. B.	LA-3221-MS	65-04-17	REACTOR MINIMUM CRITICAL DIMENSIONS
485	JARVIS, G. A. / MILLS, C. B.	LA-3651	67-03-22	CRITICAL MASS REDUCTION

MIRR, C. H.

1365	CERBONE, R. J. / CROSSIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OULTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969
------	--	---------	----------	--

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MITAKE, S.

1730	MITAKE, S. / WATARUMI, C.
/ MIYAWAKI, Y. / TAKEDA,
E. | BULL. TOKYO INST.
TECH. 96, 1-21 | 70-03-00 | EXPERIMENTAL STUDIES ON 20 PERCENT ENRICHED
URANIUM-LIGHT WATER ASSEMBLY. 3. CRITICAL
BUCKLING MEASUREMENTS. |
|------|---|-------------------------------------|----------|--|

MITZEL, F.

947	KUCHLE, M. / MITZEL, F. /
WATTECAMPS, E. / WERLE, H.	ANL-7320, 506-523	66-10-10	MEASUREMENTS OF NEUTRON SPECTRA AND DECAY
CONSTANTS WITH THE FAST SUBCRITICAL
FACILITY SUAK
1932	NOBLE, L. D. / MITZEL, F.
/ SARMA, B. / WINTZER,
D. / LU, Y. S. / KESSLER,
G. / PFLASTERER, G. R.
/ BECKER, R. A. / MANSUR,
L.	GEAP-13588	70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.

MIYAWAKI, Y.

1730	MITAKE, S. / WATARUMI, C.
/ MIYAWAKI, Y. / TAKEDA,
E. | BULL. TOKYO INST.
TECH. 96, 1-21 | 70-03-00 | EXPERIMENTAL STUDIES ON 20 PERCENT ENRICHED
URANIUM-LIGHT WATER ASSEMBLY. 3. CRITICAL
BUCKLING MEASUREMENTS. |
|------|---|-------------------------------------|----------|--|

MOGILNYER, A. I.

437	LYEPOONSKI, A. I. /
KOENYETSOB, V. A. /
ARTUKHOB, G. YA. /
MOGILNYER, A. I. /
PROKHOROV, U. A. /
STEKLOVSKIE, V. M. /
CHYENOV, L. A. | IAEA-VIENNA-1961,
327-343 | 61-08-00 | EXPERIMENTAL STUDIES OF SOME OF THE
PHYSICAL FEATURES OF BERYLLIUM-MODERATED
INTERMEDIATE REACTORS. |
|-----|--|------------------------------|----------|---|

MOLBERT, M.

279	MOLBERT, M. / SAUVE, A. /
HOUELLE, M. / DEILGAT, E. | CEA-2495 | 64-00-00 | CRITICALITY EXPERIMENTS WITH ANNULAR
CYLINDERS CONTAINING PLUTONIUM SOLUTIONS |
|-----|--|----------|----------|--|

MONSON, H. O.

461	KOCH, L. J. / LOEWENSTEIN,
W. B. / LOVOFF, A. /
HOOKER, H. H. / MONSON,
H. O. / RAMP, R. L. /
HUTTER, E. | ANL-6299 | 61-02-00 | EBR-II DRY CRITICAL EXPERIMENTS,
EXPERIMENTAL PROGRAM, EXPERIMENTAL
PROCEDURES AND SAFETY CONSIDERATIONS |
|-----|--|----------|----------|--|

MOONEYHAM, A. O.

2069	BLY, F. T. / CONEYBEAR,
J. F. / HAAKE, E. V. /
HUNTER, J. A. / KROEGER,
H. R. / MOONEYHAM, A. O.
/ PRESSEY, F. W. /
THORNTON, G. / TOAL, R.
L. / WEINBERG, D. I. | NEPA-1769 | 51-04-51 | NEPA CRITICAL EXPERIMENT FACILITY |
|------|--|-----------|----------|-----------------------------------|

MOORE, R. A.

1489	COHEN, S. C. / MOORE, R.
A. / RUSSELL, J. L. /
SARGIS, D. A. / SHARP, R. | GA-8767 | 68-08-26 | FAST CRITICAL EXPERIMENTS IN SUPPORT OF
THERMIONIC REACTOR PHYSICS |
|------|--|---------|----------|---|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MOORE, R. A. (CONTD.)

1186	COHEN, S. C./ MOORE, R. A./ RUSSELL, J. L.	GA-9100	68-12-13	THE NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT ASSEMBLY NO. 1
1404	COHEN, S. C./ MOORE, R. A./ RUSSELL, J. L.	TANSAO, 12, 221-223	69-06-00	FAST SPECTRUM MEASUREMENTS ON A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT
1345	COHEN, S. C./ MOORE, R. A./ YOUNG, J. C./ RUSSELL, J. L.	NSENAO, 37, 111-126	69-07-00	FAST NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF A HOMOGENEOUS URANIUM-235 POLYETHYLENE CRITICAL ASSEMBLY
1298	MOORE, R. A./ SARGIS, D. A./ COHEN, S. C.	NSENAO, 39, 263-272	70-02-00	INTEGRAL TEST OF ENDF/B AND GAM NEUTRON CROSS-SECTION DATA IN A CLEAN FAST ASSEMBLY

MOREAU, J.

281	BRETON, D./ LECORCHE, P. / CLOUET D'ORVAL, C./ CAIZERGUES, R./ MOREAU, J./ SOLLIER, G.	CEA-R-2653	64-00-00	CRITICALITY STUDIES
280	ITHURRALDE, M. F./ KREMSER, J./ LECLERC, J. / LOMBARD, C./ MOREAU, J. / ROBIN, C.	CEA-R-2488	64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM

MORELAND, P. E.

1963	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON C. D.	NSENAO, 45, 37-46	71-07-00	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA
------	---	-------------------	----------	---

MORET BAILLY, J.

714	BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / MORET BAILLY, J. / VERRIERE, P.	CEA-R-2452	62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE URANIUM-235 - COMPARISON OF EXPERIMENTAL RESULTS
-----	---	------------	----------	--

MOREWITZ, H. A.

2050	BAYARD, R. T. / HOVATTER, K. R. / MOREWITZ, H. A. / ZISSIS, G. J.	WAPD-PM-32	55-10-11	CRITICAL EXPERIMENTS ON LIGHTLY ENRICHED URANIUM-ZIRCONIUM ASSEMBLY
1490	MOREWITZ, H. A. / CARPENTER, S. G. / EGGEN, D. T. / MYHRE, C.	TANSAO, 04, 055-056	61-06-00	SPECIAL FEATURES OF THE ADVANCED EPITHERMAL THORIUM REACTOR CRITICAL ASSEMBLY
402	MOREWITZ, H. A./ CARPENTER, S. G.	IAEA-VIENNA-1961, 287-293	61-08-00	THE EPITHERMAL CRITICAL EXPERIMENTS
468	CAMPBELL, R. W./ DOYAS, R. J./ FIELD, H. C./ GUDERJAHN, C. A./ GUENTHER, R. L./ HAUSKNECT, D. F./ MAYER, M. S./ MOREWITZ, H. A.	NAA-SR-7541	63-06-30	CRITICAL EXPERIMENTS ON SLIGHTLY ENRICHED URANIUM METAL FUEL ELEMENTS IN GRAPHITE LATTICES
1003	THALGOTT, F. W./ LONG, J. K./ DAVEY, W. G./ KATO, W. Y./ CARPENTER, S. G./ MOREWITZ, H. A./ BEST, G. H.	GENEVA-3, 06, 124- 136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

MOREWITZ, H. A. (CONTD.)

427 MOUNTFORD, L. A. / MOREWITZ, H. A. NSENAO, 21, 421-428 65-04-00 THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS

MORFITT, J. W.

162 BECK, C. K. / CALLIHAN, A. D. / MORFITT, J. W. / MURRAY, R. L. K-0343 49-04-19 CRITICAL MASS STUDIES, PART-3

79 CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MACKLIN, R. L. / MORFITT, J. W. K-0406 49-11-28 CRITICAL MASS STUDIES, PART-4

71 CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. K-0643 50-06-30 CRITICAL MASS STUDIES, PART-5

2045 CALLIHAN, A. D. / MC LENDON, J. D. / MORFITT, J. W. K-0644 50-07-11 CRITICALITY TEST ON P-10 ALLOY SLUGS

235 CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P. Y-0801 (DEL.) 51-08-00 CRITICAL MASS STUDIES, PART-6

1979 MC LENDON, J. D. / MORFITT, J. W. Y-A2-71 52-02-29 CRITICAL MASS TESTS ON ORALLOY MACHINE TURNINGS

2051 MORFITT, J. W. Y-1023 53-12-01 MINIMUM CRITICAL MASS AND UNIFORM THERMAL NEUTRON CORE FLUX IN AN EXPERIMENTAL REACTOR

325 CALLIHAN, A. D. / MORFITT, J. W. / THOMAS, J. T. GENEVA-1, 05, 145-155 55-08-00 SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES

MOROSOV, I. G.

2011 UROVA, L. N. / POLYAKOV, A. A. / KLENOV, G. I. / MOROSOV, I. G. / INYUTIN, E. I. / SIDOROV, G. I. AECL-2330, 233-250 64-00-00 A STUDY OF THE PHYSICAL CHARACTERISTICS OF HYDROGEN-CONTAINING REACTORS IN THE CRITICAL REGION

MORRIS, F. M.

1712 ESTES, B. F. / MORRIS, F. M. / PHILBIN, J. S. SLA-74-0271 75-02-00 CRITICALITY EVALUATION OF THE ACPR FUEL-ELEMENT STORAGE RACK

MORTON, J. R.

59 MORTON, J. R. / SHON, F. J. / WEIRICH, T. F. / GARDNER, L. L. UCRL-6729 62-01-02 REACTIVITY EFFECTS OF VARIOUS REFLECTORS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE MODERATED, ORALLOY-FUELED SYSTEMS

62 PIOWATY, J. M. / MORTON, J. R. / GARDNER, L. L. UCRL-7262 63-02-27 COUPLING EFFECTS OF HAFNIUM CONTROL RODS IN A NEAR-HOMOGENEOUS, BERYLLIUM-OXIDE-MODERATED, ORALLOY-FUELED SYSTEM

57 MORTON, J. R. / PIOWATY, J. M. / PETRUZZI, J. / GARDNER, L. L. UCRL-7686 64-02-05 A STUDY OF BERYLLIUM OXIDE MODERATED CRITICAL ASSEMBLIES CONTAINING VARIOUS METAL ABSORBERS

609 MORTON, J. R. IAEA-KARLS.-1965, 2, 193-218 65-05-00 STUDY OF SOLID-MODERATED ENRICHED URANIUM EPITHERMAL SYSTEMS BY THE PULSED NEUTRON TECHNIQUE

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

MORTON, J. R. (CONTD.)

768	KOLAR, O. C. / MORTON, J. R. / PRUVOST, N. L.	IAEA-STOCK.-1965, 315-335	65-11-00	INTERACTION IN ARRAYS OF FISSIONABLE MATERIALS
889	MORTON, J. R. / PIERCE, G. A. / GARDNER, L. L. / BALL, C. J.	UCRL-50175	66-12-22	SUMMARY REPORT OF CRITICAL EXPERIMENTS PLUTONIUM ARRAY STUDIES, PHASE I
2017	PIERCE, G. A. / MORTON, J. R.	TANSAO, 11, 378-379	68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM ARRAYS - PART 1

MOSS, L. I.

1484	MOSS, L. I. / PODEWELTZ, C. M. / RANDALL, R. L. / SHAPIRO, J. L. / WIMMER, R. E.	TANSAO, 04, 053-054	61-06-00	ANALYTICAL AND EXPERIMENTAL RESULTS FOR A COMPACT, ZIRCONIUM HYDRIDE MODERATED CRITICAL ASSEMBLY
708	MOSS, L. I.	NAA-SR-8490	63-09-15	EXPERIMENTS WITH WATER-REFLECTED, UNDERMODERATED, ZIRCONIUM HYDRIDE CRITICAL ASSEMBLIES

MOTTE, F.

820	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAE-1882	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
2052	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAE-1882(ANNEX)	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
1637	DEBRUE, J. / LEENDERS, L. / MOTTE, F. / VAN DEN BROECK, H. / DERAMAIX, P. / DE WAECH, F.	TANSAO, 14, 377-379	71-06-00	A BASIC EXPERIMENTAL REACTOR PHYSICS PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE/WATER LATTICES

MOUNTFORD, L. A.

2042	ZWETZIG, G. B. / BELLER, L. S. / FIELD, H. C. / MOUNTFORD, L. A. / TUTTLE, R. J.	TANSAO, 02, 2, 085-086	59-11-00	INITIAL EXPERIMENTS WITH THE ORGANIC-MODERATED REACTOR CRITICAL ASSEMBLY
427	MOUNTFORD, L. A. / MOREWITZ, H. A.	NSENAO, 21, 421-428	65-04-00	THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS
1375	SPRINGER, T. H. / TUTTLE, R. J. / MOUNTFORD, L. A.	A1-AEC-12884	69-11-15	QUARTERLY TECHNICAL PROGRESS REPORT LMFBR PHYSICS PROGRAMS JULY-SEPTEMBER 1969
1963	KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON, C. D.	NSENAO, 45, 37-46	71-07-00	AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA
1834	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	ANL-7882	71-11-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

MOWERY, A. L.

1722	MOWERY, A. L.	WANL-TME-749	64-04-15	ANALYSIS IN SUPPORT OF THE FLEXIBLE CRITICAL EXPERIMENT
------	---------------	--------------	----------	--

MUELLER, R. A.

2091	FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-3555	66-08-00	CRITICAL MASS STUDIES WITH THE NASA ZERO POWER REACTOR II. II- HETEROGENEOUS ARRAYS OF CYLINDRICAL VOIDS
2092	FIENO, D. / FOX, T. A. / MUELLER, R. A. / FORD, C. H.	NASA-TN-D-5487	69-10-00	ANALYSIS AND EXPERIMENTS WITH A PULSED NEUTRON SOURCE FOR AN UNREFLECTED SOLUTION REACTOR UP TO 50 DOLLARS SHUTDOWN
2090	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TN-D-5956	70-08-00	PULSED-NEUTRON-SOURCE STUDIES WITH THE NASA ZERO POWER REACTOR II
1991	FOX, T. A. / MUELLER, R. A. / FIENO, D.	NASA-TM-X-2381	71-09-00	CRITICALITY STUDY OF NASA SOLUTION REACTORS WITH 25.4 CENTIMETER- DIAMETER CYLINDRICAL STAINLESS-STEEL TANKS

MUELLER, R. E.

955	MUELLER, R. E. / NIMS, J. B. / CALLEN, R. C.	ANL-7320, 605-628	66-10-10	STATIC PHYSICS MEASUREMENTS IN THE FERMI REACTOR
1649	MUELLER, R. E. / PAGE, E. M. / KOMATA, M.	TANSAO, 14, 849-850	71-10-00	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL ASSEMBLIES. PART 1. METHODS.
1650	PAGE, E. M. / MUELLER, R. E.	TANSAO, 14, 851-852	71-10-00	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL EXPERIMENTS. PART-2. ANALYSIS.

MUKOYAMA, TAKESHI

1754	MATSUBARA, TAKEO/ MUKOYAMA, TAKESHI/ TADA, HIROMITSU/ TSUJI, YOSHIO.	NIPPON GENSIRYOKU GAKKAISHI, 11, 600- 605	69-04-00	MEASUREMENTS OF LATTICE PARAMETERS WITH A SINGLE FUEL ASSEMBLY IN ORGANIC COOLANT MATERIAL.
------	--	---	----------	---

MUMMERY, P. W.

624	BEVAN, G. / MUMMERY, P. W. / SALMON, A. J. / THOMPSON, M. W.	AERE-R/R-2602	54-11-00	EXPONENTIAL EXPERIMENTS FOR PIPPA MK. 1 (DECLASSIFIED VERSION OF AERE-RP/R-1545)
-----	--	---------------	----------	---

MURRAY, R. L.

241	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	A-4716	47-06-00	CRITICAL MASS STUDIES, PART 1
162	BECK, C. K. / CALLIHAN, A. D. / MORFITT, J. W. / MURRAY, R. L.	K-0343	49-04-19	CRITICAL MASS STUDIES, PART-3
294	BECK, C. K. / CALLIHAN, A. D. / MURRAY, R. L.	K-0126	64-00-00	CRITICAL MASS STUDIES, PART-2

MYATT, G.

67	CARTER, C. / LANG, P. K. H. / MYATT, G.	AERE-R/R-2731	59-07-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-3, THEORETICAL ANALYSIS
----	--	---------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

MYHRE, C.

1490	MOREWITZ, H. A. /
CARPENTER, S. G. / EGGEN,
D. T. / MYHRE, C. | TANSAO, 04, 055-056 | 61-06-00 | SPECIAL FEATURES OF THE ADVANCED EPITHERMAL
THORIUM REACTOR CRITICAL ASSEMBLY |
|------|---|---------------------|----------|--|

N

NAKAMURA, T.

968	HIROTA, J. / NOMOTO, S. /
NAKAMURA, T. / IJIMA, T.
/ HIRAKAWA, T. / HIRAKAWA,
N. | ANL-7320, 776-784 | 66-10-10 | THE JAERI FAST CRITICAL FACILITY |
|-----|---|-------------------|----------|----------------------------------|

1408	KARAM, R. A. / MARSHALL,
J. E. / NAKAMURA, T. | TANSAO, 11, 598-599 | 68-11-00 | FLUXES INTRASTRUCTURE IN A LARGE, PLATE-
TYPE HETEROGENEOUS URANIUM DIOXIDE FAST
CORE (ASSEMBLY-6, ZPR-6) |
|------|--|---------------------|----------|---|

NAKANO, M.

1142	HIROTA, J. / NOMOTO, S. /
HIRAKAWA, N. / NAKANO, M. | J. NUC. SCI. TECH.,
06, 035-042 | 69-01-00 | STUDIES OF THE CRITICALITY OF 20 PERCENT
ENRICHED URANIUM FAST CRITICAL ASSEMBLIES
(FCA-I) |
|------|--|------------------------------------|----------|--|

NASEBAND, F. J.

1550	BLOSER, M. / KIRCH, N. /
KRINGS, F. J. / NASEBAND,
F. J. / PAUL, N. | NSENAO, 55, 129-146 | 74-10-00 | MEASUREMENTS AT THE CRITICAL FACILITY FOR
THE IN-CORE THERMIONIC REACTOR AND
COMPARISON WITH CALCULATIONS |
|------|---|---------------------|----------|---|

NAUDET, R.

1873	BACHER, P. / NAUDET, R.	JAABA, 13, 112-127
(ANL-TRANS-787)	61-00-00	MEASUREMENTS OF BUCKLINGS BY THE
PROGRESSIVE REPLACEMENT METHOD.
723	NAUDET, R. / CHABRILLAC,
M. / LEDANOIS, G. /
LOURME, P.	CEA-R-2477	64-08-00	CRITICAL EXPERIMENTS IN AQUILON WITH FUELS
SLIGHTLY ENRICHED IN URANIUM 235 OR IN
PLUTONIUM

NEEF, R. D.

1572	DRUEKE, V. / FILGES, S.
/ KIRCH, N. / NEEF, R. D. | NSENAO, 57, 328-332 | 75-08-00 | EXPERIMENTAL AND THEORETICAL STUDIES OF
CRITICALITY SAFETY BY INGRESS OF WATER IN
SYSTEMS WITH PEBBLE-BED HIGH-TEMPERATURE
GAS-COOLED REACTOR FUEL |
|------|--|---------------------|----------|---|

NEELEY, V. I.

882	NEELEY, V. I. / BERBERET,
J. A.	HW-60220, 52-54	59-04-20	MEASUREMENTS OF $K(\infty)$ FOR 3 PERCENT
ENRICHED URANIUM FLUORIDE-HYDROGEN
MODERATED SYSTEMS
880	NEELEY, V. I.	HW-60220, 35-45	59-04-20	MEASUREMENT OF $K(\infty)$ FOR 2 PERCENT
ENRICHED URANIUM TETRAFLUORIDE-PARAFFIN
MIXTURE
647	NEELEY, V. I.	HW-62031	59-09-22	A COMPARISON OF PCTR AND CRITICAL
EXPERIMENT DETERMINATION OF $K(\infty)$ FOR 2
WEIGHT PERCENT URANIUM-235. ENRICHED
URANIUM TETRAFLUORIDE IN PARAFFIN
187	LLOYD, R. C. / CLAYTON, E.
D. / SMITH, R. B. /
NEELEY, V. I.	HW-63576, 65-69	60-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.
1 PERCENT ENRICHED URANIUM AND WATER SYSTEMS

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

NEELEY, V. I. (CONTD.)

2012	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-64866, 137-142	60-04-20	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
236	NEELEY, V. I. / CLAYTON, E. D. / LLOYD, R. C.	TANSAO, 03, 292-293	60-06-00	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY RODS IN LIGHT WATER
166	NEELEY, V. I. / HANDLER, H. E.	HW-70310	61-08-21	MEASUREMENT OF MULTIPLICATION CONSTANT FOR SLIGHTLY ENRICHED HOMOGENEOUS URANIUM TRIOXIDE - WATER MIXTURES AND MINIMUM ENRICHMENT FOR CRITICALITY
192	NEELEY, V. I. / LLOYD, R. C. / CLAYTON, E. D.	HW-70944	61-08-29	NEUTRON MULTIPLICATION MEASUREMENTS WITH PLUTONIUM-ALUMINUM ALLOY ROD IN LIGHT WATER
175	NEELEY, V. I. / BERBERET, J. A. / MASTERTON, R. H.	HW-66882	61-09-00	K(INF) OF THREE WEIGHT PERCENT URANIUM-235 ENRICHED URANIUM TRIOXIDE AND URANYL NITRATE HYDROGENOUS SYSTEMS
169	MIHALCZO, J. T. / NEELEY, V. I.	NSENAO, 13, 006-011	62-05-00	THE INFINITE MULTIPLICATION CONSTANT OF HOMOGENEOUS HYDROGEN-MODERATED 2.0 WEIGHT PERCENT URANIUM-235-ENRICHED URANIUM

NEILL, J. M.

1091	PRESKITT, C. A. / D'OULTREMONT, P. / NEILL, J. M. / YOUNG, J. C.	GA-9140	68-11-01	(FAST REACTOR SPECTRUM MEASUREMENTS QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1968)
1365	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OULTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

NELSON, J. V.

1921	BENNETT, R. A. / ENGSTROM, S. L. / NELSON, J. V. / YOUNG, W. R.	TANSAO, 13, 291	70-06-00	STATISTICALLY SIGNIFICANT BIASES IN THE FTR NEUTRONICS MODEL.
------	---	-----------------	----------	---

NESTOR, C. W.

2038	NESTOR, C. W.	TANSAO, 02, 2, 042-043	59-11-00	A COMPARISON OF SOME CRITICALITY CALCULATIONS WITH EXPERIMENT
------	---------------	------------------------	----------	---

NEUER, J. J.

186	NEUER, J. J. / STEWART, C. B.	LA-2023	56-10-31	PRELIMINARY SURVEY OF URANIUM METAL EXPONENTIAL COLUMNS
97	NEUER, J. J.	LA-2085	57-01-28	CRITICAL ASSEMBLY OF URANIUM METAL AT AN AVERAGE URANIUM-235 CONCENTRATION OF 16-1/4 PERCENT

NEUHOLD, R. J.

1373	NEUHOLD, R. J.	BAW-3867-09, VOL 4	69-11-00	FAST BREEDER REACTOR STATIC PHYSICS METHODS DEVELOPMENT AND ANALYSIS PROJECT VOLUME 4 - PRODUCTION TESTS AND SENSITIVITY STUDIES USING THE FARED CODE
------	----------------	--------------------	----------	---

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

NEWBY, G. A.

39	PETERSON, R. E. / NEWBY, G. A.	LA-1614	53-09-00	LADY GODIVA: AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY
4	PETERSON, R. E. / NEWBY, G. A.	TANSAO, 01, 112-125	56-05-00	AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY

NEWHOLD, R. J.

850	HARTFIELD, R. A. / FINN, H. F. / NEWHOLD, R. J. / VOLLMER, R. H.	TANSAO, 03, 109	60-06-00	CRITICAL EXPERIMENTS IN SLAB GEOMETRIES

NEWLON, C. E.

456	HENRY, H. F. / NEWLON, C. E. / KNIGHT, J. R.	K-1478	61-07-11	EXTENSIONS OF NEUTRON INTERACTION CRITERIA
2022	JOHNSON, E. B. / NEWLON, C. E.	TANSAO, 11, 383-384	68-06-00	THE EFFECT OF STEEL - WATER REFLECTORS ON THE CRITICALITY OF LOW-ENRICHED URANYL FLUORIDE SOLUTION

NEWMAN, D. F.

1227	NEWMAN, D. F. / DAVENPORT, L. C.	BNWL-1240	69-11-30	NEUTRON FLUX SPECTRUM STUDIES IN THE PCFR FAST NEUTRON CAVITY

NEWMARK, B.

1630	KAISER, R. E. / AMUNDSON, P. I. / FORRESTER, R. J. / NEWMARK, B.	TANSAO, 14, 019-020	71-06-00	MEASUREMENT AND ANALYSIS OF SPACE-DEPENDENT PARAMETERS IN A DEMONSTRATION PLANT BENCHMARK CRITICAL.

NGUYEN-NGOC, H.

1867	NGUYEN-NGOC, H. / CHARBONNEAU, S.	CEA-N-1276	70-10-00	CESAR AND CONCORDE. APPLICATION OF THE CONCORDE HEXAGONAL SYNTHESIS PROGRAM TO EXPERIMENTS ON THE CESAR CRITICAL REACTOR.

NICHOLSON, R. B.

1913	PALMER, R. G. / PLUMMER, J. P. / NICHOLSON, R. B.	TANSAO, 13, 253	70-06-00	TESTING OF HETEROGENEITY METHODS USED IN FAST REACTOR CRITICAL ANALYSES BY COMPARISON WITH THEORETICAL (GEDANKEN) EXPERIMENTS.

NICKEL, A. N.

1113	SCHUSKE, C. L. / ARTHUR, M. G. / GOODWIN, A. / NICKEL, A. N. / SMITH, D. F.	RFP-0089	57-11-27	SUBCRITICAL MEASUREMENTS ON PARALLELEPIPEDS CONTAINING URANIUM-235 AND SALT EUTECTIC

NIELSEN, L. A.

1583	TOFFER, H. / NIELSEN, L. A.	TANSAO, 22, 292-295	75-11-00	SUBCRITICAL MEASUREMENTS WITH IRRADIATED AND UNIRRADIATED URANIUM METAL FUEL ELEMENTS

NIJS, W. W.

1994	COELHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. /	IAEA-AMST.-1963, 2, 233-256	63-09-00	THE CRITICAL FACILITY KRITO

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

NIJS, W. W. (CONTD.)
LUIDINGA, F.

NIKOLAYEV, M. N.

404	NIKOLAYEV, M. N. / GOLOBOBYEV, V. I. / ABAGYAN, A. A. / ORLOV, M. U.	IAEA-VIENNA-1961, 403-412	61-08-00	NEUTRON PROPAGATION IN THE NICKEL SCREEN OF FAST REACTOR.
-----	---	------------------------------	----------	--

NIMS, J. B.

955	MUELLER, R. E. / NIMS, J. B. / CALLEN, R. C.	ANL-7320, 605-628	66-10-10	STATIC PHYSICS MEASUREMENTS IN THE FERMI REACTOR
-----	---	-------------------	----------	---

NIRSCHL, R. J.

900	BARDES, R. G. / GILLETTE, E. M. / NIRSCHL, R. J. / TRAYLOR, R. C.	TANSAO, 10, 198	67-06-00	EXPERIMENTAL AND ANALYTICAL DETERMINATION OF THE REACTIVITY WORTHS OF URANIUM-233, URANIUM-235, URANIUM-236 AND NEPTUNIUM-237 SAMPLES IN A SERIES OF URANIUM-235-GRAPHITE CRITICAL ASSEMBLIES
-----	---	-----------------	----------	---

NISHIMURA, K.

1491	INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL	TANSAO, 04, 056-057	61-06-00	THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY
------	--	---------------------	----------	---

NOAKS, J. W.

1969	NOAKS, J. W. / CRUDELE, J. S.	ORNL-CF-54-12-21	54-12-01	PRELIMINARY CRITICAL ASSEMBLY FOR SUPER CRITICAL WATER REACTOR, PART-2
2064	NOAKS, J. W. / JOHNSON, W. R.	APAE-08	57-02-08	ARMY PACKAGE POWER REACTOR ZERO POWER EXPERIMENTS (ZPE-1)
2055	NOAKS, J. W.	APAE-36	58-07-16	THE ALCO PRODUCTS, INC. CRITICALITY FACILITY. DESCRIPTION AND OPERATION

NOBLE, L. D.

1932	NOBLE, L. D. / MITZEL, F. / SARMA, B. / WINTZER, D. / LU, Y. S. / KESSLER, G. / PFLASTERER, G. R. / BECKER, R. A. / MANSUR, L.	GEAP-13588	70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.
------	---	------------	----------	--

NOMOTO, S.

968	HIROTA, J. / NOMOTO, S. / NAKAMURA, T. / IIJIMA, T. / HIRAKAWA, T. / HIRAKAWA, N.	ANL-7320, 776-784	66-10-10	THE JAERI FAST CRITICAL FACILITY
1142	HIROTA, J. / NOMOTO, S. / HIRAKAWA, N. / NAKANO, M.	J. NUC. SCI. TECH., 06, 035-042	69-01-00	STUDIES OF THE CRITICALITY OF 20 PERCENT ENRICHED URANIUM FAST CRITICAL ASSEMBLIES (FCA-I)
1658	NOMOTO, S. / IIJIMA, T.	NIPPON GENSIRYOKU GAKKAISHI, 13, 582- 597	71-10-00	CURRENT STATUS OF FAST REACTOR CRITICAL EXPERIMENTS.

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

NONE

698	NONE	BAW-1218	60-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 2
699	NONE	BAW-1221	61-06-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 4
701	NONE	BAW-1240	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 5
702	NONE	BAW-1250	62-03-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 6
703	NONE	BAW-1259	62-06-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM QUARTERLY TECHNICAL REPORT NUMBER 7
758	NONE	ANL-7082	65-08-24	FARET CRITICALS
1171	NONE	EACRP-L-62, VOLS. 1 AND 2	65-10-00	NEUTRON SPECTRA
247	NONE	ORNL-TM-0349, REV. 1	67-00-00	A SAFETY ANALYSIS OF THE OAK RIDGE CRITICAL EXPERIMENTS FACILITY
1189	NONE	GA-8280, 135-145	67-10-30	STUDIES IN URANIUM-235
1134	NONE	GEMP-629	68-08-08	CAVITY REACTOR CRITICAL EXPERIMENT PROGRESS REPORT FOR THE PERIOD INCEPTION THROUGH JULY 31, 1968
1371	NONE	LA-4207-MS	69-07-10	QUARTERLY STATUS REPORT ON: ULTRA HIGH TEMPERATURE REACTOR EXPERIMENT (UHTREX), FOR PERIOD ENDING APRIL 30, 1969

NOORDHOFF, B. H.

2059	BROWN, J. R. / NOORDHOFF, B. H. / PROFIO, A. E. / BATESON, W. O.	WAPD-117	54-11-00	REACTOR PROPERTIES OF WATER MODERATED SLIGHTLY ENRICHED URANIUM LATTICES
183	BROWN, J. R. / NOORDHOFF, B. H. / BATESON, W. O.	WAPD-128	55-05-00	CRITICAL EXPERIMENTS ON A HIGHLY ENRICHED HOMOGENEOUS REACTOR
2076	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER

NORRIS, R. J.

1741	KAISER, R. E. / NORRIS, R. J. / PAIK, N. C.	TANSAO, 13, 734-735	70-11-00	MATERIAL WORTH MEASUREMENTS IN THE BENCHMARK CRITICAL ASSEMBLY ON ZPPR.
1739	KAISER, R. E. / NORRIS, R. J. / OLSON, A. P. / PAIK, N. C.	TANSAO, 13, 732	70-11-00	PREDICTED CHARACTERISTICS WITH ACTUAL OBSERVATION FOR THE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY ZPPR-2.

NOZAWA, M.

833	RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)
-----	---	-------------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

NUYSKEN, M.

- 1994 COELHOORN, J. / ACKERS, J. / IAEA-AMST.-1963, 2, 63-09-00 THE CRITICAL FACILITY KRITO
G. / BUSTRAAN, M. / TAS, 233-256
A. / ZIJP, W. L. /
NUYSKEN, M. / NIJS, W. W.
/ HEYBOER, R. J. /
LUIDINGA, F.

O

O'DELL, L. D.

- 1918 LITTLE, W. W. / KIDMAN, TANSAO, 13, 304 70-06-00 ANALYSIS OF CRITICAL EXPERIMENTS USING
R. B. / SCHENTER, R. E. VERSION II OF THE EVALUATED NUCLEAR DATA
/ O'DELL, L. D. / HARDIE, FILE (ENDF/B).
R. W. / STEWART, K. B.

O'NEILL, G. F.

- 848 HURLEY, T. J. / O'NEILL, TANSAO, 03, 075-076 60-06-00 EXPERIMENTAL LATTICES PARAMETERS FOR HEAVY
G. F. WATER - NATURAL URANIUM LATTICES
1492 HURLEY, T. J. / FIKE, H. TANSAO, 04, 103-104 61-06-00 NATURAL URANIUM-HEAVY-WATER BUCKLINGS OVER
R. / O'NEILL, G. F. AN EXTENDED RANGE OF PITCH AND FUEL
ASSEMBLY SIZE
1999 HURLEY, T. J. / O'NEILL, TANSAO, 04, 295-296 61-11-00 MEASURED NUCLEAR PARAMETERS FOR NATURAL
G. F. URANIUM ROD LATTICES IN HEAVY WATER
1053 HURLEY, T. J. / FIKE, H. NSENAO, 12, 341-347 62-03-00 EXPERIMENTAL BUCKLINGS OF HEAVY WATER
R. / O'NEILL, G. F. MODERATED LATTICES OF NATURAL URANIUM METAL
ROD CLUSTERS
1030 GRAVES, W. E. / FIKE, H. NSENAO, 16, 186-195 63-06-00 EXPERIMENTAL BUCKLINGS AND VOID EFFECTS IN
R. / O'NEILL, G. F. HEAVY WATER LATTICES OF NATURAL URANIUM
OXIDE ROD CLUSTERS

OAKS, W. C.

- 2046 FEINER, F. / WEINSTEIN, TANSAO, 05, 344-345 62-11-00 PRECISE CRITICALITY DETERMINATIONS IN THE
S. / OAKS, W. C. / SOLID HOMOGENEOUS ASSEMBLY
COOPER, K. V.

OH, I.

- 1939 SCHUSKE, C. L. / RFP-NUREG-2622 77-02-00 REFERENCE CRITICAL EXPERIMENTS. PROGRESS
DICKINSON, D. / ROTHE, R. REPORT, OCTOBER 1, 1976--DECEMBER 31, 1976
E. / OH, I. / GAYLORD, N. D.
1434 SCHUSKE, C. L. / RFP-NUREG-2660 77-05-00 REFERENCE CRITICAL EXPERIMENTS (PROGRESS
DICKINSON, D. / GAYLORD, REPORT FOR PERIOD JANUARY 1, 1977, THROUGH
N. D. / OH, I. / ROTHE, MARCH 31, 1977)
R. E. / TUCK, G.
2095 ROTHE, R. E. / OH, I. RFP-2710 78-04-00 BENCHMARK CRITICAL EXPERIMENTS ON HIGH-
ENRICHED URANYL NITRATE SOLUTION SYSTEMS
2111 OH, I. / PECORA, D. / RFP-2795 78-06-00 REFERENCE CRITICAL EXPERIMENTS (PROGRESS
ROTHE, R. E. REPORT FOR PERIOD JANUARY 1, 1978, THROUGH
MARCH 31, 1978)

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

OKAZAKI, A.

2103	CRITOPH, E. / OKAZAKI, A.
/ HONE, D. W. /
TUNNICLIFFE, P. R. / DE
MILLE, G. R. / HANNA, G.
C.	UK/C/5/103	56-10-22	MULTIPLE METAL ROD ASSEMBLIES IN ZEEP
2104	OKAZAKI, A. / HONE, D. W.	UK/C/6/120	57-09-27	LATTICE EXPERIMENTS FOR CLUSTERS OF
NINETEEN 1.31 CM. DIAMETER URANIUM METAL
RODS IN HEAVY WATER
1947	HONE, D. W. / CRITOPH, E.
/ DURET, M. F. / GREEN,
R. E. / OKAZAKI, A. /
PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-
363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES,
EXPERIMENT AND THEORY
2100	OKAZAKI, A. / ALLEN, D.
F. / HONE, D. W.	CRRP-648	59-01-00	LATTICE EXPERIMENTS FOR CLUSTERS OF
NINETEEN 1.31 CM DIAMETER URANIUM METAL
RODS IN HEAVY WATER
890	GREEN, R. E. / KAY, R. E.
/ OKAZAKI, A. / CASINI,
G. / METZDORF, H. J. /
PAILLON, M.	TANSAO, 09, 123-124	66-06-00	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD
CLUSTERS OF NATURAL URANIUM CARBIDE IN
HEAVY WATER MODERATOR

OKRENT, D.

267	CERUTTI, B. C. /
LICHTENBERGER, H. V. /
OKRENT, D. / RICE, R. E. /
THALGOTT, F. W.	NSENAO, 01, 126-134	56-05-00	ZPR-3, ARGONNE'S FAST CRITICAL FACILITY
354	LONG, J. K. /
LOEWENSTEIN, W. G. /
GRANYAN, C. E. / GRUNSON,
G. S. / KIRN, F. S. /
OKRENT, D. / RICE, R. E.
/ THALGOTT, F. W.	GENEVA-2, 12, 119-
141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE
ZPR-3

OLCOTT, R. N.

3	OLCOTT, R. N.	NSENAO, 01, 327-341	56-08-00	HOMOGENEOUS HEAVY WATER MODERATED CRITICAL
ASSEMBLIES. PART 1. EXPERIMENTAL |
|---|---------------|---------------------|----------|--|

OLDS, A. E.

1451	BROLLEY, J. E. / BYERLEY,
F. J. / FELD, B. T. /
OLDS, A. E. / SCHALETTAR,
R. / SLOTIN, S. L. /
STEWART, R. B. | CF-1627 | 44-04-01 | NEUTRON MULTIPLICATION IN A MASS OF URANIUM
METAL |
|------|---|---------|----------|--|

OLSON, A. P.

1739	KAISER, R. E. / NORRIS, R.
J. / OLSON, A. P. / PAIK,
N. C. | TANSAO, 13, 732 | 70-11-00 | PREDICTED CHARACTERISTICS WITH ACTUAL
OBSERVATION FOR THE DEMONSTRATION REACTOR
BENCHMARK ASSEMBLY ZPPR-2. |
|------|--|-----------------|----------|--|

OLSON, R. L.

893	OLSON, R. L. / GRAVES, W.
E. | TANSAO, 09, 181-182 | 66-06-00 | CRITICAL EXPERIMENTS WITH HIGHLY BURNED-UP
PLUTONIUM IN HEAVY WATER |
|-----|---------------------------------|---------------------|----------|--|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

ORESTANO, F. V.

558	BITELLI, G. / MARTINELLI, R. / ORESTANO, F. V. / SANTANDREA, E.	NENAO, 28, 270-276	67-05-00	ANALYSIS OF CRITICAL EXPERIMENTS WITH ORGANIC-MODERATED ASSEMBLIES

ORLOV, M. U.

404	NIKOLAYEV, M. N. / GOLOOBYEV, V. I. / ABAGYAN, A. A. / ORLOV, M. U.	IAEA-VIENNA-1961, 403-412	61-08-00	NEUTRON PROPAGATION IN THE NICKEL SCREEN OF FAST REACTOR.

ORLOV, V. V.

692	DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	GENEVA-3, 13, 254-263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY

ORNDOFF, J. D.

370	PAXTON, H. C. / ORNDOFF, J. D. / LINENBERGER, G. A.	LA-1159 (DEL)	50-00-00	ORALLOY (ENRICHED URANIUM) HYDRIDE CRITICAL ASSEMBLIES
41	ORNDOFF, J. D. / PAXTON, H. C. / HANSEN, G. E.	LA-1251	51-06-23	CRITICAL MASSES OF ORALLOY AT REDUCED CONCENTRATIONS AND DENSITIES
26	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	LA-2141	57-10-11	BERYLLIUM-REFLECTED, GRAPHITE-MODERATED CRITICAL ASSEMBLIES
84	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	AECU-3604	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
2085	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	BNL-0489, 297-302	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
141	LINENBERGER, G. A. / ORNDOFF, J. D. / PAXTON, H. C.	NENAO, 07, 044-057	60-01-00	ENRICHED-URANIUM HYDRIDE CRITICAL ASSEMBLIES
10	JARVIS, G. A. / LINENBERGER, G. A. / ORNDOFF, J. D. / PAXTON, H. C.	NENAO, 08, 525-531	60-12-00	TWO PLUTONIUM-METAL CRITICAL ASSEMBLIES
1488	HOOGERP, J. C. / ORNDOFF, J. D.	TANSAO, 04, 055	61-06-00	CRITICAL MEASUREMENTS FOR THE KIWI-A NUCLEAR PROPULSION TEST REACTOR
36	ORNDOFF, J. D. / PAXTON, H. C.	LA-1209	64-01-27	MEASUREMENTS OF UNTAMPED ORALLOY ASSEMBLY
1170	KOONTZ, P. G. / ORNDOFF, J. D. / PAXTON, H. C.	LA-4037-SOP	69-04-04	OPERATING PROCEDURES FOR THE PAJARITO SITE CRITICAL ASSEMBLY FACILITY

ORR, W. L.

757	ORR, W. L. / STERNBERG, H. I. / DEROMIX, P.	TANSAO, 08, 439-440	65-11-00	A COMPARISON OF ANALYSIS WITH EXPERIMENT FOR THE SAXTON PLUTONIUM CRITICAL EXPERIMENTS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

ORR, W. L. (CONTD.)

830	LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A.	WCAP-3726-1	67-07-00	PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS
-----	--	-------------	----------	---

OSBORN, L. C.

8	WOOD, D. P. / BYERS, C. C. / OSBORN, L. C.	NSNAO, 08, 578-587	60-12-00	CRITICAL MASSES OF CYLINDERS OF PLUTONIUM DILUTED WITH OTHER METALS
---	--	--------------------	----------	---

OTTER, J. M.

475	SPRINGER, T. H. / TUTTLE, R. J. / OTTER, J. M. / PASCHALL, R. K.	AI-AEC-12705	69-00-00	DOPPLER AND RELATED MEASUREMENTS IN A SOFT FAST-REACTOR SPECTRUM
-----	--	--------------	----------	--

OTTEWITTE, E. H.

912	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	ANL-7320, 080-087	66-10-10	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES
-----	--	-------------------	----------	--

P

PAGE, E. M.

1486	PITTERLE, T. A. / PAGE, E. M. / YAMAMOTO, M.	CONF-660303	68-03-04	CALCULATIONS OF FAST CRITICAL EXPERIMENTS USING ENDF/B DATA AND A MODIFIED ENDF/B DATA FILE
------	--	-------------	----------	---

1649	MUELLER, R. E. / PAGE, E. M. / KOMATA, M.	TANSAO, 14, 849-850	71-10-00	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL ASSEMBLIES. PART 1. METHODS.
------	---	---------------------	----------	---

1650	PAGE, E. M. / MUELLER, R. E.	TANSAO, 14, 851-852	71-10-00	A COMPARATIVE ANALYSIS OF METHODS FOR CALCULATING HETEROGENEITY EFFECTS IN FAST CRITICAL EXPERIMENTS. PART-2. ANALYSIS.
------	------------------------------	---------------------	----------	---

PAIK, N. C.

1741	KAISER, R. E. / NORRIS, R. J. / PAIK, N. C.	TANSAO, 13, 734-735	70-11-00	MATERIAL WORTH MEASUREMENTS IN THE BENCHMARK CRITICAL ASSEMBLY ON ZPPR.
------	---	---------------------	----------	---

1739	KAISER, R. E. / NORRIS, R. J. / OLSON, A. P. / PAIK, N. C.	TANSAO, 13, 732	70-11-00	PREDICTED CHARACTERISTICS WITH ACTUAL OBSERVATION FOR THE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY ZPPR-2.
------	--	-----------------	----------	--

1822	PAIK, N. C. / PITTERLE, T. A. / DURSTON, C.	CONF-710301, 1, 44-50	71-08-00	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.
------	---	-----------------------	----------	--

PAILLON, M.

890	GREEN, R. E. / KAY, R. E. / OKAZAKI, A. / CASINI, G. / METZDORF, H. J. / PAILLON, M.	TANSAO, 09, 123-124	66-06-00	EXPERIMENTAL BUCKLINGS FOR SEVEN-ROD CLUSTERS OF NATURAL URANIUM CARBIDE IN HEAVY WATER MODERATOR
-----	--	---------------------	----------	---

1812	CASINI, G. / PAILLON, M.	EUR-4362	70-00-00	COMPARATIVE ANALYSIS OF CRITICAL AND EXPONENTIAL EXPERIMENTS BY HETEROGENEOUS METHODS.
------	--------------------------	----------	----------	--

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

PAINE, R. W.

38	JOSEPHSON, V. / PAINE, R. W. / WOODWARD, L. L.	LA-1155 (DEL)	52-08-08	ORALLOY SHAPE FACTOR MEASUREMENTS
----	---	---------------	----------	-----------------------------------

PALAMARCHUK, YU. D.

1990	KAMAEV, A. V. / DUBOVSKII, B. G. / VAVILOV, V. V. / POPOV, G. A. / PALAMARCHUK, YU. D. / IVANOV, S. P.	AEC-TR-4708	62-10-09	EXPERIMENTAL INVESTIGATION OF EFFECTS OF INTERACTION OF TWO SUBCRITICAL REACTORS
759	DUBOVSKII, B. G. / KAMAEV, A. V. / KUZNETSOV, F. M. / VLADYKOV, G. M. / POPOV, G. A. / PALAMARCHUK, YU. D.	JAABA, 19, 775-781	65-00-00	CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS OF URANIUM NITRATE

PALAZZI, F.

1871	ACCINNI, F. / PALAZZI, F. / ZORZOLI, G. B.	CISE-R-100	64-02-00	PRELIMINARY REPORT ON URANIUM METAL TUBE CLUSTER-HEAVY WATER LATTICE MEASUREMENTS. TOPICAL REPORT NO. 2.
------	---	------------	----------	--

PALMEDO, P. F.

1267	PALMEDO, P. F. / WEINSTOCK, E. V.	BNL-RP-01 (F)	69-08-12	FS-1 CORES 2 AND 2A
1483	PALMEDO, P. F. / WEINSTOCK, E. V.	BNL-RP-02 (F)	69-08-27	PRELIMINARY FAST REACTOR HETEROGENEITY STUDIES IN FS-1
1907	PALMEDO, P. F. / LUDEWIG, H. / ARONSON, A. L.	TANSAO, 13, 253-254	70-06-00	EFFECT OF HYDROGEN CONTENT OF GRAPHITE IN FAST CRITICAL EXPERIMENTS.

PALMER, R. G.

1791	TILL, C. E. / DAVEY, W. G. / LEWIS, R. A. / PALMER, R. G.	CONF-690634, 040-049	69-06-24	ARGONNE NATIONAL LABORATORY CRITICAL EXPERIMENT PROGRAM.
1906	HESS, A. L. / PALMER, R. G. / STEVENSON, J. M.	TANSAO, 13, 288-289	70-06-00	POSTANALYTICAL STUDY OF EIGHT ZPR-3 BENCHMARK CRITICALS USING ENDF/B DATA.
1913	PALMER, R. G. / PLUMMER, J. P. / NICHOLSON, R. B.	TANSAO, 13, 253	70-06-00	TESTING OF HETEROGENEITY METHODS USED IN FAST REACTOR CRITICAL ANALYSES BY COMPARISON WITH THEORETICAL (GEDANKEN) EXPERIMENTS.

PANISZCZYN, J. B.

2056	PANISZCZYN, J. B.	KAPL-M-JBP-1	56-05-24	COMPOSITION OF FPR-1, 2, 2A, AND 3A
------	-------------------	--------------	----------	-------------------------------------

PARKER, A. V.

639	SMITH, J. C. / PARKER, A. V. / WALFORD, J. G. / WHITE, C.	DEG MEMO.-633 (D)	60-03-00	CRITICALITY OF 30 PERCENT ENRICHED URANIUM SOLUTIONS IN CYLINDRICAL GEOMETRY. INTERIM REPORT
-----	---	-------------------	----------	--

PARKER, C.

1696	LANE, R. C. / PARKER, C.	AWRE-O-58/73	73-12-00	MEASUREMENT OF THE CRITICAL SIZE OF SOLUTIONS OF PLUTONIUM AND NATURAL URANIUM NITRATES WITH PLUTONIUM/URANIUM RATIO OF 0.3
------	--------------------------	--------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

PARKINSON, T. F.

762	HENNELLY, E. J./
PARKINSON, T. F./ ROGERS,
W. B. | TANSAO, 03, 021-023 | 60-06-00 | BUCKLING MEASUREMENTS ON NATURAL URANIUM -
HEAVY WATER LATTICES AT TEMPERATURES UP TO
215 DEGREE CENTIGRADE |
|-----|--|---------------------|----------|---|

PARKS, P. B.

1625	CURRIE, R. L./ PARKS, P.
B./ JARRIEL, J. L.	TANSAO, 14, 039-040	71-06-00	REACTIVITY MEASUREMENTS ON LARGE URANIUM-
235-ALUMINUM FORMS IN WATER
1644	CURRIE, R. L./ PARKS, P.
B./ JARRIEL, J. L.	NUTYBB, 12, 356-362	71-12-00	STATIC AND PULSED REACTIVITY MEASUREMENTS
ON LARGE URANIUM-235 FUEL FORMS IN WATER.

PASCHALL, R. K.

1480	CAMPBELL, R. W. / GUZZLE,
T. L. / PASCHALL, R. K.	TANSAO, 04, 047-048	61-06-00	EXPONENTIAL EXPERIMENTS IN URANIUM-DIPHENYL
LATTICES
475	SPRINGER, T. H./ TUTTLE,
R. J./ OTTER, J. M./
PASCHALL, R. K.	AI-AEC-12705	69-00-00	DOPPLER AND RELATED MEASUREMENTS IN A SOFT
FAST-REACTOR SPECTRUM
1627	PASCHALL, R. K./ KLANN,
P. G.	TANSAO, 14, 004-005	71-06-00	NEUTRON SPECTRUM MEASUREMENTS IN A COMPACT
FAST-SPECTRUM CRITICAL ASSEMBLY.

PASSELL, L.

56	BENGSTON, J./ CAROTHERS,
J. E./ KLOVERSTROM, F. A.
/ KOMOTO, T. T./ PASSELL,
L./ SIMMONS, B. E./
BOHL, L. S./ LUCKOW, W.
K./ CHURCHILL, S. W./
BRUNSON, G. S./ KAUFMANN,
S. G./ MC MAHON, J. P. | UCRL-5159 | 58-03-25 | PROMPT NEUTRON DECAY CONSTANTS OF
MULTIPLYING SYSTEMS |
|----|--|-----------|----------|--|

PATERSON, W. J.

304	WEALE, J. W. / PATERSON,
W. J.	JBNSA, 03, 311-319	64-00-00	PULSED SOURCE METHODS IN FAST REACTOR
PHYSICS
73	MC TAGGART, M. H./
GOODFELLOW, H./ PATERSON,
W. J./ WEALE, J. W.	AWRE-R5/66	66-07-00	INTERIM REPORT ON URANIUM-FUELED VERA
REACTOR EXPERIMENTS
946	WEALE, J. W./ BENJAMIN,
P. W./ PATERSON, W. J.	ANL-7320, 501-505	66-10-10	A COMPARISON OF MEASURED AND CALCULATED
ENERGY SPECTRA IN TWO VERA CORES
301	MC TAGGART, M. H./
GOODFELLOW, H./ PATERSON,
W. J./ WEALE, J. W.	AWRE-R4/63	74-06-00	INTERIM REPORT ON THE VERA URANIUM-
235/GRAPHITE REACTOR EXPERIMENT

PATTENDEN, S. K.

744	BROOMFIELD, A. M. /
ABSALOM, R. M. / ARNOLD,
M. J. / BAKER, A. R. /
FURNEAUX, D. / INGRAM, G.
/ PATTENDEN, S. K. /
PATTERSON, C. R. /
STEVENSON, J. M.	AEEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R.
M. / ARNOLD, M. J. /
BAKER, A. R. /
BROOMFIELD, A. M. /
FURNEAUX, D. / INGRAM, G.
/ PATTENDEN, S. K. /	AEEW-R461	65-10-00	THE THIRD CORE OF ZEBRA

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

PATTENDEN, S. K. (CONTD.)

PATTERSON, C. R. /
STEVENSON, J. M.

790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION
922	ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M.	ANL-7320, 216-230	66-10-10	ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY

PATTERSON, C. R.

744	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEEW-R461	65-10-00	THE THIRD CORE OF ZEBRA
790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

PAUL, N.

1550	BLOSER, M. / KIRCH, N. / KRINGS, F. J. / NASEBAND, F. J. / PAUL, N.	NSENAO, 55, 129-146	74-10-00	MEASUREMENTS AT THE CRITICAL FACILITY FOR THE IN-CORE THERMIONIC REACTOR AND COMPARISON WITH CALCULATIONS

PAXTON, H. C.

142	PAXTON, H. C. / LINENBERGER, G. A.	LA-0749	49-11-01	POLYTHENE-URANIUM-235 CRITICAL ASSEMBLY AND NEUTRON DISTRIBUTION STUDIES
370	PAXTON, H. C. / ORNDOFF, J. D. / LINENBERGER, G. A.	LA-1159 (DEL)	50-00-00	ORALLOY (ENRICHED URANIUM) HYDRIDE CRITICAL ASSEMBLIES
613	PAXTON, H. C.	LAMS-1154	50-09-12	EFFECTS OF FOREIGN MATERIALS IN THE TOPSY METAL ASSEMBLY - PRELIMINARY
41	ORNDOFF, J. D. / PAXTON, H. C. / HANSEN, G. E.	LA-1251	51-06-23	CRITICAL MASSES OF ORALLOY AT REDUCED CONCENTRATIONS AND DENSITIES
315	PAXTON, H. C.	NUCLEONICS, 13, 048-050	55-10-00	CRITICAL ASSEMBLIES AT LOS ALAMOS, GODIVA, TOPSY, JEZEBEL

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

PAXTON, H. C. (CONTD.)

89	PAXTON, H. C. / GRAVES, G. A.	LA-1958	56-05-00	CRITICAL MASSES OF FISSIONABLE METALS AS BASIC NUCLEAR SAFETY DATA
19	JARVIS, G. A. / LINENBERGER, G. A. / PAXTON, H. C.	LA-2044 (DEL)	56-10-17	PLUTONIUM-METAL CRITICAL ASSEMBLIES
77	GRAVES, G. A. / PAXTON, H. C.	NUCLEONICS, 15, 090-092	57-06-00	CRITICAL MASSES OF ORALLOY ASSEMBLIES
26	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	LA-2141	57-10-11	BERYLLIUM-REFLECTED, GRAPHITE-MODERATED CRITICAL ASSEMBLIES
84	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	AECU-3604	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
2085	HANSEN, G. E. / HOOGERP, J. C. / ORNDOFF, J. D. / PAXTON, H. C.	BNL-0489, 297-302	57-11-12	CRITICAL ASSEMBLIES OF GRAPHITE AND ENRICHED URANIUM WITH BERYLLIUM REFLECTORS
98	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	LA-2203	58-07-16	CRITICAL MASSES OF ORALLOY IN THIN REFLECTORS
141	LINENBERGER, G. A. / ORNDOFF, J. D. / PAXTON, H. C.	NSENAO, 07, 044-057	60-01-00	ENRICHED-URANIUM HYDRIDE CRITICAL ASSEMBLIES
122	PAXTON, H. C.	LAMS-2415	60-02-00	CRITICAL DATA FOR NUCLEAR SAFETY GUIDANCE
37	PAXTON, H. C.	LA-1671	60-02-29	BARE CRITICAL ASSEMBLIES OF ORALLOY AT INTERMEDIATE CONCENTRATIONS OF URANIUM-235
10	JARVIS, G. A. / LINENBERGER, G. A. / ORNDOFF, J. D. / PAXTON, H. C.	NSENAO, 08, 525-531	60-12-00	TWO PLUTONIUM-METAL CRITICAL ASSEMBLIES
9	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	NSENAO, 08, 570-577	60-12-00	CRITICAL PLUTONIUM AND ENRICHED-URANIUM-METAL CYLINDERS OF EXTREME SHAPE
184	PAXTON, H. C.	LAMS-2537	61-03-00	CORRELATIONS OF EXPERIMENTAL AND THEORETICAL CRITICAL DATA
36	ORNDOFF, J. D. / PAXTON, H. C.	LA-1209	64-01-27	MEASUREMENTS OF UNTAMPERED ORALLOY ASSEMBLY
1	PAXTON, H. C.	LAMS-3067	64-05-06	LOS ALAMOS CRITICAL-MASS DATA
50	PAXTON, H. C. / THOMAS, J. T. / CALLIHAN, A. D. / JOHNSON, E. B.	TID-07028	64-06-00	CRITICAL DIMENSIONS OF SYSTEMS CONTAINING URANIUM-235, PLUTONIUM-239, AND URANIUM-233
1170	KOONTZ, P. G. / ORNDOFF, J. D. / PAXTON, H. C.	LA-4037-SOP	69-04-04	OPERATING PROCEDURES FOR THE PAJARITO SITE CRITICAL ASSEMBLY FACILITY
1220	HANSEN, G. E. / PAXTON, H. C.	LA-4208	69-09-00	RE-EVALUATED CRITICAL SPECIFICATIONS OF SOME LOS ALAMOS FAST-NEUTRON SYSTEMS
1551	PAXTON, H. C.	TID-26286, 34-55	74-00-00	CRITICALITY EXPERIMENTS AND DATA; NUCLEAR CRITICALITY SAFETY
1703	HOOGERP, J. C. / HANSEN, G. E. / PAXTON, H. C.	LA-4798-MS	74-03-00	BARE 93%-ENRICHED-URANIUM-CARBON(170) ASSEMBLY
1719	HANSEN, G. E. / PAXTON, H. C.	LA-5946-MS	75-06-00	A TUNGSTEN-CARBIDE CRITICAL ASSEMBLY
1721	PAXTON, H. C. / JARVIS, G. A. / BYERS, C. C.	LA-5963	75-07-00	REFLECTOR-MODERATED CRITICAL ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

PAXTON, H. C. (CONTD.)

1727	PAXTON, H. C.	LA-3067-MS(REV.)	75-11-00	LOS ALAMOS CRITICAL-MASS DATA
1432	PAXTON, H. C.	LA-6206, VOL I	76-02-00	SAFETY ANALYSIS OF THE LOS ALAMOS CRITICAL EXPERIMENTS FACILITY
1602	SCHUSKE, C. L. / PAXTON, H. C.	NUTYBB, 30, 101-137	76-08-00	HISTORY OF FISSION ARRAY MEASUREMENTS IN THE UNITED STATES
1460	PAXTON, H. C.	LA-UR-77-684	77-00-00	EXPERIMENTAL CRITICALITY SPECIFICATIONS, AN ANNOTATED BIBLIOGRAPHY THROUGH 1976

PEARCE, R. M.

1947	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY
------	---	-----------------------	----------	---

PEARSON, H.

2097	LOCKEY, D. J. / PEARSON, H. / POPE, A. L. / WELLS, C. M.	AERE-R/R-2597	56-09-00	EXPONENTIAL EXPERIMENTS WITH NATURAL AND SLIGHTLY ENRICHED URANIUM, GRAPHITE MODERATED SYSTEMS
------	--	---------------	----------	--

PEASE, L.

1947	HONE, D. W. / CRITOPH, E. / DURET, M. F. / GREEN, R. E. / OKAZAKI, A. / PEARCE, R. M. / PEASE, L.	GENEVA-2, 12, 351-363	58-09-00	NATURAL-URANIUM HEAVY-WATER LATTICES, EXPERIMENT AND THEORY
------	---	-----------------------	----------	---

PECORA, D.

2111	OH, I. / PECORA, D. / ROTHE, R. E.	RFP-2795	78-06-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1978, THROUGH MARCH 31, 1978)
------	------------------------------------	----------	----------	---

PEDRETTI, E.

1931	PEDRETTI, E.	RT/FI-(67)7	67-00-00	FIRST CRITICALITY AND CALIBRATION EXPERIMENTS OF THE RC-4 RITMO REACTOR.
------	--------------	-------------	----------	--

PEFLEY, G. V.

2024	PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 386-387	68-06-00	MONTE CARLO CALCULATIONS FOR ARRAYS OF PLUTONIUM UNITS
2027	FINN, H. F. / PIERCE, G. A. / PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 674	68-11-00	EFFECT OF UNIT CELL SHAPE VARIATION IN A CRITICAL ARRAY OF PLUTONIUM METAL PARTS

PELLARIN, D. J.

1454	PELLARIN, D. J. / JARRIEL, J. L.	TANSAO, 27, 413-415	77-11-00	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER
1455	PELLARIN, D. J. / JARRIEL, J. L.	DP-MS-77-49	77-11-27	PULSED REACTIVITY MEASUREMENTS OF LARGE URANIUM-235-ALUMINUM CASTINGS IN WATER

PENA, B.

23	WOOD, D. P. / PENA, B.	LAMS-2579	61-11-02	CRITICAL MASS MEASUREMENTS OF ORALLOY AND PLUTONIUM CORES IN SPHERICAL ALUMINUM REFLECTORS
----	------------------------	-----------	----------	--

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

PENA, B. (CONTD.)

92	HANSEN, G. E. / WOOD, D. P. / PENNA, B.	LAMS-2744	62-10-08	REFLECTOR SAVINGS OF MODERATING MATERIALS ON LARGE DIAMETER URANIUM SLABS, ENRICHED TO 93.2 PERCENT IN URANIUM-235
----	--	-----------	----------	--

PENDLEBURY, E. D.

436	PENDLEBURY, E. D.	IAEA-VIENNA-1961, 097-110	61-08-00	THE SENSITIVITY OF CALCULATED CRITICAL MASSES OF SMALL FAST SYSTEMS TO CHANGES IN THE URANIUM-235 AND URANIUM-238 NEUTRON- SCATTERING DATA
-----	-------------------	------------------------------	----------	---

PENNINGTON, E. M.

892	BOYNTON, A. R. / PENNINGTON, E. M.	TANSAO, 09, 129	66-06-00	CRITICAL EXPERIMENTS AND CALCULATIONS IN SOME VERY UNDERMODERATED, SLIGHTLY ENRICHED, URANIUM OXIDE/WATER LATTICES
-----	---------------------------------------	-----------------	----------	--

PERKINS, O. J. E.

29	LANE, R. C. / PERKINS, O. J. E.	AWRE-NR-1/66	66-02-00	MEASUREMENTS OF THE CRITICAL MASS OF 37.5 PERCENT ENRICHED URANIUM IN REFLECTORS OF WOOD, CONCRETE, POLYETHYLENE AND WATER
128	LANE, R. C. / PERKINS, O. J. E.	AWRE-0-32/68	68-07-00	THE MEASUREMENT OF THE CRITICAL SIZE OF A HOMOGENEOUS MIXTURE OF PLUTONIUM AND NATURAL URANIUM OXIDES WITH POLYTHENE

PERSIANI, P. J.

950	PERSIANI, P. J. / HESS, A. L. / KUCERA, D.	ANL-7320, 550-560	66-10-10	THE CRITICAL EXPERIMENTS AND PRELIMINARY ANALYSIS OF MULTIFUELED, NONUNIFORM CORE LOADINGS FOR THE FARET PROGRAM
-----	---	-------------------	----------	--

PERSSON, R.

1952	PERSSON, R. / BUSTRAAN, M. / BLOMSJO, E.	GENEVA-1, 05, 239- 241	55-08-00	SOME EXPERIENCES ON AN EXPONENTIAL PILE OF URANIUM AND HEAVY WATER
1948	PERSSON, R. / BLOMSJO, E. / ANDERSEN, E. / ASPELUND, O. / DODERLEIN, J.	GENEVA-2, 12, 364- 373	58-09-00	EXPONENTIAL EXPERIMENTS ON HEAVY WATER NATURAL URANIUM METAL AND OXIDE LATTICES

PETERSEN, G. T.

1477	PETERSEN, G. T.	TANSAO, 06, 220-221	63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 2, ANALYSES
1425	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	ANL-7320, 195-204	66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE

PETERSON, R. E.

39	PETERSON, R. E. / NEWBY, G. A.	LA-1614	53-09-00	LADY GODIVA: AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY
4	PETERSON, R. E. / NEWBY, G. A.	NSENAO, 01, 112-125	56-05-00	AN UNREFLECTED URANIUM-235 CRITICAL ASSEMBLY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

PETERSON, R. E. (CONTD.)

140	ALLRED, J. C. / BENDT, P.
J. / PETERSON, R. E.	NSENAO, 04, 498-500	58-09-00	CRITICAL MEASUREMENTS ON URANIUM TRIOXIDE
IN PHOSPHORIC ACID SOLUTIONS (UO ₃ -H ₃ PO ₄)
1998	TRIPLETT, J. R. / SCHMID,
L. C. / PETERSON, R. E.
/ DUNN, R. E. / REGIMBAL,
J. J.	TANSAO, 04, 115-116	61-06-00	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS

PETROV, V. N.

1752	YUROVA, L. N. / KLYUYEV,
L. M. / KRYUKOV, A. P. /
PETROV, V. N. / POLYAKOV,
A. A. / REDKIN, A. F. /
RUKHLO, V. P. / TSURIKOV,
V. F. / TROFIMOV, A. P.
/ BOLSHAKOV, V. A. | PHYSICS OF NUCLEAR
REACTORS-COLLECTION
OF WORKS, NO. 1,
MOSCOW, ATOMIZDAT,
1968, PP 32-38 | 68-00-00 | THE LADA PHYSICS TEST STAND |
|------|--|---|----------|-----------------------------|

PETRUZZI, J.

57	MORTON, J. R. / PIOWATY,
J. M. / PETRUZZI, J. /
GARDNER, L. L. | UCRL-7686 | 64-02-05 | A STUDY OF BERYLLIUM OXIDE MODERATED
CRITICAL ASSEMBLIES CONTAINING VARIOUS
METAL ABSORBERS |
|----|--|-----------|----------|---|

PETTUS, W. G.

1369	PETTUS, W. G. / BALDWIN,
M. N. / FAIRBURN, G. T. /
STERN, M. E.	BAW-3647-12	69-06-00	PHYSICS VERIFICATION PROGRAM PART-3
QUARTERLY TECHNICAL REPORT JANUARY - MARCH
1969
1368	PETTUS, W. G. / BALDWIN,
M. N. / FAIRBURN, G. T. /
STERN, M. E.	BAW-3647-14	69-09-00	PHYSICS VERIFICATION PROGRAM PART-3
QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969
1889	FAIRBURN, G. T. / PETTUS,
W. G. / SNIDOW, N. L.	BAW-1357	70-08-00	PLUTONIUM LATTICE EXPERIMENT IN UNIFORM
LATTICE OF URANIUM-DIOXIDE/1.5%-PLUTONIUM-
DIOXIDE FUEL

PFLASTERER, G. R.

1932	NOBLE, L. D. / MITZEL, F.
/ SARMA, B. / WINTZER,
D. / LU, Y. S. / KESSLER,
G. / PFLASTERER, G. R.
/ BECKER, R. A. / MANSUR,
L. | GEAP-13588 | 70-03-00 | RESULTS OF SEFOR ZERO POWER EXPERIMENTS. |
|------|---|------------|----------|--|

PHELPS, J.

822	PHELPS, J.	BNL-50023-(S-69)	66-12-31	MINIMUM REFLECTION CRITICAL FACILITY
504	PHELPS, J. / WEINSTOCK, E.
V.	NSENAO, 34, 237-250	68-12-00	CRITICALITY MEASUREMENTS ON NEARLY
HOMOGENEOUS ENRICHED URANIUM-GRAPHITE
SYSTEMS
1237	PHELPS, J. / COURT, A. J.
/ DOWNES, K.	BNL-RP-06 (F)	69-09-22	CEPFR-1A MEASUREMENTS AND ASSEMBLY
DESCRIPTION
1239	PHELPS, J. / CONANT, J.
/ COURT, A. J. / DOWNES,
K. / WINDSOR, H.	BNL-RP-07 (F)	69-09-22	CEPFR-1B MEASUREMENTS AND ASSEMBLY
DESCRIPTION
1482	WINDSOR, H. / PHELPS, J.
/ CONANT, J.	BNL-RP-09 (F)	69-10-00	CEPFR-1C MEASUREMENTS AND ASSEMBLY
DESCRIPTION

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

PHELPS, J. (CONTD.)

1306	PHELPS, J. / WINDSOR, H. /
CHANDRAMOLESHWAR, K.	BNL-RP-14 (F)	70-05-00	CEPFR-1-2 MEASUREMENTS AND ASSEMBLY
DESCRIPTION
1307	WINDSOR, H. / PHELPS, J. /
CHANDRAMOLESHWAR, K.	BNL-RP-13 (F)	70-05-00	CEPFR-1F MEASUREMENTS AND ASSEMBLY
DESCRIPTION
1308	PHELPS, J. / WINDSOR, H.	BNL-RP-12 (F)	70-05-00	CEPFR-1E MEASUREMENTS AND ASSEMBLY
DESCRIPTION
1309	WINDSOR, H. / PHELPS, J.	BNL-RP-11 (F)	70-05-00	CEPFR-1 D MEASUREMENTS AND ASSEMBLY
DESCRIPTION
1965	PHELPS, J. / WINDSOR, H. /
TAKAHASHI, H. / CONANT,
J. / CHANDRAMOLESHWAR,
K.	NSENAO, 49, 274-300	72-11-00	CRITICAL EXPERIMENTS FOR THE BROOKHAVEN
PULSED FAST REACTOR STUDY

PHILBIN, J. S.

1712	ESTES, B. F. / MORRIS, F.
M. / PHILBIN, J. S. | SLA-74-0271 | 75-02-00 | CRITICALITY EVALUATION OF THE ACPR FUEL-
ELEMENT STORAGE RACK |
|------|--|-------------|----------|--|

PHILLIPS, K. E.

1631	MENEGHETTI, D. / KEENEY,
W. P. / VOSBURGH, R. O. /
SIMON, G. G. /
STENSTROM, D. G. /
PHILLIPS, K. E. /
GASIDLO, J. M. | TANSAO, 14, 020-021 | 71-06-00 | EXPERIMENTS AND ANALYSES OF HETEROGENEOUS
CORES AND NEUTRON SPECTRA IN EBR-II
CRITICAL ASSEMBLIES ON ZPR-3. |
|------|--|---------------------|----------|---|

PIERCE, G. A.

889	MORTON, J. R. / PIERCE,
G. A. / GARDNER, L. L. /
BALL, C. J.	UCRL-50175	66-12-22	SUMMARY REPORT OF CRITICAL EXPERIMENTS
PLUTONIUM ARRAY STUDIES, PHASE I
2017	PIERCE, G. A. / MORTON,
J. R.	TANSAO, 11, 378-379	68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM
ARRAYS - PART 1
2018	FINN, H. F. / PIERCE, G.
A.	TANSAO, 11, 379-380	68-06-00	MEASURED CRITICAL SPACINGS OF PLUTONIUM
ARRAYS - PART 2
2027	FINN, H. F. / PIERCE, G.
A. / PRUVOST, N. L. /
PEFLEY, G. V.	TANSAO, 11, 674	68-11-00	EFFECT OF UNIT CELL SHAPE VARIATION IN A
CRITICAL ARRAY OF PLUTONIUM METAL PARTS
1817	FINN, H. F. / PRUVOST, N.
L. / KOLAR, O. C. /
PIERCE, G. A.	UCRL-51041	71-05-10	SUMMARY OF EXPERIMENTALLY DETERMINED
PLUTONIUM ARRAY CRITICAL CONFIGURATIONS

PILATE, S.

1920	CLOUET D'ORVAL, C. /
ENGELMANN, P. / HELM, F.
/ JOURDAN, G. / MEYER-
HEINE, A. / PILATE, S. /
SCHMITT, P. / TRETIKOFF,
O. / VIDAL, R. / WITTEK,
G. | TANSAO, 13, 292-293 | 70-06-00 | JOINT EXPERIMENTS ON MASURCA, ERMINIE, AND
SNEAK IN SUPPORT OF THE FAST BREEDER
PROJECTS PHENIX AND SNR. |
|------|--|---------------------|----------|--|

PINCOCK, G. D.

214	LOFTHOUSE, J. H. /
PINCOCK, G. D. / KUNZE,
J. F. / WOOD, R. E. /
HYLAND, R. E. | TANSAO, 09, 340 | 66-10-00 | CAVITY REACTOR CRITICAL EXPERIMENT |
|-----|---|-----------------|----------|------------------------------------|

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

PINCOCK, G. D. (CONTD.)

215	HYLAND, R. E. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E.	TANSAO, 10, 008-009	67-06-00	EXPERIMENTAL RESULTS FROM LARGE CAVITY REACTOR CRITICAL
216	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72234	67-09-00	CAVITY REACTOR CRITICAL EXPERIMENT
217	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 10, 419-420	67-11-00	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS
33	PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	NASA-CR-72409	68-05-22	CAVITY REACTOR ENGINEERING MOCKUP CRITICAL EXPERIMENT
48	PINCOCK, G. D. / KUNZE, J. F.	NASA-CR-72415, GESP-35	68-05-31	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-II
1314	PINCOCK, G. D. / KUNZE, J. F.	GESP-129	68-11-15	CAVITY REACTOR CRITICAL EXPERIMENT VOLUME-III
601	KUNZE, J. F. / PINCOCK, G. D. / HYLAND, R. E.	NUAPA, 06, 104-115	69-02-00	CAVITY REACTOR CRITICAL EXPERIMENTS

PIOWATY, J. M.

62	PIOWATY, J. M. / MORTON, J. R. / GARDNER, L. L.	UCRL-7262	63-02-27	COUPLING EFFECTS OF HAFNIUM CONTROL RODS IN A NEAR-HOMOGENEOUS, BERYLLIUM-OXIDE-MODERATED, ORALLOY-FUELED SYSTEM
57	MORTON, J. R. / PIOWATY, J. M. / PETRUZZI, J. / GARDNER, L. L.	UCRL-7686	64-02-05	A STUDY OF BERYLLIUM OXIDE MODERATED CRITICAL ASSEMBLIES CONTAINING VARIOUS METAL ABSORBERS

PITTERLE, T. A.

1486	PITTERLE, T. A. / PAGE, E. M. / YAMAMOTO, M.	CONF-660303	68-03-04	CALCULATIONS OF FAST CRITICAL EXPERIMENTS USING ENDF/B DATA AND A MODIFIED ENDF/B DATA FILE
1822	PAIK, N. C. / PITTERLE, T. A. / DURSTON, C.	CONF-710301, 1, 44-50	71-08-00	INTEGRAL TESTING OF MODIFICATIONS TO ENDF/B VERSION II DATA.

PLASSMANN, E. A.

2067	PLASSMANN, E. A. / WOOD, D. P.	BNL-0483, 73-74	57-01-09	CRITICALITY DATA ON METAL URANIUM-233 SPHERICAL SYSTEMS
6	PLASSMANN, E. A. / WOOD, D. P.	NSEAO, 08, 615-620	60-12-00	CRITICAL REFLECTOR THICKNESSES FOR SPHERICAL URANIUM-233 AND PLUTONIUM-239 SYSTEMS
1720	BERNARD, W. / HELMICK, H. H. / JARVIS, G. A. / PLASSMANN, E. A. / WHITE, R. H.	LA-5971-MS	75-05-00	RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY

PLUMLEE, K. E.

465	ARMSTRONG, J. W. / BEIDELMAN, J. A. / KAUFMANN, S. G. / PLUMLEE, K. E.	TANSAO, 01, 1, 098-099	58-06-00	EXPERIMENTS WITH THORIA-URANIA-DEUTERIUM OXIDE WATER CRITICALS
1495	DE VILLIERS, J. W. L. / BAIRD, Q. L. / JULIANO, J. / KELBER, C. N. / KIYOSE, R. / PLUMLEE, K. E.	TANSAO, 04, 109-110	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY DESIGN OF THE ARGONNE HIGH FLUX REACTOR, PART A

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

PLUMLEE, K. E. (CONTD.)

1497	JULIANO, J. O. / KELBER,
C. N. / PLUMLEE, K. E.	TANSAO, 04, 110-111	61-06-00	CRITICAL EXPERIMENTS FOR THE PRELIMINARY
DESIGN OF THE ARGONNE HIGH FLUX REACTOR,
PART B
466	REDMAN, W. C. / KAUFMANN,
S. G. / PLUMLEE, K. E. /
BAIRD, Q. L.	ANL-6378	61-12-00	CRITICAL EXPERIMENTS WITH THORIA-URANIA
FUEL IN HEAVY WATER
1474	PLUMLEE, K. E. / BAIRD,
Q. L. / STANFORD, G. S.
/ AMUNDSON, P. I.	TANSAO, 06, 217	63-11-00	CRITICAL EXPERIMENTS WITH BORAX-V
SUPERHEATER ELEMENTS
821	BOYNTON, A. R. / PLUMLEE,
K. E. / REDMAN, W. C. /
ROBINSON, W. R. /
STANFORD, G. S.	ANL-7110, 082-084	65-12-00	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT
1875	PLUMLEE, K. E. / DAUGHTRY,
J. W. / JOHNSON, T. W. /
ROBINSON, W. R. / SCHULTZ,
R. A. / STANFORD, G. S.	ANL-7483	69-02-00	ARGONNE ADVANCED RESEARCH REACTOR CRITICAL
EXPERIMENTS.

PLUMMER, J. P.

1913	PALMER, R. G. / PLUMMER,
J. P. / NICHOLSON, R. B. | TANSAO, 13, 253 | 70-06-00 | TESTING OF HETEROGENEITY METHODS USED IN
FAST REACTOR CRITICAL ANALYSES BY
COMPARISON WITH THEORETICAL (GEDANKEN)
EXPERIMENTS. |
|------|--|-----------------|----------|---|

PODEWELTZ, C. M.

1484	MOSS, L. I. / PODEWELTZ,
C. M. / RANDALL, R. L. /
SHAPIRO, J. L. / WIMMER,
R. E. | TANSAO, 04, 053-054 | 61-06-00 | ANALYTICAL AND EXPERIMENTAL RESULTS FOR A
COMPACT, ZIRCONIUM HYDRIDE MODERATED
CRITICAL ASSEMBLY |
|------|---|---------------------|----------|--|

POENITZ, W. P.

1401	KALLFELZ, J. M. / POENITZ,
W. P. / SEHGAL, B. R. /
ZOLOTAR, B. A. | TANSAO, 12, 186-187 | 69-06-00 | STUDIES OF FAST-NEUTRON CROSS SECTIONS
THROUGH INTEGRAL EXPERIMENTS |
|------|---|---------------------|----------|--|

POLLARD, J. W.

2002	MILEY, G. H. / GILLESPIE,
R. D. / POLLARD, J. W.
/ BISTLINE, J. A. | TANSAO, 04, 299-300 | 61-11-00 | DESCRIPTION AND ANALYSIS OF SOME "OVER-
MODERATED" CRITICAL EXPERIMENTS FROM 68-550
DEGREES FARENHEIT |
|------|--|---------------------|----------|---|

POLYAKOV, A. A.

2011	UROVA, L. N. / POLYAKOV,
A. A. / KLENOV, G. I. /
MOROSOV, I. G. / INYUTIN,
E. I. / SIDOROV, G. I.	AECL-2330, 233-250	64-00-00	A STUDY OF THE PHYSICAL CHARACTERISTICS OF
HYDROGEN-CONTAINING REACTORS IN THE
CRITICAL REGION
1752	YUROVA, L. N. / KLYUYEV,
L. M. / KRYUKOV, A. P. /
PETROV, V. N. / POLYAKOV,
A. A. / REDKIN, A. F. /
RUKHLO, V. P. / TSURIKOV,
V. F. / TROFIMOV, A. P.
/ BOLSHAKOV, V. A.	PHYSICS OF NUCLEAR
REACTORS-COLLECTION
OF WORKS, NO. 1,
MOSCOW, ATOMIZDAT,
1968, PP 32-38	68-00-00	THE LADA PHYSICS TEST STAND

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

POND, J. A.

474 POND, J. A. GAT-189 56-07-20 CRITICAL GEOMETRIES FOR BARE CYLINDERS

POND, R. B.

1811 ROBINSON, W. R. / LESAGE, L. G. / POND, R. B. ANL-7773 71-03-00 SUMMARY OF CRITICAL-MASS CONFIGURATIONS, MATERIAL CONCENTRATIONS, AND CONTROL-ROD WORTHS FOR ZPR-9 ZONED FAST CRITICAL ASSEMBLIES 11-25.

1633 DAUGHTRY, J. W. / POND, R. B. / FLEISCHMAN, R. M. / SWANSON, C. S. / RUSCH, G. K. / KIER, P. H. TANSO, 14, 024-025 71-06-00 FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL PROGRAM.

PONOMAREV-STEPNOI, N. N.

693 PONOMAREV-STEPNOI, N. N. / SMIRNOV, O. N. / KULEVA, R. V. GENEVA-3, 03, 241-247 64-09-00 INVESTIGATION ON SYSTEM WITH ZIRCONIUM HYDRIDE MODERATOR

834 PONOMAREV-STEPNOI, N. N. / LOMAKIN, S. S. JAABA, 19, 291-298 65-04-00 STUDY OF A CRITICAL ASSEMBLY CONTAINING A BERYLLIUM MODERATOR

POPE, A. L.

2097 LOCKEY, D. J. / PEARSON, H. / POPE, A. L. / WELLS, C. M. AERE-R/R-2597 56-09-00 EXPONENTIAL EXPERIMENTS WITH NATURAL AND SLIGHTLY ENRICHED URANIUM, GRAPHITE MODERATED SYSTEMS

POPEK, R. J.

1963 KATO, W. Y. / ARMANI, R. J. / LARSEN, R. P. / MORELAND, P. E. / MOUNTFORD, L. A. / GASIDLO, J. M. / POPEK, R. J. / SWANSON C. D. NSENAO, 45, 37-46 71-07-00 AN INTEGRAL MEASUREMENT OF PLUTONIUM-239 AND URANIUM-233 ALPHA

POPOV, G. A.

1990 KAMAEV, A. V. / DUBOVSKII, B. G. / VAVILOV, V. V. / POPOV, G. A. / PALAMARCHUK, YU. D. / IVANOV, S. P. AEC-TR-4708 62-10-09 EXPERIMENTAL INVESTIGATION OF EFFECTS OF INTERACTION OF TWO SUBCRITICAL REACTORS

692 DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J. GENEVA-3, 13, 254-263 64-09-00 THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY

759 DUBOVSKII, B. G. / KAMAEV, A. V. / KUZNETSOV, F. M. / VLADYKOV, G. M. / POPOV, G. A. / PALAMARCHUK, YU. D. JAABA, 19, 775-781 65-00-00 CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS OF URANIUM NITRATE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

POPOVIC, D.

592 POPOVIC, D. GENEVA-2, 12, 392-394 58-09-00 A BARE CRITICAL ASSEMBLY OF NATURAL URANIUM AND HEAVY WATER

POUND, D. C.

1992 BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B. IAEA-AMST.-1963, 3, 035-061 63-09-00 HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION

POWELL, R. R.

2006 POWELL, R. R. / WILLIAMS, P. M. TANSO, 04, 304-305 61-11-00 PRESSURE TUBE REACTOR CRITICAL EXPERIMENT

POWELL, T. J.

172 MASTERSON, R. H. / WHITE, J. D. / POWELL, T. J. HW-77089 63-03-27 THE LIMITING CRITICAL CONCENTRATIONS FOR PLUTONIUM-239 AND URANIUM-235 IN AQUEOUS SOLUTIONS

PRESKITT, C. A.

1091 PRESKITT, C. A. / D'OUTREMONT, P. / NEILL, J. M. / YOUNG, J. C. GA-9140 68-11-01 (FAST REACTOR SPECTRUM MEASUREMENTS QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1968)
1365 CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OUTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C. GA-9386 69-05-15 FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

PRESSEY, F. W.

2069 BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I. NEPA-1769 51-04-51 NEPA CRITICAL EXPERIMENT FACILITY

PREVOST, I.

291 BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C. GENEVA-2, 12, 539-562 58-09-00 PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM

PRICE, G.

1957 KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V. JAABA, 02, 141 55-11-00 REACTOR PARAMETERS OF A LIGHT WATER-NORMAL URANIUM LATTICE (LETTER)

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

PRICE, G. A.

631	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	BNL-01627	53-11-05	BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235
2043	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	BNL-02184	55-02-07	BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS
1019	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	GENEVA-1, 05, 183- 202	55-08-00	EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER
718	PRICE, G. A.	MITNE-46	63-09-30	HEAVY WATER LATTICE PROJECT ANNUAL REPORT
778	PRICE, G. A. / WINDSOR, H.	BNL-00954	65-12-31	URANIUM-233 DIOXIDE - THORIUM DIOXIDE LATTICE EXPERIMENTS
803	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	BNL-50012-(T-434)	66-08-25	ORGANIC COOLED, HEAVY WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS
895	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	TANSAO, 09, 518-519	66-10-00	ORGANIC-COOLED HEAVY-WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS
818	PRICE, G. A.	BNL-50035-(T-449)	66-12-30	URANIUM-WATER LATTICE COMPILATION PART 1. BNL EXPONENTIAL ASSEMBLIES
1238	PRICE, G. A. / WINDSOR, H.	BNL-RP-08 (F)	69-10-01	PLUTONIUM-ALUMINUM-WATER BUCKLING MEASUREMENTS
1961	WINDSOR, H. / TUNNEY, W. J. / PRICE, G. A.	NSENAO, 42, 150-161	70-11-00	EXPONENTIAL EXPERIMENTS WITH LATTICES OF URANIUM-233 OXIDE AND THORIUM OXIDE IN LIGHT AND HEAVY WATER

PROFIO, A. E.

2059	BROWN, J. R. / NOORDHOFF, B. H. / PROFIO, A. E. / BATESON, W. O.	WAPD-117	54-11-00	REACTOR PROPERTIES OF WATER MODERATED SLIGHTLY ENRICHED URANIUM LATTICES
1993	KAPLAN, I. / LANNING, D. D. / PROFIO, A. E. / THOMPSON, T. J.	IAEA-AMST.-1963, 2, 109-146	63-09-00	MASSACHUSETTS INSTITUTE OF TECHNOLOGY EXPONENTIAL STUDIES OF LOW-ENRICHMENT, HEAVY-WATER LATTICES
1232	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	TANSAO, 09, 233-234	66-06-00	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR

PROKHOROV, U. A.

437	LYEPOONSKI, A. I. / KOOENYETSOB, V. A. / ARTUKHOB, G. YA. / MOGILNYER, A. I. / PROKHOROV, U. A. / STEKLOVSKIE, V. M. / CHYENOV, L. A.	IAEA-VIENNA-1961, 327-343	61-08-00	EXPERIMENTAL STUDIES OF SOME OF THE PHYSICAL FEATURES OF BERYLLIUM-MODERATED INTERMEDIATE REACTORS.
-----	---	------------------------------	----------	---

PRUVOST, N. L.

768	KOLAR, O. C. / MORTON, J. R. / PRUVOST, N. L.	IAEA-STOCK.-1965, 315-335	65-11-00	INTERACTION IN ARRAYS OF FISSIONABLE MATERIALS
2024	PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 386-387	68-06-00	MONTE CARLO CALCULATIONS FOR ARRAYS OF PLUTONIUM UNITS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

PRUVOST, N. L. (CONTD.)

985	FINN, H. F. / PRUVOST, N. L.	CONF-680909, 108-112	68-09-23	LIVERMORE PLUTONIUM ARRAY PROGRAM
2027	FINN, H. F. / PIERCE, G. A. / PRUVOST, N. L. / PEFLEY, G. V.	TANSAO, 11, 674	68-11-00	EFFECT OF UNIT CELL SHAPE VARIATION IN A CRITICAL ARRAY OF PLUTONIUM METAL PARTS
1817	FINN, H. F. / PRUVOST, N. L. / KOLAR, O. C. / PIERCE, G. A.	UCRL-51041	71-05-10	SUMMARY OF EXPERIMENTALLY DETERMINED PLUTONIUM ARRAY CRITICAL CONFIGURATIONS
1587	KOLAR, O. C. / FINN, H. F. / PRUVOST, N. L.	NUTYBB, 29, 057-072	76-04-00	LIVERMORE PLUTONIUM ARRAY PROGRAM: EXPERIMENTS AND CALCULATIONS

PUECHL, K. H.

1043	PUECHL, K. H.	NSENAO, 09, 241-259	61-02-00	AN APPROACH TO REACTOR PHYSICS USING RESULTS OF INTEGRAL EXPERIMENTS
------	---------------	---------------------	----------	--

PUGH, J.

490	CHALMERS, J. H. / WALKER, G. / PUGH, J.	AHSB(S) HANDBOOK-1	65-00-00	HANDBOOK OF CRITICALITY DATA, VOLUME I
-----	---	--------------------	----------	--

Q

QUILICI, R. E.

748	QUILICI, R. E.	IDO-28631	65-01-00	ARMY GAS COOLED REACTOR SYSTEMS PROGRAM SUMMARY OF NUCLEAR PHYSICS EXPERIMENTS
-----	----------------	-----------	----------	--

R

RADKOWSKY, A.

469	KRASIK, S. / RADKOWSKY, A.	GENEVA-1, 05, 203-214	55-08-00	PRESSURISED WATER REACTOR (P.W.R.) CRITICAL EXPERIMENTS
-----	----------------------------	-----------------------	----------	---

RAFFETY, S. J.

819	RAFFETY, S. J.	ORNL-4143, 28-29	67-08-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF LOW ENRICHMENT URANIUM TETRAFLUORIDE IN PARAFFIN
1208	RAFFETY, S. J.	ORNL-4280, 50-51	68-00-00	HOMOGENEOUS ASSEMBLIES OF URANIUM(2)-TETRAFLUORIDE IN PARAFFIN AT AN HYDROGEN/URANIUM-235 ATOMIC RATIO OF 972
1209	RAFFETY, S. J. / MIHALCZO, J. T.	ORNL-4280, 51-53	68-00-00	NEUTRON AGE AND INFINITE-MEDIUM NEUTRON MULTIPLICATION FACTOR FOR URANIUM-TETRAFLUORIDE PARAFFIN MIXTURES WITH LOW URANIUM-235 ENRICHMENT
250	RAFFETY, S. J. / MIHALCZO, J. T.	Y-DR-014	69-05-02	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT ENRICHED URANIUM IN PARAFFIN
1669	RAFFETY, S. J. / MIHALCZO, J. T.	NSENAO, 48, 433-443	72-08-00	HOMOGENEOUS CRITICAL ASSEMBLIES OF 2 AND 3 PERCENT URANIUM-235-ENRICHED URANIUM IN PARAFFIN.

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

RALSTON, H. R.

95	RALSTON, H. R.	UCRL-4975	57-10-10	CRITICAL MASSES OF SPHERICAL SYSTEMS OF ORALLOY REFLECTED IN BERYLLIUM
17	RALSTON, H. R.	UCRL-5349	58-09-10	CRITICAL PARAMETERS OF SPHERICAL SYSTEMS OF ALPHA-PHASE PLUTONIUM REFLECTED BY BERYLLIUM
1256	RALSTON, H. R.	UCRL-6837, SUMMARY	62-03-20	THE LIVERMORE COLD-CRITICAL EXPERIMENTS ON TORY II-A AND II-C

RAMP, R. L.

461	KOCH, L. J. / LOEWENSTEIN, W. B. / LOVOFF, A. / HOOKER, H. H. / MONSON, H. O. / RAMP, R. L. / HUTTER, E.	ANL-6299	61-02-00	EBR-II DRY CRITICAL EXPERIMENTS, EXPERIMENTAL PROGRAM, EXPERIMENTAL PROCEDURES AND SAFETY CONSIDERATIONS
-----	--	----------	----------	--

RANDALL, R. L.

1484	MOSS, L. I. / PODEWELTZ, C. M. / RANDALL, R. L. / SHAPIRO, J. L. / WIMMER, R. E.	TANSAO, 04, 053-054	61-06-00	ANALYTICAL AND EXPERIMENTAL RESULTS FOR A COMPACT, ZIRCONIUM HYDRIDE MODERATED CRITICAL ASSEMBLY
------	--	---------------------	----------	--

RAVIER, J.

1394	BARRE, J. Y. / RAVIER, J.	PNR/SETR 69.031	69-03-00	USE OF INTEGRAL EXPERIMENTS TO IMPROVE THE CADARACHE CROSS SECTION SET - SET VERSION NO. 2 - APPLICATION TO PHENIX
1795	BARRE, J. Y. / HEINDLER, M. / LACAPELLE, T. / RAVIER, J.	CONF-690634, 165-179	69-06-24	LESSONS DRAWN FROM INTEGRAL EXPERIMENTS ON A SET OF MULTIGROUP CROSS SECTIONS.

RAY, J. W.

1437	RAY, J. W. / MATTHEWS, R. G. / HOGAN, W. S. / DINGEE, D. A. / CHASTAIN, J. W.	BMI-1501	61-02-21	ML-1-1B CRITICAL-ASSEMBLY STUDIES
------	---	----------	----------	-----------------------------------

REARDON, W. A.

1954	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342-346	55-08-00	THE FAST EXPONENTIAL EXPERIMENTS
846	REARDON, W. A. / LLOYD, R. C.	TANSAO, 03, 070-071	60-06-00	SHAPE PERTURBATIONS IN CRITICAL EXPERIMENTS
357	CLAYTON, E. D. / LLOYD, R. C. / REARDON, W. A.	TANSAO, 05, 075-076	62-00-00	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
362	LLOYD, R. C. / CLAYTON, E. D. / REARDON, W. A.	HW-73116	62-04-16	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
809	LIKALA, R. C. / WORDEN, J. R. / REARDON, W. A.	HW-81659, 26-32	64-04-15	AN ANALYSIS OF URANIUM FUELED LIGHT WATER MODERATED CRITICAL EXPERIMENTS
815	WORDEN, J. R. / LIKALA, R. C. / REARDON, W. A.	HW-81659, 33-44	64-04-15	AN ANALYSIS OF PLUTONIUM LIGHT WATER CRITICAL EXPERIMENTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

REDKIN, A. F.

1752	YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A.	PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38	68-00-00	THE LADA PHYSICS TEST STAND

REDMAN, W. C.

464	REDMAN, W. C. / THIE, J. A.	GENEVA-2, 12, 402-413	58-09-00	PROPERTIES OF EXPONENTIAL AND CRITICAL SYSTEMS OF THORIA-URANIA AND HEAVY WATER AND APPLICATION TO REACTOR DESIGN
466	REDMAN, W. C. / KAUFMANN, S. G. / PLUMLEE, K. E. / BAIRD, Q. L.	ANL-6378	61-12-00	CRITICAL EXPERIMENTS WITH THORIA-URANIA FUEL IN HEAVY WATER
821	BOYNTON, A. R. / PLUMLEE, K. E. / REDMAN, W. C. / ROBINSON, W. R. / STANFORD, G. S.	ANL-7110, 082-084	65-12-00	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT

REEDY, R. K.

615	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1207	65-07-14	CRITICAL EXPERIMENTS WITH SPERT-D FUEL ELEMENTS
1153	JOHNSON, E. B. / REEDY, R. K.	ORNL-TM-1566	66-07-20	CRITICALITY OF LATTICES OF HEAT TRANSFER REACTOR EXPERIMENT FUEL ELEMENTS

REGIMBAL, J. J.

1998	TRIPLETT, J. R. / SCHMID, L. C. / PETERSON, R. E. / DUNN, R. E. / REGIMBAL, J. J.	TANSAO, 04, 115-116	61-06-00	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS

REVOL, H.

1426	CAIZERGUES, R. / DEILGAT, E. / LECORCHE, P. / MAUBERT, L. / REVOL, H.	Y-CDC-9	71-05-00	CRITICALITY OF LIQUID MIXTURES OF HIGHLY URANIUM-235 ENRICHED HEXAFLUORIDE AND HYDROFLUORIC ACID
1692	LECORCHE, P. / MANGIN, D. / MAUBERT, L. / REVOL, H.	CEA-N-1649	73-08-00	CRITICALITY OF 4% URANIUM-235 ENRICHED URANIUM URANYL FLUORIDE SOLUTIONS

REYENGA, A. J.

994	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5149	58-02-20	CRITICALITY AND PULSED-NEUTRON-SOURCE STUDIES ON AN EPITHERMAL GRAPHITE-URANIUM-235 HOMOGENEOUS UNREFLECTED SYSTEM
117	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5506	59-03-03	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS, FUELED BY THIN ORALLOY FOILS
2032	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	TANSAO, 02, 2, 162-163	59-06-00	CRITICAL DIMENSIONS OF UNREFLECTED BERYLLIUM OXIDE SYSTEMS FUELED BY THIN ENRICHED URANIUM FOILS
100	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	UCRL-5369 PT.-1 REV.	59-07-01	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ORALLOY-FUELED SYSTEMS

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

REYENGA, A. J. (CONTD.)

11	KLOVERSTROM, F. A. / DECK, R. M. / REYENGA, A. J.	NSENAO, 08, 221-225	60-09-00	CRITICAL MEASUREMENTS ON NEAR-HOMOGENEOUS BERYLLIUM OXIDE-MODERATED, ENRICHED-URANIUM FUELED SYSTEMS

REYNOLDS, A. B.

1149	REYNOLDS, A. B. / THOMPSON, T. J. / HENRY, K. M. / JOHNSON, E. B.	NSENAO, 07, 001-013	60-01-00	REACTIVITY EFFECTS OF LARGE VOIDS IN THE REFLECTOR OF A LIGHT-WATER-MODERATED AND -REFLECTED REACTOR
522	LONG, J. K. / MC VEAN, R. L. / REYNOLDS, A. B. / STEWART, S. L. / WEITZBERG, A. / LERIDON, A. M.	NSENAO, 25, 442-444	66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3
952	REYNOLDS, A. B. / STEWART, S. L.	ANL-7320, 569-585	66-10-10	APPLICATION OF THE SEFOR CRITICAL EXPERIMENTS AT ZPR-3 TO SEFOR

REYNOLDS, H. L.

61	REYNOLDS, H. L.	UCRL-5175	58-03-31	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS
273	REYNOLDS, H. L.	GENEVA-2, 12, 632-642	58-09-00	CRITICAL MEASUREMENTS AND CALCULATIONS FOR ENRICHED-URANIUM GRAPHITE-MODERATED SYSTEMS
54	REYNOLDS, H. L. / WALTER, C. E.	UCRL-5483	59-03-30	HOT BOX - A HIGH-TEMPERATURE CRITICAL FACILITY
255	GOLDBERG, E. / FINKE, R. G. / REYNOLDS, H. L.	TANSAO, 03, 071-072	60-06-00	HIGH TEMPERATURE GRAPHITE CRITICAL EXPERIMENTS
254	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	TANSAO, 03, 334-335	60-12-00	HIGH TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENTS
51	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	UCRL-6329	61-03-21	SUMMARY REPORT ON A HIGH-TEMPERATURE BERYLLIUM-OXIDE CRITICAL EXPERIMENT
60	FINKE, R. G. / GOLDBERG, E. / REYNOLDS, H. L. / GRAMMENS, G.	UCRL-6673	61-10-27	A COOLED-REFLECTOR, HOT-BERYLLIUM-OXIDE-CORE CRITICAL EXPERIMENT

RICE, R. E.

267	CERUTTI, B. C. / LICHTENBERGER, H. V. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	NSENAO, 01, 126-134	56-05-00	ZPR-3, ARGONNE'S FAST CRITICAL FACILITY
354	LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W.	GENEVA-2, 12, 119-141	58-09-00	FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3

RICHEY, C. R.

360	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R.	HW-75228	62-10-25	CRITICAL MASS EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
329	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311, 40-47	63-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

RICHEY, C. R. (CONTD.)

366	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D.	HW-77871	63-00-00	SUBCRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
358	LLOYD, R. C. / CLAYTON, E. D. / RICHEY, C. R. / BIERMAN, S. R.	HW-77311	63-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM NITRATE SOLUTIONS
367	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / BIERMAN, S. R. / GARLID, K. L. / SKEEN, D. R.	HW-79054	63-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE- POLYSTYRENE COMPACTS
970	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-80020, 31-37	64-01-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE POLYSTYRENE COMPACTS
816	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-81659, 45-48	64-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE- POLYSTYRENE COMPACTS
298	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 07, 081	64-06-00	HOMOGENEOUS CRITICAL EXPERIMENTS WITH PLUTONIUM/PLASTIC MIXTURES IN THE INTERMEDIATE ENERGY RANGE
752	WHITE, J. D. / RICHEY, C. R.	HW-84608	65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS
756	RICHEY, C. R. / WHITE, J. D.	BNWL-0095	65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS
390	RICHEY, C. R. / LLOYD, R. C. / CLAYTON, E. D.	NSENAO, 21, 217-226	65-02-00	CRITICALITY OF SLIGHTLY ENRICHED URANIUM IN WATER-MODERATED LATTICES
416	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / LLOYD, R. C. /	NSENAO, 23, 150-158	65-10-00	CRITICALITY OF HOMOGENEOUS PLUTONIUM OXIDE- PLASTIC COMPACTS AT HYDROGEN TO PLUTONIUM RATIO = 15
853	WHITE, J. D. / RICHEY, C. R.	BNWL-0193, 57-67	65-10-15	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS
837	WHITE, J. D. / RICHEY, C. R.	TANSAO, 08, 441-442	65-11-00	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS
840	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	TANSAO, 08, 444-445	65-11-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
779	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	IAEA-STOCK.-1965, 215-233	65-11-00	CRITICALITY RESEARCH ON PLUTONIUM
283	CLAYTON, E. D. / RICHEY, C. R. / LLOYD, R. C. / BIERMAN, S. R. / CARTER, L. L.	BNWL-SA-0232	66-00-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
525	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	NSENAO, 25, 165-173	66-06-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
569	RICHEY, C. R.	NSENAO, 31, 040-048	68-01-00	CRITICALITY OF HETEROGENEOUS ARRAYS UNDERGOING DISSOLUTION
568	RICHEY, C. R.	NSENAO, 31, 032-039	68-01-00	THEORETICAL ANALYSES OF HOMOGENEOUS PLUTONIUM CRITICAL EXPERIMENTS
1528	RICHEY, C. R.	TANSAO, 17, 279-280	73-11-00	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

RICHEY, C. R. (CONTD.)

1447	RICHEY, C. R.	NSENAO, 55, 244-248	74-10-00	REEXAMINATION OF THE VALUE FOR THE MINIMUM CRITICAL CONCENTRATION OF PLUTONIUM-239 IN WATER
------	---------------	---------------------	----------	---

RICHMOND, R.

696	RICHMOND, R.	AEEW-R124	64-01-00	BUCKLING MEASUREMENTS ON GRAPHITE LATTICES CONTAINING COMPOSITE PLUTONIUM-URANIUM FUEL ELEMENTS
-----	--------------	-----------	----------	---

RINGO, G. R.

1141	EGGLER, C. / HUDDLESTON, C. M. / KROHN, V. E. / RINGO, G. R.	NSENAO, 01, 391-408	56-10-00	MEASUREMENT OF NEUTRON SPECTRA OF THE EXPERIMENTAL BREEDER REACTOR
------	--	---------------------	----------	--

RISLEY, G. G.

131	ERNST, B. B. / RISLEY, G. G. / TUCK, G.	RFP-0684, 005-006	66-02-04	METAL PARTS TEST.. PUBLISHED IN NUCLEAR SAFETY RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT FOR JULY, AUGUST, AND SEPTEMBER 1965, EDITED BY SCHUSKE, C. L.
-----	---	-------------------	----------	--

RITZ, H.

680	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	YAEC-142	59-11-30	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES
-----	--	----------	----------	---

ROACH, K. E.

2008	WITTKOPF, W. A. / ROACH, K. E.	TANSAO, 04, 305-306	61-11-00	NUCLEAR ANALYSIS OF 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES
------	--------------------------------	---------------------	----------	--

ROBERTS, D. M.

347	ENGELDER, T. C. / SNIDOW, N. L. / ROBERTS, D. M. / FAIRBURN, G. I. / ROY, D. H.	BAW-1283	63-00-00	MEASUREMENTS OF K(INF) AND OTHER PARAMETERS IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE
-----	---	----------	----------	--

ROBIN, C.

280	ITHURRALDE, M. F. / KREMSER, J. / LECLERC, J. / LOMBARD, C. / MOREAU, J. / ROBIN, C.	CEA-R-2488	64-08-00	INTERPRETATION OF CRITICALITY EXPERIMENTS ON HOMOGENEOUS SOLUTIONS OF PLUTONIUM AND URANIUM
-----	--	------------	----------	---

ROBINSON, R.

1632	KARAM, R. A. / STANFORD, G. S. / ROBINSON, R.	TANSAO, 14, 021-022	71-06-00	ANISOTROPIC EFFECTS IN A 4000-LITER URANIUM DIOXIDE FAST CORE, ZPR-6 ASSEMBLY 6A.
------	---	---------------------	----------	---

ROBINSON, R. A.

1047	MC COOL, W. J. / ROBINSON, R. A. / SCHRADER, E. W. / WEISS, S. H.	NSENAO, 09, 047-054	61-01-00	SM-2 FLEXIBLE CRITICAL EXPERIMENTS
------	---	---------------------	----------	------------------------------------

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

ROBINSON, W. R.

821	BOYNTON, A. R. / PLUMLEE, K. E. / REDMAN, W. C. / ROBINSON, W. R. / STANFORD, G. S.	ANL-7110, 082-084	65-12-00	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT
1875	PLUMLEE, K. E. / DAUGHTRY, J. W. / JOHNSON, T. W. / ROBINSON, W. R. / SCHULTZ, R. A. / STANFORD, G. S.	ANL-7483	69-02-00	ARGONNE ADVANCED RESEARCH REACTOR CRITICAL EXPERIMENTS.
1811	ROBINSON, W. R. / LESAGE, L. G. / POND, R. B.	ANL-7773	71-03-00	SUMMARY OF CRITICAL-MASS CONFIGURATIONS, MATERIAL CONCENTRATIONS, AND CONTROL-ROD WORTHS FOR ZPR-9 ZONED FAST CRITICAL ASSEMBLIES 11-25.

ROGERS, C. A.

1883	ROGERS, C. A. / LLOYD, R. C. / BIERMAN, S. R. / CLAYTON, E. D.	BNWL-1258	69-11-00	REFLECTOR SAVINGS FOR URANYL NITRATE OF LOW ENRICHMENT.
1732	BROWN, C. L. / ROGERS, C. A.	TANSAO, 13, 663-664	70-11-00	CRITICAL APPROACH AND EXPONENTIAL EXPERIMENTS WITH PROTOTYPE FFTF DRIVER FUEL PINS IN WATER.

ROGERS, V. C.

1862	STEVENSON, J. M. / CASIDLO, J. M. / ROGERS, V. C. / SIMONS, G. G. / VOSBURGH, R. O.	ANL-7695	70-04-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.

ROGERS, W. B.

762	HENNELLY, E. J. / PARKINSON, T. F. / ROGERS, W. B.	TANSAO, 03, 021-023	60-06-00	BUCKLING MEASUREMENTS ON NATURAL URANIUM - HEAVY WATER LATTICES AT TEMPERATURES UP TO 215 DEGREE CENTIGRADE
1015	ROGERS, W. B. / KINARD, F. E.	NSENAO, 20, 266-271	64-11-00	MATERIAL BUCKLING AND CRITICAL MASSES OF URANIUM RODS CONTAINING 3 WEIGHT PERCENT URANIUM-235 IN WATER

ROHRER, E. R.

235	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	Y-0801 (DEL.)	51-08-00	CRITICAL MASS STUDIES, PART-6
111	FOX, J. K. / GILLEY, L. W. / ROHRER, E. R.	ORNL-2143	59-09-23	CRITICAL MASS STUDIES, PART-8 AQUEOUS SOLUTIONS OF URANIUM-233
145	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-3193, 168	61-09-01	NEW CRITICAL EXPERIMENT MACHINES
1202	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-4193, 168-173	61-10-00	NEW CRITICAL EXPERIMENT MACHINES

ROMESBURG, H. C.

793	JONES, L. L. / ROMESBURG, H. C.	WAPD-TM-0632	66-09-00	CRITICAL DIMENSION OF URANIUM-235 AQUEOUS SOLUTIONS CONTAINING URANIUM-238 OR THORIUM-232

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

ROSENTHAL, H. B.

1498 ROSENTHAL, H. B. TANSO, 04, 111 61-06-00 PM-1 ZERO POWER TEST EXPERIMENTAL STUDIES

ROSENZWEIG, N.

1954 BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I. GENEVA-1, 05, 342-346 55-08-00 THE FAST EXPONENTIAL EXPERIMENTS

ROTHER, R. E.

484 ROTHER, R. E. RFP-1021 67-09-18 CRITICAL MASSES FOR PARTIALLY STEEL REFLECTED ENRICHED URANIUM METAL ASSEMBLIES

984 ROTHER, R. E. CONF-680909, 096-107 68-09-23 THE INTERACTION BETWEEN POISONED AND UNPOISONED ELEMENTS IN A PERIODIC SLAB-CELL ARRAY

494 ROTHER, R. E. NSEAO, 35, 267-276 69-02-00 CRITICAL MEASUREMENTS ON AN ENRICHED URANIUM SOLUTION SYSTEM

1750 ROTHER, R. E. / SCHUSKE, C. L. / HICKS, E. E. NUAPA, 07, 505-512 69-12-00 CRITICALITY OF A URANIUM-SOLUTION SLAB UNDER VARIOUS REFLECTOR CONDITIONS.

1925 HUNT, D. C. / ROTHER, R. E. TANSO, 13, 380-381 70-06-00 CRITICALITY MEASUREMENTS ON URANIUM METAL SOLUTION COMBINATIONS.

1737 HUNT, D. C. / ROTHER, R. E. TANSO, 13, 662-663 70-11-00 CRITICALITY CALCULATIONS AND MEASUREMENTS ON ENRICHED URANIUM METAL-SOLUTION COMBINATIONS.

1624 HUNT, D. C. / ROTHER, R. E. TANSO, 14, 038-039 71-06-00 CRITICALITY ANALYSIS OF ENRICHED URANIUM METAL SPHERES UNDERGOING DISSOLUTION.

1647 HUNT, D. C. / ROTHER, R. E. NSEAO, 46, 076-087 71-10-00 CRITICALITY MEASUREMENTS ON URANIUM METAL SPHERES IMMERSED IN URANIUM SOLUTION.

1544 ROTHER, R. E. / HUNT, D. C. NSEAO, 54, 360-366 74-07-00 EFFECT OF POSITION IN THE CRITICALITY OF URANIUM SPHERES IN URANIUM SOLUTION CYLINDERS

1555 ROTHER, R. E. TANSO, 19, 187-188 74-11-00 CRITICALITY OF PERIODICALLY BORON-POISONED ENRICHED-URANIUM-SOLUTION SYSTEMS

1559 ROTHER, R. E. / ALVAREZ, D. L. / CLARK, H. E. NUTYBB, 25, 502-516 75-03-00 THE CRITICALITY OF PERIODICALLY BORON-POISONED URANIUM SOLUTION SYSTEMS

1433 SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHER, R. E. / TUCK, G. RFP-NUREG-2481 76-01-00 REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JULY 1, 1975 THROUGH DECEMBER 31, 1975)

1606 SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHER, R. E. / SHEETS, W. R. RFP-NUREG-2517 76-05-00 REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JANUARY 1, 1976--MARCH 31, 1976

1607 SCHUSKE, C. L. / DICKINSON, D. / ROTHER, R. E. RFP-NUREG-2555 76-08-00 REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, APRIL 1, 1976--JUNE 30, 1976

1511 SCHUSKE, C. L. / ROTHER, R. E. RFP-NUREG-2582 76-10-00 REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JULY 1, 1976--SEPTEMBER 30, 1976

1939 SCHUSKE, C. L. / DICKINSON, D. / ROTHER, R. E. / OH, I. / GAYLORD, N. D. RFP-NUREG-2622 77-02-00 REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, OCTOBER 1, 1976--DECEMBER 31, 1976

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

ROTHE, R. E. (CONTD.)

1434	SCHUSKE, C. L. /
DICKINSON, D. / GAYLORD,
N. D. / OH, I. / ROTHE,
R. E. / TUCK, G.	RFP-NUREG-2660	77-05-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS
REPORT FOR PERIOD JANUARY 1, 1977, THROUGH
MARCH 31, 1977)
1435	DICKINSON, D. / GAYLORD,
N. D. / ROTHE, R. E. /
TUCK, G.	RFP-NUREG-2690	77-09-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS
REPORT FOR PERIOD APRIL 1, 1977, THROUGH
JUNE 30, 1977)
2095	ROTHE, R. E. / OH, I.	RFP-2710	78-04-00	BENCHMARK CRITICAL EXPERIMENTS ON HIGH-
ENRICHED URANYL NITRATE SOLUTION SYSTEMS
2111	OH, I. / PECORA, D. /
ROTHE, R. E.	RFP-2795	78-06-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS
REPORT FOR PERIOD JANUARY 1, 1978, THROUGH
MARCH 31, 1978)

ROY, D. H.

347	ENGELDER, T. C. / SNIDOW,
N. L. / ROBERTS, D. M.
/ FAIRBURN, G. T. / ROY,
D. H. | BAW-1283 | 63-00-00 | MEASUREMENTS OF K(INF) AND OTHER PARAMETERS
IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE |
|-----|--|----------|----------|---|

RUECKERT, N.T.

1691	RUECKERT, N.T. / THOMAS,
W. | ATOMKERNENERGIE, 21,
197-202 | 73-03-00 | CRITICALITY SAFETY OF PIPE INTERSECTIONS
FOR PLUTONIUM NITRATE SOLUTIONS. |
|------|--------------------------------|---------------------------------|----------|--|

RUKHLO, V. P.

1752	YUROVA, L. N. / KLYUYEV,
L. M. / KRYUKOV, A. P. /
PETROV, V. N. / POLYAKOV,
A. A. / REDKIN, A. F. /
RUKHLO, V. P. / TSURIKOV,
V. F. / TROFIMOV, A. P.
/ BOLSHAKOV, V. A. | PHYSICS OF NUCLEAR
REACTORS-COLLECTION
OF WORKS, NO. 1,
MOSCOW, ATOMIZDAT,
1968, PP 32-38 | 68-00-00 | THE LADA PHYSICS TEST STAND |
|------|--|---|----------|-----------------------------|

RUSCH, G. K.

833	RUSCH, G. K. / BOHME, E.
R. / DATES, L. R. /
GRIFONI, S. / KATO, W. Y.
/ MAIN, G. W. / MEISTER,
H. / NOZAWA, M. /
STOVER, R. L.	ANL-7010, 091-110	65-01-00	INVESTIGATIONS OF A 600 LITRE URANIUM
CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)
923	RUSCH, G. K. / KARAM, R.
A. / KATO, W. Y. / MAIN, G.
W.	ANL-7320, 231-236	66-10-10	PHYSICS PARAMETERS OF LARGE DILUTE URANIUM
CARBIDE CORES
940	KARAM, R. A. / ANCARANI,
A. / HELM, F. / KATO, W. Y.
/ MAIN, G. W. / RUSCH, G.
K.	ANL-7320, 403-420	66-10-10	EXPERIMENTAL VERIFICATION OF REACTOR
PHYSICS PARAMETERS OF ZONED CORES
121	KARAM, R. A. / ANCARANI,
A. / HELM, F. / KATO, W. Y.
/ MAIN, G. W. / RUSCH, G.
K.	ANL-7281	66-12-00	MEASURED PHYSICS PARAMETERS IN A ZONED FAST
URANIUM CARBIDE CORE, ASSEMBLY 42
1633	DAUGHTRY, J. W. / POND,
R. B. / FLEISCHMAN, R. M.
/ SWANSON, C. S. /
RUSCH, G. K. / KIER, P.
H.	TANSAO, 14, 024-025	71-06-00	FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL
PROGRAM.

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

RUSH, J. H.

1984	BRANCH, G. / JONES, H. / RUSH, J. H. / WEINBERG, A. M.	CP-2842	45-10-26	WATER LATTICE EXPERIMENTS
------	--	---------	----------	---------------------------

RUSSELL, J. L.

1191	CROSBIE, K. L. / RUSSELL, J. L.	GA-7102	66-04-07	HAZARDS SUMMARY REPORT FOR APFA-III
1232	PROFIO, A. E. / ANTUNEZ, H. M. / CROSBIE, K. L. / RUSSELL, J. L.	TANSAO, 09, 233-234	66-06-00	TIME-OF-FLIGHT MEASUREMENT OF THE NEUTRON SPECTRUM FROM A SPHERICAL URANIUM-235 FAST REACTOR
1489	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L. / SARGIS, D. A. / SHARP, R.	GA-8767	68-08-26	FAST CRITICAL EXPERIMENTS IN SUPPORT OF THERMIONIC REACTOR PHYSICS
1186	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	GA-9100	68-12-13	THE NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT ASSEMBLY NO. 1
1404	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L.	TANSAO, 12, 221-223	69-06-00	FAST SPECTRUM MEASUREMENTS ON A SUBCRITICAL SECTION OF THE THERMIONIC CRITICAL EXPERIMENT
1345	COHEN, S. C. / MOORE, R. A. / YOUNG, J. C. / RUSSELL, J. L.	NSENAO, 37, 111-126	69-07-00	FAST NEUTRON SPECTRUM FOR A SUBCRITICAL SECTION OF A HOMOGENEOUS URANIUM-235 POLYETHYLENE CRITICAL ASSEMBLY

RUTLEDGE, G. P.

682	RUTLEDGE, G. P. / KANTORCZYK, P. A.	WAPD-TM-0244	60-11-00	NUCLEAR ANALYSIS OF THERMAL REFLECTED CYLINDRICAL HOMOGENEOUS CRITICAL ASSEMBLIES
-----	--	--------------	----------	--

RYAN, T. M.

2075	VOORHIS, A. D. / RYAN, T. M. / GOLDSMITH, M. / JONES, R. T.	WAPD-170	57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF ABSORBING MEMBRANES OF CADMIUM, GOLD, AND BORON
------	---	----------	----------	---

RYDIN, R. A.

1877	RYDIN, R. A. / BURKE, J. / FEINER, F. / SEEMANN, K. W. / STACEY, W. M.	KAPL-P-3847	69-00-00	STATIC MEASUREMENTS PREPARATORY TO SPACE- TIME KINETICS EXPERIMENTS IN THE SHA.
------	--	-------------	----------	--

S

SAGOT, M.

591	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585- 606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES
-----	--	---------------------------	----------	---

SAHAI, K.

591	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585- 606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES
-----	--	---------------------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SALESSE, H.

291	BERTRAND, J. / BONNAURE, P. / CLOUET D'ORVAL, C. / CORPEL, J. / GIROUSSE, A. / LACOGSTRY, B. / PREVOST, I. / SALESSE, H. / TACHON, J. / VENDRYES, C.	GENEVA-2, 12, 539-562	58-09-00	PROSERPINE, A HOMOGENEOUS CRITICAL EXPERIMENT WITH PLUTONIUM

SALMON, A. J.

624	BEVAN, G. / MUMMERY, P. W. / SALMON, A. J. / THOMPSON, M. W.	AERE-R/R-2602	54-11-00	EXPONENTIAL EXPERIMENTS FOR PIPPA MK. 1 (DECLASSIFIED VERSION OF AERE-RP/R-1545)

SALVATOIRES, M.

1628	LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATOIRES, M.	TANSO, 14, 017-018	71-06-00	INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.
1629	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATOIRES, M. / STANFORD, G. S.	TANSO, 14, 018-019	71-06-00	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.
1648	ZOLOTAR, B. A. / SALVATOIRES, M. / BINGMAN, B. M. / LEWIS, E. E.	TANSO, 14, 848-849	71-10-00	COMPARATIVE STUDY OF HETEROGENEITY TREATMENTS FOR ZRP PLATE CELLS.

SAMPSON, J. B.

1992	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	IAEA-AMST.-1963, 3, 035-061	63-09-00	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION

SANDERS, J. E.

617	INGRAM, G. / SANDERS, J. E.	AERE-R/R-2539	58-07-00	THE BEHAVIOUR OF ZEPHYR WITH A GRAPHITE ENVELOPE
686	SANDERS, J. E.	AEEW-M340	63-04-00	EXPERIMENTS IN ZENITH
673	CARTER, D. H. / CLARKE, W. G. / HUNT, C. / MARSHALL, J. / MC CULLOCH, D. B. / SANDERS, J. E. / SYMONS, C. R.	AEEW-R201	64-00-00	MEASUREMENTS OF BUCKLING AND RELATIVE REACTION RATES IN SOME PLUTONIUM-GRAPHITE ASSEMBLIES

SANTANDREA, E.

680	DAVISON, P. W. / GROB, V. E. / HANLEN, D. F. / LEAMER, R. D. / RITZ, H. / SANTANDREA, E.	YAEC-142	59-11-30	TWO REGION CRITICAL EXPERIMENTS WITH WATER MODERATED SLIGHTLY ENRICHED URANIUM DIOXIDE LATTICES
558	BITELLI, G. / MARTINELLI, R. / ORESTANO, F. V. / SANTANDREA, E.	NSENAO, 28, 270-276	67-05-00	ANALYSIS OF CRITICAL EXPERIMENTS WITH ORGANIC-MODERATED ASSEMBLIES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

SARGIS, D. A.

1489	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L. / SARGIS, D. A. / SHARP, R.	GA-8767	68-08-26	FAST CRITICAL EXPERIMENTS IN SUPPORT OF THERMIONIC REACTOR PHYSICS
1370	SARGIS, D. A. / BAXTER, A. / ARCHIBALD, R.	GA-8847	68-09-22	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY 48 USING ENDF/B CROSS SECTIONS
1363	ARCHIBALD, R. / BAXTER, A. / SARGIS, D. A.	TANSAO, 12, 182-183	69-06-00	A BENCHMARK STUDY OF ZPR-3 ASSEMBLY-48 USING ENDF/B CROSS SECTIONS
1298	MOORE, R. A. / SARGIS, D. A. / COHEN, S. C.	NSENAO, 39, 263-272	70-02-00	INTEGRAL TEST OF ENDF/B AND GAM NEUTRON CROSS-SECTION DATA IN A CLEAN FAST ASSEMBLY

SARMA, B.

1932	NOBLE, L. D. / MITZEL, F. / SARMA, B. / WINTZER, D. / LU, Y. S. / KESSLER, G. / PFLASTERER, G. R. / BECKER, R. A. / MANSUR, L.	GEAP-13588	70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.

SATTERFIELD, R. M.

571	GRAVES, W. E. / BENTON, F. D. / SATTERFIELD, R. M.	NSENAO, 31, 057-066	68-01-00	A COMPARISON OF HETEROGENEOUS NUCLEAR-REACTOR LATTICE THEORY WITH EXPERIMENT

SAUVE, A.

279	MOLBERT, M. / SAUVE, A. / HOUELLE, M. / DEILGAT, E.	CEA-2495	64-00-00	CRITICALITY EXPERIMENTS WITH ANNULAR CYLINDERS CONTAINING PLUTONIUM SOLUTIONS

SCHALETTAR, R.

1451	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL

SCHENTER, R. E.

1918	LITTLE, W. W. / KIDMAN, R. B. / SCHENTER, R. E. / O'DELL, L. D. / HARDIE, R. W. / STEWART, K. B.	TANSAO, 13, 304	70-06-00	ANALYSIS OF CRITICAL EXPERIMENTS USING VERSION II OF THE EVALUATED NUCLEAR DATA FILE (ENDF/B).

SCHLESINGER, G.

429	STROMINGER, D. / SCHLESINGER, G.	NSENAO, 21, 441-450	65-04-00	FISSION-RATE MEASUREMENTS IN THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS

SCHMID, L. C.

1998	TRIPLETT, J. R. / SCHMID, L. C. / PETERSON, R. E. / DUNN, R. E. / REGIMBAL, J. J.	TANSAO, 04, 115-116	61-06-00	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS
735	SCHMID, L. C. / STINSON, W. P. / LIIKALA, R. C. / WORDEN, J. R.	HW-81659, 04-09	64-04-15	EXPERIMENTS WITH PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUEL ELEMENTS IN LIGHT WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SCHMID, L. C. (CONTD.)

1960 UOTINEN, V. O. / LAUBY, J. H. / SCHMID, L. C. / STINSON, W. P. NUTYBB, 15, 257-271 72-08-00 LATTICES OF PLUTONIUM-ENRICHED RODS IN LIGHT WATER--PART 1: EXPERIMENTAL RESULTS

SCHMIDT, J. J.

1179 KUSTERS, H. / SCHMIDT, J. J. / BROEDERS, C. H. M. / EISEMANN, E. / METZENROTH, M. / SCHROETER, K. E. / THIEM, D. KFK-793 68-11-00 ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE

1409 EISEMANN, E. / KUESTERS, H. / METZENROTH, M. / SCHMIDT, J. J. / SCHROETER, K. E. / THIEM, D. TANSAO, 11, 601-602 68-11-00 ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE

1794 KIEFHABER, E. / KUESTERS, H. / SCHMIDT, J. J. / BACHMANN, H. / KRIEG, B. / STEIN, E. / THIEM, D. / WAGNER, K. / HINKELMANN, B. / SIEP, I. CONF-690634, 094-100 69-06-24 EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.

1801 KIEFHABER, E. / SCHMIDT, J. J. EURFNR-0858 70-09-00 EVALUATION OF FAST CRITICAL EXPERIMENTS USING RECENT METHODS AND DATA.

SCHMITT, P.

1920 CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER-HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIAKOFF, O. / VIDAL, R. / WITTEK, G. TANSAO, 13, 292-293 70-06-00 JOINT EXPERIMENTS ON MASURCA, ERMINÉ, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.

SCHRADER, E. W.

1047 MC COOL, W. J. / ROBINSON, R. A. / SCHRADER, E. W. / WEISS, S. H. NSENAO, 09, 047-054 61-01-00 SM-2 FLEXIBLE CRITICAL EXPERIMENTS

SCHREIBER, R. E.

1980 BAKER, C. P. / DAGHLIAN, H. K. / FRIEDLANDER, G. / HOLLOWAY, M. G. / KERST, D. W. / SCHREIBER, R. E. LA-0134 44-09-04 WATER BOILER

139 CARTER, R. E. / HINTON, J. C. / KING, L. D. P. / SCHREIBER, R. E. LA-0241 45-04-12 WATER TAMPOR MEASUREMENTS

SCHRODER, R.

967 ENGELMANN, P. / BOHME, R. / BRUHN, G. / DURAND-SMET, R. / FOELL, W. K. / HABERMANN, F. W. A. / SCHRODER, R. / WINTZER, D. ANL-7320, 759-775 66-10-10 INITIAL EXPERIMENTS IN THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SCHROETER, K. E.

1179	KUSTERS, H./ SCHMIDT, J.
J./ BROEDERS, C. H. M./
EISEMANN, E./ METZENROTH,
M./ SCHROETER, K. E./
THIEM, D.	KFK-793	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND
LARGE FAST POWER REACTORS WITH GROUP-
CONSTANT SETS RECENTLY EVALUATED AT
KARLSRUHE
1409	EISEMANN, E./ KUESTERS,
H./ METZENROTH, M./
SCHMIDT, J. J./
SCHROETER, K. E./ THIEM,
D.	TANSAO, 11, 601-602	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND
LARGE FAST POWER REACTORS WITH GROUP-
CONSTANT SETS RECENTLY EVALUATED AT
KARLSRUHE

SCHULTZ, R. A.

1875	PLUMLEE, K. E./ DAUGHTRY,
J. W./ JOHNSON, T. W./
ROBINSON, W. R./ SCHULTZ,
R. A./ STANFORD, G. S. | ANL-7483 | 69-02-00 | ARGONNE ADVANCED RESEARCH REACTOR CRITICAL
EXPERIMENTS. |
|------|--|----------|----------|--|

SCHUSKE, C. L.

604	SCHUSKE, C. L.	RFP-0051	55-06-29	NEUTRON MULTIPLICATION MEASUREMENTS OF
ORALLOY UNITS IN ARRAYS
189	SCHUSKE, C. L./ ARTHUR,
M. G./ SMITH, D. F.	RFP-0066	56-08-06	NEUTRON MULTIPLICATION MEASUREMENTS ON
ORALLOY SLABS IMMERSED IN SOLUTIONS. PART-1
190	SCHUSKE, C. L./ ARTHUR,
M. G./ SMITH, D. F.	RFP-0069	56-10-25	NEUTRON MULTIPLICATION MEASUREMENTS ON
ORALLOY SLABS IMMERSED IN SOLUTION. PART-2
1113	SCHUSKE, C. L./ ARTHUR,
M. G./ GOODWIN, A./
NICKEL, A. N./ SMITH, D.
F.	RFP-0089	57-11-27	SUBCRITICAL MEASUREMENTS ON PARALLELEPIPEDS
CONTAINING URANIUM-235 AND SALT EUTECTIC
200	GOODWIN, A. / SCHUSKE, C.
L.	RFP-0123	58-09-29	PLUTONIUM GRAPHITE ASSEMBLIES
199	GOODWIN, A. / SCHUSKE, C.
L.	RFP-0158	59-08-10	PLUTONIUM GRAPHITE ASSEMBLIES - PART-2
181	SCHUSKE, C. L./ GOODWIN,
A. / BIDINGER, G. H./
SMITH, D. F.	RFP-0174	59-12-28	INTERACTION OF TWO METAL SLABS OF PLUTONIUM
IN PLEXIGLASS
170	SCHUSKE, C. L. /
BIDINGER, G. H. /
GOODWIN, A. / SMITH, D.
F.	RFP-0178	60-01-20	PLUTONIUM PLEXIGLAS ASSEMBLIES
1987	GOODWIN, A. / SCHUSKE, C.
L. / BIDINGER, G. H.	RFP-0182	60-01-26	CRITICALITY STUDIES OF ENRICHED URANIUM
METAL IN URANYL NITRATE SOLUTIONS
194	BIDINGER, G. H./ SCHUSKE,
C. L./ SMITH, D. F.	RFP-0201	60-07-07	NUCLEAR SAFETY EXPERIMENTS ON PLUTONIUM AND
ENRICHED URANIUM HYDROGEN MODERATED
ASSEMBLIES CONTAINING BORON
171	BIDINGER, G. H./ SCHUSKE,
C. L./ SMITH, D. F.	RFP-0190	60-07-27	PLUTONIUM PLEXIGLAS ASSEMBLIES PART-2
483	SCHUSKE, C. L.	RFP-0059	60-11-14	NEUTRON MULTIPLICATION MEASUREMENTS OF
PARALLEL ARRAYS OF ORALLOY UNITS
330	GOODWIN, A. / SCHUSKE, C.
L.	JAABA, 15, 120-129	61-00-00	PLEXIGLAS AND GRAPHITE MODERATED PLUTONIUM
ASSEMBLIES
182	SCHUSKE, C. L./ SMITH, D.
F./ BELL, C. L.	RFP-0213	61-01-10	PLEXIGLAS-REFLECTED ASSEMBLIES OF PLUTONIUM

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SCHUSKE, C. L. (CONTD.)

195	SCHUSKE, C. L. / BIDINGER, G. H.	RFP-0246	61-08-00	NUCLEAR SAFETY MEASUREMENTS ON SYSTEMS CONTAINING BORON AND ENRICHED URANIUM
109	SCHUSKE, C. L. / BELL, C. L. / BIDINGER, G. H. / SMITH, D. F.	RFP-0248	62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM
649	SCHUSKE, C. L. / ERNST, B. B. / KING, H. W.	RFP-0315	63-05-29	EMPIRICAL ANALYSIS OF CRITICAL BARE ARRAYS OF CYLINDERS OF ENRICHED URANIUM NITRATE
208	SCHUSKE, C. L. /	RFP-0325	63-08-26	TWO EXPERIMENTAL SUBCRITICAL ARRAYS OF PLUTONIUM NITRATE SOLUTION
1750	ROTHE, R. E. / SCHUSKE, C. L. / HICKS, E. E.	NUAPA, 07, 505-512	69-12-00	CRITICALITY OF A URANIUM-SOLUTION SLAB UNDER VARIOUS REFLECTOR CONDITIONS.
1744	DICKINSON, D. / SCHUSKE, C. L.	NUTYBB, 10, 179-187	71-02-00	EMPIRICAL MODEL FOR SAFE PIPE INTERSECTIONS CONTAINING FISSILE SOLUTION.
1684	SCHUSKE, C. L.	TANSAO, 16, 157-158	73-06-00	EXPERIMENTAL PROGRAMS AT THE DOW ROCKY FLATS NUCLEAR SAFETY LABORATORY.
1558	SCHUSKE, C. L. / DICKINSON, D.	NUTYBB, 25, 072-083	75-01-00	CRITICALITY DESIGN OF A LARGE-CAPACITY PLUTONIUM MELTING CRUCIBLE
1433	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2481	76-01-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JULY 1, 1975 THROUGH DECEMBER 31, 1975)
1606	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / SHEETS, W. R.	RFP-NUREG-2517	76-05-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JANUARY 1, 1976--MARCH 31, 1976
1608	SCHUSKE, C. L.	TANSAO, 23, 230	76-06-00	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES AND COMMENTS ON THE CURRENT EXPERIMENTS PROGRAM
1602	SCHUSKE, C. L. / PAXTON, H. C.	NUTYBB, 30, 101-137	76-08-00	HISTORY OF FISSILE ARRAY MEASUREMENTS IN THE UNITED STATES
1607	SCHUSKE, C. L. / DICKINSON, D. / ROTHE, R. E.	RFP-NUREG-2555	76-08-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, APRIL 1, 1976--JUNE 30, 1976
1511	SCHUSKE, C. L. / ROTHE, R. E.	RFP-NUREG-2582	76-10-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JULY 1, 1976--SEPTEMBER 30, 1976
1939	SCHUSKE, C. L. / DICKINSON, D. / ROTHE, R. E. / OH, I. / GAYLORD, N. D.	RFP-NUREG-2622	77-02-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, OCTOBER 1, 1976--DECEMBER 31, 1976
1434	SCHUSKE, C. L. / DICKINSON, D. / GAYLORD, N. D. / OH, I. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2660	77-05-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1977, THROUGH MARCH 31, 1977)

SCHWAGER, J. E.

68	SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5006	57-11-15	CRITICAL MEASUREMENTS ON INTERMEDIATE-ENERGY GRAPHITE-URANIUM-235 SYSTEMS
18	KIRSCHBAUM, A. J. / SCHWAGER, J. E. / KLOVERSTROM, F. A. / GILBERT, W. S.	UCRL-5043	57-12-10	STUDIES OF ENRICHED-URANIUM GRAPHITE SYSTEMS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

SCOTT, D.

2073	CALLIHAN, A. D. / SCOTT, D.	ORNL-1634	53-11-18	PRELIMINARY CRITICAL ASSEMBLY FOR THE
MOLTEN FLUORIDE REACTOR EXPERIMENT
204	MIHALCZO, J. T. / LYNN, J.
J. / SCOTT, D. / CONNOLLY,
W. C.	ORNL-CF-59-4-120	59-04-22	PRELIMINARY REPORT ON 2% URANIUM-235-
ENRICHED URANIUM TETRAFLUORIDE/PARAFFIN
CRITICAL ASSEMBLIES

SCOTT, RAYMOND L.

1431	SCOTT, RAYMOND L.	TID-03533	59-08-00	CRITICALITY STUDIES (A LITERATURE SEARCH)

SEEMANN, K. W.

1877	RYDIN, R. A. / BURKE, J. /
FEINER, F. / SEEMANN, K.
W. / STACEY, W. M. | KAPL-P-3847 | 69-00-00 | STATIC MEASUREMENTS PREPARATORY TO SPACE-
TIME KINETICS EXPERIMENTS IN THE SHA. |
|------|--|-------------|----------|--|

SEGAL, B. M.

911	GREEBLER, P. / GYOREY, G.
L. / HUTCHINS, B. A. /
SEGAL, B. M. | ANL-7320, 066-079 | 66-10-10 | IMPLICATIONS OF RECENT FAST CRITICAL
EXPERIMENTS ON BASIC FAST REACTOR DESIGN
DATA AND CALCULATIONAL METHODS |
|-----|---|-------------------|----------|--|

SEHGAL, B. R.

899	SEHGAL, B. R. / WINDSOR,
H. / TUNNEY, W. J.	TANSAO, 10, 193-194	67-06-00	MEASUREMENTS AND ANALYSES OF SOME URANIUM-
233 DIOXIDE-THORIUM DIOXIDE WATER LATTICE
EXPERIMENTS
829	SEHGAL, B. R.	TANSAO, 10, 535-536	67-11-00	ANALYSIS OF SOME URANIUM-235-GRAPHITE
CRITICAL EXPERIMENTS
503	SEHGAL, B. R.	NSENAO, 34, 251-262	68-12-00	ANALYSIS OF BROOKHAVEN URANIUM-235 GRAPHITE
CRITICAL EXPERIMENTS
1401	KALLFELZ, J. M. / POENITZ,
W. P. / SEHGAL, B. R. /
ZOLOTAR, B. A.	TANSAO, 12, 186-187	69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS
THROUGH INTEGRAL EXPERIMENTS
1388	KALLFELZ, J. M. / ZOLOTAR,
B. A. / SEHGAL, B. R.	EACRP-L-77	69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS
SECTIONS AND THEIR INFLUENCE ON CALCULATED
FAST REACTOR PARAMETERS
1210	SEHGAL, B. R.	TANSAO, 10, 596-597	69-11-00	ANALYSES OF BROOKHAVEN URANIUM-233-THORIUM-
232 OXIDE, LIGHT- AND HEAVY-WATER-MODERATED
LATTICE EXPERIMENTS

SEIFRITZ, W.

1180	BORGWALDT, H. / EDELMANN,
M. / HABERMANN, F. W. A. /
KUBMAUL, G. / MEISTER, H.
/ SEIFRITZ, W. /
STEGEMANN, D. | KFK-899 | 68-12-00 | EXPERIENCE OBTAINED AT KARLSRUHE WITH
DIFFERENT KINETIC METHODS OF REACTIVITY
DETERMINATION |
|------|---|---------|----------|---|

SENCHENKOV, A. P.

467	KRASNIN, A. K. /
DUBOVSKY, B. G. /
LANTSOV, M. N. / GLAZKOV,
Y. Y. / GONCHOROV, R. K.
/ KAMAEV, A. V. /
VAVILOV, V. V. / INYUTIN,
E. I. / SENCHENKOV, A.
P. | GENEVA-2, 12, 571-
579 | 58-09-00 | PHYSICAL CHARACTERISTICS OF BERYLLIUM
MODERATED REACTOR |
|-----|--|---------------------------|----------|--|

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

SERDULA, K. J.

845	GREEN, R. E. / SERDULA, K. J. / BIGHAM, C. B.	TANSAO, 08, 253-254	65-06-00	EXPERIMENTAL LATTICE PARAMETERS FOR 28-ROD CLUSTERS OF NATURAL URANIUM DIOXIDE IN HEAVY WATER
782	SERDULA, K. J. / GREEN, R. E.	AECL-2516	65-10-00	LATTICE MEASUREMENTS WITH 19-ELEMENT NATURAL URANIUM METAL ASSEMBLIES. PART 1 - BUCKLINGS FOR A RANGE OF SPACINGS WITH HEAVY WATER AND HELIUM COOLANTS
792	SERDULA, K. J.	AECL-2606	66-07-00	LATTICE MEASUREMENTS WITH 28 - ELEMENT NATURAL URANIUM DIOXIDE FUEL ASSEMBLIES PART 1. BUCKLINGS FOR A RANGE OF SPACINGS WITH THREE COOLANTS
1874	MEHTA, S. L. / SERDULA, K. J.	AECL-3416	69-07-00	INTEGRAL MEASUREMENTS FOR 28-ELEMENT URANIUM-DIOXIDE ASSEMBLIES WITH AIR, WATER, AND AIR-WATER MIXTURE COOLANTS

SEUFERT, H.

917	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK

SHANKAR SINGH, R.

1781	MAHALINGAM, L. M. / SHANKAR SINGH, R.	PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 408-411	68-12-00	ANALYSIS OF ZPR-3 FAST CRITICAL ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA.
1374	MAHALINGAM, L. M. / SHANKAR SINGH, R.	BARC-421	69-00-00	ANALYSIS OF ZERO POWER REACTOR III ASSEMBLY 48 WITH RECENT CROSS-SECTION DATA

SHAPIRO, J. L.

1484	MOSS, L. I. / PODEWELTZ, C. M. / RANDALL, R. L. / SHAPIRO, J. L. / WIMMER, R. E.	TANSAO, 04, 053-054	61-06-00	ANALYTICAL AND EXPERIMENTAL RESULTS FOR A COMPACT, ZIRCONIUM HYDRIDE MODERATED CRITICAL ASSEMBLY

SHARP, R.

1489	COHEN, S. C. / MOORE, R. A. / RUSSELL, J. L. / SARGIS, D. A. / SHARP, R.	GA-8767	68-08-26	FAST CRITICAL EXPERIMENTS IN SUPPORT OF THERMIONIC REACTOR PHYSICS

SHAW, R. A.

1479	ADERHOLD, H. C. / BERG, S. S. / CLARK, D. D. / FEHR, E. B. / SHAW, R. A.	TANSAO, 06, 223-225	63-11-00	RESULTS OF INITIAL EXPERIMENTS ON THE CORNELL ZERO-POWER-REACTOR CORES

SHEETS, W. R.

1606	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / SHEETS, W. R.	RFP-NUREG-2517	76-05-00	REFERENCE CRITICAL EXPERIMENTS. PROGRESS REPORT, JANUARY 1, 1976--MARCH 31, 1976

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SHER, R.

631	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	BNL-01627	53-11-05	BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235)
2043	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	BNL-02184	55-02-07	BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS
1019	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	GENEVA-1, 05, 183- 202	55-08-00	EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER
1957	KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V.	JAABA, 02, 141	55-11-00	REACTOR PARAMETERS OF A LIGHT WATER-NORMAL URANIUM LATTICE (LETTER)
197	KOUTS, H. / SHER, R.	BNL-00486	57-09-00	EXPERIMENTAL STUDIES OF SLIGHTLY ENRICHED URANIUM, WATER-MODERATED LATTICES
1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446- 482	58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).
1421	SHER, R.	TANSAO, 12, 714	69-11-00	INTEGRAL MEASUREMENTS OF FAST-NEUTRON SPECTRA IN SOME URANIUM- AND PLUTONIUM- FUELED FAST REACTOR CORES

SHON, F. J.

59	MORTON, J. R. / SHON, F. J. / WEIRICH, T. F. / GARDNER, L. L.	UCRL-6729	62-01-02	REACTIVITY EFFECTS OF VARIOUS REFLECTORS ON NEAR-HOMOGENEOUS, BERYLLIUM OXIDE MODERATED, ORALLOY-FUELED SYSTEMS
----	---	-----------	----------	---

SHUKLA, V. K.

1782	SHUKLA, V. K. / GARG, S. B.	PROC. NUCL. PHYS. SOLID STATE PHYS. SYMP. BOMBAY (1968), 2, 412-415	68-12-00	A 26 GROUP CROSS-SECTION SET AND THE ANALYSIS OF ZPR-6 ASSEMBLY 4 Z
------	--------------------------------	--	----------	--

SIDOROV, G. I.

2011	UROVA, L. N. / POLYAKOV, A. A. / KLENOV, G. I. / MOROSOV, I. G. / INYUTIN, E. I. / SIDOROV, G. I.	AECL-2330, 233-250	64-00-00	A STUDY OF THE PHYSICAL CHARACTERISTICS OF HYDROGEN-CONTAINING REACTORS IN THE CRITICAL REGION
------	--	--------------------	----------	--

SIEP, I.

1794	KIEFHABER, E. / KUESTERS, H. / SCHMIDT, J. J. / BACHMANN, H. / KRIEG, B. / STEIN, E. / THIEM, D. / WAGNER, K. / HINKELMANN, B. / SIEP, I.	CONF-690634, 094-100	69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.
------	--	----------------------	----------	---

SIMMONS, B. E.

56	BENGSTON, J. / CAROTHERS, J. E. / KLOVERSTROM, F. A. / KOMOTO, T. T. / PASSELL, L. / SIMMONS, B. E. / BOHL, L. S. / LUCKOW, W. K. / CHURCHILL, S. W. / BRUNSON, G. S. / KAUFMANN, S. G. / MC MAHON, J. P.	UCRL-5159	58-03-25	PROMPT NEUTRON DECAY CONSTANTS OF MULTIPLYING SYSTEMS
----	--	-----------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

SIMON, G. G.

1631	MENEGHETTI, D. / KEENEY, W. P. / VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	TANSO, 14, 020-021	71-06-00	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.
------	---	--------------------	----------	---

SIMONS, G. G.

1862	STEVENSON, J. M. / GASIDLO, J. M. / ROGERS, V. C. / SIMONS, G. G. / VOSBURGH, R. O.	ANL-7695	70-04-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.
------	---	----------	----------	--

SIMS, F. L.

1215	SIMS, F. L. / KUNZE, J. F. / WALSH, W. P. / HENDERSON, W. B.	TANSO, 09, 488-489	66-10-00	FAST-SPECTRUM REFRACTORY-METAL CRITICAL-EXPERIMENT MEASUREMENTS
------	--	--------------------	----------	---

SKEEN, C. H.

2040	SKEEN, C. H. / BROWN, W. W.	TANSO, 02, 2, 080-084	59-11-00	A THORIUM-URANIUM EXPONENTIAL EXPERIMENT
------	-----------------------------	-----------------------	----------	--

SKEEN, D. R.

367	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / BIERMAN, S. R. / GARLID, K. L. / SKEEN, D. R.	HW-79054	63-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
827	LLOYD, R. C. / SKEEN, D. R. / CLAYTON, E. D.	HW-83187, 10-20	64-07-15	CRITICALITY OF PLUTONIUM NITRATE SOLUTIONS IN SPHERICAL GEOMETRY
747	SKEEN, D. R.	BNWL-0149, 48-56	65-07-15	FOIL ACTIVATION STUDIES IN TWO PLUTONIUM CRITICAL SYSTEMS
840	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	TANSO, 08, 444-445	65-11-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS
525	LLOYD, R. C. / RICHEY, C. R. / CLAYTON, E. D. / SKEEN, D. R.	NSENAO, 25, 165-173	66-06-00	CRITICALITY STUDIES WITH PLUTONIUM SOLUTIONS

SKOLNIK W.

1995	BACH, D. R. / BISTLINE, J. A. / BUNCH, S. I. / CERBONE, R. J. / FEINER, F. / SKOLNIK W. / WEINSTEIN, S.	IAEA-AMST.-1963, 2, 391-445	63-09-00	COMPARISON OF KNOLLS ATOMIC POWER LABORATORY CLEAN CRITICAL AND SUBCRITICAL EXPERIMENTS WITH CALCULATIONS
------	---	-----------------------------	----------	---

SLOTIN, S. L.

1451	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL
------	---	---------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SLOTIN, S. L. (CONTD.)

157	FELD, B. T. / SLOTIN, S. L.	LA-0272	45-05-14	CRITICAL MASS OF A WATER TAMPED PLUTONIUM-239 SOLUTION
-----	-----------------------------	---------	----------	--

SMALL, V. G.

345	TATTERSALL, R. B. / SMALL, V. G. / MACBEAN, I. J. / HOWE, W. D.	AEW-R376	64-00-00	REACTIVITY CHANGE MEASUREMENTS ON PLUTONIUM-URANIUM FUEL ELEMENTS IN HECTOR EXPERIMENTAL TECHNIQUES AND RESULTS
-----	---	----------	----------	---

SMIRNOV, O. N.

693	PONOMAREV-STEPNOI, N. N. / SMIRNOV, O. N. / KULEVA, R. V.	GENEVA-3, 03, 241-247	64-09-00	INVESTIGATION ON SYSTEM WITH ZIRCONIUM HYDRIDE MODERATOR
-----	---	-----------------------	----------	--

SMITH, A. B.

1954	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342-346	55-08-00	THE FAST EXPONENTIAL EXPERIMENTS
------	--	-----------------------	----------	----------------------------------

SMITH, D. F.

189	SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F.	RFP-0066	56-08-06	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSSED IN SOLUTIONS. PART-1
190	SCHUSKE, C. L. / ARTHUR, M. G. / SMITH, D. F.	RFP-0069	56-10-25	NEUTRON MULTIPLICATION MEASUREMENTS ON ORALLOY SLABS IMMERSSED IN SOLUTION. PART-2
1113	SCHUSKE, C. L. / ARTHUR, M. G. / GOODWIN, A. / NICKEL, A. N. / SMITH, D. F.	RFP-0089	57-11-27	SUBCRITICAL MEASUREMENTS ON PARALLELEPIPEDS CONTAINING URANIUM-235 AND SALT EUTECTIC
181	SCHUSKE, C. L. / GOODWIN, A. / BIDINGER, G. H. / SMITH, D. F.	RFP-0174	59-12-28	INTERACTION OF TWO METAL SLABS OF PLUTONIUM IN PLEXIGLASS
170	SCHUSKE, C. L. / BIDINGER, G. H. / GOODWIN, A. / SMITH, D. F.	RFP-0178	60-01-20	PLUTONIUM PLEXIGLAS ASSEMBLIES
194	BIDINGER, G. H. / SCHUSKE, C. L. / SMITH, D. F.	RFP-0201	60-07-07	NUCLEAR SAFETY EXPERIMENTS ON PLUTONIUM AND ENRICHED URANIUM HYDROGEN MODERATED ASSEMBLIES CONTAINING BORON
171	BIDINGER, G. H. / SCHUSKE, C. L. / SMITH, D. F.	RFP-0190	60-07-27	PLUTONIUM PLEXIGLAS ASSEMBLIES PART-2
182	SCHUSKE, C. L. / SMITH, D. F. / BELL, C. L.	RFP-0213	61-01-10	PLEXIGLAS-REFLECTED ASSEMBLIES OF PLUTONIUM
109	SCHUSKE, C. L. / BELL, C. L. / BIDINGER, G. H. / SMITH, D. F.	RFP-0248	62-01-10	INDUSTRIAL CRITICALITY MEASUREMENTS ON ENRICHED URANIUM AND PLUTONIUM

SMITH, D. R.

836	MC CRELESS, T. G. / SMITH, D. R. / JARVIS, G. A. / DUFFEY, D.	TANSAO, 08, 441	65-11-00	NEUTRONIC ISOLATION CHARACTERISTICS OF CONCRETE, LEAD, WOOD POLYETHYLENE AND BERYLLIUM
-----	---	-----------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SMITH, D. R. (CONTD.)

2016	GEER, W. U. / SMITH, D. R.	TANSAO, 11, 378	68-06-00	MEASUREMENT OF THE CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE
1959	SMITH, D. R. / GEER, W. U.	NUAPA, 07, 405-408	69-11-00	CRITICAL MASS OF A WATER-REFLECTED PLUTONIUM SPHERE
2086	BYERS, C. C. / KOELLING, J. J. / HANSEN, G. E. / SMITH, D. R. / DYER, H. R.	TANSAO, 27, 412-413	77-11-00	CRITICAL MEASUREMENTS OF A WATER-REFLECTED ENRICHED URANIUM SPHERE

SMITH, J. C.

639	SMITH, J. C. / PARKER, A. V. / WALFORD, J. G. / WHITE, C.	DEG MEMO.-633 (D)	60-03-00	CRITICALITY OF 30 PERCENT ENRICHED URANIUM SOLUTIONS IN CYLINDRICAL GEOMETRY. INTERIM REPORT
94	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	TRG REPORT 1384(D)	66-10-00	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREY FAST REACTOR
954	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	ANL-7320, 590-604	66-10-10	THEORETICAL AND EXPERIMENTAL ANALYSIS OF REACTION RATE DISTRIBUTION IN THE DOUNREY FAST REACTOR
1364	SMITH, J. C. / ATKINSON, H. / MC TAGGART, M. H.	TRG REPORT 1539	69-06-13	VERA CORE 18: AN ASSEMBLY BUILT TO TEST CALCULATION METHODS AND DATA FOR D.F.R.

SMITH, K. R. E.

2098	DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1788	55-10-00	EXPONENTIAL EXPERIMENTS WITH ENRICHED URANIUM--NATURAL WATER SYSTEMS
2099	CROCKER, V. S. / DAVEY, W. G. / SMITH, K. R. E.	AERE-RP/R-1810	57-07-00	APPROACH TO CRITICAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM IN NATURAL WATER

SMITH, M. F.

185	CLARKE, W. G. / HORTON, C. C. / SMITH, M. F.	AERE-R/R-2051	56-09-20	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTIONS.. PART 1: EXPERIMENTAL TECHNIQUES AND RESULTS
66	HARRISON, J. R. / SMITH, M. F. / CLARKE, W. G. / MILLS, A. M. / DYSON, J. A.	AERE-R/R-2703	58-11-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE (H.A.Z.E.L.) - PART-2, PHYSICS
790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

SMITH, R. B.

238	LLOYD, R. C. / SMITH, R. B.	HW-57861	58-10-20	CRITICALITY MEASUREMENTS ON HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS
239	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-59126	59-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEMS
881	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	HW-60220, 47-51	59-04-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

SMITH, R. B. (CONTD.)

2035	LLOYD, R. C. / SMITH, R. B. / CLAYTON, E. D.	TANSAO, 01, 2, 062-063	59-06-00	NEUTRON MULTIPLICATION MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
1126	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-61181, 52-58	59-07-00	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM-WATER SYSTEMS
240	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-62727	59-10-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM - WATER SYSTEM
187	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B. / NEELEY, V. I.	HW-63576, 65-69	60-01-20	CRITICALITY MEASUREMENTS OF HETEROGENEOUS 3.1 PERCENT ENRICHED URANIUM AND WATER SYSTEMS
2015	LLOYD, R. C. / CLAYTON, E. D. / SMITH, R. B.	HW-64866, 143-147	60-04-20	CRITICAL APPROACH AND EXPONENTIAL MEASUREMENTS WITH 3.1% ENRICHED URANIUM RODS IN LIGHT WATER

SMITH, R. D.

623	BAKER, A. R. / SMITH, R. D.	AERE-R/R-2444	59-00-00	ZEUS FINAL REPORT
-----	-----------------------------	---------------	----------	-------------------

SMITH, R. I.

1804	DAVIS, E. C. / SMITH, R. I. / WILLIAMS, L. D.	BNWL-1481	70-06-00	CRITICAL EXPERIMENTS IN AN MTR MOCKUP USING PHOENIX FUEL.
1936	SMITH, R. I. / KONZEK, G. J.	PB-255728	76-04-00	CLEAN CRITICAL EXPERIMENT BENCHMARKS FOR PLUTONIUM RECYCLE IN LWR'S. VOLUME I. FINAL REPORT

SMOTREL, J. R.

1523	SMOTREL, J. R.	TANSAO, 17, 266-267	73-11-00	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG PAIRS CONTAINING 1.1 WT% ENRICHED URANIUM
1694	SMOTREL, J. R.	DP-MS-73-41	73-11-00	LIGHT-WATER-MODERATED REACTIVITY OF TUBULAR SLUG PAIRS CONTAINING 1.1 WT% URANIUM-235

SNELL, A. H.

1450	SNELL, A. H. / BROLLEY, J. E. / LEVINGER, J. S. / WILKINSON, R.	CF-0589	43-04-17	STUDIES IN A FIVE TON METAL PILE
1985	SNELL, A. H.	MONP-048	46-01-22	CRITICAL EXPERIMENTS OF FLUORINATED AND HYDROGENATED MIXTURES CONTAINING ENRICHED URANIUM
995	SNELL, A. H.	MONP-454	47-12-15	CRITICALITY STUDIES ON ENRICHED URANIUM -- HEAVY WATER SYSTEMS

SNIDOW, N. L.

1001	SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M.	BAW-1191	60-05-00	THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT
2007	SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / ENGELDER, T. C.	TANSAO, 04, 305	61-11-00	CRITICAL EXPERIMENTS ON 4% ENRICHED URANIUM DIOXIDE LATTICES MODERATED BY HEAVY-WATER - WATER MIXTURES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

SNIDOW, N. L. (CONTD.)

700	ENGELDER, T. C. / SNIDOW, N. L. / CLARK, R. H. / BARKSDALE, C. E. / LEWIS, R. H. / BALDWIN, M. N.	BAW-1231	61-12-00	SPECTRAL SHIFT CONTROL REACTOR BASIC PHYSICS PROGRAM CRITICAL EXPERIMENTS ON LATTICES MODERATED BY HEAVY WATER-WATER MIXTURES
347	ENGELDER, T. C. / SNIDOW, N. L. / ROBERTS, D. M. / FAIRBURN, G. T. / ROY, D. H.	BAW-1283	63-00-00	MEASUREMENTS OF K(INF) AND OTHER PARAMETERS IN THE SMALL LATTICE EXPERIMENTS TECHNIQUE
1889	FAIRBURN, G. T. / PETTUS, W. G. / SNIDOW, N. L.	BAW-1357	70-08-00	PLUTONIUM LATTICE EXPERIMENT IN UNIFORM LATTICE OF URANIUM-DIOXIDE/1.5%-PLUTONIUM-DIOXIDE FUEL

SNYDER, T. M.

1951	SNYDER, T. M.	GENEVA-1, 05, 162-171	55-08-00	THE CRITICAL ASSEMBLY--A NUCLEAR DESIGN TOOL

SOLLIER, G.

281	BRETON, D. / LECORCHE, P. / CLOUET D'ORVAL, C. / CAIZERGUES, R. / MOREAU, J. / SOLLIER, G.	CEA-R-2653	64-00-00	CRITICALITY STUDIES

SPANO, A. H.

2037	SPANO, A. H. / METCALF, D. R.	TANSAO, 02, 2, 041-042	59-11-00	EXPERIMENTAL AND THEORETICAL REACTIVITY STUDIES OF STAINLESS STEEL FUEL ELEMENTS

SPECHT, E. R.

721	SPECHT, E. R.	NAA-SR-9772	64-08-01	MATERIAL BUCKLINGS OF CRITICAL AND SUBCRITICAL URANIUM CARBIDE FUELED GRAPHITE ASSEMBLIES PART-2 THEORETICAL INTERPRETATION
912	FILLMORE, F. L. / SPECHT, E. R. / VERNON, A. R. / OTTEWITTE, E. H.	ANL-7320, 080-087	66-10-10	THE EVALUATION OF BASIC CROSS-SECTION DATA BY ANALYSIS OF FAST CRITICAL ASSEMBLIES

SPENCER, R. M.

1976	SPENCER, R. M.	ORNL-1770	54-11-22	PRELIMINARY CRITICAL ASSEMBLIES OF THE REFLECTOR MODERATOR REACTOR

SPERLING, M.

1365	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OULTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

SPINRAD, B. I.

1954	BEYER, F. C. / BRYAN, R. H. / HUMMEL, H. H. / LENNOX, D. H. / MARTENS, F. H. / REARDON, W. A. / ROSENZWEIG, N. / SMITH, A. B. / SPINRAD, B. I.	GENEVA-1, 05, 342-346	55-08-00	THE FAST EXPONENTIAL EXPERIMENTS

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

**SPINRAD, B. I. (CONTD.)
SPRINGER, T. H.**

475	SPRINGER, T. H. / TUTTLE, R. J. / OTTER, J. M. / PASCHALL, R. K.	AI-AEC-12705	69-00-00	DOPPLER AND RELATED MEASUREMENTS IN A SOFT FAST-REACTOR SPECTRUM
1375	SPRINGER, T. H. / TUTTLE, R. J. / MOUNTFORD, L. A.	A1-AEC-12884	69-11-15	QUARTERLY TECHNICAL PROGRESS REPORT LMFBR PHYSICS PROGRAMS JULY-SEPTEMBER 1969

SRIKANTIAH, G.

2005	SRIKANTIAH, G.	TANSAO, 04, 303-304	61-11-00	ANALYSIS OF A BERYLLIUM MODERATED CRITICAL EXPERIMENT
------	----------------	---------------------	----------	--

STACEY, W. M.

560	STACEY, W. M.	NSENAO, 28, 443-449	67-06-00	FAST-REACTOR CALCULATIONAL MODELS
1877	RYDIN, R. A. / BURKE, J. / FEINER, F. / SEEMANN, K. W. / STACEY, W. M.	KAPL-P-3847	69-00-00	STATIC MEASUREMENTS PREPARATORY TO SPACE- TIME KINETICS EXPERIMENTS IN THE SHA.

STANFORD, G. S.

1474	PLUMLEE, K. E. / BAIRD, Q. L. / STANFORD, G. S. / AMUNDSON, P. I.	TANSAO, 06, 217	63-11-00	CRITICAL EXPERIMENTS WITH BORAX-V SUPERHEATER ELEMENTS
821	BOYNTON, A. R. / PLUMLEE, K. E. / REDMAN, W. C. / ROBINSON, W. R. / STANFORD, G. S.	ANL-7110, 082-084	65-12-00	HIGH CONVERSION (HI-C) CRITICAL EXPERIMENT
1875	PLUMLEE, K. E. / DAUGHTRY, J. W. / JOHNSON, T. W. / ROBINSON, W. R. / SCHULTZ, R. A. / STANFORD, G. S.	ANL-7483	69-02-00	ARGONNE ADVANCED RESEARCH REACTOR CRITICAL EXPERIMENTS.
1632	KARAM, R. A. / STANFORD, G. S. / ROBINSON, R.	TANSAO, 14, 021-022	71-06-00	ANISOTROPIC EFFECTS IN A 4000-LITER URANIUM DIOXIDE FAST CORE, ZPR-6 ASSEMBLY 6A.
1629	LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATORES, M. / STANFORD, G. S.	TANSAO, 14, 018-019	71-06-00	LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.

STAUB, A.

502	STAUB, A. / HARRIS, D. R. / GOLDSMITH, M.	NSENAO, 34, 263-274	68-12-00	ANALYSIS OF A SET OF CRITICAL HOMOGENEOUS URANIUM-WATER SPHERES
-----	--	---------------------	----------	--

STEGEMANN, D.

917	BARLEON, L. / BAYER, A. / BRUCKNER, C. / BURKART, K. / FIEG, G. / KUHN, D. / KUSSMAUL, G. / MEISTER, H. / SEUFERT, H. / STEGEMANN, D. / WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK
1180	BORGWALDT, H. / EDELMANN, M. / HABERMANN, F. W. A. / KUBMAUL, G. / MEISTER, H. / SEIFRITZ, W. / STEGEMANN, D.	KFK-899	68-12-00	EXPERIENCE OBTAINED AT KARLSRUHE WITH DIFFERENT KINETIC METHODS OF REACTIVITY DETERMINATION

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

STEIN, E.

1794	KIEFHABER, E. / KUESTERS, H. / SCHMIDT, J. J. / BACHMANN, H. / KRIEG, B. / STEIN, E. / THIEM, D. / WAGNER, K. / HINKELMANN, B. / SIEP, I.	CONF-690634, 094-100	69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.

STEIN, S.

1086	KOUTS, H. / SHER, R. / BROWN, J. R. / KLEIN, D. / STEIN, S. / HELLENS, R. L. / ARNOLD, H.	GENEVA-2, 12, 446-482	58-09-00	PHYSICS OF SLIGHTLY ENRICHED, NORMAL WATER LATTICES (THEORY AND EXPERIMENT).

STEINKE, R. G.

581	CHEZEM, C. G. / STEINKE, R. G.	NSENAO, 31, 549-550	68-03-00	LOW-ENRICHMENT URANIUM-METAL EXPONENTIAL EXPERIMENTS
378	STEINKE, R. G.	LA-3934	68-10-24	NEUTRON FLUX MEASUREMENTS IN URANIUM METAL EXPONENTIAL COLUMNS OF 6.53 PERCENT AND 9.12 PERCENT URANIUM-235

STEKLOVSKIE, V. M.

437	LYEPOONSKI, A. I. / KOENYETSOB, V. A. / ARTUKHOB, G. YA. / MOGILNYER, A. I. / PROKHOROV, U. A. / STEKLOVSKIE, V. M. / CHYENOV, L. A.	IAEA-VIENNA-1961, 327-343	61-08-00	EXPERIMENTAL STUDIES OF SOME OF THE PHYSICAL FEATURES OF BERYLLIUM-MODERATED INTERMEDIATE REACTORS.

STENSTROM, D. G.

1631	MENEGHETTI, D. / KEENEY, W. P. / VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	TANSAO, 14, 020-021	71-06-00	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.

STERN, M. E.

1369	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-12	69-06-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT JANUARY - MARCH 1969
1368	PETTUS, W. G. / BALDWIN, M. N. / FAIRBURN, G. T. / STERN, M. E.	BAW-3647-14	69-09-00	PHYSICS VERIFICATION PROGRAM PART-3 QUARTERLY TECHNICAL REPORT APRIL - JUNE 1969
1905	BALDWIN, M. N. / STERN, M. E.	BAW-3647-17	70-06-00	PHYSICS VERIFICATION PROGRAM. PART-3, TASK 4. QUARTERLY TECHNICAL REPORT, JANUARY-MARCH 1970.

STERNBERG, H. I.

757	ORR, W. L. / STERNBERG, H. I. / DEROMIX, P.	TANSAO, 08, 439-440	65-11-00	A COMPARISON OF ANALYSIS WITH EXPERIMENT FOR THE SAXTON PLUTONIUM CRITICAL EXPERIMENTS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

STEVENS, L.

127	STEVENS, L. / GOURDON, J.	CEA-R-3354	67-10-00	CRITICAL MASS, ROD WORTH VALUES, AND REACTIVITY COEFFICIENTS FOR RAPSODIE
-----	---------------------------	------------	----------	--

STEVENSON, J. M.

744	BROOMFIELD, A. M. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEEW-R410	65-00-00	THE SECOND CORE OF ZEBRA
763	ADAMSON, J. / ABSALOM, R. M. / ARNOLD, M. J. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / PATTENDEN, S. K. / PATTERSON, C. R. / STEVENSON, J. M.	AEEW-R461	65-10-00	THE THIRD CORE OF ZEBRA
790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION
922	ADAMSON, J. / ABSALOM, R. M. / BAKER, A. R. / INGRAM, G. / PATTENDEN, S. K. / STEVENSON, J. M.	ANL-7320, 216-230	66-10-10	ZEBRA 6: A DILUTE PLUTONIUM-FUELED ASSEMBLY
1862	STEVENSON, J. M. / GASIDLO, J. M. / ROGERS, V. C. / SIMONS, G. G. / VOSBURGH, R. O.	ANL-7695	70-04-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.
1906	HESS, A. L. / PALMER, R. G. / STEVENSON, J. M.	TANSAO, 13, 288-289	70-06-00	POSTANALYTICAL STUDY OF EIGHT ZPR-3 BENCHMARK CRITICALS USING ENDF/B DATA.

STEWART, C. B.

186	NEUER, J. J. / STEWART, C. B.	LA-2023	56-10-31	PRELIMINARY SURVEY OF URANIUM METAL EXPONENTIAL COLUMNS
-----	----------------------------------	---------	----------	--

STEWART, H. B.

244	STEWART, H. B. / GAVIN, G. B.	KAPL-329, PART 1.	50-09-20	ACTIVATION EXPERIMENTS IN THE KAPL PRELIMINARY PILE ASSEMBLIES
1946	STEWART, H. B. / HOFMANN, P. L. / STORM, M. L. /	GENEVA-2, 12, 142- 150	58-09-00	PHYSICS CONSIDERATIONS IN THE DESIGN OF INTERMEDIATE ENERGY SPECTRUM REACTORS
1992	BARDES, R. G. / BROWN, J. R. / DRAKE, M. K. / FISCHER, P. U. / POUND, D. C. / SAMPSON, J. B. / STEWART, H. B.	IAEA-AMST.-1963, 3, 035-061	63-09-00	HIGH-TEMPERATURE, GAS-COOLED REACTOR CRITICAL EXPERIMENT AND ITS APPLICATION

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
- AUTHOR CONCORDANCE**

STEWART, K. B.

1918	LITTLE, W. W. / KIDMAN, R. B. / SCHENTER, R. E. / O'DELL, L. D. / HARDIE, R. W. / STEWART, K. B.	TANSAO, 13, 304	70-06-00	ANALYSIS OF CRITICAL EXPERIMENTS USING VERSION II OF THE EVALUATED NUCLEAR DATA FILE (ENDF/B).
------	---	-----------------	----------	--

STEWART, L.

406	STEWART, L.	NSENAO, 08, 595-597	60-12-00	LEAKAGE NEUTRON SPECTRUM FROM A BARE PLUTONIUM-239 CRITICAL ASSEMBLY
-----	-------------	---------------------	----------	---

STEWART, R. B.

1451	BROLLEY, J. E. / BYERLEY, F. J. / FELD, B. T. / OLDS, A. E. / SCHALETTAR, R. / SLOTIN, S. L. / STEWART, R. B.	CF-1627	44-04-01	NEUTRON MULTIPLICATION IN A MASS OF URANIUM METAL
------	---	---------	----------	--

STEWART, S. L.

522	LONG, J. K. / MC VEAN, R. L. / REYNOLDS, A. B. / STEWART, S. L. / WEITZBERG, A. / LERIDON, A. M.	NSENAO, 25, 442-444	66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3
952	REYNOLDS, A. B. / STEWART, S. L.	ANL-7320, 569-585	66-10-10	APPLICATION OF THE SEFOR CRITICAL EXPERIMENTS AT ZPR-3 TO SEFOR
1704	STEWART, S. L. / HARTMAN, A. K. / CRICK, S. C.	GEAP-14001	74-04-00	EVALUATION AND ANALYSIS OF ZPPR ASSEMBLY 3 CRITICAL EXPERIMENTS

STIEVENART, M.

820	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAE-1882	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES
2052	DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D.	EURAE-1882(ANNEX)	67-00-00	RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES

STINSON, W. P.

735	SCHMID, L. C. / STINSON, W. P. / LIIKALA, R. C. / WORDEN, J. R.	HW-81659, 04-09	64-04-15	EXPERIMENTS WITH PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUEL ELEMENTS IN LIGHT WATER
798	LIIKALA, R. C. / STINSON, W. P. / WORDEN, J. R.	TANSAO, 07, 216	64-11-00	CRITICAL MASSES AND BUCKLINGS OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER SYSTEMS
891	LIIKALA, R. C. / STINSON, W. P.	TANSAO, 09, 127-128	66-06-00	EXPERIMENTAL AND ANALYTICAL RESULTS FOR PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES
1962	UOTINEN, V. O. / LAUBY, J. H. / STINSON, W. P. / DWIVEDI, S. R.	NSENAO, 44, 66-71	71-04-00	REACTOR KINETIC PARAMETERS OF LATTICES OF PLUTONIUM AND URANIUM IN WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

STINSON, W. P. (CONTD.)

1960 UOTINEN, V. O. / LAUBY, J. H. / SCHMID, L. C. / STINSON, W. P. NUTYBB, 15, 257-271 72-08-00 LATTICES OF PLUTONIUM-ENRICHED RODS IN LIGHT WATER--PART 1: EXPERIMENTAL RESULTS

STONE, S. P.

20 STONE, S. P. / LINGENFELTER, R. E. UCRL-5913 60-03-00 NEUTRON DIFFUSION THEORY PROGRAMS AND THEIR APPLICATION TO SIMPLE CRITICAL SYSTEMS

STORM, M. L.

1133 HOFMANN, P. L. / STORM, M. L. NSENAO, 03, 313-338 58-03-00 TWO-DIMENSIONAL (R,Z) MULTIGROUP CALCULATION FOR AN INTERMEDIATE SPECTRUM CRITICAL ASSEMBLY
1946 STEWART, H. B. / HOFMANN, P. L. / STORM, M. L. / GENEVA-2, 12, 142-150 58-09-00 PHYSICS CONSIDERATIONS IN THE DESIGN OF INTERMEDIATE ENERGY SPECTRUM REACTORS

STOVER, R. L.

833 RUSCH, G. K. / BOHME, E. R. / DATES, L. R. / GRIFONI, S. / KATO, W. Y. / MAIN, G. W. / MEISTER, H. / NOZAWA, M. / STOVER, R. L. ANL-7010, 091-110 65-01-00 INVESTIGATIONS OF A 600 LITRE URANIUM CARBIDE CORE (ZPR-6 ASSEMBLY NO. 2)
830 LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A. WCAP-3726-1 67-07-00 PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS

STRATTON, W. R.

1177 STRATTON, W. R. LA-DC-8386 66-00-00 CORRELATIONS OF EXPERIMENTS AND CALCULATIONS
14 STRATTON, W. R. LA-3612 67-09-22 CRITICALITY DATA AND FACTORS AFFECTING CRITICALITY OF SINGLE HOMOGENEOUS UNITS

STRAWBRIDGE, L. E.

515 STRAWBRIDGE, L. E. / BARRY, R. F. NSENAO, 23, 058-073 65-09-00 CRITICALITY CALCULATIONS FOR UNIFORM WATER-MODERATED LATTICES

STROMINGER, D.

429 STROMINGER, D. / SCHLESINGER, G. NSENAO, 21, 441-450 65-04-00 FISSION-RATE MEASUREMENTS IN THE ADVANCED EPITHERMAL THORIUM REACTOR (AETR) CRITICAL EXPERIMENTS

SUMITA, K.

1491 INOUE, K. / KATO, W. Y. / SUMITA, K. / IIZUMI, M. / NISHIMURA, K. / KANEKO, Y. / KOBAYASHI, S. / ET AL TANSO, 04, 056-057 61-06-00 THE JAPAN ATOMIC ENERGY RESEARCH INSTITUTE SEMIHOMOGENEOUS CRITICAL ASSEMBLY

SVIRIDENKO, V. J.

692 DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. GENEVA-3, 13, 254-263 64-09-00 THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

SVIRIDENKO, V. J. (CONTD.)

POPOV, G. A. /
SVIRIDENKO, V. J.

SWANSON C. D.

1963 KATO, W. Y. / ARMANI, R. NSENAO, 45, 37-46 71-07-00 AN INTEGRAL MEASUREMENT OF PLUTONIUM-239
J. / LARSEN, R. P. / AND URANIUM-233 ALPHA
MORELAND, P. E. /
MOUNTFORD, L. A. /
GASIDLO, J. M. / POPEK,
R. J. / SWANSON C. D.

SWANSON, C. S.

1633 DAUGHTRY, J. W. / POND, TANSO, 14, 024-025 71-06-00 FTR-3 CRITICAL ASSEMBLY AND EXPERIMENTAL
R. B. / FLEISCHMAN, R. M. PROGRAM.
/ SWANSON, C. S. /
RUSCH, G. K. / KIER, P.
H.

SYMONS, C. R.

673 CARTER, D. H. / CLARKE, AEEW-R201 64-00-00 MEASUREMENTS OF BUCKLING AND RELATIVE
W. G. / HUNT, C. / REACTION RATES IN SOME PLUTONIUM-GRAPHITE
MARSHALL, J. / MC ASSEMBLIES.
CULLOCH, D. B. / SANDERS,
J. E. / SYMONS, C. R.

T

TACHON, J.

291 BERTRAND, J. / BONNAURE, GENEVA-2, 12, 539- 58-09-00 PROSERPINE, A HOMOGENEOUS CRITICAL
P. / CLOUET D'ORVAL, C. 562 EXPERIMENT WITH PLUTONIUM
/ CORPEL, J. / GIROUSSE,
A. / LACOGSTRY, B. /
PREVOST, I. / SALESSE, H.
/ TACHON, J. / VENDRYES,
C.
722 TACHON, J. CEA-1547 60-00-00 NEUTRONIC STUDY OF A PLUTONIUM REACTOR.
PROSERPINE - CORRELATIONS BETWEEN NEUTRONS
IN A CHAIN REACTION

TADA, HIROMITSU

1754 MATSUBARA, TAKEO/ NIPPON GENSIRYOKU 69-04-00 MEASUREMENTS OF LATTICE PARAMETERS WITH A
MUKOYAMA, TAKESHI/ TADA, GAKKAISHI, 11, 600- SINGLE FUEL ASSEMBLY IN ORGANIC COOLANT
HIROMITSU/ TSUJI, YOSHIO. 605 MATERIAL.

TAKAHASHI, H.

1965 PHELPS, J. / WINDSOR, H. NSENAO, 49, 274-300 72-11-00 CRITICAL EXPERIMENTS FOR THE BROOKHAVEN
/ TAKAHASHI, H. / CONANT, PULSED FAST REACTOR STUDY
J. / CHANDRAMOLESHWAR,
K.

TAKEDA, E.

1730 MITAKE, S. / WATARUMI, C. BULL. TOKYO INST. 70-03-00 EXPERIMENTAL STUDIES ON 20 PERCENT ENRICHED
/ MIYAWAKI, Y. / TAKEDA, TECH. 96, 1-21 URANIUM-LIGHT WATER ASSEMBLY. 3. CRITICAL
E. BUCKLING MEASUREMENTS.

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

TANGUY, P.

- 2082 KOECHLIN, J. C. / TANGUY, P. / ZALESKI, C. P. BNL-0489, 097-126 57-11-12 FRENCH RESULTS ON THE NATURAL URANIUM-GRAPHITE LATTICES

TANNER, C. J.

- 44 TANNER, C. J. / ANDREWS, D. G. TANSO, 11, 252-253 68-06-00 BUCKLING MEASUREMENTS IN A HEAVY WATER SUPERLATTICE

TAS, A.

- 1994 COEHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F. IAEA-AMST.-1963, 2, 233-256 63-09-00 THE CRITICAL FACILITY KRITO

TATTERSALL, R. B.

- 345 TATTERSALL, R. B. / SMALL, V. G. / MACBEAN, I. J. / HOWE, W. D. AEEW-R376 64-00-00 REACTIVITY CHANGE MEASUREMENTS ON PLUTONIUM-URANIUM FUEL ELEMENTS IN HECTOR EXPERIMENTAL TECHNIQUES AND RESULTS

TAYLOR, E. G.

- 830 LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A. WCAP-3726-1 67-07-00 PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS

TELLIER, H.

- 285 BRUNA, J. G. / BRUNET, J. P. / CAIZERGUES, R. / CLOUET D'ORVAL, C. / KREMSER, J. / TELLIER, H. / VERRIERE, P. CEA-R-2814 65-00-00 ALECTO - EXPERIMENTAL RESULTS WITH HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-239, URANIUM-235, AND URANIUM-233.

TESTE DU BAILLER, A.

- 1950 BACHER, P. / KOECHLIN, J. C. / DE MAZANCOURT, R. / TESTE DU BAILLER, A. / ZALESKI, C. P. GENEVA-2, 12, 666-684 58-09-00 NATURAL URANIUM-GRAPHITE LATTICES

THALGOTT, F. W.

- 267 CERUTTI, B. C. / LICHTENBERGER, H. V. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W. NSENAO, 01, 126-134 56-05-00 ZPR-3, ARGONNE'S FAST CRITICAL FACILITY
- 354 LONG, J. K. / LOEWENSTEIN, W. G. / GRANYAN, C. E. / GRUNSON, G. S. / KIRN, F. S. / OKRENT, D. / RICE, R. E. / THALGOTT, F. W. GENEVA-2, 12, 119-141 58-09-00 FAST NEUTRON POWER REACTOR STUDIES WITH THE ZPR-3
- 398 LONG, J. K. / BAKER, A. R. / GEMMELL, W. / KEENEY, W. P. / MC VEAN, R. L. / THALGOTT, F. W. IAEA-VIENNA-1961, 271-285 61-08-00 EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS WITH METALLIC AND CERAMIC FUELS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

THALGOTT, F. W. (CONTD.)

1003	THALGOTT, F. W./ LONG, J. K./ DAVEY, W. G./ KATO, W. Y./ CARPENTER, S. G./ MOREWITZ, H. A./ BEST, G. H.	GENEVA-3, 06, 124-136	64-09-00	FAST CRITICAL EXPERIMENTS AND THEIR ANALYSIS
------	---	-----------------------	----------	--

THIE, J. A.

464	REDMAN, W. C./ THIE, J. A.	GENEVA-2, 12, 402-413	58-09-00	PROPERTIES OF EXPONENTIAL AND CRITICAL SYSTEMS OF THORIA-URANIA AND HEAVY WATER AND APPLICATION TO REACTOR DESIGN
-----	----------------------------	-----------------------	----------	---

THIELE, A. W.

849	DAVIS, M. V./ THIELE, A. W.	TANSAO, 03, 104-105	60-06-00	AN ENRICHED URANIUM DIOXIDE - ZIRCONIUM DIHYDRIDE CRITICAL ASSEMBLY
-----	-----------------------------	---------------------	----------	---

THIEM, D.

1179	KUSTERS, H./ SCHMIDT, J. J./ BROEDERS, C. H. M./ EISEMANN, E./ METZENROTH, M./ SCHROETER, K. E./ THIEM, D.	KFK-793	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE
1409	EISEMANN, E./ KUESTERS, H./ METZENROTH, M./ SCHMIDT, J. J./ SCHROETER, K. E./ THIEM, D.	TANSAO, 11, 601-602	68-11-00	ANALYSIS OF FAST CRITICAL ASSEMBLIES AND LARGE FAST POWER REACTORS WITH GROUP-CONSTANT SETS RECENTLY EVALUATED AT KARLSRUHE
1794	KIEFHABER, E./ KUESTERS, H./ SCHMIDT, J. J./ BACHMANN, H./ KRIEG, B./ STEIN, E./ THIEM, D./ WAGNER, K./ HINKELMANN, B./ SIEP, I.	CONF-690634, 094-100	69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.

THOMAS, A. F.

1443	THOMAS, A. F.	SNA/NM/A/14/61	61-10-03	INTERIM NOTE ON CRITICAL THICKNESS MEASUREMENTS WITH 45% ENRICHMENT URANIUM SLABS
1445	THOMAS, A. F.	SNA/NM/A/13/61	61-10-03	INTERIM NOTE ON CRITICAL MASS MEASUREMENTS WITH 30% ENRICHED URANIUM/HYDROGEN MIXTURES AT LOW HYDROGEN/URANIUM RATIOS
229	DOMINEY, J. R./ LANE, R. C./ THOMAS, A. F.	AWRE-NR/A-1/62	62-03-00	CRITICAL MASS MEASUREMENTS WITH THIN DISCS OF 45.5 PERCENT ENRICHED URANIUM
1446	LANE, R. C./ THOMAS, A. F.	CRIT/OP/3	63-10-09	MEASUREMENT OF THE CRITICAL MASS OF 37.5% ENRICHED URANIUM REFLECTED BY WOOD, CONCRETE, OR POLYTHENE

THOMAS, J. T.

363	THOMAS, J. T./ FOX, J. K./ CALLIHAN, A. D.	ORNL-1992	55-00-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235
325	CALLIHAN, A. D./ MORFITT, J. W./ THOMAS, J. T.	GENEVA-1, 05, 145-155	55-08-00	SMALL THERMAL HOMOGENEOUS CRITICAL ASSEMBLIES
854	THOMAS, J. T.	ORNL-1926, 06-07	55-09-07	CRITICAL PARAMETERS OF URANIUM-235 ENRICHED SOLUTIONS IN SPHERICAL GEOMETRY

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

THOMAS, J. T. (CONTD.)

855	CRONIN, D. F. / THOMAS, J. T.	ORNL-1926, 07-08	55-09-07	CRITICAL PARAMETERS OF SLIGHTLY ENRICHED URANIUM SOLUTIONS IN SPHERICAL GEOMETRY
1092	THOMAS, J. T. / FOX, J. K. / CALLIHAN, A. D.	NSENAO, 01, 020-032	56-03-00	A DIRECT COMPARISON OF SOME NUCLEAR PROPERTIES OF URANIUM-233 AND URANIUM-235
164	FOX, J. K. / GILLEY, L. W. / GWIN, R. / THOMAS, J. T.	ORNL-2609	58-10-29	CRITICAL PARAMETERS OF URANIUM SOLUTIONS IN SIMPLE GEOMETRY
1485	GILLEY, L. W. / THOMAS, J. T.	TANSAO, 04, 054-055	61-06-00	CRITICAL ARRAYS OF NEUTRON INTERACTING UNITS
2093	GILLEY, L. W. / CRONIN, D. F. / FOX, J. K. / THOMAS, J. T.	ORNL-4193, 159-167	61-10-00	CRITICAL ARRAYS OF NEUTRON-INTERACTING UNITS
2096	FOX, J. K. / THOMAS, J. T.	ORNL-3360, 35-36	62-09-00	CRITICAL EXPERIMENTS WITH MIXTURES OF AQUEOUS URANIUM-235-ENRICHED URANYL NITRATE SOLUTIONS AND BOROSILICATE GLASS RINGS
375	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	ORNL-TM-0499	63-02-06	CRITICAL MASS STUDIES - PART 13, BOROSILICATE GLASS RASCHIG RINGS IN AQUEOUS URANYL NITRATE SOLUTIONS
1196	THOMAS, J. T.	ORNL-3499, 58-62	63-08-01	CRITICAL ARRAYS OF URANIUM(93.2) METAL CYLINDERS
206	THOMAS, J. T.	ORNL-TM-0719	63-10-01	CRITICAL THREE DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS
1473	THOMAS, J. T. / FOX, J. K. / JOHNSON, E. B.	TANSAO, 06, 171-172	63-11-00	THE EFFECT OF BOROSILICATE GLASS RASCHIG RINGS ON THE CRITICALITY OF AQUEOUS URANYL NITRATE SOLUTIONS
50	PAXTON, H. C. / THOMAS, J. T. / CALLIHAN, A. D. / JOHNSON, E. B.	TID-07028	64-06-00	CRITICAL DIMENSIONS OF SYSTEMS CONTAINING URANIUM-235, PLUTONIUM-239, AND URANIUM-233
110	THOMAS, J. T.	ORNL-TM-0868	64-07-00	CRITICAL THREE-DIMENSIONAL ARRAYS OF NEUTRON-INTERACTING UNITS, PART-2 - URANIUM METAL ENRICHED TO 93.2 PERCENT IN THE URANIUM-235 ISOTOPE
755	THOMAS, J. T.	IAEA-STOCK.-1965, 149-175	65-11-00	EXPERIMENTAL AND CALCULATED SYSTEM CRITICALITY
928	THOMAS, J. T.	ANL-7320, 299-303	66-10-10	MONTE CARLO CALCULATIONS OF FAST MULTICOMPONENT CRITICAL SYSTEMS
903	THOMAS, J. T.	TANSAO, 10, 538-539	67-11-00	CRITICALITY OF URANIUM-233 AQUEOUS NITRATE SOLUTION IN REFLECTED AND UNREFLECTED ARRAYS
1211	THOMAS, J. T.	ORNL-4280, 53-55	68-00-00	CRITICAL EXPERIMENTS WITH AQUEOUS SOLUTIONS OF URANIUM-233(1), OXYGEN(2), (NITROGEN(1)-OXYGEN(3))(2)
1413	CRUME, E. C. / THOMAS, J. T.	TANSAO, 12, 336	69-06-00	CRITICAL AND NEAR-CRITICAL GRAPHITE-MODERATED ARRAYS OF URANIUM(93.2) CYLINDERS
1436	THOMAS, J. T.	Y-CDC-7	70-08-05	URANIUM METAL CRITICALITY, MONTE CARLO CALCULATIONS AND NUCLEAR CRITICALITY SAFETY
1520	THOMAS, J. T.	NSENAO, 52, 350-359	73-11-00	CRITICAL THREE-DIMENSIONAL ARRAYS OF URANIUM(93.2)-METAL CYLINDERS
1556	THOMAS, J. T.	TANSAO, 19, 199-200	74-11-00	EXPERIMENTAL MEASUREMENTS WITH ARRAYS OF URANIUM(97.7)-HEXAFLUORIDE NEUTRON-COUPLED THROUGH CONCRETE

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

THOMAS, W.

- 1691 RUECKERT, N.T./ THOMAS, W. ATOMKERNENERGIE, 21, 73-03-00 197-202 CRITICALITY SAFETY OF PIPE INTERSECTIONS FOR PLUTONIUM NITRATE SOLUTIONS.

THOMPSON, M. W.

- 624 BEVAN, G. / MUMMERY, P. W. / SALMON, A. J. / THOMPSON, M. W. AERE-R/R-2602 54-11-00 EXPONENTIAL EXPERIMENTS FOR PIPPA MK. 1 (DECLASSIFIED VERSION OF AERE-RP/R-1545)

THOMPSON, T. J.

- 1149 REYNOLDS, A. B. / THOMPSON, T. J. / HENRY, K. M. / JOHNSON, E. B. NSENAO, 07, 001-013 60-01-00 REACTIVITY EFFECTS OF LARGE VOIDS IN THE REFLECTOR OF A LIGHT-WATER-MODERATED AND - REFLECTED REACTOR
- 1993 KAPLAN, I. / LANNING, D. D. / PROFIO, A. E. / THOMPSON, T. J. IAEA-AMST.-1963, 2, 109-146 63-09-00 MASSACHUSETTS INSTITUTE OF TECHNOLOGY EXPONENTIAL STUDIES OF LOW-ENRICHMENT, HEAVY-WATER LATTICES

THORNTON, G.

- 2069 BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I. NEPA-1769 51-04-51 NEPA CRITICAL EXPERIMENT FACILITY

TILL, C. E.

- 1791 TILL, C. E. / DAVEY, W. G. / LEWIS, R. A. / PALMER, R. G. CONF-690634, 040-049 69-06-24 ARGONNE NATIONAL LABORATORY CRITICAL EXPERIMENT PROGRAM.
- 1628 LESAGE, L. G. / BOHN, E. M. / MARSHALL, J. E. / KARAM, R. A. / TILL, C. E. / LEWIS, R. A. / SALVATOIRES, M. TANSO, 14, 017-018 71-06-00 INITIAL EXPERIMENTAL RESULTS FROM ZPR-6 ASSEMBLY 7, THE SINGLE-ZONE DEMONSTRATION REACTOR BENCHMARK ASSEMBLY.
- 1629 LEWIS, R. A. / LESAGE, L. G. / TILL, C. E. / MARSHALL, J. E. / BOHN, E. M. / SALVATOIRES, M. / STANFORD, G. S. TANSO, 14, 018-019 71-06-00 LMFBR DEMONSTRATION REACTOR BENCHMARK CRITICAL EXPERIMENTS PROGRAM -- INITIAL PLATE-ROD HETEROGENEITY MEASUREMENTS.

TIREN, L. I.

- 379 HELLSTRAND, E. / ANDERSSON, T. L. / BRUNFELTER, B. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I. AE-207 65-12-00 EXPERIMENTAL STUDIES ON ASSEMBLIES 1 AND 2 OF THE FAST REACTOR FRO
- 788 ANDERSSON, T. L. / BRUNFELTER, B. / CECCHI, P. F. / HELLSTRAND, E. / KOCKUM, J. / LONDEN, S. O. / TIREN, L. I. AE-233 66-06-00 A SUMMARY REPORT ON ASSEMBLY 3 OF FRO
- 918 ANDERSSON, T. L. / BJOREUS, L. / HELLSTRAND, E. / HAGGBLOM, H. / LONDEN, S. O. / TIREN, L. I. / KOCKUM, J. ANL-7320, 159-185 66-10-10 EXPERIMENTAL AND THEORETICAL WORK AT THE ZERO-ENERGY FAST REACTOR FRO

**III. BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

TOAL, R. L.

2069	BLY, F. T. / CONEYBEAR, J. F. / HAAKE, E. V. / HUNTER, J. A. / KROEGER, H. R. / MOONEYHAM, A. O. / PRESSEY, F. W. / THORNTON, G. / TOAL, R. L. / WEINBERG, D. I.	NEPA-1769	51-04-51	NEPA CRITICAL EXPERIMENT FACILITY
------	--	-----------	----------	-----------------------------------

TOBIN, J. P.

830	LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A.	WCAP-3726-1	67-07-00	PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS
-----	--	-------------	----------	---

TOFFER, H.

898	BROWN, C. L. / HANSEN, L. E. / TOFFER, H.	TANSAO, 10, 191-192	67-06-00	EXPERIMENTAL BUCKLING MEASUREMENTS WITH 2.1 PERCENT ENRICHED URANIUM TUBES IN LIGHT WATER
1583	TOFFER, H. / NIELSEN, L. A.	TANSAO, 22, 292-295	75-11-00	SUBCRITICAL MEASUREMENTS WITH IRRADIATED AND UNIRRADIATED URANIUM METAL FUEL ELEMENTS

TOPPEL, B. J.

2088	HUMMEL, H. H. / COHN, C. E. / FISCHER, G. J. / KATO, W. Y. / MARTENS, F. H. / MENEGHETTI, D. / TOPPEL, B. J.	GENEVA-2, 12, 166-181	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF THE COUPLED FAST-THERMAL SYSTEM ZPR-5
------	--	-----------------------	----------	---

TRAVELLI, A.

943	TRAVELLI, A.	ANL-7320, 481-485	66-10-10	A COMMENT ON THE COMPARISON OF THEORETICAL WITH EXPERIMENTAL NEUTRON SPECTRA IN FAST CRITICAL ASSEMBLIES
936	HELM, F. / TRAVELLI, A.	ANL-7320, 369-374	66-10-10	CALCULATION OF THE SODIUM-VOID EFFECT IN LARGE CARBIDE CORES

TRAYLOR, R. C.

900	BARDES, R. G. / GILLETTE, E. M. / NIRSCHL, R. J. / TRAYLOR, R. C.	TANSAO, 10, 198	67-06-00	EXPERIMENTAL AND ANALYTICAL DETERMINATION OF THE REACTIVITY WORTHS OF URANIUM-233, URANIUM-235, URANIUM-236 AND NEPTUNIUM-237 SAMPLES IN A SERIES OF URANIUM-235-GRAPHITE CRITICAL ASSEMBLIES
1304	TRAYLOR, R. C.	GAMD-8067	68-09-26	AN EVALUATION OF URANIUM-233 CROSS SECTIONS WITH NUMERICAL ANALYSIS OF INTEGRAL EXPERIMENTS

TRETIAKOFF, O.

1920	CLOUET D'ORVAL, C. / ENGELMANN, P. / HELM, F. / JOURDAN, G. / MEYER-HEINE, A. / PILATE, S. / SCHMITT, P. / TRETIAKOFF, O. / VIDAL, R. / WITTEK, G.	TANSAO, 13, 292-293	70-06-00	JOINT EXPERIMENTS ON MASURCA, ERMINÉ, AND SNEAK IN SUPPORT OF THE FAST BREEDER PROJECTS PHENIX AND SNR.
------	--	---------------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

TRIMBLE, G. D.

1365	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OULTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS. QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969

TRIPLETT, J. R.

1998	TRIPLETT, J. R. / SCHMID, L. C. / PETERSON, R. E. / DUNN, R. E. / REGIMBAL, J. J.	TANSAO, 04, 115-116	61-06-00	PLUTONIUM RECYCLE REACTOR CRITICAL TESTS

TRIPP, D. J.

133	COATES, M. S. / GAYTHER, D. B. / GOODE, P. D. / TRIPP, D. J.	AERE-R5330	68-01-00	TIME OF FLIGHT MEASUREMENTS OF THE NEUTRON SPECTRUM IN A SUBCRITICAL FAST REACTOR ASSEMBLY

TROFIMOV, A. P.

1752	YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A.	PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38	68-00-00	THE LADA PHYSICS TEST STAND

TRUNBEY, D. K.

377	GWIN, R. / TRUNBEY, D. K. / WEINBERG, A. M.	GENEVA-2, 12, 529-538	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF UNREFLECTED AQUEOUS URANIUM-235 CRITICAL ASSEMBLIES

TSUJI, YOSHIO.

1754	MATSUBARA, TAKEDO / MUKOYAMA, TAKESHI / TADA, HIROMITSU / TSUJI, YOSHIO.	NIPPON GENSHIRYOKU GAKKAISHI, 11, 600-605	69-04-00	MEASUREMENTS OF LATTICE PARAMETERS WITH A SINGLE FUEL ASSEMBLY IN ORGANIC COOLANT MATERIAL.

TSURIKOV, V. F.

1752	YUROVA, L. N. / KLYUYEV, L. M. / KRYUKOV, A. P. / PETROV, V. N. / POLYAKOV, A. A. / REDKIN, A. F. / RUKHLO, V. P. / TSURIKOV, V. F. / TROFIMOV, A. P. / BOLSHAKOV, V. A.	PHYSICS OF NUCLEAR REACTORS-COLLECTION OF WORKS, NO. 1, MOSCOW, ATOMIZDAT, 1968, PP 32-38	68-00-00	THE LADA PHYSICS TEST STAND

TUCK, G.

131	ERNST, B. B. / RISLEY, G. G. / TUCK, G.	RFP-0684, 005-006	66-02-04	METAL PARTS TEST.. PUBLISHED IN NUCLEAR SAFETY RESEARCH AND DEVELOPMENT QUARTERLY PROGRESS REPORT FOR JULY, AUGUST, AND SEPTEMBER 1965, EDITED BY SCHUSKE, C. L.
177	TUCK, G.	RFP-0907	67-07-26	ENRICHED URANIUM-METAL MEASUREMENTS, NO. 1

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

TUCK, G. (CONTD.)

1164	ERNST, B. B. / TUCK, G.	RFP-1025	67-11-06	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL STEEL-MODERATED, OIL-REFLECTED ENRICHED URANIUM ASSEMBLIES
15	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	RFP-1033	67-11-07	CRITICAL MASSES OF STEEL-MODERATED, ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS
1761	TUCK, G. / CLARK, H. E.	TANSAO, 12, 875-877	69-11-00	SLAB CYLINDER-ARRAY EXPERIMENTAL DATA.
653	TUCK, G.	JAABA, 23, 663-672	69-12-00	CRITICAL MASSES OF SPHERICAL AND HEMISPHERICAL ENRICHED URANIUM ASSEMBLIES
1354	COONFIELD, D. C. / TUCK, G. / CLARK, H. E. / ERNST, B. B.	NSENAO, 39, 320-328	70-03-00	CRITICAL MASS IRREGULARITY OF STEEL-MODERATED ENRICHED URANIUM METAL ASSEMBLIES WITH COMPOSITE STEEL-OIL REFLECTORS
1358	TUCK, G. / CLARK, H. E.	NSENAO, 40, 407-413	70-06-00	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB CYLINDER SYSTEM
1806	TUCK, G. / CLARK, H. E.	RFP-1314	70-12-16	CRITICAL PARAMETERS OF A URANIUM SOLUTION SLAB--CYLINDER SYSTEM.
1682	TUCK, G. / CLARK, H. E. / ALVAREZ, D. L.	NUTYBB, 18, 216-224	73-06-00	ENRICHED URANIUM METAL-SOLUTION SYSTEMS SEPARATED BY NEUTRON POISONS.
1433	SCHUSKE, C. L. / DICKINSON, D. / HUNT, D. C. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2481	76-01-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JULY 1, 1975 THROUGH DECEMBER 31, 1975)
1434	SCHUSKE, C. L. / DICKINSON, D. / GAYLORD, N. D. / OH, I. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2660	77-05-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD JANUARY 1, 1977, THROUGH MARCH 31, 1977)
1435	DICKINSON, D. / GAYLORD, N. D. / ROTHE, R. E. / TUCK, G.	RFP-NUREG-2690	77-09-00	REFERENCE CRITICAL EXPERIMENTS (PROGRESS REPORT FOR PERIOD APRIL 1, 1977, THROUGH JUNE 30, 1977)

TUNNELL, W. C.

145	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-3193, 168	61-09-01	NEW CRITICAL EXPERIMENT MACHINES
1202	ROHRER, E. R. / TUNNELL, W. C. / MAGNUSON, D. W.	ORNL-4193, 168-173	61-10-00	NEW CRITICAL EXPERIMENT MACHINES

TUNNEY, W. J.

803	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	BNL-50012-(T-434)	66-08-25	ORGANIC COOLED, HEAVY WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS
895	PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E.	TANSAO, 09, 518-519	66-10-00	ORGANIC-COOLED HEAVY-WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS
899	SEHGAL, B. R. / WINDSOR, H. / TUNNEY, W. J.	TANSAO, 10, 193-194	67-06-00	MEASUREMENTS AND ANALYSES OF SOME URANIUM-233 DIOXIDE-THORIUM DIOXIDE WATER LATTICE EXPERIMENTS
906	WINDSOR, H. / TUNNEY, W. J.	TANSAO, 10, 595-596	67-11-00	REACTOR PHYSICS PARAMETERS OF URANIUM-233 DIOXIDE-THORIUM DIOXIDE LATTICES IN HEAVY WATER
1961	WINDSOR, H. / TUNNEY, W. J. / PRICE, G. A.	NSENAO, 42, 150-161	70-11-00	EXPONENTIAL EXPERIMENTS WITH LATTICES OF URANIUM-233 OXIDE AND THORIUM OXIDE IN LIGHT AND HEAVY WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

TUNNICLIFFE, P. R.

2103	CRITOPH, E. / OKAZAKI, A.
/ HONE, D. W. /
TUNNICLIFFE, P. R. / DE
MILLE, G. R. / HANNA, G.
C. | UK/C/5/103 | 56-10-22 | MULTIPLE METAL ROD ASSEMBLIES IN ZEEP |
|------|---|------------|----------|---------------------------------------|

TURNBULL, K. R.

1466	CROSS, N. F. / WESTFALL,
R. M. / TURNBULL, K. R.
/ FOX, P. B. | TANSAO, 27, 406-407 | 77-11-00 | VALIDATION OF CRITICALITY SAFETY BROAD-
GROUP LIBRARY USING URANIUM SYSTEMS |
|------|---|---------------------|----------|--|

TURNER, J. E.

1824	COWAN, C. L. / HUTCHINS,
B. A. / TURNER, J. E. | CONF-710301, 1, 72-
78 | 71-08-00 | ADJUSTMENTS TO ENDF/B, VERSION II DATA
WHICH IMPROVE THE AGREEMENT BETWEEN
CALCULATED AND MEASURED PARAMETERS FOR FAST
BENCHMARK CRITICAL ASSEMBLIES. |
|------|---|---------------------------|----------|--|

TURNER, W.

491	BLAINE, R. / FROELICH, R.
/ GREENSPAN, H. / LATHROP,
K. / TURNER, W. / VONDY,
D. / WACHSPRESS, E. | ANL-7416 | 68-02-00 | ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK,
NUMERICAL DETERMINATION OF THE SPACE, TIME,
ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES
IN AN ASSEMBLY |
|-----|--|----------|----------|---|

TUTTLE, R. J.

2042	ZWETZIG, G. B. / BELLER,
L. S. / FIELD, H. C. /
MOUNTFORD, L. A. /
TUTTLE, R. J.	TANSAO, 02, 2, 085-
086	59-11-00	INITIAL EXPERIMENTS WITH THE ORGANIC-
MODERATED REACTOR CRITICAL ASSEMBLY
475	SPRINGER, T. H. / TUTTLE,
R. J. / OTTER, J. M. /
PASCHALL, R. K.	AI-AEC-12705	69-00-00	DOPPLER AND RELATED MEASUREMENTS IN A SOFT
FAST-REACTOR SPECTRUM
1375	SPRINGER, T. H. / TUTTLE,
R. J. / MOUNTFORD, L. A.	AI-AEC-12884	69-11-15	QUARTERLY TECHNICAL PROGRESS REPORT LMFBR
PHYSICS PROGRAMS JULY-SEPTEMBER 1969

U

ULLO, J. J.

2113	ULLO, J. J. / HARDY, J.	WAPD-TM-1299	77-10-00	ANALYSIS OF HOMOGENEOUS URANIUM-233 AND
URANIUM-235 CRITICAL ASSEMBLIES WITH ENDF/B-
IV DATA |
|------|-------------------------|--------------|----------|--|

UOTINEN, V. O.

799	UOTINEN, V. O. / WILLIAMS,
L. D.	BNWL-0340, 09	66-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE
- URANIUM DIOXIDE FUEL RODS
826	UOTINEN, V. O. / WILLIAMS,
L. D.	BNWL-0400	67-04-15	CRITICAL EXPERIMENTS IN PLUTONIUM DIOXIDE-
URANIUM DIOXIDE-WATER LATTICES
1890	UOTINEN, V. O. / WILLIAMS,
L. D.	BNWL-SA-1107	67-05-23	EXPERIMENTS AND CALCULATIONS FOR WATER-
MODERATED ASSEMBLIES CONTAINING URANIUM
DIOXIDE -- 2 WT% PLUTONIUM DIOXIDE FUEL RODS
1962	UOTINEN, V. O. / LAUBY,
J. H. / STINSON, W. P. /
DWIVEDI, S. R.	NSENAO, 44, 66-71	71-04-00	REACTOR KINETIC PARAMETERS OF LATTICES OF
PLUTONIUM AND URANIUM IN WATER

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

UOTINEN, V. O. (CONTD.)

1960 UOTINEN, V. O. / LAUBY, J. H. / SCHMID, L. C. / STINSON, W. P. NUTYBB, 15, 257-271 72-08-00 LATTICES OF PLUTONIUM-ENRICHED RODS IN LIGHT WATER--PART 1: EXPERIMENTAL RESULTS

UROVA, L. N.

2011 UROVA, L. N. / POLYAKOV, A. A. / KLENOV, G. I. / MOROSOV, I. G. / INYUTIN, E. I. / SIDOROV, G. I. AECL-2330, 233-250 64-00-00 A STUDY OF THE PHYSICAL CHARACTERISTICS OF HYDROGEN-CONTAINING REACTORS IN THE CRITICAL REGION

USNER, A.

407 GRUNDL, J. / USNER, A. NSENAO, 08, 598-607 60-12-00 SPECTRAL COMPARISONS WITH HIGH ENERGY ACTIVATION DETECTORS

V

VAN DEN BROECK, H.

1637 DEBRUE, J. / LEENDERS, L. / MOTTE, F. / VAN DEN BROECK, H. / DERAMAIX, P. / DE WAEGH, F. TANSO, 14, 377-379 71-06-00 A BASIC EXPERIMENTAL REACTOR PHYSICS PROGRAM ON URANIUM-DIOXIDE/PLUTONIUM-DIOXIDE/WATER LATTICES

VAN DEYCK, D.

820 DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D. EURAEC-1882 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES

2052 DEBRUE, J. / MEWISSEN, L. / MOTTE, F. / BASSELIER, J. / DELRUE, R. / FOSSOUL, E. / HAUBERT, N. / LAMOTTE, H. / STIEVENART, M. / VAN DEYCK, D. EURAEC-1882(ANNEX) 67-00-00 RESULTS OF SUBCRITICAL EXPERIMENTS CARRIED OUT ON 5 PERCENT ENRICHED WATER/URANIUM DIOXIDE LATTICES

VAN VELZE, P. L.

965 ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G. ANL-7320, 725-733 66-10-10 CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK

VANNOY, W. M.

1001 SNIDOW, N. L. / ANDERSON, R. C. / BATCH, M. L. / DE COULON, G. A. G. / LEWIS, R. H. / VANNOY, W. M. BAW-1191 60-05-00 THORIUM URANIUM PHYSICS EXPERIMENTS FINAL REPORT

VAUTREY, L.

332 ZALESKI, C. P. / VAUTREY, L. CEA-2193 61-10-23 THE FAST BREEDER REACTOR RAPSODIE

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

VAVILOV, V. V.

467	KRASNIN, A. K. /
DUBOVSKY, B. G. /
LANTSOV, M. N. / GLAZKOV,
Y. Y. / GONCHOROV, R. K.
/ KAMAEV, A. V. /
VAVILOV, V. V. / INYUTIN,
E. I. / SENCHEMKOV, A.
P.	GENEVA-2, 12, 571-
579	58-09-00	PHYSICAL CHARACTERISTICS OF BERYLLIUM
MODERATED REACTOR
1990	KAMAEV, A. V. /
DUBOVSKII, B. G. /
VAVILOV, V. V. / POPOV,
G. A. / PALAMARCHUK, YU.
D. / IVANOV, S. P.	AEC-TR-4708	62-10-09	EXPERIMENTAL INVESTIGATION OF EFFECTS OF
INTERACTION OF TWO SUBCRITICAL REACTORS

VENDRYES, C.

291	BERTRAND, J. / BONNAURE,
P. / CLOUET D'ORVAL, C.
/ CORPEL, J. / GIROUSSE,
A. / LACOGSTRY, B. /
PREVOST, I. / SALESSE, H.
/ TACHON, J. / VENDRYES,
C. | GENEVA-2, 12, 539-
562 | 58-09-00 | PROSERPINE, A HOMOGENEOUS CRITICAL
EXPERIMENT WITH PLUTONIUM |
|-----|--|---------------------------|----------|---|

VERNON, A. R.

912	FILLMORE, F. L. / SPECHT,
E. R. / VERNON, A. R. /
OTTIEWITTE, E. H. | ANL-7320, 080-087 | 66-10-10 | THE EVALUATION OF BASIC CROSS-SECTION DATA
BY ANALYSIS OF FAST CRITICAL ASSEMBLIES |
|-----|---|-------------------|----------|---|

VERRIERE, P.

714	BRUNET, J. P. /
CAIZERGUES, R. / CLOUET
D'ORVAL, C. / KREMSER, J.
/ MORET BAILLY, J. /
VERRIERE, P.	CEA-R-2452	62-00-00	PROSERPINE PLUTONIUM-239 AND PROSERPINE
URANIUM-235 - COMPARISON OF EXPERIMENTAL
RESULTS
201	BRUNA, J. G. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
KREMSER, J. / LECLERC, J.
/ VERRIERE, P.	CEA-2274	63-00-00	CRITICALITY EXPERIMENT ON A PLUTONIUM
SOLUTION, EXPERIMENTAL RESULTS
376	BERTRAND, J. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
KREMSER, J. / VERRIERE, P.	CEA-2309	63-00-00	PROSERPINE - CRITICAL MASSSES AND STANDARDS
285	BRUNA, J. G. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
KREMSER, J. / TELLIER, H.
/ VERRIERE, P.	CEA-R-2814	65-00-00	ALECTO - EXPERIMENTAL RESULTS WITH
HOMOGENEOUS CRITICAL SYSTEMS OF PLUTONIUM-
239, URANIUM-235, AND URANIUM-233.
781	BRUNA, J. G. / BRUNET, J.
P. / CAIZERGUES, R. /
CLOUET D'ORVAL, C. /
VERRIERE, P.	IAEA-STOCK.-1965,
235-248	65-11-00	RESULTS OF HOMOGENEOUS CRITICAL EXPERIMENTS
CARRIED OUT WITH PLUTONIUM-239, URANIUM-235
AND URANIUM-233

VIDAL, R.

1920	CLOUET D'ORVAL, C. /
ENGELMANN, P. / HELM, F.
/ JOURDAN, G. / MEYER-
HEINE, A. / PILATE, S. /
SCHMITT, P. / TRETIKOFF,
O. / VIDAL, R. / WITTEK, | TANSAO, 13, 292-293 | 70-06-00 | JOINT EXPERIMENTS ON MASURCA, ERMIN, AND
SNEAK IN SUPPORT OF THE FAST BREEDER
PROJECTS PHENIX AND SNR. |
|------|--|---------------------|----------|--|

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

VISNER, S.

2107	VISNER, S. / WOOD, P. M.	ORNL-1858	57-04-03	LOW-POWER CRITICALITY EXPERIMENTS ON THE HOMOGENEOUS REACTOR EXPERIMENT (HRE-1)
------	--------------------------	-----------	----------	--

VLADYKOV, G. M.

692	DUBOVSKII, B. G. / KAMAEV, A. V. / ORLOV, V. V. / VLADYKOV, G. M. / GURIN, V. N. / KUZNETSOV, F. M. / KOCHERGIN, V. P. / MARKELOV, I. P. / POPOV, G. A. / SVIRIDENKO, V. J.	GENEVA-3, 13, 254- 263	64-09-00	THE CRITICAL PARAMETERS OF AQUEOUS SOLUTIONS OF URANIUM NITRATE AND NUCLEAR SAFETY
759	DUBOVSKII, B. G. / KAMAEV, A. V. / KUZNETSOV, F. M. / VLADYKOV, G. M. / POPOV, G. A. / PALAMARCHUK, YU. D.	JAABA, 19, 775-781	65-00-00	CRITICAL PARAMETERS FOR AQUEOUS SOLUTIONS OF URANIUM NITRATE

VOLLMER, R. H.

850	HARTFIELD, R. A. / FINN, H. F. / NEWHOLD, R. J. / VOLLMER, R. H.	TANSAO, 03, 109	60-06-00	CRITICAL EXPERIMENTS IN SLAB GEOMETRIES
-----	--	-----------------	----------	---

VOLPE, J. J.

2076	BROWN, J. R. / HARRIS, D. R. / FRANTZ, F. S. / VOLPE, J. J. / ANDREWS, J. C. / NOORDHOFF, B. H.	WAPD-176	58-01-00	KINETIC AND BUCKLING MEASUREMENTS ON LATTICES OF SLIGHTLY ENRICHED URANIUM OR URANIUM DIOXIDE RODS IN LIGHT WATER
831	VOLPE, J. J. / HARDY, J. / KLEIN, D.	WAPD-TM-0932	70-03-00	A COMPARISON OF THERMAL NEUTRON ACTIVATION MEASUREMENTS AND MONTE CARLO CALCULATIONS IN LIGHT-WATER-MODERATED URANIUM CELLS

VONDY, D.

491	BLAINE, R. / FROELICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	ANL-7416	68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY
-----	--	----------	----------	---

VOORHIS, A. D.

2074	MC FARLAND, C. E. / VOORHIS, A. D.	WAPD-169	57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF DIFFERENT REFLECTOR ARRANGEMENTS AND COMPOSITIONS
2075	VOORHIS, A. D. / RYAN, T. M. / GOLDSMITH, M. / JONES, R. T.	WAPD-170	57-04-00	EXPERIMENTAL AND THEORETICAL STUDY OF CRITICAL SLABS. EFFECT OF ABSORBING MEMBRANES OF CADMIUM, GOLD, AND BORON

VOSBURGH, R. O.

1862	STEVENSON, J. M. / GASIDLO, J. M. / ROGERS, V. C. / SIMONS, G. G. / VOSBURGH, R. O.	ANL-7695	70-04-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 58 AND 59.
------	--	----------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

VOSBURGH, R. O. (CONTD.)

1631	MENEGHETTI, D. / KEENEY, W. P. / VOSBURGH, R. O. / SIMON, G. G. / STENSTROM, D. G. / PHILLIPS, K. E. / GASIDLO, J. M.	TANSO, 14, 020-021	71-06-00	EXPERIMENTS AND ANALYSES OF HETEROGENEOUS CORES AND NEUTRON SPECTRA IN EBR-II CRITICAL ASSEMBLIES ON ZPR-3.
1834	KAISER, R. E. / GASIDLO, J. M. / LEHTO, W. K. / MADDISON, D. W. / VOSBURGH, R. O. / MOUNTFORD, L. A.	ANL-7882	71-11-00	EXPERIMENTAL RESULTS FOR ZPR-3 ASSEMBLIES 53 AND 54.

VUKMIR, A.

830	LEAMER, R. D. / ORR, W. L. / STOVER, R. L. / TAYLOR, E. G. / TOBIN, J. P. / VUKMIR, A.	WCAP-3726-1	67-07-00	PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUELED CRITICAL EXPERIMENTS

W

WACHSPRESS, E.

491	BLAINE, R. / FROELICH, R. / GREENSPAN, H. / LATHROP, K. / TURNER, W. / VONDY, D. / WACHSPRESS, E.	ANL-7416	68-02-00	ARGONNE CODE CENTER: BENCHMARK PROBLEM BOOK, NUMERICAL DETERMINATION OF THE SPACE, TIME, ANGLE, OR ENERGY DISTRIBUTION OF PARTICLES IN AN ASSEMBLY

WAGNER, K.

1794	KIEFHABER, E. / KUESTERS, H. / SCHMIDT, J. J. / BACHMANN, H. / KRIEG, B. / STEIN, E. / THIEM, D. / WAGNER, K. / HINKELMANN, B. / SIEP, I.	CONF-690634, 094-100	69-06-24	EVALUATION OF FAST CRITICAL EXPERIMENTS BY USE OF RECENT METHODS AND DATA.

WAGNER, R. G.

1389	WIMETT, T. F. / WHITE, R. H. / WAGNER, R. G.	CONF-690102, 95	69-12-00	GODIVA IV

WALFORD, J. G.

639	SMITH, J. C. / PARKER, A. V. / WALFORD, J. G. / WHITE, C.	DEG MEMO.-633 (D)	60-03-00	CRITICALITY OF 30 PERCENT ENRICHED URANIUM SOLUTIONS IN CYLINDRICAL GEOMETRY. INTERIM REPORT
334	JONES, A. F. / WALFORD, J. G.	ENEA-KARLS.-1961, 553-588	61-00-00	THE EQUIPMENT AND METHODS USED IN BRITISH CRITICALITY LABORATORIES

WALKER, G.

490	CHALMERS, J. H. / WALKER, G. / PUGH, J.	AHSB(S) HANDBOOK-1	65-00-00	HANDBOOK OF CRITICALITY DATA, VOLUME I

WALKER, J.

1997	GIBSON, I. H. / WALKER, J.	IAEA-AMST.-1963, 1, 469-479	64-00-00	PULSED SOURCE MEASUREMENTS ON A URANIUM-WATER SUBCRITICAL ASSEMBLY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

WALL, G. P.

288	CUNNINGHAM, J. E. / WALL, G. P. / WELLS, I.	AERE-CE/R-2052	58-00-00	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTION PART 2 PREPARATION AND HANDLING OF SOLUTIONS
286	KING, D. T. / WALL, G. P. / WHITE, J. W. C.	AERE-CE/R-2624	58-00-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE PART 1 FUEL SYSTEM

WALL, I. B.

1425	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	ANL-7320, 195-204	66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE

WALSH, V.

631	KOUTS, H. / DOWNES, K. / PRICE, G. A. / SHER, R. / WALSH, V.	BNL-01627	53-11-05	BUCKLING OF LIGHT WATER LATTICES (0.600 INCHES DIAMETER RODS - 1.3 PERCENT AND 1.15 PERCENT URANIUM-235)
2043	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	BNL-02184	55-02-07	BUCKLING OF LIGHT-WATER MODERATED LATTICES OF .387-INCH DIAMETER, 1.027% ENRICHED URANIUM RODS
1019	KOUTS, H. / PRICE, G. A. / DOWNES, K. / SHER, R. / WALSH, V.	GENEVA-1, 05, 183-202	55-08-00	EXPONENTIAL EXPERIMENTS WITH SLIGHTLY ENRICHED URANIUM RODS IN ORDINARY WATER
1957	KOUTS, H. / PRICE, G. / DOWNES, K. / SHER, R. / WALSH, V.	JAABA, 02, 141	55-11-00	REACTOR PARAMETERS OF A LIGHT WATER-NORMAL URANIUM LATTICE (LETTER)
1699	WALSH, V.	TIM-891	65-09-00	LCRE FUEL ELEMENT CRITICALITY MEASUREMENTS AT ORNL

WALSH, W. P.

1215	SIMS, F. L. / KUNZE, J. F. / WALSH, W. P. / HENDERSON, W. B.	TANSAO, 09, 488-489	66-10-00	FAST-SPECTRUM REFRACTORY-METAL CRITICAL-EXPERIMENT MEASUREMENTS

WALTER, C. E.

54	REYNOLDS, H. L. / WALTER, C. E.	UCRL-5483	59-03-30	HOT BOX - A HIGH-TEMPERATURE CRITICAL FACILITY

WALZE, H.

965	ENGELMANN, P. / BICKEL, W. / DAUNERT, U. / HABERMANN, F. W. A. / VAN VELZE, P. L. / WALZE, H. / WITTEK, G.	ANL-7320, 725-733	66-10-10	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK

WANNER, G.

591	BENOIST, P. / DENIZ, V. / GOURDON, CH. / JOSHI, B. V. / MARTELLY, J. / SAGOT, M. / SAHAI, K. / WANNER, G.	GENEVA-2, 12, 585-606	58-09-00	CRITICAL AND SUBCRITICAL EXPERIMENTS ON URANIUM-BERYLLIUM OXIDE LATTICES

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

WARZEK, F. G.

1476	WARZEK, F. G. / JOHNSTON, H. F.	TANSAO, 06, 219-220	63-11-00	CLUMPED LIGHT-WATER-MODERATED URANIUM DIOXIDE SUPERHEAT CRITICALS: PART 1, EXPERIMENTS
1425	PETERSEN, G. T. / KUNZE, J. F. / WALL, I. B. / HALLAM, J. W. / HENDERSON, W. B. / WARZEK, F. G.	ANL-7320, 195-204	66-10-10	RECENT FAST CRITICAL EXPERIMENTS IN THE MSCA AND 710-CE

WATARUMI, C.

1730	MITAKE, S. / WATARUMI, C. / MIYAWAKI, Y. / TAKEDA, E.	BULL. TOKYO INST. TECH. 96, 1-21	70-03-00	EXPERIMENTAL STUDIES ON 20 PERCENT ENRICHED URANIUM-LIGHT WATER ASSEMBLY. 3. CRITICAL BUCKLING MEASUREMENTS.

WATTECAMPS, E.

947	KUCHLE, M. / MITZEL, F. / WATTECAMPS, E. / WERLE, H.	ANL-7320, 506-523	66-10-10	MEASUREMENTS OF NEUTRON SPECTRA AND DECAY CONSTANTS WITH THE FAST SUBCRITICAL FACILITY SUAK

WEALE, J. W.

75	MC ENHILL, J. J. / WEALE, J. W.	IAEA-VIENNA-1961, 253-262	61-08-00	INTEGRAL EXPERIMENTS ON FAST SYSTEMS OF PLUTONIUM, URANIUM AND THORIUM
304	WEALE, J. W. / PATERSON, W. J.	JBNSA, 03, 311-319	64-00-00	PULSED SOURCE METHODS IN FAST REACTOR PHYSICS
73	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	AWRE-R5/66	66-07-00	INTERIM REPORT ON URANIUM-FUELED VERA REACTOR EXPERIMENTS
946	WEALE, J. W. / BENJAMIN, P. W. / PATERSON, W. J.	ANL-7320, 501-505	66-10-10	A COMPARISON OF MEASURED AND CALCULATED ENERGY SPECTRA IN TWO VERA CORES
301	MC TAGGART, M. H. / GOODFELLOW, H. / PATERSON, W. J. / WEALE, J. W.	AWRE-R4/63	74-06-00	INTERIM REPORT ON THE VERA URANIUM-235/GRAPHITE REACTOR EXPERIMENT

WEBSTER, C. C.

1724	FORD, W. E. / WESTFALL, R. M. / WEBSTER, C. C.	TANSAO, 22, 290-291	75-11-00	A 218 NEUTRON GROUP MASTER CROSS SECTION LIBRARY FOR CRITICALITY SAFETY STUDIES

WEBSTER, J. W.

124	WEBSTER, J. W. / JOHNSON, E. B.	ORNL-TM-1195	65-07-23	CRITICALITY OF A SINGLE UNIT OF AQUEOUS URANYL FLUORIDE SOLUTION ENRICHED TO 5 PERCENT IN URANIUM-235
885	WEBSTER, J. W. / JOHNSON, E. B.	ORNL-4134, 32	67-08-00	CRITICALITY OF AQUEOUS SOLUTIONS OF 5 PERCENT ENRICHED URANIUM
439	WEBSTER, J. W.	ORNL-CDC-02	67-10-00	CALCULATED NEUTRON MULTIPLICATION FACTORS OF UNIFORM AQUEOUS SOLUTIONS OF URANIUM-233 AND URANIUM-235
579	WEBSTER, J. W.	NSEAO, 32, 133-135	68-04-00	MINIMUM THICKNESS OF A WATER-REFLECTED INFINITE SLAB OF AN AQUEOUS SOLUTION OF URANYL FLUORIDE AT OPTIMUM CONCENTRATION
453	WEBSTER, J. W.	ORNL-TM-2187	68-11-00	05R MONTE CARLO CALCULATIONS OF LOW-ENRICHED URANIUM THERMAL CRITICAL ASSEMBLIES, AND EVIDENCE OF ERRORS IN URANIUM-238 CROSS SECTIONS

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

WEINBERG, A. M.

1984	BRANCH, G. / JONES, H. /
RUSH, J. H. / WEINBERG,
A. M.	CP-2842	45-10-26	WATER LATTICE EXPERIMENTS
377	GWIN, R. / TRUNBEY, D. K.
/ WEINBERG, A. M.	GENEVA-2, 12, 529-
538	58-09-00	EXPERIMENTAL AND THEORETICAL STUDIES OF
UNREFLECTED AQUEOUS URANIUM-235 CRITICAL
ASSEMBLIES

WEINBERG, D. I.

2069	BLY, F. T. / CONEYBEAR,
J. F. / HAAKE, E. V. /
HUNTER, J. A. / KROEGER,
H. R. / MOONEYHAM, A. O.
/ PRESSEY, F. W. /
THORNTON, G. / TOAL, R.
L. / WEINBERG, D. I. | NEPA-1769 | 51-04-51 | NEPA CRITICAL EXPERIMENT FACILITY |
|------|--|-----------|----------|-----------------------------------|

WEINSTEIN, S.

2046	FEINER, F. / WEINSTEIN,
S. / OAKS, W. C. /
COOPER, K. V.	TANSAO, 05, 344-345	62-11-00	PRECISE CRITICALITY DETERMINATIONS IN THE
SOLID HOMOGENEOUS ASSEMBLY
1995	BACH, D. R. / BISTLINE,
J. A. / BUNCH, S. I. /
CERBONE, R. J. / FEINER,
F. / SKOLNIK W. /
WEINSTEIN, S.	IAEA-AMST.-1963, 2,
391-445	63-09-00	COMPARISON OF KNOLLS ATOMIC POWER
LABORATORY CLEAN CRITICAL AND SUBCRITICAL
EXPERIMENTS WITH CALCULATIONS
1478	WEINSTEIN, S. / FEINER,
F.	TANSAO, 06, 221	63-11-00	REACTIVITY WORTH OF TRANSVERSE GAPS

WEINSTOCK, E. V.

504	PHELPS, J. / WEINSTOCK, E.
V.	NSENAO, 34, 237-250	68-12-00	CRITICALITY MEASUREMENTS ON NEARLY
HOMOGENEOUS ENRICHED URANIUM-GRAPHITE
SYSTEMS
1267	PALMEDO, P. F. /
WEINSTOCK, E. V.	BNL-RP-01 (F)	69-08-12	FS-1 CORES 2 AND 2A
1483	PALMEDO, P. F. /
WEINSTOCK, E. V.	BNL-RP-02 (F)	69-08-27	PRELIMINARY FAST REACTOR HETEROGENEITY
STUDIES IN FS-1

WEIRICH, T. F.

59	MORTON, J. R. / SHON, F.
J. / WEIRICH, T. F. /
GARDNER, L. L. | UCRL-6729 | 62-01-02 | REACTIVITY EFFECTS OF VARIOUS REFLECTORS ON
NEAR-HOMOGENEOUS, BERYLLIUM OXIDE MODERATED,
ORALLOY-FUELED SYSTEMS |
|----|---|-----------|----------|---|

WEISS, S. H.

1047	MC COOL, W. J. / ROBINSON,
R. A. / SCHRADER, E. W. /
WEISS, S. H.	NSENAO, 09, 047-054	61-01-00	SM-2 FLEXIBLE CRITICAL EXPERIMENTS
594	MILANI, S. / WEISS, S. H.	WAPD-TM-0614	67-12-23	SMALL URANIUM-233 FUELED SEED-AND-BLANKET
CRITICAL EXPERIMENTS (LWBR-LSBR DEVELOPMENT
PROGRAM)

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

WEITZBERG, A.

522	LONG, J. K./ MC VEAN, R. L./ REYNOLDS, A. B./ STEWART, S. L./ WEITZBERG, A./ LERIDON, A. M.	NSENAO, 25, 442-444	66-08-00	CRITICAL MASS OF SEFOR MOCKUP IN ZPR-3
951	MC VEAN, R. L./ GOIN, R. W./ WEITZBERG, A./ LERIDON, A. M./ KREMSE, J.	ANL-7320, 560-568	66-10-10	CRITICAL ASSEMBLY MOCKUP OF THE SEFOR REACTOR IN ZPR-3
108	MC VEAN, R. L./ WEITZBERG, A./ KREMSE, J./ LERIDON, A. M./ LONG, J. K.	ANL-7248	67-03-00	CRITICAL STUDIES OF THE SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR (SEFOR IN ZPR-3 (ASSEMBLY 47)

WELLS, C. M.

2097	LOCKEY, D. J. / PEARSON, H. / POPE, A. L. / WELLS, C. M.	AERE-R/R-2597	56-09-00	EXPONENTIAL EXPERIMENTS WITH NATURAL AND SLIGHTLY ENRICHED URANIUM, GRAPHITE MODERATED SYSTEMS

WELLS, I.

288	CUNNINGHAM, J. E./ WALL, G. P./ WELLS, I.	AERE-CE/R-2052	58-00-00	CRITICAL ASSEMBLIES OF AQUEOUS URANYL FLUORIDE SOLUTION PART 2 PREPARATION AND HANDLING OF SOLUTIONS

WELSHANS, L. M.

1494	WELSHANS, L. M. / JOHNSON, K. M.	TANSAO, 04, 104-106	61-06-00	CRITICAL EXPERIMENTS ON ENRICHED URANIUM STAINLESS STEEL WATER MODERATED LATTICES

WERLE, H.

917	BARLEON, L./ BAYER, A./ BRUCKNER, C./ BURKART, K. / FIEG, G./ KUHN, D./ KUSSMAUL, G./ MEISTER, H. / SEUFERT, H./ STEGEMANN, D./ WERLE, H.	ANL-7320, 137-158	66-10-10	EVALUATION OF REACTOR PHYSICS EXPERIMENTS ON THE COUPLED FAST-THERMAL ARGONAUT REACTOR STARK
947	KUCHLE, M./ MITZEL, F./ WATTECAMPS, E./ WERLE, H.	ANL-7320, 506-523	66-10-10	MEASUREMENTS OF NEUTRON SPECTRA AND DECAY CONSTANTS WITH THE FAST SUBCRITICAL FACILITY SUAK

WESTFALL, R. M.

1724	FORD, W. E. / WESTFALL, R. M. / WEBSTER, C. C.	TANSAO, 22, 290-291	75-11-00	A 218 NEUTRON GROUP MASTER CROSS SECTION LIBRARY FOR CRITICALITY SAFETY STUDIES
1466	CROSS, N. F. / WESTFALL, R. M. / TURNBULL, K. R. / FOX, P. B.	TANSAO, 27, 406-407	77-11-00	VALIDATION OF CRITICALITY SAFETY BROAD-GROUP LIBRARY USING URANIUM SYSTEMS

WHEELER, R. C.

790	WHEELER, R. C. / ABSALOM, R. M. / BAKER, A. R. / BROOMFIELD, A. M. / FURNEAUX, D. / INGRAM, G. / JOWITT, D. / PATTENDEN, S. K. / PATTERSON, C. R. / SMITH, M. F. / STEVENSON, J. M.	AEEW-R481	66-05-00	ZEBRA CORE 5: STUDIES OF A MIXED CRITICAL CORE WITH A CENTRAL DILUTE PLUTONIUM REGION

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

WHITE, C.

639	SMITH, J. C. / PARKER, A. V. / WALFORD, J. G. / WHITE, C.	DEG MEMO.-633 (D)	60-03-00	CRITICALITY OF 30 PERCENT ENRICHED URANIUM SOLUTIONS IN CYLINDRICAL GEOMETRY. INTERIM REPORT
-----	---	-------------------	----------	--

WHITE, J. D.

366	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D.	HW-77871	63-00-00	SUBCRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE-POLYSTYRENE COMPACTS
172	MASTERTSON, R. H. / WHITE, J. D. / POWELL, T. J.	HW-77089	63-03-27	THE LIMITING CRITICAL CONCENTRATIONS FOR PLUTONIUM-239 AND URANIUM-235 IN AQUEOUS SOLUTIONS
367	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / BIERMAN, S. R. / GARLID, K. L. / SKEEN, D. R.	HW-79054	63-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE- POLYSTYRENE COMPACTS
970	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-80020, 31-37	64-01-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE POLYSTYRENE COMPACTS
816	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	HW-81659, 45-48	64-04-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE- POLYSTYRENE COMPACTS
298	RICHEY, C. R. / WHITE, J. D. / LLOYD, R. C. / CLAYTON, E. D.	TANSAO, 07, 081	64-06-00	HOMOGENEOUS CRITICAL EXPERIMENTS WITH PLUTONIUM/PLASTIC MIXTURES IN THE INTERMEDIATE ENERGY RANGE
752	WHITE, J. D. / RICHEY, C. R.	HW-84608	65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS
756	RICHEY, C. R. / WHITE, J. D.	BNWL-0095	65-00-00	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - POLYSTYRENE COMPACTS
416	RICHEY, C. R. / WHITE, J. D. / CLAYTON, E. D. / LLOYD, R. C. /	NSENAO, 23, 150-158	65-10-00	CRITICALITY OF HOMOGENEOUS PLUTONIUM OXIDE- PLASTIC COMPACTS AT HYDROGEN TO PLUTONIUM RATIO = 15
853	WHITE, J. D. / RICHEY, C. R.	BNWL-0193, 57-67	65-10-15	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS
837	WHITE, J. D. / RICHEY, C. R.	TANSAO, 08, 441-442	65-11-00	NEUTRON INTERACTION BETWEEN MULTIPLYING MEDIA SEPARATED BY VARIOUS MATERIALS

WHITE, J. R.

1287	MENEGETTI, D. / WHITE, J. R.	ANL-7133	64-11-00	CALCULATIONS OF ZPR-3 FAST ASSEMBLIES USING A TWENTY-SIX-GROUP CROSS-SECTION SET.
------	---------------------------------	----------	----------	--

WHITE, J. W. C.

286	KING, D. T. / WALL, G. P. / WHITE, J. W. C.	AERE-CE/R-2624	58-00-00	CRITICAL ASSEMBLIES WITH HEAVY WATER SOLUTIONS OF URANYL FLUORIDE PART 1 FUEL SYSTEM
-----	--	----------------	----------	--

WHITE, R. H.

180	WHITE, R. H.	LA-1579	53-06-00	TOPSY, A REMOTELY CONTROLLED MACHINE FOR THE STUDY OF CRITICAL ASSEMBLIES
5	WHITE, R. H.	NSENAO, 01, 053-061	56-03-00	TOPSY, A REMOTELY CONTROLLED CRITICAL ASSEMBLY MACHINE

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

WHITE, R. H. (CONTD.)

1389	WIMETT, T. F. / WHITE, R. H. / WAGNER, R. G.	CONF-690102, 95	69-12-00	GODIVA IV
1720	BERNARD, W. / HELMICK, H. H. / JARVIS, G. A. / PLASSMANN, E. A. / WHITE, R. H.	LA-5971-MS	75-05-00	RESEARCH PROGRAM ON PLASMA CORE ASSEMBLY

WHITESIDES, G. E.

1524	CROSS, N. F. / WHITESIDES, G. E. / HINTON, R. J.	TANSAO, 17, 268	73-11-00	MONTE CARLO ANALYSIS OF EXPERIMENTALLY CRITICAL PIPE INTERSECTIONS
------	--	-----------------	----------	--

WIKNER, N. F.

1269	GOODJOHN, A. J. / JOANOU, G. D. / WIKNER, N. F.	TANSAO, 05, 367-368	62-11-00	ON THE PHYSICS OF SEMI-HOMOGENEOUS GRAPHITE URANIUM-235 REACTORS
------	---	---------------------	----------	--

WILKINSON, R.

1450	SNELL, A. H. / BROLLEY, J. E. / LEVINGER, J. S. / WILKINSON, R.	CF-0589	43-04-17	STUDIES IN A FIVE TON METAL PILE
------	---	---------	----------	----------------------------------

WILLIAMS, D. V. P.

235	CALLIHAN, A. D. / CRONIN, D. F. / FOX, J. K. / MORFITT, J. W. / ROHRER, E. R. / WILLIAMS, D. V. P.	Y-0801 (DEL.)	51-08-00	CRITICAL MASS STUDIES, PART-6
2070	WILLIAMS, D. V. P.	ORNL-2021	55-11-25	PRELIMINARY RESULTS OF APPR CRITICAL EXPERIMENTS, PART I
1977	WILLIAMS, D. V. P. / MAGNUSON, D. W. / BATCH, M. L. / JOHNSON, W. R. / LESLIE, J. K. / CALLIHAN, A. D.	ORNL-2128	56-08-21	ARMY PACKAGE POWER REACTOR CRITICAL EXPERIMENT

WILLIAMS, L. D.

799	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-0340, 09	66-10-15	CRITICAL EXPERIMENTS WITH PLUTONIUM DIOXIDE - URANIUM DIOXIDE FUEL RODS
826	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-0400	67-04-15	CRITICAL EXPERIMENTS IN PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER LATTICES
1890	UOTINEN, V. O. / WILLIAMS, L. D.	BNWL-SA-1107	67-05-23	EXPERIMENTS AND CALCULATIONS FOR WATER-MODERATED ASSEMBLIES CONTAINING URANIUM DIOXIDE -- 2 WT% PLUTONIUM DIOXIDE FUEL RODS
1804	DAVIS, E. C. / SMITH, R. I. / WILLIAMS, L. D.	BNWL-1481	70-06-00	CRITICAL EXPERIMENTS IN AN MTR MOCKUP USING PHOENIX FUEL.

WILLIAMS, P. M.

2006	POWELL, R. R. / WILLIAMS, P. M.	TANSAO, 04, 304-305	61-11-00	PRESSURE TUBE REACTOR CRITICAL EXPERIMENT
------	---------------------------------	---------------------	----------	---

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

WIMETT, T. F.

1389 WIMETT, T. F. / WHITE, R. H. / WAGNER, R. G. CONF-690102, 95 69-12-00 GODIVA IV

WIMMER, R. E.

1484 MOSS, L. I. / PODEWELTZ, C. M. / RANDALL, R. L. / SHAPIRO, J. L. / WIMMER, R. E. TANSO, 04, 053-054 61-06-00 ANALYTICAL AND EXPERIMENTAL RESULTS FOR A COMPACT, ZIRCONIUM HYDRIDE MODERATED CRITICAL ASSEMBLY

WINDSOR, H.

2047 WINDSOR, H. TANSO, 06, 052-053 63-06-00 BUCKLINGS AND DISADVANTAGE FACTORS OF SEVERAL WATER-MODERATED, 1.25%-ENRICHED URANIUM METAL SLAB LATTICES

778 PRICE, G. A. / WINDSOR, H. BNL-00954 65-12-31 URANIUM-233 DIOXIDE - THORIUM DIOXIDE LATTICE EXPERIMENTS

803 PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E. BNL-50012-(T-434) 66-08-25 ORGANIC COOLED, HEAVY WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS

895 PRICE, G. A. / WINDSOR, H. / TUNNEY, W. J. / HELLSTRAND, E. TANSO, 09, 518-519 66-10-00 ORGANIC-COOLED HEAVY-WATER MODERATED URANIUM-233 FUELED LATTICE EXPERIMENTS

899 SEHGAL, B. R. / WINDSOR, H. / TUNNEY, W. J. TANSO, 10, 193-194 67-06-00 MEASUREMENTS AND ANALYSES OF SOME URANIUM-233 DIOXIDE-THORIUM DIOXIDE WATER LATTICE EXPERIMENTS

1119 WINDSOR, H. NSENSO, 29, 296-298 67-08-00 BUCKLING MEASUREMENTS IN WATER-MODERATED AND -REFLECTED EXPONENTIAL EXPERIMENTS

906 WINDSOR, H. / TUNNEY, W. J. TANSO, 10, 595-596 67-11-00 REACTOR PHYSICS PARAMETERS OF URANIUM-233 DIOXIDE-THORIUM DIOXIDE LATTICES IN HEAVY WATER

1239 PHELPS, J. / CONANT, J. / COURT, A. J. / DOWNES, K. / WINDSOR, H. BNL-RP-07 (F) 69-09-22 CEPFR-1B MEASUREMENTS AND ASSEMBLY DESCRIPTION

1482 WINDSOR, H. / PHELPS, J. / CONANT, J. BNL-RP-09 (F) 69-10-00 CEPFR-1C MEASUREMENTS AND ASSEMBLY DESCRIPTION

1238 PRICE, G. A. / WINDSOR, H. BNL-RP-08 (F) 69-10-01 PLUTONIUM-ALUMINUM-WATER BUCKLING MEASUREMENTS

1306 PHELPS, J. / WINDSOR, H. / CHANDRAMOLESHWAR, K. BNL-RP-14 (F) 70-05-00 CEPFR-1-2 MEASUREMENTS AND ASSEMBLY DESCRIPTION

1307 WINDSOR, H. / PHELPS, J. / CHANDRAMOLESHWAR, K. BNL-RP-13 (F) 70-05-00 CEPFR-1F MEASUREMENTS AND ASSEMBLY DESCRIPTION

1308 PHELPS, J. / WINDSOR, H. BNL-RP-12 (F) 70-05-00 CEPFR-1E MEASUREMENTS AND ASSEMBLY DESCRIPTION

1309 WINDSOR, H. / PHELPS, J. BNL-RP-11 (F) 70-05-00 CEPFR-1 D MEASUREMENTS AND ASSEMBLY DESCRIPTION

1961 WINDSOR, H. / TUNNEY, W. J. / PRICE, G. A. NSENSO, 42, 150-161 70-11-00 EXPONENTIAL EXPERIMENTS WITH LATTICES OF URANIUM-233 OXIDE AND THORIUM OXIDE IN LIGHT AND HEAVY WATER

1965 PHELPS, J. / WINDSOR, H. / TAKAHASHI, H. / CONANT, J. / CHANDRAMOLESHWAR, K. NSENSO, 49, 274-300 72-11-00 CRITICAL EXPERIMENTS FOR THE BROOKHAVEN PULSED FAST REACTOR STUDY

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

WINGFIELD, E. C.

2000	WINGFIELD, E. C. /
HENNELLY, E. J.	TANSAO, 04, 296-298	61-11-00	COMPARISON OF EXPONENTIAL AND CRITICAL
BUCKLINGS FOR NATURAL URANIUM RODS IN HEAVY
WATER
1054	WINGFIELD, E. C. /
HENNELLY, E. J.	NSNAO, 12, 348-358	62-03-00	EXPONENTIAL MEASUREMENTS OF NATURAL URANIUM
RODS IN HEAVY WATER AND COMPARISONS WITH
CRITICAL EXPERIMENTS

WINTZER, D.

967	ENGELMANN, P. / BOHME, R.
/ BRUHN, G. / DURAND-SMET,
R. / FOELL, W. K. /
HABERMANN, F. W. A. /
SCHRODER, R. / WINTZER, D.	ANL-7320, 759-775	66-10-10	INITIAL EXPERIMENTS IN THE KARLSRUHE FAST
CRITICAL FACILITY, SNEAK
1932	NOBLE, L. D. / MITZEL, F.
/ SARMA, B. / WINTZER,
D. / LU, Y. S. / KESSLER,
G. / PFLASTERER, G. R.
/ BECKER, R. A. / MANSUR,
L.	GEAP-13588	70-03-00	RESULTS OF SEFOR ZERO POWER EXPERIMENTS.

WITTEK, G.

965	ENGELMANN, P. / BICKEL, W.
/ DAUNERT, U. / HABERMANN,
F. W. A. / VAN VELZE, P.
L. / WALZE, H. / WITTEK, G.	ANL-7320, 725-733	66-10-10	CONSTRUCTION AND EXPERIMENTAL EQUIPMENT OF
THE KARLSRUHE FAST CRITICAL FACILITY, SNEAK
1920	CLOUET D'ORVAL, C. /
ENGELMANN, P. / HELM, F.
/ JOURDAN, G. / MEYER-
HEINE, A. / PILATE, S. /
SCHMITT, P. / TRETIAKOFF,
O. / VIDAL, R. / WITTEK,
G.	TANSAO, 13, 292-293	70-06-00	JOINT EXPERIMENTS ON MASURCA, ERMINE, AND
SNEAK IN SUPPORT OF THE FAST BREEDER
PROJECTS PHENIX AND SNR.

WITTKOPF, W. A.

2008	WITTKOPF, W. A. / ROACH,
K. E. | TANSAO, 04, 305-306 | 61-11-00 | NUCLEAR ANALYSIS OF 4% ENRICHED URANIUM
DIOXIDE LATTICES MODERATED BY HEAVY-WATER -
WATER MIXTURES |
|------|-----------------------------------|---------------------|----------|--|

WOLFE, W. B.

2010	WOLFE, W. B. / MACK, R.
J. | TANSAO, 04, 310 | 61-11-00 | SOME RECENT ZERO-POWER PHYSICS MEASUREMENTS
ON THE ORGANIC MODERATED REACTOR EXPERIMENT |
|------|-------------------------------|-----------------|----------|--|

WOOD, D. E.

817	ENDRES, G. W. R. / WOOD,
D. E.	HW-60220, 27-32	59-04-20	MATERIAL BUCKLINGS OF GRAPHITE-URANIUM
LATTICES
2041	WOOD, D. E. / ENDRES, G.
W. R.	TANSAO, 02, 2, 084-
085	59-11-00	GRAPHITE - URANIUM EXPONENTIAL MEASUREMENTS
FOR LARGE FUEL ELEMENTS
1988	WOOD, D. E.	HW-69525	61-05-00	MATERIAL BUCKLING MEASUREMENTS ON GRAPHITE-
URANIUM SYSTEMS AT HANFORD: A SUMMARY
TABULATION

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

WOOD, D. P.

88	HANSEN, G. E. / WOOD, D. P.	LA-1356	52-02-01	PRECISION CRITICAL-MASS DETERMINATIONS FOR ORALLOY AND PLUTONIUM IN SPHERICAL TUBALLOY TAMPERS
2067	PLASSMANN, E. A. / WOOD, D. P.	BNL-0483, 73-74	57-01-09	CRITICALITY DATA ON METAL URANIUM-233 SPHERICAL SYSTEMS
98	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	LA-2203	58-07-16	CRITICAL MASSES OF ORALLOY IN THIN REFLECTORS
8	WOOD, D. P. / BYERS, C. C. / OSBORN, L. C.	NSENAO, 08, 578-587	60-12-00	CRITICAL MASSES OF CYLINDERS OF PLUTONIUM DILUTED WITH OTHER METALS
9	HANSEN, G. E. / PAXTON, H. C. / WOOD, D. P.	NSENAO, 08, 570-577	60-12-00	CRITICAL PLUTONIUM AND ENRICHED-URANIUM-METAL CYLINDERS OF EXTREME SHAPE
7	HANSEN, G. E. / WOOD, D. P. / GEER, W. U.	NSENAO, 08, 588-594	60-12-00	CRITICAL MASSES OF ENRICHED-URANIUM CYLINDERS WITH MULTIPLE REFLECTORS OF MEDIUM-Z ELEMENTS
6	PLASSMANN, E. A. / WOOD, D. P.	NSENAO, 08, 615-620	60-12-00	CRITICAL REFLECTOR THICKNESSES FOR SPHERICAL URANIUM-233 AND PLUTONIUM-239 SYSTEMS
23	WOOD, D. P. / PENA, B.	LAMS-2579	61-11-02	CRITICAL MASS MEASUREMENTS OF ORALLOY AND PLUTONIUM CORES IN SPHERICAL ALUMINUM REFLECTORS
92	HANSEN, G. E. / WOOD, D. P. / PENA, B.	LAMS-2744	62-10-08	REFLECTOR SAVINGS OF MODERATING MATERIALS ON LARGE DIAMETER URANIUM SLABS, ENRICHED TO 93.2 PERCENT IN URANIUM-235

WOOD, P. M.

2107	VISNER, S. / WOOD, P. M.	ORNL-1858	57-04-03	LOW-POWER CRITICALITY EXPERIMENTS ON THE HOMOGENEOUS REACTOR EXPERIMENT (HRE-1)
------	--------------------------	-----------	----------	---

WOOD, R. E.

214	LOFTHOUSE, J. H. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 09, 340	66-10-00	CAVITY REACTOR CRITICAL EXPERIMENT
215	HYLAND, R. E. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E.	TANSAO, 10, 008-009	67-06-00	EXPERIMENTAL RESULTS FROM LARGE CAVITY REACTOR CRITICAL
217	MASSON, L. S. / PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	TANSAO, 10, 419-420	67-11-00	CAVITY REACTOR GAS-CORE CRITICAL EXPERIMENTS
33	PINCOCK, G. D. / KUNZE, J. F. / WOOD, R. E. / HYLAND, R. E.	NASA-CR-72409	68-05-22	CAVITY REACTOR ENGINEERING MOCKUP CRITICAL EXPERIMENT

WOODCOCK, E. R.

806	WOODCOCK, E. R.	AHSB-17	59-06-00	CRITICAL ASSEMBLIES OF INFINITE SLABS OF HIGHLY ENRICHED URANIUM AND WATER
-----	-----------------	---------	----------	--

WOODRUFF, G. L.

1281	BIERMAN, S. R. / HANSEN, L. E. / WOODRUFF, G. L. / LLOYD, R. C. / HESS, G. M.	BNWL-0340, 46-49	66-10-15	NEUTRON SPECTRA EXPERIMENTS
------	---	------------------	----------	-----------------------------

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

WOODWARD, L. L.

38	JOSEPHSON, V. / PAINE, R. W. / WOODWARD, L. L.	LA-1155 (DEL)	52-08-08	ORALLOY SHAPE FACTOR MEASUREMENTS
----	---	---------------	----------	-----------------------------------

WORDEN, J. R.

809	LIKALA, R. C. / WORDEN, J. R. / REARDON, W. A.	HW-81659, 26-32	64-04-15	AN ANALYSIS OF URANIUM FUELED LIGHT WATER MODERATED CRITICAL EXPERIMENTS
735	SCHMID, L. C. / STINSON, W. P. / LIKALA, R. C. / WORDEN, J. R.	HW-81659, 04-09	64-04-15	EXPERIMENTS WITH PLUTONIUM DIOXIDE-URANIUM DIOXIDE FUEL ELEMENTS IN LIGHT WATER
815	WORDEN, J. R. / LIKALA, R. C. / REARDON, W. A.	HW-81659, 33-44	64-04-15	AN ANALYSIS OF PLUTONIUM LIGHT WATER CRITICAL EXPERIMENTS
798	LIKALA, R. C. / STINSON, W. P. / WORDEN, J. R.	TANSAO, 07, 216	64-11-00	CRITICAL MASSES AND BUCKLINGS OF PLUTONIUM DIOXIDE-URANIUM DIOXIDE-WATER SYSTEMS

WORTON, D. R.

998	CREMER, C. C. / HUNTER, R. E. / BERLIJN, J. H. / WORTON, D. R.	LA-3529	69-10-27	COMPARISON OF CALCULATIONS WITH INTEGRAL EXPERIMENTS FOR PLUTONIUM AND URANIUM CRITICAL ASSEMBLIES
1823	HUNTER, R. E. / CREMER, C. C. / WORTON, D. R.	CONF-710301, 1, 58- 64	71-08-00	INTEGRAL COMPARISONS FOR FAST CRITICAL ASSEMBLIES.

WRIGHT, W. B.

2001	KLANN, P. G. / DECHAND, C. O. / FEIN, E. / WRIGHT, W. B.	TANSAO, 04, 298-299	61-11-00	CRITICAL EXPERIMENTS WITH LOW ENRICHED DOUBLE ANNULAR SUPERHEATER FUEL ELEMENTS IN LIGHT WATER AND THEIR ANALYSIS
------	--	---------------------	----------	---

Y

YAMAMOTO, M.

1486	PITTERLE, T. A. / PAGE, E. M. / YAMAMOTO, M.	CONF-660303	68-03-04	CALCULATIONS OF FAST CRITICAL EXPERIMENTS USING ENDF/B DATA AND A MODIFIED ENDF/B DATA FILE
------	---	-------------	----------	---

YOUNG, D. S.

611	YOUNG, D. S.	LA-1487	52-05-15	NEUTRON DISTRIBUTION MEASUREMENTS AT PAJARITO BY MEANS OF PHOTOGRAPHIC EMULSIONS
-----	--------------	---------	----------	---

YOUNG, H. P.

1365	CERBONE, R. J. / CROSBIE, K. L. / GOZANI, T. / MIRR, C. H. / NEILL, J. M. / D'OULTREMONT, P. / PRESKITT, C. A. / SPERLING, M. / TRIMBLE, G. D. / YOUNG, H. P. / YOUNG, J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS, QUARTERLY PROGRESS REPORT FOR THE PERIOD ENDING APRIL 30, 1969
------	---	---------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

YOUNG, J. C.

1091	PRESKITT, C. A. /
D'OUTREMONT, P. / NEILL,
J. M. / YOUNG, J. C.	GA-9140	68-11-01	(FAST REACTOR SPECTRUM MEASUREMENTS
QUARTERLY PROGRESS REPORT FOR THE PERIOD
ENDING OCTOBER 31, 1968)
1365	CERBONE, R. J. / CROSBIE,
K. L. / GOZANI, T. / MIRR,
C. H. / NEILL, J. M. /
D'OUTREMONT, P. /
PRESKITT, C. A. /
SPERLING, M. / TRIMBLE, G.
D. / YOUNG, H. P. / YOUNG,
J. C.	GA-9386	69-05-15	FAST REACTOR SPECTRUM MEASUREMENTS,
QUARTERLY PROGRESS REPORT FOR THE PERIOD
ENDING APRIL 30, 1969
1345	COHEN, S. C. / MOORE, R.
A. / YOUNG, J. C. /
RUSSELL, J. L.	NSENAO, 37, 111-126	69-07-00	FAST NEUTRON SPECTRUM FOR A SUBCRITICAL
SECTION OF A HOMOGENEOUS URANIUM-235
POLYETHYLENE CRITICAL ASSEMBLY

YOUNG, W. R.

1319	YOUNG, W. R. / BENNETT, R.
A.	TANSAO, 12, 183-184	69-06-00	FTR CRITICAL EXPERIMENTS ANALYSIS
1897	YOUNG, W. R. / BENNETT, R.
A.	BNWL-1138	70-01-00	ANALYSIS OF FTR PHASE B CRITICAL
EXPERIMENTS. PART-1. ZPR-3 ASSEMBLY 51.
874	YOUNG, W. R. / BENNETT, R.
A.	BNWL-1139	70-02-00	ANALYSIS OF FTR PHASE B CRITICAL
EXPERIMENTS, PART 2, ZPR-3 ASSEMBLIES 52A,
B, C, D, E, AND F
1921	BENNETT, R. A. / ENGSTROM,
S. L. / NELSON, J. V. /
YOUNG, W. R.	TANSAO, 13, 291	70-06-00	STATISTICALLY SIGNIFICANT BIASES IN THE FTR
NEUTRONICS MODEL.

YUROVA, L. N.

1752	YUROVA, L. N. / KLYUYEV,
L. M. / KRYUKOV, A. P. /
PETROV, V. N. / POLYAKOV,
A. A. / REDKIN, A. F. /
RUKHLO, V. P. / TSURIKOV,
V. F. / TROFIMOV, A. P.
/ BOLSHAKOV, V. A. | PHYSICS OF NUCLEAR
REACTORS-COLLECTION
OF WORKS, NO. 1,
MOSCOW, ATOMIZDAT,
1968, PP 32-38 | 68-00-00 | THE LADA PHYSICS TEST STAND |
|------|--|---|----------|-----------------------------|

Z

ZAIMOVSKII, A. S.

336	BLOKHIN, G. E. /
BLOKHINTSEV, D. I. /
BLYUMKINA, YU. A. /
BONDARENKO, I. I. /
DERYAGIN, B. I. /
ZAIMOVSKII, A. S. / ET AL | ATOMK., 10, 437 | 61-00-00 | A FAST NEUTRON BURST REACTOR |
|-----|--|-----------------|----------|------------------------------|

ZALESKI, C. P.

2082	KOECHLIN, J. C. / TANGUY,
P. / ZALESKI, C. P.	BNL-0489, 097-126	57-11-12	FRENCH RESULTS ON THE NATURAL URANIUM-
GRAPHITE LATTICES
1950	BACHER, J. P. / KOECHLIN, J.
C. / DE MAZANCOURT, R.
/ TESTE DU BAILLER, A. /
ZALESKI, C. P.	GENEVA-2, 12, 666-
684	58-09-00	NATURAL URANIUM-GRAPHITE LATTICES

**LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE**

ZALESKI, C. P. (CONTD.)

332	ZALESKI, C. P. / VAUTREY, L.	CEA-2193	61-10-23	THE FAST BREEDER REACTOR RAPSODIE
-----	------------------------------	----------	----------	-----------------------------------

ZASLAVSKII, V. V.

865	ALEKSENKO, U. N. / BUINITSKAYA, V. I. / ZASLAVSKII, V. V. / ZVONOV, N. V. / ET AL	AECL-2330, 218-232	64-00-00	CRITICAL EXPERIMENTS WITH THE ORGANIC COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS OIL
-----	--	--------------------	----------	--

ZIJP, W. L.

1994	COELHOORN, J. / ACKERS, J. G. / BUSTRAAN, M. / TAS, A. / ZIJP, W. L. / NUYSKEN, M. / NIJS, W. W. / HEYBOER, R. J. / LUIDINGA, F.	IAEA-AMST.-1963, 2, 233-256	63-09-00	THE CRITICAL FACILITY KRITO
------	--	-----------------------------	----------	-----------------------------

ZIMMERMAN, E. L.

43	ZIMMERMAN, E. L.	Y-0881 (DEL)	52-12-07	A GRAPHITE MODERATED CRITICAL ASSEMBLY, CA-4
2062	ZIMMERMAN, E. L.	BNL-0489, 239-274	57-11-12	A GRAPHITE MODERATED CRITICAL ASSEMBLY--CA-4
101	ZIMMERMAN, E. L.	ORNL-2201	58-10-20	TWO BERYLLIUM-MODERATED CRITICAL ASSEMBLIES

ZISSIS, G. J.

2050	BAYARD, R. T. / HOVATTE, K. R. / MOREWITZ, H. A. / ZISSIS, G. J.	WAPD-PM-32	55-10-11	CRITICAL EXPERIMENTS ON LIGHTLY ENRICHED URANIUM-ZIRCONIUM ASSEMBLY
------	---	------------	----------	--

ZLOTAR, B. A.

1401	KALLFELZ, J. M. / POENITZ, W. P. / SEHGAL, B. R. / ZLOTAR, B. A.	TANSAO, 12, 186-187	69-06-00	STUDIES OF FAST-NEUTRON CROSS SECTIONS THROUGH INTEGRAL EXPERIMENTS
1388	KALLFELZ, J. M. / ZLOTAR, B. A. / SEHGAL, B. R.	EACRP-L-77	69-10-00	MODIFICATIONS TO FISSILE ELEMENT CROSS SECTIONS AND THEIR INFLUENCE ON CALCULATED FAST REACTOR PARAMETERS
1648	ZLOTAR, B. A. / SALVATORES, M. / BINGMAN, B. M. / LEWIS, E. E.	TANSAO, 14, 848-849	71-10-00	COMPARATIVE STUDY OF HETEROGENEITY TREATMENTS FOR ZRP PLATE CELLS.

ZORZOLI, G. B.

1871	ACCINNI, F. / PALAZZI, F. / ZORZOLI, G. B.	CISE-R-100	64-02-00	PRELIMINARY REPORT ON URANIUM METAL TUBE CLUSTER-HEAVY WATER LATTICE MEASUREMENTS. TOPICAL REPORT NO. 2.
1876	BONALUMI, R. / ZORZOLI, G. B.	CISE-R-101	64-09-00	URANIUM METAL-HEAVY WATER LATTICES- A GENERAL SURVEY. TOPICAL REPORT NO. 3.

ZVONOV, N. V.

865	ALEKSENKO, U. N. / BUINITSKAYA, V. I. / ZASLAVSKII, V. V. / ZVONOV, N. V. / ET AL	AECL-2330, 218-232	64-00-00	CRITICAL EXPERIMENTS WITH THE ORGANIC COOLANTS MONO-ISOPROPYLDIPHENYL AND GAS OIL
-----	--	--------------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

ZWETZIG, G. B.

2042	ZWETZIG, G. B. / BELLER, L. S. / FIELD, H. C. / MOUNTFORD, L. A. / TUTTLE, R. J.	TANSAO, 02, 2, 085- 086	59-11-00	INITIAL EXPERIMENTS WITH THE ORGANIC- MODERATED REACTOR CRITICAL ASSEMBLY
------	---	----------------------------	----------	--

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

INDEX OF CONCORDED TERMS

A

ABAGYAN, A. A. 541
ABAGYAN, L. P. 541
ABBAY, F. 541
ABORIN, YU. S. 541
ABSALOM, R. M. 541
ACCINNI, F. 542
ACKERS, J. G. 542
ADAMSKI, L. 542
ADAMSON, J. 542
ADERHOLD, H. C. 542
ALBERTSON, D. G. 542
ALEKSENKO, U. N. 542
ALINE, P. G. 542
ALLEN, D. F. 543
ALLRED, J. C. 543
ALMENAS, K. K. 543
ALVAREZ, D. L. 543
AMUNDSON, P. I. 543
ANCARANI, A. 544
ANDERSEN, E. 544
ANDERSON, JOHN L. 544
ANDERSON, R. C. 544
ANDERSSON, T. L. 544
ANDREWS, D. G. 544
ANDREWS, J. C. 544
ANTUNEZ, H. M. 545
ARCHIBALD, R. 545
ARMANI, R. J. 545
ARMSTRONG, J. W. 545
ARNOLD, H. 545
ARNOLD, M. J. 545
ARNOLD, W. H. 545
ARONSON, A. L. 546
ARTHUR, M. G. 546
ARTUKHOB, G. YA. 546
ASAOKA, R. 546
ASPELUND, O. 546
ATKINSON, H. 546

B

BACH, D. R. 546
BACHER, P. 547
BACHMANN, H. 547
BAIRD, Q. L. 547
BAKER, A. R. 547
BAKER, C. P. 548
BALDWIN, M. N. 548
BALL, C. J. 548
BALL, R. M. 548
BALLOWE, W. C. 548
BANNERMAN, R. C. 549
BARBRY, F. 549
BARDES, R. G. 549
BARKSDALE, C. E. 549
BARLEON, L. 549
BARRE, J. Y. 549
BARRY, R. F. 549
BARTON, D. M. 550
BASSELIER, J. 550
BATCH, M. L. 550
BATESON, W. O. 550
BATTAT, M. E. 550
BAUMANN, N. P. 550
BAXTER, A. 551
BAYARD, R. T. 551
BAYER, A. 551

BAZAZYANTS, N. O. 551
BEALL, S. E. 551
BECK, C. K. 551
BECK, C. L. 551
BECKER, R. A. 551
BEIDELMAN, J. A. 552
BELL, C. L. 552
BELLER, L. S. 552
BENDT, P. J. 552
BENGSTON, J. 552
BENJAMIN, P. W. 552
BENNETT, E. F. 552
BENNETT, R. A. 552
BENOIST, P. 553
BENSON, G. M. 553
BENTON, F. D. 553
BENZ, V. 553
BERBERET, J. A. 554
BERG, S. S. 554
BERGMANN, W. H. 554
BERLIJN, J. H. 554
BERNARD, W. 554
BERTRAND, J. 554
BEST, G. H. 554
BEVAN, G. 555
BEYER, F. C. 555
BICKEL, W. 555
BIDINGER, G. H. 555
BIERMAN, S. R. 555
BIGHAM, C. B. 558
BIGIL, J. C. 558
BINGMAN, B. M. 558
BISTLINE, J. A. 558
BITELLI, G. 558
BJOREUS, L. 558
BLAINE, R. 559
BLOCK, E. Z. 559
BLOKHIN, G. E. 559
BLOKHINTSEV, D. I. 559
BLOMSJO, E. 559
BLOSER, M. 559
BLY, F. T. 559
BLYUMKINA, YU. A. 560
BOEHNEL, K. 560
BOHL, L. S. 560
BOHME, E. R. 560
BOHME, R. 560
BOHN, E. M. 560
BOLSHAKOV, V. A. 560
BONALUMI, R. 561
BONDARENKO, I. I. 561
BONNAURE, P. 561
BORGWALDT, H. 561
BOSS, M. R. 561
BOST, WILLIAM E. 561
BOULY, J. C. 561
BOUREGEOIS, P. 562
BOYER, J. P. 562
BOYNTON, A. R. 562
BRANCH, G. 562
BREAZEALE, W. M. 562
BRETON, D. 562
BRIGGS, R. B. 562
BRITTLIFF, E. 562
BROEDERS, C. H. M. 563
BROLLEY, J. E. 563
BROOMFIELD, A. M. 563
BROWN, C. L. 563

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

BROWN, J. R. 564
BROWN, P. S. 564
BROWN, W. K. 564
BROWN, W. W. 565
BRUCKNER, C. 565
BRUHN, G. 565
BRUNA, J. G. 565
BRUNET, J. P. 565
BRUNFELTER, B. 566
BRUNSON, G. S. 566
BRYAN, R. H. 566
BUINITSKAYA, V. I. 566
BUKOWSKI, K. 567
BUNCH, S. I. 567
BURKART, K. 567
BURKE, J. 567
BUSSELMAN, G. J. 567
BUSTRAAN, M. 567
BUTLER, D. K. 567
BYERLEY, F. J. 568
BYERS, C. C. 568

C

CAIZERGUES, R. 568
CALLEN, R. C. 569
CALLIHAN, A. D. 569
CAMPBELL, R. W. 570
CARMICHAEL, B. M. 570
CAROTHERS, J. E. 570
CARPENTER, S. G. 571
CARTER, C. 571
CARTER, D. H. 571
CARTER, L. L. 571
CARTER, R. E. 571
CASINI, G. 571
CAUMETTE, P. 571
CECCHI, P. F. 572
CERBONE, R. J. 572
CERUTTI, B. C. 572
CHABRILLAC, M. 572
CHALMERS, J. H. 572
CHANDRAMOLESHWAR, K. 572
CHARBONNEAU, S. 573
CHASTAIN, J. W. 573
CHERNICK, J. 573
CHEZEM, C. G. 573
CHITWOOD, R. A. 573
CHOW, R. H. 573
CHRISTIE, E. R. 573
CHURCHILL, S. W. 574
CHYENOV, L. A. 574
CLAIR, C. 574
CLARK, D. D. 574
CLARK, H. E. 574
CLARK, H. K. 574
CLARK, R. H. 575
CLARKE, W. G. 575
CLAYTON, E. D. 575
CLEARY, J. D. 580
CLOUET D'ORVAL, C. 580
COATES, M. S. 581
COEHOORN, J. 581
COHEN, E. R. 581
COHEN, S. C. 581
COHN, C. E. 582
COLE, A. G. 582
COLOMB, G. 582
COMTE, C. 582
CONANT, J. 582
CONEYBEAR, J. F. 582
CONNOLLY, W. C. 583
COONFIELD, D. C. 583
COOPER, C. G. 583
COOPER, K. V. 583

CORPEL, J. 583
COURT, A. J. 583
COWAN, C. L. 583
CRAMER, S. N. 583
CREMER, C. C. 584
CRICK, S. C. 584
CRITOPH, E. 584
CROCKER, V. S. 584
CRONIN, D. F. 584
CROSBIE, K. L. 585
CROSS, N. F. 585
CRUDELE, J. S. 585
CRUME, E. C. 585
CUNNINGHAM, J. E. 585
CUPINI, E. 585
CURRIE, R. L. 586

D

DABROWSKI, C. 586
DAGHLIAN, H. K. 586
DANCE, K. D. 586
DANNELS, R. 587
D'ARDENNE, W. H. 586
DATES, L. R. 587
DAUGHTRY, J. W. 587
DAUNERT, U. 587
DAVENPORT, D. E. 587
DAVENPORT, L. C. 587
DAVEY, W. G. 587
DAVIS, E. C. 588
DAVIS, M. V. 588
DAVISON, P. W. 588
DE COULON, G. A. G. 589
DE MATTEIS, A. 589
DE MAZANCOURT, R. 589
DE MEULEMEESTER, F. M. 589
DE MILLE, G. R. 589
DE VILLIERS, J. W. L. 589
DE WAECH, F. 589
DEBRUE, J. 589
DECHAND, C. O. 590
DECK, R. M. 590
DEILGAT, E. 590
DEL RUE, R. 591
DENIZ, V. 591
DERAMAIX, P. 591
DEROCHE, E. J. 591
DEROMIX, P. 591
DERYAGIN, B. I. 591
DICKINSON, D. 591
DINGEE, D. A. 592
DODERLEIN, J. 592
DOERNER, R. C. 592
DOMINEY, J. R. 593
DONAHUE, D. J. 593
DONALDSON, R. E. 593
D'OULTREMONT, P. 586
DOWNES, K. 593
DOYAS, R. J. 594
DRAKE, M. K. 594
DRUEKE, V. 594
DUBOVSKII, B. G. 594
DUBOVSKY, B. G. 594
DUERDEN, P. 595
DUFFEY, D. 595
DUNN, R. E. 595
DURAND-SMET, R. 595
DURET, M. F. 595
DURST, B. M. 595
DURSTON, C. 596
DWIVEDI, S. R. 596
DYER, H. R. 596
DYSON, J. A. 596

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

E

EDELMAAN, M. 596
EGEN, R. A. 596
EGGEN, D. T. 596
EGGLER, C. 597
EHRlich, R. 597
EICH, W. J. 597
EISEMANN, E. 597
ENDLER, A. 597
ENDRES, G. W. R. 597
ENGELDER, T. C. 597
ENGELMANN, P. 598
ENGESSER, F. C. 598
ENGSTROM, S. L. 598
ERKMAN, J. O. 598
ERNST, B. B. 598
ESTES, B. F. 599
ET AL 599

F

FAIRBURN, G. T. 599
FARRARR, J. P. 600
FEHR, E. B. 600
FEIN, E. 600
FEINER, F. 600
FELD, B. T. 600
FERMI, E. 601
FIEG, G. 601
FIEGEL, A. 601
FIELD, H. C. 601
FIENO, D. 601
FIKE, H. R. 601
FILGES, S. 601
FILLMORE, F. L. 602
FINKE, R. G. 602
FINN, H. F. 602
FISCHER, E. A. 602
FISCHER, G. J. 602
FISCHER, P. U. 603
FLEISCHMAN, R. M. 603
FOELL, W. K. 603
FORD, C. H. 603
FORD, W. E. 603
FORRESTER, R. J. 603
FOSSOUL, E. 603
FOX, J. K. 604
FOX, P. B. 605
FOX, R. H. 605
FOX, T. A. 605
FRANTZ, F. S. 606
FRIEDLANDER, G. 606
FRISCH, O. 606
FROELICH, R. 606
FURNEAUX, D. 606
FURNISH, JEAN 606

G

GALLAGHER, J. G. 607
GARDNER, L. L. 607
GARG, S. B. 607
GARLID, K. L. 607
GASIDLO, J. M. 607
GAST, P. F. 608
GAVIN, G. B. 608
GAYLORD, N. D. 608
GAYTHER, D. B. 608
GEER, W. U. 609
GELBARD, E. M. 609
GEMMELL, W. 609
GIBSON, I. H. 609
GIESLER, H. W. 609
GILBERT, W. S. 609
GILLESPIE, R. D. 610

GILLETTE, E. M. 610
GILLEY, L. W. 610
GIROUSSE, A. 611
GLAZKOV, Y. Y. 611
GOIN, R. W. 611
GOLD, R. 611
GOLDBERG, E. 611
GOLDSMITH, M. 611
GOLOOBYEV, V. I. 612
GONCHOROV, R. K. 612
GOODE, P. D. 612
GOODFELLOW, H. 612
GOODJOHN, A. J. 612
GOODWIN, A. 612
GOURDON, CH. 613
GOURDON, J. 613
GOZANI, T. 613
GRAMMENS, G. 613
GRANYAN, C. E. 613
GRAVES, G. A. 613
GRAVES, W. E. 613
GRAY, A. W. 614
GREEBLER, P. 614
GREEN, R. E. 614
GREENSPAN, H. 614
GREULING, E. 614
GRIFONI, S. 614
GROB, V. E. 615
GRUNDL, J. 615
GRUNSON, G. S. 615
GUDERJAHN, C. A. 615
GUENTHER, R. L. 615
GURIN, V. N. 615
GUZZLE, T. L. 616
GWIN, R. 616
GYOREY, G. L. 616

H

HAAKE, E. V. 616
HABERMANN, F. W. A. 616
HAGGBLOM, H. 616
HALL, R. J. 617
HALLAM, J. W. 617
HANDLER, H. E. 617
HANDLEY, G. R. 617
HANLEN, D. F. 617
HANNA, G. C. 617
HANSEN, G. E. 618
HANSEN, L. E. 618
HAPPER, I. 619
HARDIE, R. W. 619
HARDY, J. 620
HARNESS, V. G. 620
HARPER, R. G. 620
HARRIS, D. R. 620
HARRISON, J. R. 620
HART, F. F. 620
HARTFIELD, R. A. 620
HARTLEY, W. H. 620
HARTMAN, A. K. 621
HAUBERT, N. 621
HAUSKNECT, D. F. 621
HEEB, C. M. 621
HEINDLER, M. 621
HEINEMAN, R. E. 621
HELLENS, R. L. 621
HELLSTRAND, E. 622
HELM, F. 622
HELMICK, H. H. 622
HENDERSON, W. B. 622
HENNELLY, E. J. 623
HENRY, H. F. 623
HENRY, K. M. 623
HERMANN, O. W. 623

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

HESS, A. L. 623
HESS, G. M. 624
HEYBOER, R. J. 624
HICKS, E. E. 624
HILLIG, O. R. 624
HINES, K. C. 624
HINKELMANN, B. 625
HINTON, J. C. 625
HINTON, R. J. 625
HIRAKAWA, N. 625
HIRAOKA, T. 625
HIRONS, THOMAS J. 625
HIROTA, J. 625
HOFMANN, P. L. 625
HOGAN, W. S. 626
HOLLOWAY, M. G. 626
HOLMES, J. H. 626
HONE, D. W. 626
HONELLE, M. 626
HOOGTERP, J. C. 626
HOOKER, H. H. 627
HOPPER, C. M. 627
HORST, K. M. 627
HORTON, C. C. 627
HOUELLE, M. 627
HOVATTER, K. R. 628
HOWARD, J. E. 628
HOWE, W. D. 628
HUBER, R. J. 628
HUDDLESTON, C. M. 628
HUMMEL, H. H. 628
HUNT, C. 629
HUNT, D. C. 629
HUNTER, J. A. 629
HUNTER, R. E. 629
HURLEY, T. J. 629
HURWITZ, H. 630
HUTCHINS, B. A. 630
HUTTER, E. 630
HYLAND, R. E. 630

I

IIJIMA, T. 630
IIZUMI, M. 631
INGRAM, G. 631
INOUE, K. 631
INYUTIN, E. I. 631
IRVING, D. C. 632
ISHIGURO, Y. 632
ISKENDERIAN, H. 632
ITHURRALDE, M. F. 632
IVANOV, S. P. 632

J

JANKOWSKI, F. J. 632
JARRIEL, J. L. 632
JARVIS, G. A. 633
JAWOROWSKI, T. R. 633
JENKINS, J. D. 633
JENNINGS, B. 633
JENQUIN, U. P. 633
JOANOU, G. D. 633
JOHNSON, E. B. 634
JOHNSON, K. M. 635
JOHNSON, P. G. 635
JOHNSON, R. D. 635
JOHNSON, T. W. 635
JOHNSON, W. R. 635
JOHNSTON, H. F. 635
JONES, A. F. 635
JONES, B. L. 636
JONES, H. 636
JONES, L. L. 636

JONES, R. T. 636
JORDAN, W. H. 636
JOSEPHSON, V. 636
JOSHI, B. V. 636
JOURDAN, G. 636
JOWITT, D. 637
JOZEFOWICZ, EDWARD T. 637
JULIANO, J. 637
JULIANO, J. O. 637

K

KAISER, R. E. 637
KALLFELZ, J. M. 637
KAMAEV, A. V. 638
KANEKO, Y. 638
KANTORCZYK, P. A. 638
KAPLAN, I. 638
KARAM, R. A. 638
KATO, W. Y. 639
KATSURAGI, S. 640
KAUFMANN, S. G. 640
KAY, R. E. 640
KAZACHKOVSKII, O. D. 640
KEENEY, W. P. 641
KELBER, C. N. 641
KELLER, N. A. 641
KELLEY, F. L. 641
KERST, D. W. 642
KESSLER, G. 642
KIDMAN, R. B. 642
KIEFHABER, E. 642
KIEHN, R. M. 642
KIER, P. H. 642
KIM, J. M. 642
KINARD, F. E. 642
KING, D. T. 642
KING, H. W. 643
KING, L. D. P. 643
KINNEY, W. E. 643
KIRCH, N. 643
KIRN, F. S. 643
KIRSCHBAUM, A. J. 643
KISTNER, G. 644
KIYOSE, R. 644
KLANN, P. G. 644
KLEIN, D. 644
KLENOV, G. I. 644
KLINGENSMITH, R. W. 644
KLIPPEL, H. TH. 644
KLOVERSTROM, F. A. 645
KLYUYEV, L. M. 645
KNAPP, W. G. 646
KNIGHT, J. R. 646
KOBAYASHI, S. 646
KOCH, L. J. 646
KOCHERGIN, V. P. 646
KOCKUM, J. 646
KOECHLIN, J. C. 647
KOELLING, J. J. 647
KOINUMA, R. 647
KOLAR, O. C. 647
KOMATA, M. 647
KOMOTO, T. T. 647
KONZEK, G. J. 648
KOENYETSOB, V. A. 648
KOONTZ, P. G. 648
KOSANKE, H. D. 648
KOUTS, H. 648
KRAFT, D. E. 648
KRASIK, S. 649
KRASIN, A. K. 649
KRASNIN, A. K. 649
KREMSER, J. 649
KRIEG, B. 650

III BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

M

KRINGS, F. J. 650
KROEGER, H. R. 650
KROHN, V. E. 650
KRUESI, F. E. 650
KRYUKOV, A. P. 650
KUBMAUL, G. 650
KUCERA, D. 651
KUCHLE, M. 651
KUESTERS, H. 651
KUHN, D. 651
KULEVA, R. V. 651
KUNZE, J. F. 651
KUROI, H. 652
KUSSMAUL, G. 652
KUSTERS, H. 652
KUTCHER, J. W. 652
KUZNETSOV, F. M. 652

L

LABAUVE, R. J. 653
LACAPELLE, T. 653
LACEY, P. G. 653
LACOGSTRY, B. 653
LAMOTTE, H. 653
LANE, R. C. 653
LANG, P. K. H. 654
LANNING, D. D. 654
LANTSOV, M. N. 654
LARSEN, R. P. 654
LATHAM, D. W. 655
LATHROP, K. 655
LAUBENSTEIN, R. A. 655
LAUBY, J. H. 655
LEAMER, R. D. 655
LECLERC, J. 655
LECORCHE, P. 656
LEDANOIS, G. 656
LEENDERS, L. 656
LEHTO, W. K. 656
LENNOX, D. H. 656
LERIDON, A. M. 657
LESAGE, L. G. 657
LESLIE, J. K. 657
LEVINE, S. H. 657
LEVINGER, J. S. 657
LEWIS, E. E. 657
LEWIS, R. A. 658
LEWIS, R. H. 658
LICHTENBERGER, H. V. 658
LIKALA, R. C. 658
LILLEY, J. R. 658
LINENBERGER, G. A. 659
LINGENFELTER, R. E. 659
LITTLE, W. W. 659
LLOYD, R. C. 659
LOCKEY, D. J. 663
LOEWENSTEIN, W. B. 663
LOEWENSTEIN, W. G. 664
LOFTHOUSE, J. H. 664
LOMAKIN, S. S. 664
LOMBARD, C. 664
LONDEN, S. O. 664
LONG, J. J. 664
LONG, J. K. 665
LOOMIS, M. F. 666
LOURME, P. 666
LOVOFF, A. 666
LOWRY, L. L. 666
LU, Y. S. 666
LUCKOW, W. K. 666
LUDEWIG, H. 666
LUIDINGA, F. 666
LYEPOONSKI, A. I. 667
LYNN, J. J. 667

MAAS, L. L. 667
MACBEAN, I. J. 667
MACK, R. J. 667
MACKINNEY, A. L. 667
MACKLIN, R. L. 667
MADDISON, D. W. 668
MAGNUSON, D. W. 668
MAHALINGAM, L. M. 669
MAIENSCHIEIN, F. C. 669
MAIN, G. W. 669
MALEWSKI, S. 669
MALLARY, E. C. 669
MANGIN, D. 669
MANN, M. M. 670
MANSFIELD, W. K. 670
MANSUR, L. 670
MAR, B. W. 670
MARABLE, J. H. 670
MARKELOV, I. P. 670
MARSHALL, J. 670
MARSHALL, J. E. 671
MARTELLY, J. 671
MARTENS, F. H. 671
MARTIN, A. B. 671
MARTINELLI, R. 672
MASSON, L. S. 672
MASTERSON, R. H. 672
MATLOCK, R. G. 672
MATSUBARA, TAKEO 672
MATTHEWS, R. G. 672
MAUBERT, L. 672
MAUNDERS, E. J. 672
MAYER, M. S. 673
MAYO, WENDELL 673
MC COOL, W. J. 673
MC CRELESS, T. G. 673
MC CULLEN, J. D. 673
MC CULLOCH, D. B. 673
MC ENHILL, J. J. 673
MC FARLAND, C. E. 673
MC FARLANE, H. F. 674
MC GRATH, P. E. 674
MC KNIGHT, R. D. 674
MC LONDON, J. D. 674
MC MAHON, J. P. 674
MC NEANY, S. R. 674
MC TAGGART, M. H. 674
MC VEAN, R. L. 675
MEE, W. T. 675
MEEM, J. L. 675
MEHTA, S. L. 675
MEISTER, H. 676
MENDELSON, M. R. 676
MENEGHETTI, D. 676
METCALF, D. R. 676
METZDORF, H. J. 677
METZENROTH, M. 677
MEWISSEN, L. 677
MEYER-HEINE, A. 677
MIHALCZO, J. T. 677
MILANI, S. 680
MILEY, G. H. 680
MILLER, B. 680
MILLS, A. M. 680
MILLS, C. B. 680
MIRR, C. H. 680
MITAKE, S. 681
MITZEL, F. 681
MIYAWAKI, Y. 681
MOGILNYER, A. I. 681
MOLBERT, M. 681
MONSON, H. O. 681

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

MOONEYHAM, A. O. 681
MOORE, R. A. 681
MOREAU, J. 682
MORELAND, P. E. 682
MORET BAILLY, J. 682
MOREWITZ, H. A. 682
MORFITT, J. W. 683
MOROSOV, I. G. 683
MORRIS, F. M. 683
MORTON, J. R. 683
MOSS, L. I. 684
MOTTE, F. 684
MOUNTFORD, L. A. 684
MOWERY, A. L. 685
MUELLER, R. A. 685
MUELLER, R. E. 685
MUKOYAMA, TAKESHI 685
MUMMERY, P. W. 685
MURRAY, R. L. 685
MYATT, G. 685
MYHRE, C. 686

N

NAKAMURA, T. 686
NAKANO, M. 686
NASEBAND, F. J. 686
NAUDET, R. 686
NEEF, R. D. 686
NEELEY, V. I. 686
NEILL, J. M. 687
NELSON, J. V. 687
NESTOR, C. W. 687
NEUER, J. J. 687
NEUHOLD, R. J. 687
NEWBY, G. A. 688
NEWHOLD, R. J. 688
NEWLON, C. E. 688
NEWMAN, D. F. 688
NEWMARK, B. 688
NGUYEN-NGOC, H. 688
NICHOLSON, R. B. 688
NICKEL, A. N. 688
NIELSEN, L. A. 688
NIJS, W. W. 688
NIKOLAYEV, M. N. 689
NIMS, J. B. 689
NIRSCHL, R. J. 689
NISHIMURA, K. 689
NOAKS, J. W. 689
NOBLE, L. D. 689
NOMOTO, S. 689
NONE 690
NOORDHOFF, B. H. 690
NORRIS, R. J. 690
NOZAWA, M. 690
NUYSKEN, M. 691

O

OAKS, W. C. 691
O'DELL, L. D. 691
OH, I. 691
OKAZAKI, A. 692
OKRENT, D. 692
OLCOTT, R. N. 692
OLDS, A. E. 692
OLSON, A. P. 692
OLSON, R. L. 692
O'NEILL, G. F. 691
ORESTANO, F. V. 693
ORLOV, M. U. 693
ORLOV, V. V. 693
ORNDORFF, J. D. 693
ORR, W. L. 693

OSBORN, L. C. 694
OTTER, J. M. 694
OTTEWITTE, E. H. 694

P

PAGE, E. M. 694
PAIK, N. C. 694
PAILLON, M. 694
PAINE, R. W. 695
PALAMARCHUK, YU. D. 695
PALAZZI, F. 695
PALMEDO, P. F. 695
PALMER, R. G. 695
PANISZCZYN, J. B. 695
PARKER, A. V. 695
PARKER, C. 695
PARKINSON, T. F. 696
PARKS, P. B. 696
PASCHALL, R. K. 696
PASSELL, L. 696
PATERSON, W. J. 696
PATTENDEN, S. K. 696
PATTERSON, C. R. 697
PAUL, N. 697
PAXTON, H. C. 697
PEARCE, R. M. 699
PEARSON, H. 699
PEASE, L. 699
PECORA, D. 699
PEDRETTI, E. 699
PEFLEY, G. V. 699
PELLARIN, D. J. 699
PENA, B. 699
PENDLEBURY, E. D. 700
PENNINGTON, E. M. 700
PERKINS, O. J. E. 700
PERSIANI, P. J. 700
PERSSON, R. 700
PETERSEN, G. T. 700
PETERSON, R. E. 700
PETROV, V. N. 701
PETRUZZI, J. 701
PETTUS, W. G. 701
PFLASTERER, G. R. 701
PHELPS, J. 701
PHILBIN, J. S. 702
PHILLIPS, K. E. 702
PIERCE, G. A. 702
PILATE, S. 702
PINCOCK, G. D. 702
PIOWATY, J. M. 703
PITTERLE, T. A. 703
PLASSMANN, E. A. 703
PLUMLEE, K. E. 703
PLUMMER, J. P. 704
PODEWELTZ, C. M. 704
POENITZ, W. P. 704
POLLARD, J. W. 704
POLYAKOV, A. A. 704
POND, J. A. 705
POND, R. B. 705
PONOMAREV-STEPNOI, N. N. 705
POPE, A. L. 705
POPEK, R. J. 705
POPOV, G. A. 705
POPOVIC, D. 706
POUND, D. C. 706
POWELL, R. R. 706
POWELL, T. J. 706
PRESKIT, C. A. 706
PRESSEY, F. W. 706
PREVOST, I. 706
PRICE, G. 706
PRICE, G. A. 707

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

PROFIO, A. E. 707
PROKHOROV, U. A. 707
PRUVOST, N. L. 707
PUECHL, K. H. 708
PUGH, J. 708

Q

QUILICI, R. E. 708

R

RADKOWSKY, A. 708
RAFFETY, S. J. 708
RALSTON, H. R. 709
RAMP, R. L. 709
RANDALL, R. L. 709
RAVIER, J. 709
RAY, J. W. 709
REARDON, W. A. 709
REDKIN, A. F. 710
REDMAN, W. C. 710
REEDY, R. K. 710
REGIMBAL, J. J. 710
REVOL, H. 710
REYENGA, A. J. 710
REYNOLDS, A. B. 711
REYNOLDS, H. L. 711
RICE, R. E. 711
RICHEY, C. R. 711
RICHMOND, R. 713
RINGO, G. R. 713
RISLEY, G. G. 713
RITZ, H. 713
ROACH, K. E. 713
ROBERTS, D. M. 713
ROBIN, C. 713
ROBINSON, R. 713
ROBINSON, R. A. 713
ROBINSON, W. R. 714
ROGERS, C. A. 714
ROGERS, V. C. 714
ROGERS, W. B. 714
ROHRER, E. R. 714
ROMESBURG, H. C. 714
ROSENTHAL, H. B. 715
ROSENZWEIG, N. 715
ROTHER, R. E. 715
ROY, D. H. 716
RUECKERT, N. T. 716
RUKHLO, V. P. 716
RUSCH, G. K. 716
RUSH, J. H. 717
RUSSELL, J. L. 717
RUTLEDGE, G. P. 717
RYAN, T. M. 717
RYDIN, R. A. 717

S

SAGOT, M. 717
SAHAI, K. 717
SALESSE, H. 718
SALMON, A. J. 718
SALVATOIRES, M. 718
SAMPSON, J. B. 718
SANDERS, J. E. 718
SANTANDREA, E. 718
SARGIS, D. A. 719
SARMA, B. 719
SATTERFIELD, R. M. 719
SAUVE, A. 719
SCHALETTAR, R. 719
SCHENTER, R. E. 719
SCHLESINGER, G. 719

SCHMID, L. C. 719
SCHMIDT, J. J. 720
SCHMITT, P. 720
SCHRADER, E. W. 720
SCHREIBER, R. E. 720
SCHRODER, R. 720
SCHROETER, K. E. 721
SCHULTZ, R. A. 721
SCHUSKE, C. L. 721
SCHWAGER, J. E. 722
SCOTT, D. 723
SCOTT, RAYMOND L. 723
SEEMANN, K. W. 723
SEGAL, B. M. 723
SEHGAL, B. R. 723
SEIFRITZ, W. 723
SENCHENKOV, A. P. 723
SERDULA, K. J. 724
SEUFERT, H. 724
SHANKAR SINGH, R. 724
SHAPIRO, J. L. 724
SHARP, R. 724
SHAW, R. A. 724
SHEETS, W. R. 724
SHER, R. 725
SHON, F. J. 725
SHUKLA, V. K. 725
SIDOROV, G. I. 725
SIEP, I. 725
SIMMONS, B. E. 725
SIMON, G. G. 726
SIMONS, G. G. 726
SIMS, F. L. 726
SKEEN, C. H. 726
SKEEN, D. R. 726
SKOLNIK, W. 726
SLOTIN, S. L. 726
SMALL, V. G. 727
SMIRNOV, O. N. 727
SMITH, A. B. 727
SMITH, D. F. 727
SMITH, D. R. 727
SMITH, J. C. 728
SMITH, K. R. E. 728
SMITH, M. F. 728
SMITH, R. B. 728
SMITH, R. D. 729
SMITH, R. I. 729
SMOTREL, J. R. 729
SNELL, A. H. 729
SNIDOW, N. L. 729
SNYDER, T. M. 730
SOLLIER, G. 730
SPANIO, A. H. 730
SPECHT, E. R. 730
SPENCER, R. M. 730
SPERLING, M. 730
SPINRAD, B. I. 730
SPRINGER, T. H. 731
SRIKANTIAH, G. 731
STACEY, W. M. 731
STANFORD, G. S. 731
STAUB, A. 731
STEGEMANN, D. 731
STEIN, E. 732
STEIN, S. 732
STEINKE, R. G. 732
STEKLOVSKIE, V. M. 732
STENSTROM, D. G. 732
STERN, M. E. 732
STERNBERG, H. I. 732
STEVENS, L. 733
STEVENSON, J. M. 733
STEWART, C. B. 733
STEWART, H. B. 733

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

STEWART, K. B. 734
STEWART, L. 734
STEWART, R. B. 734
STEWART, S. L. 734
STIEVENART, M. 734
STINSON, W. P. 734
STONE, S. P. 735
STORM, M. L. 735
STOVER, R. L. 735
STRATTON, W. R. 735
STRAWBRIDGE, L. E. 735
STROWINGER, D. 735
SUMITA, K. 735
SVIRIDENKO, V. J. 735
SWANSON C. D. 736
SWANSON, C. S. 736
SYMONS, C. R. 736

T

TACHON, J. 736
TADA, HIROMITSU 736
TAKAHASHI, H. 736
TAKEDA, E. 736
TANGUY, P. 737
TANNER, C. J. 737
TAS, A. 737
TATTERSALL, R. B. 737
TAYLOR, E. G. 737
TELLIER, H. 737
TESTE DU BAILLER, A. 737
THALGOTT, F. W. 737
THIE, J. A. 738
THIELE, A. W. 738
THIEM, D. 738
THOMAS, A. F. 738
THOMAS, J. T. 738
THOMAS, W. 740
THOMPSON, M. W. 740
THOMPSON, T. J. 740
THORNTON, G. 740
TILL, C. E. 740
TIREN, L. I. 740
TOAL, R. L. 741
TOBIN, J. P. 741
TOFFER, H. 741
TOPPEL, B. J. 741
TRAVELLI, A. 741
TRAYLOR, R. C. 741
TRETIAKOFF, O. 741
TRIMBLE, G. D. 742
TRIPLETT, J. R. 742
TRIPP, D. J. 742
TROFIMOV, A. P. 742
TRUNBEY, D. K. 742
TSUJI, YOSHIO. 742
TSURIKOV, V. F. 742
TUCK, G. 742
TUNNELL, W. C. 743
TUNNEY, W. J. 743
TUNNICLIFFE, P. R. 744
TURNBULL, K. R. 744
TURNER, J. E. 744
TURNER, W. 744
TUTTLE, R. J. 744

U

ULLO, J. J. 744
UOTINEN, V. O. 744
UROVA, L. N. 745
USNER, A. 745

V

VAN DEN BROECK, H. 745
VAN DEYCK, D. 745
VAN VELZE, P. L. 745
VANNOY, W. M. 745
VAUTREY, L. 745
VAVILOV, V. V. 746
VENDRYES, C. 746
VERNON, A. R. 746
VERRIERE, P. 746
VIDAL, R. 746
VISNER, S. 747
VLADYKOV, G. M. 747
VOLLMER, R. H. 747
VOLPE, J. J. 747
VONDY, D. 747
VOORHIS, A. D. 747
VOSBURGH, R. O. 747
VUKMIR, A. 748

W

WACHSPRESS, E. 748
WAGNER, K. 748
WAGNER, R. G. 748
WALFORD, J. G. 748
WALKER, G. 748
WALKER, J. 748
WALL, G. P. 749
WALL, I. B. 749
WALSH, V. 749
WALSH, W. P. 749
WALTER, C. E. 749
WALZE, H. 749
WANNER, G. 749
WARZEK, F. G. 750
WATARUMI, C. 750
WATTECAMPS, E. 750
WEALE, J. W. 750
WEBSTER, C. C. 750
WEBSTER, J. W. 750
WEINBERG, A. M. 751
WEINBERG, D. I. 751
WEINSTEIN, S. 751
WEINSTOCK, E. V. 751
WEIRICH, T. F. 751
WEISS, S. H. 751
WEITZBERG, A. 752
WELLS, C. M. 752
WELLS, I. 752
WELSHANS, L. M. 752
WERLE, H. 752
WESTFALL, R. M. 752
WHEELER, R. C. 752
WHITE, C. 753
WHITE, J. D. 753
WHITE, J. R. 753
WHITE, J. W. C. 753
WHITE, R. H. 753
WHITESIDES, G. E. 754
WIKNER, N. F. 754
WILKINSON, R. 754
WILLIAMS, D. V. P. 754
WILLIAMS, L. D. 754
WILLIAMS, P. M. 754
WIMETT, T. F. 755
WIMMER, R. E. 755
WINDSOR, H. 755
WINGFIELD, E. C. 756
WINTZER, D. 756
WITTEK, G. 756
WITTKOPF, W. A. 756
WOLFE, W. B. 756
WOOD, D. E. 756
WOOD, D. P. 757
WOOD, P. M. 757

LLL BIBLIOGRAPHY OF CRITICAL EXPERIMENTS
AUTHOR CONCORDANCE

(The numbers following each author refer to pages in this report)

WOOD, R. E. 757
WOODCOCK, E. R. 757
WOODRUFF, G. L. 757
WOODWARD, L. L. 758
WORDEN, J. R. 758
WORTON, D. R. 758
WRIGHT, W. B. 758

X

Y

YAMAMOTO, M. 758
YOUNG, D. S. 758
YOUNG, H. P. 758

YOUNG, J. C. 759
YOUNG, W. R. 759
YUROVA, L. N. 759

Z

ZAIMOVSKII, A. S. 759
ZALESKI, C. P. 759
ZASLAVSKII, V. V. 760
ZIJP, W. L. 760
ZIMMERMAN, E. L. 760
ZISSIS, G. J. 760
ZOLOTAR, B. A. 760
ZORZOLI, G. B. 760
ZVONOV, N. V. 760
ZWETZIG, G. B. 761