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DURING 1966

COMPILED BY
TECHNICAL INFORMATION SECTION

MARCH, 1967

BATTELLE-NORTHWEST

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INTRODUCTION

This report is one of an annual series and announces formal research and development reports and technical articles published during 1966 by Battelle-Northwest.

The reports (all bearing either HW- or BNWL- numbers) were issued in accordance with the AEC Standard Distribution Lists for Scientific and Technical Reports (AEC Documents TID-4500 and M-3679). The unclassified reports are generally available from the Clearinghouse for Federal Scientific and Technical Information, National Bureau of Standards, U. S. Department of Commerce, Springfield, Virginia. Classified reports are available, with proper literature access, from the Division of Technical Information Extension (DTIE), P. O. Box 1001, Oak Ridge, Tennessee.

The articles published in periodical literature and conference proceedings bear either a BNWL-SA or HW-SA number. An additional suffix A denotes publication of an abstract or summary rather than a complete manuscript. The bibliographic information for these articles includes the location and date of open literature publication.

The reports and articles are grouped by broad subject categories and arranged alphabetically by author within each category. An author index is also included. News releases have not been included in this compilation.

The first report in this series is BNWL-218.

BIOLOGY AND MEDICINE

ECOLOGY

LEAD-210 AND POLONIUM-210 IN ALASKAN BIOLOGICAL SAMPLES.

T. M. Beasley, H. E. Palmer. Science, v. 152, no. 3725,
May 20, 1966, p. 1062-1064, BNWL-SA-493.

MINERAL TRANSFERS IN A GREASEWOOD COMMUNITY AND ION UPTAKE BY GRASSES.

J. F. Cline, W. H. Rickard. Health Physics, v. 11, no. 12, 1965,
p. 1371-1374, BNWL-SA-157.

ACCUMULATION AND TRANSPORT OF RADIONUCLIDES BY COLUMBIA RIVER BIOTA.

C. E. Cushing, D. G. Watson. Proceedings of Symposium on the Disposal of Radioactive Wastes into Seas, Oceans, and Surface Waters, Vienna, Austria, May 16-20, 1966, p. 551-570, BNWL-SA-623.

CESIUM-137 BODY BURDENS IN ALASKAN ESKIMOS DURING THE SUMMER OF 1965.

W. C. Hanson. Science, v. 153, no. 3735, July 29, 1966, p. 525-526, BNWL-SA-611.

FALLOUT RADIONUCLIDES IN ALASKAN FOOD CHAINS.

W. C. Hanson. American Journal of Veterinary Research, v. 27, no. 116, January, 1966, p. 359-366, BNWL-SA-242.

IRON-55 IN THE MARINE ENVIRONMENT AND IN PEOPLE WHO CONSUME OCEAN FISH.

H. E. Palmer, T. M. Beasley, R. W. Perkins. Nature, v. 211, no. 5055, September 17, 1966, p. 1253-1254, BNWL-SA-480.

CESIUM-137 IN LITTER AND UNDERSTORY VEGETATION.

W. H. Rickard. Northwest Science, v. 40, no. 1, 1966, p. 25-30, BNSA-215.

THE LENGTH OF DEERMICE IN RELATION TO NATURAL VEGETATION BELTS IN SOUTHEASTERN WASHINGTON AND NORTHERN IDAHO.

W. H. Rickard, R. E. Nakatani. The Murrelet, v. 47, no. 2, May-August, 1966, p. 49-50, HW-SA-2470.

A PITFALL TRAPPING SURVEY OF DARKLING BEETLES IN DESERT STEPPE VEGETATION.

W. H. Rickard, L. E. Haverfield. Ecology, v. 46, no. 6, Autumn 1965, 3 p., HW-SA-3556.

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REMOVAL OF Pu-239, W-185, AND Pb-210 FROM SOILS.

D. O. Wilson, J. F. Cline. Nature, v. 209, no. 5026, February 26, 1966, p. 941-942, BNSA-128.

METABOLISM, TISSUE DISTRIBUTION, AND TOXICOLOGY

DISTRIBUTION AND EXCRETION OF TECHNETIUM IN HUMANS.

T. M. Beasley, H. E. Palmer, W. B. Nelp. Health Physics, v. 12, no. 10, September, 1966, p. 1425-1435, BNWL-SA-319.

NUTRITIONAL EXPERIENCE WITH SWINE AT BATTELLE-NORTHWEST.

V. G. Horstman, R. O. McClellan, L. K. Bustad. Proceedings of Symposium on Swine in Biomedical Research, July 19-21, 1965, p. 715-720, BNWL-SA-418.

NEPTUNIUM-237 TOXICITY IN THE RAT. I. HISTOPATHOLOGIC AND CHEMICAL OBSERVATIONS IN LIVER AND KIDNEY.

D. D. Mahlum, W. J. Clarke. Health Physics, v. 12, no. 1, 1966, p. 7-13, HW-SA-3886.

AGE RELATED CHANGES IN HEMATOLOGICAL AND SERUM BIOCHEMICAL PARAMETERS IN MINIATURE SWINE.

R. O. McClellan, G. S. Vogt, H. A. Ragan. Proceedings of Symposium on Swine in Biomedical Research, July 19-21, 1965, p. 597-610, BNWL-SA-341.

BIOLOGICAL RESPONSE OF RAINBOW TROUT (SALMO GAIRDNERI) INGESTING ZINC-65.

R. E. Nakatani. Proceedings of Symposium on the Disposal of Radioactive Wastes into Seas, Oceans, and Surface Waters, May 16-20, 1966, p. 809-824, BNWL-SA-626.

PUBLIC HEALTH ASPECTS OF CESIUM-137 IN RUMINANTS.

R. O. Shannon, R. O. McClellan, C. R. Watson, L. K. Bustad. Journal American Veterinary and Medical Association, v. 147, no. 12, December 15, 1965, p. 1488-1491, BNWL-SA-282 REV.

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SWINE IN BIOMEDICAL RESEARCH.

L. K. Bustad, R. O. McClellan. Bioscience, v. 16, no. 6, June, 1966, p. 418-419, BNWL-SA-316.

EARLY HISTORY AND OBJECTIVES OF MINIATURE SWINE DEVELOPMENT.

D. C. England. Proceedings of Symposium on Swine in Biomedical Research, July 19-21, 1965, p. 765-768.

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PHYSIOLOGICAL DATA TELEMETRY SYSTEM.

N. C. Hoitnik, N. S. Porter. July, 1966, 12 p., BNWL-214.

DEVELOPMENT OF HANFORD MINIATURE SWINE.

V. G. Horstman, L. K. Bustad, D. C. England. Proceedings of the Symposium on Swine in Biomedical Research, July 19-21, 1966, p. 769-774, BNWL-SA-434.

BATTELLE-NORTHWEST SWINE RESEARCH FACILITIES.

R. O. McClellan, V. G. Horstman, W. J. Clarke, L. K. Bustad. Proceedings of Symposium on Swine in Biomedical Research, July 19-21, 1965, p. 661-671, BNWL-SA-417.

PACIFIC NORTHWEST LABORATORY ANNUAL REPORT FOR 1965 IN THE PHYSICAL SCIENCES TO THE USAEC DIVISION OF BIOLOGY AND MEDICINE VOLUME 1: ATMOSPHERIC SCIENCES.

D. W. Pearce, J. K. Green, ED. May, 1966, 38 p., BNWL-235 1.

PACIFIC NORTHWEST LABORATORY ANNUAL REPORT FOR 1965 IN THE PHYSICAL SCIENCES TO THE USAEC DIVISION OF BIOLOGY AND MEDICINE VOLUME 3: EARTH SCIENCES.

D. W. Pearce, J. K. Green, ED. May, 1966, 75 p., BNWL-235 3.

PACIFIC NORTHWEST LABORATORY ANNUAL REPORT FOR 1965 IN THE PHYSICAL SCIENCES TO THE USAEC DIVISION OF BIOLOGY AND MEDICINE VOLUME 4: INSTRUMENTATION.

D. W. Pearce, J. K. Green, ED. May, 1966, 38 p., BNWL-235 4.

BIOLOGY SPECTROMETER AND ANALYZER.

N. S. Porter, E. M. Sheen. Health Physics, v. 12, no. 6, 1966, p. 801-809, BNSA-208.

APPLICATION OF MINIATURE GOATS IN RUMINANT RESEARCH.

H. A. Ragan, V. G. Horstman, R. O. McClellan, L. K. Bustad. American Journal of Veterinary Research, v. 27, no. 116, January, 1966, p. 161-165, HW-SA-3603.

DISEASE AND DISEASE CONTROL EXPERIENCE WITH MINIATURE SWINE AT BATTELLE-NORTHWEST.

H. A. Ragan, R. O. McClellan. Proceedings of Symposium on Swine in Biomedical Research, July 19-21, 1965, p. 753-756, BNWL-SA-694.

BIOLOGY AND MEDICINE (contd)

PACIFIC NORTHWEST LABORATORY ANNUAL REPORT FOR 1965 IN THE BIOLOGICAL SCIENCES.

R. C. Thompson, E. G. Swezea, ED. January, 1966, 139 p., BNWL-280.

ELECTRICAL ANESTHESIA TECHNIQUES.

R. L. Wilbur. November, 1966, 28 p., BNWL-317.

RADIATION EFFECTS

PLUTONIUM INHALATION STUDIES VII. BRONCHIOLO-ALVEOLAR CARCINOMAS OF THE CANINE LUNG FOLLOWING PLUTONIUM PARTICLE INHALATION.

W. J. Clarke, J. L. Palotay, W. J. Bair, J. F. Park. Health Physics, v. 12, no. 15, May, 1966, p. 609-613, BNSA-148.

X-RADIATION AND TEMPERATURE MODIFICATION OF REPRODUCTIVE PERFORMANCE OF SINGLE-SPECIES AND MIXED-SPECIES CULTURES OF TRIBOLIUM CONFUSUM AND T. CASTANEUM.

H. E. Erdman. Physiological Zoology, v. 39, no. 2, April, 1966, p. 160-170, HW-SA-3748.

X-RAY EFFECTS ON METAMORPHOSIS AND ADULT LIFE SPAN OF FLOUR BEETLES, TRIBOLIUM CONFUSUM DUVAL, /COLEOPTERA: TENEBRIONIDAE/ IRRADIATED AS PUPAE.

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COMPARATIVE EFFECTS OF BETA IRRADIATION OF SWINE, SHEEP, AND RABBIT SKIN.

L. A. George, L. K. Bustad. Proceedings of Symposium on Swine in Biomedical Research, July 19-21, 1965, p. 491-500.

HEMATOPOIETIC TISSUE NEOPLASMS IN ANIMALS ADMINISTERED Sr-90.

R. O. McClellan. Health Physics, v. 12, no. 9, September, 1965, p. 1362-1365, BNSA-201.

USE OF SWINE IN RADIONUCLIDE TOXICITY STUDIES.

R. O. McClellan. Proceedings of Symposium on Swine in Biomedical Research, July 19-21, 1965, p. 447-462.

SUMMARY TECHNICAL REPORT SNPO AND SNAP BIOLOGICAL STUDIES.

R. C. Thompson. January 3, 1966, 19 p., BNWL-182.

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RADIATION EFFECTS, THERAPY, AND COUNTERMEASURES

ORAL THERAPY FOR DEPOSITED PLUTONIUM.

J. E. Ballou, J. L. Palotay. Health Physics, v. 12, no. 7,
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EFFECTS OF DIMETHYLSULFOXIDE ON PRODUCTIVITY OF X-IRRADIATED
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p. 157-169, BNWL-SA-307.

CHEMISTRY AND CHEMICAL ENGINEERING

ANALYTICAL CHEMISTRY

NEAR-INFRARED DETERMINATION OF DEUTERIUM OXIDE IN WATER.

W. E. Keder, D. R. Kalkwarf. Analytical Chemistry, v. 38, August, 1966, p. 1288, BNWL-SA-573.

DETERMINATION OF U-232 AND U-233 IN IRRADIATED THORIUM.

M. R. Weiler, W. Y. Matsumoto. November, 1965, 23 p., BNWL-159.

INORGANIC CHEMISTRY

ORGANOPHOSPHORUS - URANYL COMPLEXES STUDIES BY NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY.

J. L. Burdett, L. L. Burger. Canadian Journal of Chemistry, v. 44, no. 2, January, 1966, p. 111-118, HW-SA-3777.

ELECTROCHEMISTRY OF PLUTONIUM/III/ IN MOLTEN ALKALI CHLORIDES.

D. A. Nissen. November, 1965, 9 p., BNWL-158.

ELECTROCHEMISTRY OF PLUTONIUM/III/ IN MOLTEN ALKALI CHLORIDES.

D. A. Nissen. Journal of Inorganic and Nuclear Chemistry, v. 28, no. 8, August, 1966, p. 1740-1743, BNWL-SA-427.

METHANOL EXCHANGE IN DILUTE SOLUTIONS OF NEPTUNIUM/V/ IONS BY NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY.

J. C. Sheppard, J. L. Burdett. Inorganic Chemistry, v. 5, May, 1966, p. 921-925, BNSA-138.

WASTE PROCESSING

PURIFICATION OF RARE EARTHS FROM HANFORD WASTES BY SOLVENT EXTRACTION.

L. A. Bray, F. P. Roberts. February, 1966, 29 p., BNWL-187.

BURIED RADIOACTIVE WASTE STORAGE TANK TEMPERATURES AND SOIL TEMPERATURES NEAR LEAKS.

G. Jansen Jr., W. E. Willingham, W. V. DeMier. March, 1966, 63 p., BNWL-181.

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TRANSIENT THERMAL BEHAVIOR IN FIXATION OF RADIOACTIVE MATERIALS.

G. Jansen Jr., W. V. DeMier. January, 1966, 114 p., BNWL-157.

A PRELIMINARY STUDY OF CESIUM SORPTION FROM ACID WASTE SOLUTIONS UTILIZING PHOSPHATE EXCHANGERS.

Y. M. Jones. November, 1966, 18 p., BNWL-270.

SULFUR DETERMINATION SUPPORTING THE WASTE SOLIDIFICATION PROGRAM.

L. F. Lust, B. P. Van Der Cook. July, 1966, 8 p., BNWL-265.

ADSORPTION OF TRACE IONS FROM INTERMEDIATE LEVEL RADIOACTIVE WASTES BY ION EXCHANGE.

B. W. Mercer. January, 1966, 36 p., BNWL-180.

CHLORINE RECOVERY AND RADIOIODINE BEHAVIOR IN THE SALT CYCLE PROCESS.

L. K. Mudge, J. R. Lundquist. July, 1966, 21 p., BNWL-279.

QUARTERLY PROGRESS REPORT RESEARCH AND DEVELOPMENT ACTIVITIES FIXATION OF RADIOACTIVE RESIDUES - APRIL-JUNE, 1966.

A. M. Platt. August, 1966, 32 p., BNWL-306.

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A. M. Platt. February, 1966, 39 p., BNWL-213.

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A. M. Platt. May, 1966, 31 p., BNWL-267.

CONTINUOUS SEPARATION OF CERIUM FROM TRIVALENT RARE EARTHS BY PERSULFATE OXIDATION AND D2EHPA SOLVENT EXTRACTION: PILOT PLANT STUDIES.

G. L. Richardson. November, 1965, 23 p., BNWL-173.

EFFLUENT MONITORING AND EVALUATION - A POWER REACTOR DESIGN GUIDE.

I. C. Roberts. November, 1966, 75 p., BNWL-251.

CHEMISTRY AND CHEMICAL ENGINEERING (contd)

FIXATION OF HIGH-LEVEL RADIOACTIVE WASTES IN PHOSPHATE GLASS-HOT CELL GLASS EXPERIMENT.

U. L. Upton. January, 1966, 69 p. , BNWL-200.

HEAT TRANSFER FROM SOLIDIFIED WASTES IN UNDERGROUND STORAGE TANKS.

W. E. Willingham, G. Jansen Jr. October, 1966, 65 p. , BNWL-262.

EARTH AND ATMOSPHERIC SCIENCES

EARTH SCIENCE

UNIT CELL SIZE AND CESIUM LOADING ON TYPE A AND TYPE X ZEOLITES.

L. L. Ames. The Canadian Mineralogist, v. 8, pt. 4, 1966, p. 515-518, BN~~S~~A-153.

MONTMORILLONITE EXCHANGE EQUILIBRIA WITH STRONTIUM-SODIUM-CESIUM.

J. R. Eliason. American Mineralogist, v. 51, no. 3 and 4, March-April, 1966, p. 324-335, BNWL-SA-243.

SOIL SURVEY HANFORD PROJECT IN BENTON COUNTY, WASHINGTON.

B. F. Hajek. April, 1966, 18 p., BNWL-243.

AN EVALUATION OF THE USE OF SELECTIVE DISCHARGES FROM LAKE ROOSEVELT TO COOL THE COLUMBIA RIVER.

R. T. Jaske. February, 1966, 87 p., BNWL-208.

A METHOD FOR VISUALIZING THE FLOW OF SOLUTIONS THROUGH POROUS MEDIA.

K. C. Knoll; B. F. Hajek. Soil Science Society of America Proceedings, v. 30, no. 3, May-June, 1966, p. 411-412, BNWL-SA-329.

DETERMINATION OF COLUMBIA RIVER FLOW TIMES USING RADIOACTIVE TRACERS INTRODUCED BY THE HANFORD REACTORS.

J. L. Nelson, R. W. Perkins, W. L. Haushild. Water Resources Research, v. 2, no. 1, First Quarter, 1966, p. 31-39, BNSA-176.

FLOW IN HETEROGENEOUS POROUS MEDIA I. DARCIAN-TYPE DESCRIPTION OF TWO-PHASE SYSTEMS.

R. W. Nelson. Water Resources Research, v. 2, no. 3, Third Quarter, 1966, p. 487-495, BNWL-SA-207.

A SEQUENCE FOR PREDICTING WASTE TRANSPORT BY GROUND WATER.

R. W. Nelson. Proceedings of the First Annual Meeting of the American Water Resources Association, December 1-3, 1965, p. 80-87, BNWL-SA-406.

ATMOSPHERIC SCIENCE

EXPERIMENTAL INVESTIGATION OF THE TURBULENCE STRUCTURE IN THE LOWER ATMOSPHERE.

C. E. Elderkin. December, 1966, 189 p., BNWL-329.

RAIN SCAVENGING OF ZINC SULFIDE PARTICLES.

R. J. Engelmann. Journal of Atmospheric Sciences, v. 22, no. 6, November, 1965, p. 719-727, HW-SA-3544.

SNOW AND RAIN WASHOUT COEFFICIENTS FOR INORGANIC IODINE VAPOR.

R. J. Englemann, R. W. Perkins. Nature, v. 211, no. 5044, July 2, 1966, p. 61-62, BNSA-155.

ATMOSPHERIC DIFFUSION STUDIES WITH FLUORESCEIN AND ZINC SULFIDE PARTICLES AS DUAL TRACERS.

J. D. Ludwick. Journal of Geophysical Research, v. 71, no. 6, March 15, 1966, p. 1553-1558, BNWL-SA-284.

XENON-133 AS AN ATMOSPHERIC TRACER.

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SUBISOKINETIC SAMPLING OF PARTICLES IN AN AIR STREAM.

G. A. Sehmel. March 1, 1966, 63 p., BNWL-217.

ATMOSPHERIC SCIENCES AT BATTELLE-NORTHWEST ADVANCES IN TECHNOLOGY.

C. L. Simpson. Nuclear News, v. 9, no. 12, December, 1966, p. 14-16, BNWL-SA-932.

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GAMMA SPECTROMETERS

MULTIDIMENSIONAL GAMMA RAY SPECTROMETRY AND ITS USE IN BIOLOGY.

J. M. Nielsen, H. A. Kornberg. Proceedings of IAEA Symposium on Radioisotope Sample Measurement Techniques in Medicine and Biology, May 24-28, 1965, p. 3-15, BNSA-119.

SELECTIVE AND SENSITIVE ANALYSIS OF ACTIVATION PRODUCTS BY MULTIDIMENSIONAL GAMMA RAY SPECTROMETRY.

R. W. Perkins, D. E. Robertson. Proceedings, 1965 International Conference: Modern Trends in Activation Analysis, April, 1965, 10 p., BNSA-137.

DEVELOPMENT AND EVALUATION OF A LARGE DETECTOR MULTIDIMENSIONAL GAMMA RAY SPECTROMETER.

N. A. Wogman, D. E. Robertson, R. W. Perkins. Transactions, American Nuclear Society, v. 9, no. 1, June, 1966, p. 91, BNWL-SA-519 A.

RADIATION DETECTORS

MINIATURE SIGNALING RADIATION DOSEMETER.

D. P. Brown. Health Physics, v. 12, no. 7, July, 1966, p. 943-947, BNSA-188.

A PRECISION LONG COUNTER FOR MEASURING FAST NEUTRON FLUX DENSITY.

J. DePangher, L. L. Nichols. June, 1966, 63 p., BNWL-260.

ADVANCED ALPHA-BETA-GAMMA HAND AND SHOE CONTAMINATION MONITOR.

E. M. Sheen, C. A. Ratcliffe, L. V. Zuerner. August, 1966, 21 p., BNWL-250.

DOSIMETRY TECHNOLOGY STUDIES.

Dosimetry Technology Staff. November, 1966, 32 p., BNWL-339.

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LASER INTERFEROMETER STRAIN SEISMOGRAPH: DESCRIPTION AND DISCUSSION OF THE FEASIBILITY DEMONSTRATION EXPERIMENT.

B. B. Brenden, R. B. Jacob. May, 1966, 13 p., BNWL-241.

PHYSIOLOGICAL DATA TELEMETRY SYSTEM.

N. C. Hoitink, N. S. Porter. July, 1966, 12 p., BNWL-214.

AN IMPROVED CARTRIDGE TYPE LINEAR VARIABLE DIFFERENTIAL TRANSFORMER.

W. B. Weihermiller. January, 1965, 12 p., BNWL-15.

FAST-PULSE SIGNAL AVERAGING.

W. E. Wilson, W. C. Roesch. Review of Scientific Instruments, v. 37, no. 11, November, 1966, p. 1623-1624, BNWL-SA-371.

NONDESTRUCTIVE TESTING: A KEY TO QUALITY ASSURANCE.

D. C. Worlton. Transactions, American Nuclear Society, v. 9, no. 2, November, 1966, p. 408, BNWL-SA-901 A.

RECENT ADVANCEMENTS IN NONDESTRUCTIVE TESTING TECHNOLOGY AT HANFORD.

D. C. Worlton, C. L. Frederick, D. J. Denton. Journal of Materials, v. 1, no. 4, December, 1966, p. 809-822, BNWL-SA-404.

ENGINEERING AND EQUIPMENT

A TWO STAGE 2100 F HELIUM GAS HEATER FOR THE ATR MODEL GAS LOOP.

R. J. Evans. November, 1966, 11 p., BNWL-328.

ENGINEERING DEVELOPMENT DEPARTMENT QUARTERLY REPORT
JANUARY, FEBRUARY, MARCH, 1966.

H. Harty. April, 1966, 21 p., BNWL-300 SUP. (Confidential)

EXPERIMENTAL BOILING BURNOUT HEAT FLUXES WITH AN ELECTRICALLY
HEATED 19-ROD BUNDLE TEST SECTION.

G. M. Hesson, D. E. Fitzsimmons, J. M. Batch. December, 1965,
53 p., BNWL-206.

HEAT TRANSFER EXPERIMENTS FOR THE ADVANCED TEST REACTOR.

E. D. Waters. May, 1966, 106 p., BNWL-216.

GENERAL

COMMENTS ON THE NUCLEAR CERAMIC FUELS INFORMATION EXCHANGE PROGRAM OF JAPAN AND THE UNITED STATES.

J. L. Daniel. Journal of the Atomic Energy Society, of Japan, v. 8, no. 5, 1966, p. 43-44, BNWL-SA-617.

BOOK REVIEW: SPECIALIZED INFORMATION CENTERS.

A. Kent, C. G. Stevenson. Special Libraries, v. 57, no. 1, January, 1966, p. 62-63, BNWL-SA-416.

THE STATISTICS OF NET COUNT RATE ESTIMATION WITH DOMINANT BACKGROUND CORRECTIONS.

W. L. Nicholson. Nucleonics, v. 24, no. 8, August, 1966, p. 118-121, BNWL-SA-715.

DUAL ONE-DIMENSIONAL ANALYSIS AND DISPLAY PROGRAM.

D. N. Samsky. September, 1966, 36 p., BNWL-299.

SUMMARY OF REPLIES TO THE QUESTIONNAIRE ON GOVERNMENT INFORMATION SERVICES.

C. G. Stevenson. Special Libraries, v. 57, no. 1, January, 1966, p. 45-50, BNWL-SA-432.

TECHNICAL PUBLICATIONS OF BATTELLE-NORTHWEST DURING 1965.

C. G. Stevenson. March, 1965, 44 p., BNWL-218.

HEALTH AND SAFETY

ENVIRONMENTAL STUDIES

EVALUATION OF THE EXPOSURE THAT RESULTS FROM THE DISPOSAL OF RADIOACTIVE WASTES INTO THE COLUMBIA RIVER.

R. F. Foster, J. K. Soldat. Proceedings of Symposium on the Disposal of Radioactive Wastes into Seas, Oceans, and Surface Waters, May 16-20, 1966, p. 683-696, BNWL-SA-601.

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