**Cover Sheet for a Hanford
Historical Document
Released for Public Availability**

Released 1994

**Prepared for the U.S. Department of Energy
under Contract DE-AC06-76RLO 1830**

**Pacific Northwest Laboratory
Operated for the U.S. Department of Energy
by Battelle Memorial Institute**

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

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, make 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.

(CLASSIFICATION)

October 20, 1967

RICHLAND, WASHINGTON

TISR-309 SAMPLE DATA

B. K. Markfelder

THIS DOCUMENT MUST NOT BE LEFT UNATTENDED WHERE AN UNAUTHORIZED PERSON MAY HAVE ACCESS TO IT. WHEN NOT IN USE, IT MUST BE KEPT IN AN APPROVED LOCKED REPOSITORY WITHIN AN APPROVED SECURED AREA. WHILE IT IS IN YOUR POSSESSION AND UNTIL YOU HAVE OBTAINED A SIGNED RECEIPT FROM THE ISSUING OFFICE FOR CLASSIFIED FILES, IT IS YOUR RESPONSIBILITY TO KEEP IT AND ITS CONTENTS WITHIN THE LIMITS OF THIS PROJECT AND FROM AN UNAUTHORIZED PERSON. NO TRANSMITTAL TO, AND STORAGE AT YOUR PLACE OF RESIDENCE IS PERMITTED. IT IS NOT TO BE REPRODUCED. IF ADDITIONAL COPIES ARE REQUIRED, OBTAIN THEM FROM THE RELATED ISSUING OFFICE. ALL PERSONS READING THIS DOCUMENT ARE REQUESTED TO SIGN IN THE SPACE PROVIDED BELOW.

54-5100-163 (10-65) AEC-RLOO RICHLAND, WASH.

(CLASSIFICATION)

DECLASSIFIED

DOUGLAS UNITED NUCLEAR, INC.

RICHLAND, WASHINGTON

NOTICE

THIS REPORT WAS PREPARED FOR USE WITHIN DOUGLAS UNITED NUCLEAR, INC. IN THE COURSE OF WORK UNDER ATOMIC ENERGY COMMISSION CONTRACT AT(45-1) - 1857, AND ANY VIEWS OR OPINIONS EXPRESSED IN THE REPORT ARE THOSE OF THE AUTHOR ONLY. THIS REPORT IS SUBJECT TO REVISION UPON COLLECTION OF ADDITIONAL DATA.

LEGAL NOTICE

THIS REPORT WAS PREPARED AS AN ACCOUNT OF GOVERNMENT SPONSORED WORK. NEITHER THE UNITED STATES, NOR THE COMMISSION, NOR ANY PERSON ACTING ON BEHALF OF THE COMMISSION:

A. MAKES ANY WARRANTY OR REPRESENTATION, EXPRESSED OR IMPLIED, WITH RESPECT TO THE ACCURACY, COMPLETENESS, OR USEFULNESS OF THE INFORMATION CONTAINED IN THIS REPORT, OR THAT THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THIS REPORT MAY NOT INFRINGE PRIVATELY OWNED RIGHTS; OR

B. ASSUMES ANY LIABILITIES WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THIS REPORT.

AS USED IN THE ABOVE, "PERSON ACTING ON BEHALF OF THE COMMISSION" INCLUDES ANY EMPLOYEE OR CONTRACTOR OF THE COMMISSION, OR EMPLOYEE OF SUCH CONTRACTOR, TO THE EXTENT THAT SUCH EMPLOYEE OR CONTRACTOR OF THE COMMISSION, OR EMPLOYEE OF SUCH CONTRACTOR PREPARES, DISSEMINATES, OR PROVIDES ACCESS TO, ANY INFORMATION PURSUANT TO HIS EMPLOYMENT OR CONTRACT WITH THE COMMISSION, OR HIS EMPLOYMENT WITH SUCH CONTRACTOR.

DECLASSIFIED

This document classified by:

R. S. Peterson

DUN-3266
Hanford Category C-65
October 20, 1967

This document consists of
3 pages.

DISTRIBUTION

1. AE DeMers
2. DUN File
3. DUN Record

Battelle-Northwest

4. JA Christensen

This document contains restricted information as defined in the Atomic Energy Act of 1954. Its transmission in any manner to an unauthorized person is prohibited.

TISR-309 SAMPLE DATA

B. K. Markfelder

Classification Cancelled and Changed To

DECLASSIFIED

By Authority of D. S. Lewis

CG-NMP-1, 8-12-94

By J. E. Savely 8-18-94

Verified By Jerry Malley
10-19-94.

MASTER

DECLASSIFIED

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

45

TISR-309 SAMPLE DATA

The attached table is the operating time recap for the molten core capsules run to date.

If you have any questions, please contact Irradiation Testing Unit, 2-4576.

B K Markfelder
B. K. Markfelder, Technician
Irradiation Testing Unit

BKM/k

DECLASSIFIED

TISR-309 SAMPLE DATA

Sample Number	Charge		Discharge		Rate of Charging	Rate of Discharge	Facility Reactor
	Date	Time	Date	Time			
6	01-18-67	1130	01-18-67	1530	2"/3 min	2 min.	2B KW
7	01-24-67	1135	01-24-67	1535	2"/3 min	Normal to Row 90. 1/2"/min to Row 98.	2B KW
8	07-05-67	1250	07-06-67	0840	1"/2 min	Normal	2B KE
9	06-21-67	1740	06-22-67	1040	1"/2 min	Normal	2B KE
10	06-19-67	1340	06-20-67	1040	1"/2 min	60 sec.	2B KE
11	06-14-67	1500	06-15-67	0900	1"/2 min	60 sec.	2B KE
12	07-19-67	1424	07-20-67	0900	1"/2 min	60 sec.	2B KE
12B	08-25-67	1240	08-26-67	0840	1"/2 min	60 sec.	2B KE
14	08-28-67	1550	08-29-67	0900	1"/2 min	60 sec.	2B KE
15A	08-30-67	1355	08-31-67	0930	1"/2 min	60 sec.	2B KE
16A	09-01-67	1335	09-02-67	0825	1"/2 min	60 sec.	2B KE
17A	09-05-67	1415	09-06-67	0830	1"/2 min	60 sec.	2B KE
18	09-07-67	1435	09-08-67	0830	1"/2 min	50 sec.	2B KE
19A	09-12-67	1430	09-13-67	0855	1"/2 min	3 min.	2B KE
20	09-30-67	1355	10-01-67	0955	1"/2 min	5 min.	2B KE
21	10-02-67	1330	10-12-67	1345	1"/2 min	*	2B KE

* Capsule 21 stuck at 112". Operating time on capsule is ten days, 15 minutes.

10-12-67 1335 started down
1345 half down
1355 reactor down

DECLASSIFIED