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**Pacific Northwest Laboratory
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STATUS OF IRRADIATIONS PERFORMED BY
TESTING AND IRRADIATION SERVICES
FOR BNW AS OF AUGUST 13, 1967

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STATUS OF IRRADIATIONS PERFORMED BY
TESTING AND IRRADIATION SERVICES
FOR BNW AS OF AUGUST 13, 1967

L. V. Barker

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This report itemizes the irradiations performed by Testing and Irradiation Services for Battelle-Northwest. It lists the material being irradiated, awaiting disposition and material shipped during the report period. An explanation of the various columns in the report follows:

Identification

- a. TISR No. - This is the official number assigned by Testing and Irradiation Services to an experiment for purposes of identification.
- b. Request Number - Customer experiment identification number, if any.
- c. Material - The principle target material, if known, abbreviated or its chemical symbol in capital letters.
- d. Piece Number - Individual sample or assembly identification.

Operating Time (Days) - The number of full-power operating days the sample has been exposed.

CMK Absorbed - The total cmk absorbed by the sample. Does not include the facility.

Charge Date - Date and time sample charged into reactor or date and time reactor reached one-half equilibrium level if sample was charged during a reactor outage.

Location

- a. Facility - Test facility or process tube and reactor containing the experiment.
- b. Test Hole Position - Sample position in-reactor relative to a process tube.
- c. Position Factor - Location of sample in relation to front-to-rear cosine flux distribution. (This factor only applies to front-to-rear irradiations.)

NOTE: The actual flux shape may deviate from a cosine curve due to local perturbations. The actual shape will be provided upon request.

Exposure to Date - NVT - The total thermal neutron exposure per square centimeter received to date. This number is calculated from facility unperturbed flux and reactor operating time.

Discharge, Date and Time - Date and time samples were removed from the active portion of the reactor or date and time reactor was down to one-half equilibrium level if sample was discharged during a reactor outage.

Shipping Date - Date samples were shipped to the customer or otherwise disposed of.

L. V. Barker
L. V. Barker, Supervisor
Irradiation Testing

LVB/kh

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IDENTIFICATION				OPERATING TIME (DAYS)	CM K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
1/7		GRAPH	A0J5	132.4677		01-06-67	2145	RTM -C	0-2074	1.000	1.2+21			
1/7		GRAPH	A0J7	132.4677		01-06-67	2145	RTM -C	0-2077	1.000	1.2+21			
1/7		GRAPH	A0J8	132.4677		01-06-67	2145	RTM -C	0-2065	1.000	1.2+21			
1/7		GRAPH	0J-3	40.0360		06-30-67	0842	RTM -C	0-2089	1.000	2.7+20			
1/7		GRAPH	0J-4	40.0360		06-30-67	0842	RTM -C	0-2083	1.000	2.7+20			
1/7		GRAPH	0K-2	40.0360		06-30-67	0842	RTM -C	0-2080	1.000	2.7+20			
1/7		GRAPH	0K-3	40.0360		06-30-67	0842	RTM -C	0-2086	1.000	2.7+20			
1/7		GRAPH	0UJ1	88.8082		04-30-67	0352	RTM -C	0-2062	1.000	6.0+20			
1/7		GRAPH	0UJ5	88.8082		04-30-67	0352	RTM -C	0-2071	1.000	6.0+20			
1/7		GRAPH	0UK5	88.8082		04-30-67	0352	RTM -C	0-2059	1.000	6.0+20			
1/7		GRAPH	0UK6	88.8082		04-30-67	0352	RTM -C	0-2068	1.000	6.0+20			
1/7		GRAPH	ANCH	337.5987		05-06-66	1410	4BTH-KE	0-4382	1.000	4.3+21			
1/7		GRAPH	0UC6	337.5987		05-06-66	1410	4BTH-KE	0-4367	1.000	4.3+21			
1/7		GRAPH	0140	337.5987		05-06-66	1410	4BTH-KE	0-4379	1.000	4.3+21			
1/7		GRAPH	0143	337.5987		05-06-66	1410	4BTH-KE	0-4376	1.000	4.3+21			
1/7		GRAPH	0188	337.5987		05-06-66	1410	4BTH-KE	0-4364	1.000	4.3+21			
1/7		GRAPH	0189	337.5987		05-06-66	1410	4BTH-KE	0-4361	1.000	4.3+21			
1/7		GRAPH	0190	337.5987		05-06-66	1410	4BTH-KE	0-4373	1.000	4.3+21			
1/7		GRAPH	0191	337.5987		05-06-66	1410	4BTH-KE	0-4370	1.000	4.3+21			
1/7		GRAPH	0192	337.5987		05-06-66	1410	4BTH-KE	0-4358	1.000	4.3+21			
1/7		GRAPH	0193	337.5987		05-06-66	1410	4BTH-KE	0-4355	1.000	4.3+21			
222		J	P-14	64.8283		05-27-67	1452	3865-KW		1.000	1.0+21			
236		STEEL	4-14	589.4268		02-28-65	1432	2CTH-KW		1.000	7.5+21			
236		ZR	4-28	.7396		08-13-67	0615	3ATH-KE		1.000	6.9+18			
236		ZIRC	4-27	64.8283		05-27-67	1452	3BTH-KW		1.000	8.2+20			
236		SS	4-32	85.5768		05-03-67	0626	3DTH-KW		1.000	8.0+20			
243		VARIOUS	0127	250.0599		01-20-66	1500	4CTH-KW		1.000	3.1+21			
243		VARIOUS	0132	209.4599		03-14-66	2222	4CTH-KW		1.000	2.6+21			
259		HASTLY	0A-3	697.1103		12-25-64	2255	ETH -C	0-2177	1.000	2.7+21			
259		HASTLY	0A-4	697.1103		12-25-64	2255	ETH -C	0-2175	1.000	2.7+21			
295		J	0001	1021.3208		12-11-63	1848	3469-B		.224	2.1+21			
307		FLXMON	0001	745.4268		10-20-64	0526	3BTH-KW		1.000	9.5+21			
3/2		S-CON	0S-1	60.3806		06-09-67	0038	3CTH-KE		1.000	7.7+20			
3/2		S-CON	0S-2	60.3806		06-09-67	0038	3CTH-KE		1.000	7.7+20			
3/2		S-CON	0S-3	60.3806		06-09-67	0038	3CTH-KE		1.000	7.7+20			

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IDENTIFICATION				OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS ARE AWAITING DISPOSITION.														
177		GRAPH	0045	167.6826		10-22-66	0706	3ATH-KE	0-2278	1.000	1.6+21	05-06-67	1750	
222		U	P-15	145.9636		02-08-67	0745	3674-KW		1.000	2.3+21	08-08-67	0745	
243		MO	C154	20.2916		05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	
243		MO	0155	20.2916		05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	
243		NI	0155	20.2916		05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			DISCHARGE		SHIPPING DATE	
TIR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR	EXPOSURE TO DATE NVT	DATE		TIME
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
1/2		TAPE	0965	.0139		07-26-67	1005	2ATH-KW		1.000	1.3+17	07-26-67	1025	07-27-67
1/2		TAPE	0967	.0139		07-26-67	1005	2ATH-KW		1.000	1.3+17	07-26-67	1025	07-27-67
1/2		TAPE	0968	.0139		07-26-67	1005	2ATH-KW		1.000	1.3+17	07-26-67	1025	07-27-67
1/2		WATER	0969	.5000		07-28-67	0830	2ATH-KW		1.000	3.4+17	07-28-67	2030	07-29-67
1/2		WATER	0970	.5000		07-28-67	0830	2ATH-KW		1.000	3.8+17	07-28-67	2030	07-29-67
1/2		WATER	0971	.5000		07-28-67	0830	2ATH-KW		1.000	4.2+17	07-28-67	2030	07-29-67
1/2		WATER	0972	.5000		07-28-67	0830	2ATH-KW		1.000	4.2+17	07-28-67	2030	07-29-67
1/2		WATER	0973	.5000		07-28-67	0830	2ATH-KW		1.000	8.5+17	07-28-67	2030	07-29-67
1/2		WATER	0974	.5000		07-28-67	0830	2ATH-KW		1.000	8.5+17	07-28-67	2030	07-29-67
1/2		WATER	0975	.5000		07-28-67	2200	2ATH-KW		1.000	3.4+17	07-29-67	1000	07-30-67
1/2		WATER	0976	.5000		07-28-67	2200	2ATH-KW		1.000	3.8+17	07-29-67	1000	07-30-67
1/2		WATER	0977	.5000		07-28-67	2200	2ATH-KW		1.000	4.2+17	07-29-67	1000	07-30-67
1/2		WATER	0978	.5000		07-28-67	2200	2ATH-KW		1.000	4.2+17	07-29-67	1000	07-30-67
1/2		WATER	0979	.5000		07-28-67	2200	2ATH-KW		1.000	8.5+17	07-29-67	1000	07-30-67
1/2		WATER	0980	.5000		07-28-67	2200	2ATH-KW		1.000	8.5+17	07-29-67	1000	07-30-67
1/2		TISSUE	0981	.0208		07-29-67	1035	2ATH-KW		1.000	1.9+17	07-29-67	1105	07-30-67
1/2		TISSUE	0982	.0208		07-29-67	1035	2ATH-KW		1.000	1.9+17	07-29-67	1105	07-30-67
1/2		TISSUE	0983	.0208		07-29-67	1035	2ATH-KW		1.000	1.9+17	07-29-67	1105	07-30-67
1/2		TISSUE	0984	.0208		07-29-67	1035	2ATH-KW		1.000	1.9+17	07-29-67	1105	07-30-67
1/2		TISSUE	0985	.0208		07-29-67	1035	2ATH-KW		1.000	1.9+17	07-29-67	1105	07-30-67
1/2		TISSUE	0986	.0208		07-29-67	1035	2ATH-KW		1.000	1.9+17	07-29-67	1105	07-30-67
1/2		TISSUE	0987	.0208		07-29-67	1140	2ATH-KW		1.000	1.9+17	07-29-67	1210	07-30-67
1/2		TISSUE	0988	.0208		07-29-67	1140	2ATH-KW		1.000	1.9+17	07-29-67	1210	07-30-67
1/2		TISSUE	0989	.0208		07-29-67	1140	2ATH-KW		1.000	1.9+17	07-29-67	1210	07-30-67
1/2		WATER	1014	.0208		08-07-67	1644	2ATH-KW		1.000	1.9+17	08-07-67	1714	08-08-67
1/2		WATER	1015	.0208		08-07-67	1644	2ATH-KW		1.000	1.9+17	08-07-67	1714	08-08-67
1/2		STD	1016	.0410		08-07-67	1804	2ATH-KW		1.000	3.1+16	08-07-67	1904	08-08-67
1/2		STD	1017	.0410		08-07-67	1804	2ATH-KW		1.000	3.5+16	08-07-67	1904	08-08-67
1/2		STD	1018	.0410		08-07-67	1804	2ATH-KW		1.000	6.9+16	08-07-67	1904	08-08-67
1/2		C16	1021	.0035		08-14-67	2050	2ATH-KW		1.000	3.0+15	08-14-67	2055	08-15-67
1/2		C16	1022	.0035		08-14-67	2050	2ATH-KW		1.000	5.9+15	08-14-67	2055	08-15-67
1/2		C16	1023	.0035		08-14-67	2050	2ATH-KW		1.000	5.9+15	08-14-67	2055	08-15-67
1/2		WATER	0954	.2083		07-21-67	1325	2DTH-KE		1.000	1.4+17	07-21-67	1825	07-22-67
1/2		WATER	0955	.2083		07-21-67	1325	2DTH-KE		1.000	1.6+17	07-21-67	1825	07-22-67
1/2		WATER	0956	.2083		07-21-67	1325	2DTH-KE		1.000	1.8+17	07-21-67	1825	07-22-67
1/2		WATER	0957	.2083		07-21-67	1325	2DTH-KE		1.000	1.8+17	07-21-67	1825	07-22-67
1/2		WATER	0958	.2083		07-21-67	1325	2DTH-KE		1.000	3.5+17	07-21-67	1825	07-22-67
1/2		WATER	0959	.2083		07-21-67	1325	2DTH-KE		1.000	1.8+24	07-21-67	1825	07-22-67

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			DISCHARGE		SHIPPING DATE
TSR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR	DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH													
1/2		WATER	0960	.5000		07-21-67	2135	2DTH-KE		1.000	07-22-67	0935	07-23-67
1/2		WATER	0961	.5000		07-21-67	2135	2DTH-KE		1.000	07-22-67	0935	07-23-67
1/2		WATER	0962	.5000		07-21-67	2135	2DTH-KE		1.000	07-22-67	0935	07-23-67
1/2		WATER	0963	.5000		07-21-67	2135	2DTH-KE		1.000	07-22-67	0935	07-23-67
1/2		WATER	0964	.5000		07-21-67	2135	2DTH-KE		1.000	07-22-67	0935	07-23-67
1/2		WATER	0965	.5000		07-21-67	2135	2DTH-KE		1.000	07-22-67	0935	07-23-67
1/2		SALTS	0990	.5000		08-01-67	2030	2DTH-KE		1.000	08-02-67	0830	08-03-67
1/2		SALTS	0991	.5000		08-01-67	2030	2DTH-KE		1.000	08-02-67	0830	08-03-67
1/2		SALTS	0992	.5000		08-01-67	2030	2DTH-KE		1.000	08-02-67	0830	08-03-67
1/2		SALTS	0993	.5000		08-01-67	2030	2DTH-KE		1.000	08-02-67	0830	08-03-67
1/2		SALTS	0994	.5000		08-01-67	2030	2DTH-KE		1.000	08-02-67	0830	08-03-67
1/2		SALTS	0995	.5000		08-01-67	2030	2DTH-KE		1.000	08-02-67	0830	08-03-67
1/2		WATER	0996	.2604		08-02-67	1145	2DTH-KE		1.000	08-02-67	1800	08-03-67
1/2		WATER	0997	.2604		08-02-67	1145	2DTH-KE		1.000	08-02-67	1800	08-03-67
1/2		WATER	0998	.2604		08-02-67	1145	2DTH-KE		1.000	08-02-67	1800	08-03-67
1/2		SALTS	0999	.5000		08-02-67	2210	2DTH-KE		1.000	08-03-67	1010	08-04-67
1/2		SALTS	1000	.5000		08-02-67	2210	2DTH-KE		1.000	08-03-67	1010	08-04-67
1/2		SALTS	1001	.5000		08-02-67	2210	2DTH-KE		1.000	08-03-67	1010	08-04-67
1/2		SALTS	1002	.5000		08-02-67	2210	2DTH-KE		1.000	08-03-67	1010	08-04-67
1/2		SALTS	1003	.5000		08-02-67	2210	2DTH-KE		1.000	08-03-67	1010	08-04-67
1/2		SALTS	1004	.5000		08-02-67	2210	2DTH-KE		1.000	08-03-67	1010	08-04-67
1/2		TISSUE	1005	.0035		08-03-67	1646	2DTH-KE		1.000	08-03-67	1651	08-04-67
1/2		TISSUE	1006	.0035		08-03-67	1646	2DTH-KE		1.000	08-03-67	1651	08-04-67
1/2		TISSUE	1007	.0229		08-03-67	1745	2DTH-KE		1.000	08-03-67	1818	08-04-67
1/2		TISSUE	1008	.0229		08-03-67	1745	2DTH-KE		1.000	08-03-67	1818	08-04-67
1/2		SODIUM	1009	1.0000		08-03-67	2000	2DTH-KE		1.000	08-04-67	2000	08-05-67
1/2		SODIUM	1010	1.0000		08-03-67	2000	2DTH-KE		1.000	08-04-67	2000	08-05-67
1/2		SODIUM	1011	1.0000		08-03-67	2000	2DTH-KE		1.000	08-04-67	2000	08-05-67
1/2		SODIUM	1012	1.0000		08-03-67	2000	2DTH-KE		1.000	08-04-67	2000	08-05-67
1/2		SODIUM	1013	1.0000		08-03-67	2000	2DTH-KE		1.000	08-04-67	2000	08-05-67
1/2		AL-CU	1019	1.0000		08-11-67	1025	2DTH-KE		1.000	08-12-67	1025	08-14-67
1/2		AL-CU	1020	1.0000		08-11-67	1025	2DTH-KE		1.000	08-12-67	1025	08-14-67
1/2		STD	1024	.0007		07-18-67	0950	2DTH-KE		1.000	07-18-67	1000	07-18-67
1/2		STD	1025	.0007		07-18-67	0950	2DTH-KE		1.000	07-18-67	1000	07-18-67
1/2		STD	1026	.0007		07-18-67	0950	2DTH-KE		1.000	07-18-67	1000	07-18-67
1/2		STD	1027	.0007		07-18-67	0950	2DTH-KE		1.000	07-18-67	1000	07-18-67
1/2		STD	1028	.0007		07-18-67	0950	2DTH-KE		1.000	07-18-67	1000	07-18-67
1/7		GRAPH	0P14	595.8708		03-05-65	0806	3CTH-KE	0-2980	1.000	05-06-67	1750	05-30-67

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IDENTIFICATION				OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
177		GRAPH	0P12	621.8708		01-28-65	1810	3CTH-KE	Q-2953	1.000	7.9+21	05-06-67	1750	05-30-67
184		VRS	2289	.9028		07-15-67	0900	2ATH-KW		1.000	8.4+18	07-17-67	0640	07-17-67
184		VRS	2290	.9028		07-15-67	0900	2ATH-KW		1.000	8.4+18	07-17-67	0640	07-17-67
184		VRS	2202	.8403		07-27-67	1020	2ATH-KE		1.000	1.4+18	07-28-67	0630	07-28-67
184		VRS	2203	.8403		07-27-67	1020	2ATH-KE		1.000	1.4+18	07-28-67	0630	07-28-67
184		VRS	2204	.8194		07-26-67	1050	2ATH-KW		1.000	7.6+18	07-27-67	0630	07-27-67
184		VRS	2205	.8194		07-26-67	1050	2ATH-KW		1.000	7.6+18	07-27-67	0630	07-27-67
184		VRS	2206	.8854		07-30-67	0915	2ATH-KW		1.000	8.2+18	07-31-67	0630	07-31-67
184		VRS	2207	.8854		07-30-67	0915	2ATH-KW		1.000	8.2+18	07-31-67	0630	07-31-67
184		VRS	2208	.8160		07-31-67	1055	2ATH-KW		1.000	7.6+18	08-01-67	0630	08-01-67
184		VRS	2209	.8785		08-01-67	0935	2ATH-KW		1.000	1.5+18	08-02-67	0640	08-02-67
184		VRS	2210	.8507		08-02-67	1005	2ATH-KW		1.000	7.9+18	08-03-67	0630	08-03-67
184		VRS	2211	.8507		08-02-67	1005	2ATH-KW		1.000	7.9+18	08-03-67	0630	08-03-67
184		VRS	2212	.8681		08-03-67	0940	2ATH-KW		1.000	1.5+18	08-04-67	0630	08-04-67
184		VRS	2213	1.0000		08-04-67	1400	2ATH-KW		1.000	9.3+18	08-05-67	1400	08-06-67
184		PLAS	6343	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6344	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6345	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6346	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6347	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6348	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6349	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6350	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6351	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6352	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6353	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6354	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6355	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6356	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6357	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		PLAS	6358	.0007		07-23-67	0950	2ATH-KW		1.000	5.9+14	07-23-67	1030	07-24-67
184		VRS	2291	.8611		07-17-67	1020	2DTH-KE		1.000	8.0+18	07-18-67	0640	07-18-67
184		VRS	2292	.8611		07-17-67	1020	2DTH-KE		1.000	8.0+18	07-18-67	0640	07-18-67
184		VRS	2293	.8646		07-18-67	1030	2DTH-KE		1.000	8.0+18	07-19-67	0645	07-19-67
184		VRS	2294	.8646		07-18-67	1030	2DTH-KE		1.000	8.0+18	07-19-67	0645	07-19-67
184		VRS	2295	.8646		07-19-67	1000	2DTH-KE		1.000	8.0+18	07-20-67	0645	07-20-67
184		VRS	2296	.8646		07-19-67	1000	2DTH-KE		1.000	8.0+18	07-20-67	0645	07-20-67
184		VRS	2297	.8472		07-20-67	1010	2DTH-KE		1.000	7.2+17	07-21-67	0630	07-21-67

DECLASSIFIED

IDENTIFICATION				OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
184		VRS	2598	.8472		07-20-67	1010	2DTH-KE		1.000	1.4+18	07-21-67	0630	07-21-67
184		VRS	2599	.8472		07-20-67	1010	2DTH-KE		1.000	1.4+18	07-21-67	0630	07-21-67
184		VRS	2600	.8854		07-24-67	0915	2DTH-KE		1.000	8.2+18	07-25-67	0630	07-25-67
184		VRS	2601	.8854		07-24-67	0915	2DTH-KE		1.000	8.2+18	07-25-67	0630	07-25-67
184		VRS	2614	.9167		08-06-67	0845	2DTH-KE		1.000	8.5+18	08-07-67	0645	08-07-67
184		VRS	2615	.9167		08-06-67	0845	2DTH-KE		1.000	8.5+18	08-07-67	0645	08-07-67
184		VRS	2616	.8750		08-07-67	1045	2DTH-KE		1.000	1.5+18	08-08-67	0745	08-08-67
184		VRS	2617	.8750		08-07-67	1045	2DTH-KE		1.000	1.5+18	08-08-67	0745	08-08-67
184		VRS	2618	.3403		08-08-67	1035	2DTH-KE		1.000	7.8+18	08-09-67	0645	08-09-67
184		VRS	2619	.8403		08-08-67	1035	2DTH-KE		1.000	7.8+18	08-09-67	0645	08-09-67
184		VRS	2620	.8403		08-08-67	1035	2DTH-KE		1.000	7.8+18	08-09-67	0645	08-09-67
184		VRS	2621	.8333		08-09-67	1045	2DTH-KE		1.000	7.8+18	08-10-67	0645	08-10-67
184		VRS	2622	.8333		08-09-67	1045	2DTH-KE		1.000	7.8+18	08-10-67	0645	08-10-67
184		VRS	2623	.8264		08-10-67	1055	2DTH-KE		1.000	1.4+18	08-11-67	0643	08-11-67
184		VRS	2624	.8264		08-10-67	1055	2DTH-KE		1.000	1.4+18	08-11-67	0643	08-11-67
184		VRS	2625	.9062		08-13-67	0855	2DTH-KE		1.000	8.4+18	08-14-67	0640	08-14-67
184		VRS	2626	.9062		08-13-67	0855	2DTH-KE		1.000	8.4+18	08-14-67	0640	08-14-67
184		VRS	2627	.8785		08-14-67	0940	2DTH-KE		1.000	1.5+18	08-15-67	0645	08-15-67
184		VRS	2628	.8785		08-14-67	0940	2DTH-KE		1.000	1.5+18	08-15-67	0645	08-15-67
184		PLAS	6359	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6360	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6361	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6362	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6363	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6364	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6365	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6366	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6367	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6368	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6369	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
184		PLAS	6370	.0007		08-05-67	1102	2DTH-KE		1.000	5.9+14	08-05-67	1127	08-05-67
222		U	P-10	106.0872		04-22-67	1332	3CTH-KW		1.000	1.3+21	07-23-67	1657	07-30-67
256		HAST-X	HT-1	102.2556		01-01-67	0230	3ATH-KW		1.000	9.5+20	04-30-67	0516	05-30-67
256		ZIRC	4-22	34.2381		03-20-67	0806	3DTH-KW		1.000	3.2+20	04-30-67	0516	05-30-67
243		MO	0152	9.1214		05-04-67	1515	4CTH-KW		1.000	1.2+20	05-18-67	1100	05-30-67
243		MO	0153	9.1214		05-04-67	1515	4CTH-KW		1.000	1.2+20	05-18-67	1100	05-30-67
243		MO	0155	9.1214		05-04-67	1515	4CTH-KW		1.000	1.2+20	05-18-67	1100	05-30-67
243		NI	0157	9.1214		05-04-67	1515	4CTH-KW		1.000	1.2+20	05-18-67	1100	05-30-67

REPRODUCED
 FROM
 DUN-525

IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE	
TIR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME		
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH															
243		WT	0129	13,3020		05-04-67	1515	4CTH-KW		1.000	1.7+20	06-02-67	1430	05-30-67	
254		WATER	0430	2,7361		07-22-67	1300	2ATH-KW		1.000	2.5+19	07-25-67	0640	07-26-67	
254		SALT	0431	.0417		07-25-67	0740	2ATH-KW		1.000	3.9+17	07-26-67	0840	07-27-67	
254		IF	0432	.0104		08-04-67	1500	2ATH-KW		1.000	9.7+16	08-04-67	1315	08-05-67	
254		SALT	0429	.0417		07-17-67	0950	2DTH-KE		1.000	3.9+17	07-17-67	1050	07-18-67	
271		SEP-U	0067	2,9340		07-14-67	1115	2ATH-KW		1.000	2.7+19	07-17-67	0930	07-18-67	
271		NP	0068	12,0000		07-21-67	1020	2ATH-KW		1.000	1.1+20	08-07-67	1110	08-08-50	
271		SEP-U	0069	2,8819		08-04-67	1400	2ATH-KW		1.000	2.7+19	08-07-67	1110	08-08-67	
288		JN-PUN	0006	512,1646		12-06-65	0350	0663-C		.959	4.5+21	02-12-67	0145	05-30-67	
288		JN-PUN	0007	512,1646		12-06-65	0350	0663-C		.959	4.5+21	02-12-67	0145	05-30-67	
288		JN-PUN	0010	512,1646		12-06-65	0350	0663-C		.662	3.1+21	02-12-67	0145	05-30-67	
288		JN-PUN	0011	512,1646		12-06-65	0350	0663-C		.662	3.1+21	02-12-67	0145	05-30-67	
309		J-PU	0012	.7750		07-19-67	1424	28TH-KE		1.000	7.2+18	07-20-67	0900	07-21-67	
364		RU	0002	15,0000		04-23-67	0940	2ATH-KW		1.000	1.4+20	05-10-67	1537	05-30-67	
368		RU	0003	25,0000		04-23-67	0940	2ATH-KW		1.000	2.3+20	05-30-67	1315	06-10-67	
368		RU	0004	19,0000		07-03-67	1400	2DTH-KE		1.000	1.8+20	08-09-67	0645	08-14-67	

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