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**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
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5. TT Claudson
6. AJ Jervis
7. RD Leggett

STATUS OF IRRADIATIONS PERFORMED BY
TESTING AND IRRADIATION SERVICES FOR BNW
AS OF NOVEMBER 12, 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 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.

Supervisor
Irradiation Testing

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TSR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
177		GRAPH	A005	248, 1989		01-06-67	2145	8TH =C	0-2074	1.000	1-7-21			
177		GRAPH	A007	248, 1989		01-06-67	2145	8TH =C	0-2077	1.000	1-7-21			
177		GRAPH	A008	248, 1989		01-06-67	2145	8TH =C	0-2065	1.000	1-7-21			
177		GRAPH	01-3	105, 7672		06-30-67	0842	8TH =C	0-2069	1.000	7-2-20			
177		GRAPH	01-4	105, 7672		06-30-67	0842	8TH =C	0-2083	1.000	7-2-20			
177		GRAPH	0X-2	105, 7672		06-30-67	0842	8TH =C	0-2080	1.000	7-2-20			
177		GRAPH	0X-3	105, 7672		06-30-67	0842	8TH =C	0-2086	1.000	7-2-20			
177		GRAPH	0001	154, 5394		04-30-67	0352	8TH =C	0-2062	1.000	1-0-21			
177		GRAPH	0005	154, 5394		04-30-67	0352	8TH =C	0-2071	1.000	1-0-21			
177		GRAPH	0002	154, 5394		04-30-67	0352	8TH =C	0-2059	1.000	1-0-21			
177		GRAPH	0006	154, 5394		04-30-67	0352	8TH =C	0-2068	1.000	1-0-21			
177		GRAPH	0009	39, 3468		09-22-67	0608	3ATH=KE	0-2984	1.000	3-7-20			
177		GRAPH	A002	39, 3468		09-22-67	0608	3ATH=KE	0-2977	1.000	3-7-20			
177		GRAPH	A003	39, 3468		09-22-67	0608	3ATH=KE	0-2981	1.000	3-7-20			
177		GRAPH	ANCH	412, 4119		05-06-66	1410	48TH=KE	0-4382	1.000	5-2-21			
177		GRAPH	0006	412, 4119		05-06-66	1410	48TH=KE	0-4367	1.000	5-2-21			
177		GRAPH	0140	412, 4119		05-06-66	1410	48TH=KE	0-4379	1.000	5-2-21			
177		GRAPH	0143	412, 4119		05-06-66	1410	48TH=KE	0-4376	1.000	5-2-21			
177		GRAPH	0188	412, 4119		05-06-66	1410	48TH=KE	0-4364	1.000	5-2-21			
177		GRAPH	0189	412, 4119		05-06-66	1410	48TH=KE	0-4361	1.000	5-2-21			
177		GRAPH	0190	412, 4119		05-06-66	1410	48TH=KE	0-4373	1.000	5-2-21			
177		GRAPH	0191	412, 4104		05-06-66	1410	48TH=KE	0-4370	1.000	5-2-21			
177		GRAPH	0192	412, 4104		05-06-66	1410	48TH=KE	0-4358	1.000	5-2-21			
177		GRAPH	0193	412, 4104		05-06-66	1410	48TH=KE	0-4355	1.000	5-2-21			
222		CO	0-111	48, 3320		09-06-67	1356	3674=KW		1.000	7-8-20			
222		U	0-115	31, 0167		10-09-67	0335	3865=KW		1.000	5-0-20			
236		STEEL	4-16	666, 7518		02-28-65	1432	20TH=KW		1.000	8-5-21			
236		ZR	4-28	71, 7548		08-13-67	0615	3ATH=KE		1.000	6-7-20			
236		ZIRC	4-27	142, 1533		05-27-67	1452	38TH=KW		1.000	1-8-21			
236		SS	4-32	152, 9018		05-03-67	0626	30TH=KW		1.000	1-5-21			
243		NOLY	0160	2, 0104		10-20-67	0930	40TH=KW		1.000	2-6-19			
243		NOLY	0161	2, 0104		10-20-67	0930	40TH=KW		1.000	2-6-19			
243		NOLY	0162	2, 0104		10-20-67	0930	40TH=KW		1.000	2-6-19			
259		HASTLY	0A-3	762, 3414		12-23-64	2255	EYH =C	0-2177	1.000	3-0-21			
259		HASTLY	0A-4	762, 3414		12-23-64	2255	EYH =C	0-2175	1.000	3-0-21			
307		FLYMON	0001	822, 7518		10-20-64	0526	38TH=KW		1.000	1-0-22			
308		VPS	0006	39, 3508		09-22-67	0608	20TH=KE	6-2256	1.000	3-7-20			
372		S-CON	05-1	129, 6165		06-09-67	0038	36TH=KE		1.000	1-6-21			

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IDENTIFICATION				OPERATING TIME (DAYS)	C M 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															
372		SrCON	05-2	129.6165		06-09-67	0038	3CTH=KE		1,000	1,6+21				
372		SrCON	05-3	129.6165		06-09-67	0038	3CTH=KE		1,000	1,6+21				
375		VRS	0001	38.7468		09-22-67	0608	2DTH=KE	6-2273	1,000	3,6+20				
375		VRS	0002	38.7468		09-22-67	0608	2DTH=KE	6-2272	1,000	3,6+20				
375		VRS	0003	38.7468		09-22-67	0608	2DTH=KE	6-2271	1,000	3,6+20				
375		VRS	0004	38.7468		09-22-67	0608	2DTH=KE	6-2270	1,000	3,6+20				
375		VRS	0005	38.7468		09-22-67	0608	2DTH=KE	6-2269	1,000	3,6+20				
375		VRS	0006	38.7468		09-22-67	0608	2DTH=KE	6-2268	1,000	3,6+20				
375		VRS	0007	38.7468		09-22-67	0608	2DTH=KE	6-2267	1,000	3,6+20				
375		VRS	0008	38.7468		09-22-67	0608	2DTH=KE	6-2266	1,000	3,6+20				
375		VRS	0009	38.7468		09-22-67	0608	2DTH=KE	6-2265	1,000	3,6+20				
375		VRS	0010	38.7468		09-22-67	0608	2DTH=KE	6-2264	1,000	3,6+20				
375		VRS	0011	38.7468		09-22-67	0608	2DTH=KE	6-2263	1,000	3,6+20				
375		VRS	0012	38.7468		09-22-67	0608	2DTH=KE	6-2262	1,000	3,6+20				
375		VRS	0013	38.7468		09-22-67	0608	2DTH=KE	6-2261	1,000	3,6+20				
375		VRS	0014	38.7468		09-22-67	0608	2DTH=KE	6-2260	1,000	3,6+20				
375		VRS	0015	38.7468		09-22-67	0608	2DTH=KE	6-2259	1,000	3,6+20				
375		VRS	0016	38.7468		09-22-67	0608	2DTH=KE	6-2258	1,000	3,6+20				

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE N V T	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.														
222		U	P-15	145.9636		02-08-67	0745	3674-KW		1.000	2.3+21	08-08-67	0745	
222		U	P-14	93.8213		05-27-67	1452	3865-KW		1.000	1.5+21	09-13-67	2312	
243		VARIOUS	0127	303.2189		01-20-66	1500	4CTH-KW		1.000	3.6+21	09-13-67	2312	
243		VARIOUS	0132	262.5189		03-14-66	2222	4CTH-KW		1.000	3.1+21	09-13-67	2312	
295		U	0001	1089.1671		12-11-63	1846	3469-B		.224	2.3+21	11-06-67	1425	

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE N V T	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														
172	DECLASSIFIED	FILTER	1095	.0417		09-19-67	1730	2ATH-KW		1.000	3.9+17	09-19-67	1830	09-20-67
172		FILTER	1096	.0417		09-19-67	1730	2ATH-KW		1.000	3.9+17	09-19-67	1830	09-20-67
172		FILTER	1097	.0417		09-19-67	1730	2ATH-KW		1.000	3.9+17	09-19-67	1830	09-20-67
172		FILTER	1098	.0417		09-19-67	1730	2ATH-KW		1.000	3.9+17	09-19-67	1830	09-20-67
172		FILTER	1099	.0417		09-19-67	1730	2ATH-KW		1.000	3.9+17	09-19-67	1830	09-20-67
172		FILTER	1100	.0417		09-19-67	1730	2ATH-KW		1.000	3.9+17	09-19-67	1830	09-20-67
172		FILTER	1101	.0417		09-19-67	2045	2ATH-KW		1.000	3.9+17	09-19-67	2145	09-20-67
172		FILTER	1102	.0417		09-19-67	2045	2ATH-KW		1.000	3.9+17	09-19-67	2145	09-20-67
172		FILTER	1103	.0417		09-19-67	2045	2ATH-KW		1.000	3.9+17	09-19-67	2145	09-20-67
172		FILTER	1104	.0417		09-19-67	2045	2ATH-KW		1.000	3.9+17	09-19-67	2145	09-20-67
172		FILTER	1105	.0417		09-19-67	2045	2ATH-KW		1.000	3.9+17	09-19-67	2145	09-20-67
172		BLOOD	1164	.0208		10-16-67	1815	2ATH-KW		1.000	1.9+17	10-16-67	1845	10-18-67
172		BLOOD	1165	.0208		10-16-67	1815	2ATH-KW		1.000	1.9+17	10-16-67	1845	10-18-67
172		BLOOD	1166	.0208		10-16-67	1815	2ATH-KW		1.000	1.9+17	10-16-67	1845	10-18-67
172		BLOOD	1167	.0208		10-16-67	1815	2ATH-KW		1.000	1.9+17	10-16-67	1845	10-18-67
172		BLOOD	1168	.0208		10-16-67	1815	2ATH-KW		1.000	1.9+17	10-16-67	1845	10-18-67
172		BLOOD	1169	.0208		10-16-67	1815	2ATH-KW		1.000	1.9+17	10-16-67	1845	10-18-67
172		PLA	1172	.0069		10-20-67	1328	2ATH-KW		1.000	6.4+16	10-20-67	1338	10-23-67
172		PLA	1173	.0069		10-20-67	1328	2ATH-KW		1.000	6.4+16	10-20-67	1338	10-23-67
172		PLA	1174	.0069		10-20-67	1328	2ATH-KW		1.000	6.4+16	10-20-67	1338	10-23-67
172		PLA	1175	.0069		10-20-67	1328	2ATH-KW		1.000	6.4+16	10-20-67	1338	10-23-67
172		SALTS	1176	.0833		10-30-67	1115	2ATH-KW		1.000	7.0+16	10-30-67	1315	10-31-67
172		SALTS	1177	.0833		10-30-67	1115	2ATH-KW		1.000	1.4+17	10-30-67	1315	10-31-67
172		FILTER	1178	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1179	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1180	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1181	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1182	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1183	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1184	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1185	.0243		10-30-67	1505	2ATH-KW		1.000	2.3+17	10-30-67	1540	10-31-67
172		FILTER	1186	.0208		10-30-67	2105	2ATH-KW		1.000	1.9+17	10-30-67	2135	10-31-67
172	FILTER	1187	.0208		10-30-67	2105	2ATH-KW		1.000	1.9+17	10-30-67	2135	10-31-67	
172	FILTER	1188	.0208		10-30-67	2105	2ATH-KW		1.000	1.9+17	10-30-67	2135	10-31-67	
172	FILTER	1189	.0208		10-30-67	2105	2ATH-KW		1.000	1.9+17	10-30-67	2135	10-31-67	
172	FILTER	1190	.0208		10-30-67	2105	2ATH-KW		1.000	1.9+17	10-30-67	2135	10-31-67	
172	FILTER	1191	.0208		10-30-67	2105	2ATH-KW		1.000	1.9+17	10-30-67	2135	10-31-67	
172	BIO	1192	.0139		10-31-67	1500	2ATH-KW		1.000	1.3+17	10-31-67	1520	11-01-67	

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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														
172	DECLASSIFIED	BIO	1193	.0139		10-31-67	1500	2ATH-KW		1.000	1.3+17	10-31-67	1520	11-01-67
172		BIO	1194	.0139		10-31-67	1500	2ATH-KW		1.000	1.3+17	10-31-67	1520	11-01-67
172		BIO	1195	.0139		10-31-67	1500	2ATH-KW		1.000	1.3+17	10-31-67	1520	11-01-67
172		BIO	1196	.0139		10-31-67	1500	2ATH-KW		1.000	1.3+17	10-31-67	1520	11-01-67
172		BIO	1197	.0139		10-31-67	1500	2ATH-KW		1.000	1.3+17	10-31-67	1520	11-01-67
172		BIO	1198	.0139		11-01-67	1323	2ATH-KW		1.000	1.3+17	11-01-67	1343	11-02-67
172		BIO	1199	.0139		11-01-67	1323	2ATH-KW		1.000	1.3+17	11-01-67	1343	11-02-67
172		BIO	1200	.0139		11-01-67	1323	2ATH-KW		1.000	1.3+17	11-01-67	1343	11-02-67
172		BIO	1201	.0139		11-01-67	1323	2ATH-KW		1.000	1.3+17	11-01-67	1343	11-02-67
172		BIO	1202	.0139		11-01-67	1323	2ATH-KW		1.000	1.3+17	11-01-67	1343	11-02-67
172		BIO	1203	.0139		11-01-67	1323	2ATH-KW		1.000	1.3+17	11-01-67	1343	11-02-67
172		BIO	1204	.0139		11-01-67	2115	2ATH-KW		1.000	1.3+17	11-01-67	2135	11-02-67
172		BIO	1205	.0139		11-01-67	2115	2ATH-KW		1.000	1.3+17	11-01-67	2135	11-02-67
172		BIO	1206	.0139		11-01-67	2115	2ATH-KW		1.000	1.3+17	11-01-67	2135	11-02-67
172		BIO	1207	.0139		11-01-67	2115	2ATH-KW		1.000	1.3+17	11-01-67	2135	11-02-67
172		BIO	1208	.0139		11-01-67	2115	2ATH-KW		1.000	1.3+17	11-01-67	2135	11-02-67
172		PLA	1170	1.0000		10-20-67	1305	2DTH-KE		1.000	8.5+17	10-21-67	1305	10-23-67
172		PLA	1171	1.0000		10-20-67	1305	2DTH-KE		1.000	8.5+17	10-21-67	1305	10-23-67
172		PLA	1209	.0208		11-04-67	0950	2DTH-KE		1.000	1.9+17	11-04-67	1020	11-04-67
172		PLA	1210	.0208		11-04-67	0950	2DTH-KE		1.000	1.9+17	11-04-67	1020	11-04-67
172		PLA	1211	.0208		11-04-67	0950	2DTH-KE		1.000	1.9+17	11-04-67	1020	11-04-67
172		PLA	1212	.0208		11-04-67	0950	2DTH-KE		1.000	1.9+17	11-04-67	1020	11-04-67
172		PLA	1213	.0208		11-04-67	0950	2DTH-KE		1.000	1.9+17	11-04-67	1020	11-04-67
172		SALTS	1214	.0069		11-06-67	1045	2DTH-KE		1.000	6.4+16	11-06-67	1055	11-07-67
172		SALTS	1215	.0069		11-06-67	1045	2DTH-KE		1.000	6.4+16	11-06-67	1055	11-07-67
172		SALTS	1216	.0069		11-06-67	1045	2DTH-KE		1.000	6.4+16	11-06-67	1055	11-07-67
172		PLAS	1232	1.0000		11-10-67	1315	2DTH-KE		1.000	7.6+17	11-11-67	1315	11-12-67
172		PLAS	1233	1.0000		11-10-67	1315	2DTH-KE		1.000	8.5+17	11-11-67	1315	11-12-67
172		PLAS	1234	1.0000		11-10-67	1315	2DTH-KE		1.000	8.5+17	11-11-67	1315	11-12-67
172		PLAS	1235	1.0000		11-10-67	1315	2DTH-KE		1.000	1.7+18	11-11-67	1315	11-12-67
172		PLAS	1236	1.0000		11-10-67	1315	2DTH-KE		1.000	1.7+18	11-11-67	1315	11-12-67
184		VRS	2713	.8681		10-22-67	0945	2ATH-KW		1.000	8.1+18	10-23-67	0635	10-23-67
184		VRS	2714	.8681		10-22-67	0945	2ATH-KW		1.000	8.1+18	10-23-67	0635	10-23-67
184		VRS	2733	.8507		11-06-67	1015	2ATH-KW		1.000	7.9+18	11-07-67	0640	11-07-67
184		VRS	2734	.8507		11-06-67	1015	2ATH-KW		1.000	7.9+18	11-07-67	0640	11-07-67
184		VRS	2737	.8542		11-08-67	1010	2ATH-KW		1.000	7.9+18	11-09-67	0640	11-09-67
184		VRS	2738	.8542		11-08-67	1010	2ATH-KW		1.000	7.9+18	11-09-67	0640	11-09-67
184		PLAS	6399	.0007		10-22-67	0920	2ATH-KW		1.000	5.9+14	10-22-67	0921	10-23-67

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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 WERE SHIPPED DURING THE MONTH														
184	DECLASSIFIED	PLAS	6400	.0007	10-22-67	0922	2ATH-KW		1.000	5.9+14	10-22-67	0923	10-23-67	
184		PLAS	6401	.0007	10-22-67	0924	2ATH-KW		1.000	5.9+14	10-22-67	0925	10-23-67	
184		PLAS	6402	.0007	10-22-67	0926	2ATH-KW		1.000	5.9+14	10-22-67	0927	10-23-67	
184		PLAS	6403	.0007	10-22-67	0928	2ATH-KW		1.000	5.9+14	10-22-67	0929	10-23-67	
184		PLAS	6404	.0007	10-22-67	0930	2ATH-KW		1.000	5.9+14	10-22-67	0931	10-23-67	
184		PLAS	6405	.0007	10-22-67	0932	2ATH-KW		1.000	5.9+14	10-22-67	0933	10-23-67	
184		PLAS	6406	.0007	10-22-67	0934	2ATH-KW		1.000	5.9+14	10-22-67	0935	10-23-67	
184		PLAS	6407	.0007	10-22-67	0936	2ATH-KW		1.000	5.9+14	10-22-67	0937	10-23-67	
184		PLAS	6408	.0007	10-22-67	0938	2ATH-KW		1.000	5.9+14	10-22-67	0939	10-23-67	
184		PLAS	6409	.0007	10-22-67	0940	2ATH-KW		1.000	5.9+14	10-22-67	0941	10-23-67	
184		VRS	2713	.7674	10-23-67	1110	2DTH-KE		1.000	7.1+18	10-24-67	0635	10-24-67	
184		VRS	2716	.7674	10-23-67	1110	2DTH-KE		1.000	7.1+18	10-24-67	0635	10-24-67	
184		VRS	2717	.8437	10-24-67	1020	2DTH-KE		1.000	7.9+18	10-25-67	0635	10-25-67	
184		VRS	2718	.8437	10-24-67	1020	2DTH-KE		1.000	7.9+18	10-25-67	0635	10-25-67	
184		VRS	2719	.8125	10-25-67	1105	2DTH-KE		1.000	7.6+18	10-26-67	0635	10-26-67	
184		VRS	2720	.8125	10-25-67	1105	2DTH-KE		1.000	7.6+18	10-26-67	0635	10-26-67	
184		VRS	2721	.8542	10-26-67	1005	2DTH-KE		1.000	7.9+18	10-27-67	0635	10-27-67	
184		VRS	2722	.8542	10-26-67	1005	2DTH-KE		1.000	7.9+18	10-27-67	0635	10-27-67	
184		VRS	2723	.9215	10-29-67	0838	2DTH-KE		1.000	8.6+18	10-30-67	0635	10-30-67	
184		VRS	2724	.9215	10-29-67	0838	2DTH-KE		1.000	8.6+18	10-30-67	0635	10-30-67	
184		VRS	2725	.8472	10-30-67	1025	2DTH-KE		1.000	7.9+18	10-31-67	0645	10-31-67	
184		VRS	2726	.8472	10-30-67	1025	2DTH-KE		1.000	7.9+18	10-31-67	0645	10-31-67	
184		VRS	2727	.8646	10-31-67	1000	2DTH-KE		1.000	8.0+18	11-01-67	0645	11-01-67	
184		VRS	2728	.8646	10-31-67	1000	2DTH-KE		1.000	8.0+18	11-01-67	0645	11-01-67	
184		VRS	2729	.8333	11-01-67	1045	2DTH-KE		1.000	7.8+18	11-02-67	0645	11-02-67	
184		VRS	2730	.8333	11-01-67	1045	2DTH-KE		1.000	7.8+18	11-02-67	0645	11-02-67	
184		VRS	2731	.9097	11-05-67	0850	2DTH-KE		1.000	8.5+18	11-06-67	0640	11-06-67	
184		VRS	2732	.9097	11-05-67	0850	2DTH-KE		1.000	8.5+18	11-06-67	0640	11-06-67	
184		VRS	2733	.8611	11-07-67	1000	2DTH-KE		1.000	1.5+18	11-08-67	0640	11-08-67	
184		VRS	2736	.8611	11-07-67	1000	2DTH-KE		1.000	1.5+18	11-08-67	0640	11-08-67	
184		VRS	2739	.8611	11-09-67	1000	2DTH-KE		1.000	1.5+18	11-10-67	0640	11-10-67	
184		VRS	2740	.8611	11-09-67	1000	2DTH-KE		1.000	1.5+18	11-10-67	0640	11-10-67	
184		PLAS	6410	.0007	10-29-67	0834	2DTH-KE		1.000	5.9+14	10-29-67	0835	10-30-67	
184		PLAS	6411	.0007	10-29-67	0836	2DTH-KE		1.000	5.9+14	10-29-67	0837	10-30-67	
243		DIAM	0151	14.1076	10-30-67	1330	2BTH-KE		1.000	1.8+20	11-03-67	1505	11-06-67	
243		MO	0154	20.2916	05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	11-15-67	
243		MO	0155	20.2916	05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	11-15-67	
243		NI	0158	20.2916	05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	11-15-67	

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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	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH													
243		MOLY	0163	2.0104		10-20-67	0930	40TH-KW		2.6+19	10-22-67	0945	11-15-67
271		NP	0073	17.5604		10-13-67	2330	2ATH-KW		1.6+20	11-12-67	1200	11-13-67
271		U	0076	5.9583		10-31-67	1500	2ATH-KW		5.5+19	11-06-67	1400	11-06-67
271		DEP-U	0077	3.0208		11-09-67	1130	2ATH-KW		2.8+19	11-12-67	1200	11-14-67
307		FL-MON	0001	.1146		10-24-67	1300	28TH-KE		1.5+18	10-24-67	1545	10-25-67
346		AS	0019	.4340		11-08-67	2005	2ATH-KW		4.0+18	11-09-67	1030	10-10-67
370		SS	0002	2.0042		10-26-67	1035	2DTH-KE		1.9+19	10-28-67	1040	10-30-67
370		SS	0003	1.0042		10-27-67	1035	2DTH-KE		9.3+18	10-28-67	1040	10-30-67
370		SS	0004	.7500		10-27-67	1640	2DTH-KE		7.0+18	10-28-67	1040	10-30-67
377		CIG	0001	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0002	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0003	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0004	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0005	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0006	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0007	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0008	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0009	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67
377		CIG	0010	.0069		10-27-67	0952	28TH-KE		8.8+16	10-27-67	1002	10-29-67

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