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**Pacific Northwest Laboratory
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TITLE

STATUS OF IRRADIATIONS PERFORMED BY
TESTING FOR PNL AS OF ~~5 NOV 67~~ DECEMBER 20, 1965

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AUTHOR

J. H. Ferguson

MAR 23 1966

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By J E Savely 10-4-94

Verified By Jerri Moley
10-19-94

STATUS OF IRRADIATIONS PERFORMED BY
TESTING FOR PNL AS OF ~~DECEMBER 10, 1965~~

January 13, 1966

J. H. Ferguson

DOUGLAS UNITED NUCLEAR, INC.

RICHLAND, WASHINGTON

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MASTER

This report itemizes the irradiations performed by Irradiation Testing for Pacific Northwest Laboratory. It lists the material undergoing irradiation, 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 Irradiation Testing to an experiment for purposes of identification.
- b. Request Number - Customer experiment identification number, if any.
- c. Material - The principal target material, if known, abbreviated or its chemical symbol in capital letters.
- d. PT or Standard Number - Production test or Process Standard authorizing the irradiation.
- e. Piece Number - Individual sample or assembly identification.

Operating Time (days) - Does not apply to this report.

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

Charge Date - Date sample charged in reactor. If more precise time is required, contact Irradiation Testing.

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 the facility or sample in relation to a front-to-rear cosine flux distribution.

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

- a. MWD/AT - Does not apply to this report.

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- b. NVT X 10¹⁹ - Total thermal neutron exposure per square centimeter received by the surrounding uranium columns. Exposure received by the sample is subject to various variables and is left to the customer for extrapolation. Test Engineering will assist any customer with this extrapolation.

Discharge Date - Date samples were removed from the reactor. If a more precise time is required, contact Irradiation Testing.

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

JH Ferguson
Supervisor
Irradiation Testing

JH Ferguson:msp

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FORM 10-1 (10-65)															PAGE NO.
IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIP DATA	
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	NVT X 10 ¹⁹			
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.															
119		GRAPH	A-010	A285			07-07-65	2ATH-KW	1-2267	.751		61.4			
119		GRAPH	A-010	A286			07-07-65	2ATH-KW	2-2272	.751		61.3			
119		GRAPH	A-010	A287			07-07-65	2ATH-KW	3-2272	.751		61.3			
119		GRAPH	A-010	A288			07-07-65	2ATH-KW	4-2272	.751		61.3			
119		GRAPH	A-010	A291			07-07-65	2ATH-KW	5-2272	.751		61.3			
119		GRAPH	A-010	A292			07-07-65	2ATH-KW	6-2272	.751		61.3			
119		GRAPH	A-010	A295			07-07-65	2ATH-KW	1-2272	.751		61.3			
119		GRAPH	A-010	A296			07-07-65	2ATH-KW	2-2276	.751		62.3			
119		GRAPH	A-010	A297			07-07-65	2ATH-KW	3-2276	.751		62.3			
119		GRAPH	A-010	A298			07-07-65	2ATH-KW	4-2276	.751		62.3			
119		GRAPH	A-010	A300			07-07-65	2ATH-KW	5-2276	.751		62.3			
119		GRAPH	A-010	A301			07-07-65	2ATH-KW	6-2276	.751		62.3			
119		GRAPH	A-010	A302			07-07-65	2ATH-KW	1-2276	.751		62.3			
119		GRAPH	A-010	A303			07-07-65	2ATH-KW	2-2281	.751		62.9			
119		GRAPH	A-010	A304			07-07-65	2ATH-KW	3-2281	.751		62.9			
119		GRAPH	A-010	A305			07-07-65	2ATH-KW	4-2281	.751		62.9			
119		GRAPH	A-010	A314			07-07-65	2ATH-KW	6-2267	.751		61.6			
119		GRAPH	A-010	A315			07-07-65	2ATH-KW	5-2267	.751		61.4			
119		GRAPH	A-010	A316			07-07-65	2ATH-KW	4-2267	.751		61.4			
119		GRAPH	A-010	A317			07-07-65	2ATH-KW	3-2267	.751		61.4			
119		GRAPH	A-010	A318			07-07-65	2ATH-KW	2-2267	.751		61.4			
119		GRAPH	A-010	A319			07-07-65	2ATH-KW	1-2262	.751		62.7			
119		GRAPH	A-010	A320			07-07-65	2ATH-KW	6-2262	.751		62.7			
119		GRAPH	A-010	A321			07-07-65	2ATH-KW	4-2262	.751		62.7			
119		GRAPH	A-010	A322			07-07-65	2ATH-KW	5-2262	.751		62.7			
119		GRAPH	A-010	A323			07-07-65	2ATH-KW	1-2258	.751		57.9			
119		GRAPH	A-010	A324			07-07-65	2ATH-KW	2-2262	.751		62.5			
119		GRAPH	A-010	A325			07-07-65	2ATH-KW	3-2262	.751		62.5			
119		GRAPH	A-010	P-02			07-07-65	2ATH-KW	1-2281	.751		62.9			
119		GRAPH	A-010	P-04			07-07-65	2ATH-KW	2-2286	.751		58.8			
119		GRAPH	A-010	P-80			07-07-65	2ATH-KW	1-2286	.751		58.8			
119		GRAPH	A-010	P-87			07-07-65	2ATH-KW	6-2281	.751		62.8			
119		GRAPH	A-010	P-96			07-07-65	2ATH-KW	5-2281	.751		62.8			
119		GRAPH	A-010	P115			07-07-65	2ATH-KW	3-2286	.751		58.8			
119		GRAPH	A-010	P116			07-07-65	2ATH-KW	4-2286	.751		58.8			
119		GRAPH	A-010	P117			07-07-65	2ATH-KW	5-2286	.751		58.8			
119		GRAPH	A-010	P118			07-07-65	2ATH-KW	6-2286	.751		58.8			
177		GRAPH	A-010	OJ-1			12-03-65	BT H = C	0-2265	.974		24.1			

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IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	NVT X 10 ¹⁹		
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS,														
177		GRAPH	A-010	OJ-2			02-09-66	BTH-C	0-2177	.987		.5		
177		GRAPH	A-010	OJ-3			12-03-65	BTH-C	0-2268	.974		24.2		
177		GRAPH	A-010	OJ-4			02-09-66	BTH-C	0-2180	.987		.5		
177		GRAPH	A-010	OJ-5			02-09-66	BTH-C	0-2174	.987		.5		
177		GRAPH	A-010	OK-3			02-09-66	BTH-C	0-2183	.987		.5		
177		GRAPH	A-010	OK-7			12-03-65	BTH-C	0-2271	.974		23.0		
177		GRAPH	A-010	OK-5			06-18-65	BTH-C	0-2262	.987		70.9		
177		GRAPH	A-010	OK-9			06-18-65	BTH-C	0-2259	.987		70.2		
177		GRAPH	A-010	000K			07-30-65	YTH-C	0-3562	.987		317.4		
177		GRAPH	A-010	S-1			04-27-65	3ATH-KE		.751		.0		
177		GRAPH	A-010	S-2			04-27-65	3ATH-KE		.751		.0		
177		GRAPH	A-010	S-3			04-27-65	3ATH-KE		.751		.0		
177		GRAPH	A-010	S-4			04-27-65	3ATH-KE		.751		.0		
177		GRAPH	A-010	S-5			04-27-65	3ATH-KE		.751		.0		
177		GRAPH	A-010	OB-2			10-22-65	3ATH-KE	0-2964	.751		31.4		
177		GRAPH	A-010	OB-3			10-22-65	3ATH-KE	0-2958	.751		33.5		
177		GRAPH	A-010	OC-3			10-22-65	3ATH-KE	0-2961	.751		33.5		
177		GRAPH	A-010	OC-7			10-22-65	3ATH-KE	0-2967	.751		33.6		
177		GRAPH	A-010	0001			01-14-66	3ATH-KE	0-2970	.751		9.7		
177		GRAPH	A-010	0002			01-14-66	3ATH-KE	0-2973	.751		9.7		
177		GRAPH	A-010	0003			01-14-66	3ATH-KE	0-2976	.751		8.9		
177		GRAPH	A-010	0004			01-14-66	3ATH-KE	0-2979	.751		10.2		
177		GRAPH	A-010	A7			01-26-65	3BTH-KE	0-2958	.974		146.0		
177		GRAPH	A-010	A9			01-26-65	3BTH-KE	0-2961	.974		143.6		
177		GRAPH	A-010	C4			04-12-65	3BTH-KE	0-2970	.974		119.0		
177		GRAPH	A-010	L			01-26-65	3BTH-KE	0-2964	.974		135.1		
177		GRAPH	A-010	S-1			01-26-65	3BTH-KE		.974		.0		
177		GRAPH	A-010	S-2			01-26-65	3BTH-KE		.974		.0		
177		GRAPH	A-010	S-3			01-26-65	3BTH-KE		.974		.0		
177		GRAPH	A-010	S-4			01-26-65	3BTH-KE		.974		.0		
177		GRAPH	A-010	S-5			01-26-65	3BTH-KE		.974		.0		
177		GRAPH	A-010	TC			01-26-65	3BTH-KE	0-2955	.974		138.9		
177		GRAPH	A-010	OA-1			09-15-65	3BTH-KE	0-2970	.974		57.1		
177		GRAPH	A-010	OB-9			09-15-65	3BTH-KE	0-2967	.974		57.0		
177		GRAPH	A-010	OC-5			09-15-65	3BTH-KE	0-2973	.974		56.1		
177		GRAPH	A-010	OC-9			09-15-65	3BTH-KE	0-2988	.974		55.7		
177		GRAPH	A-010	88			04-12-65	3BTH-KE	0-2964	.974		109.5		
177		GRAPH	A-010	P06			01-27-65	3CTH-KE	0-2977	.974		146.4		

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IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	NVT X 10 ¹⁹		
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
177		GRAPH	A-010	P07			01-27-65	3CTH-KW	0-2974	.974		137.1		
177		GRAPH	A-010	P08			01-27-65	3CTH-KW	0-2971	.974		150.6		
177		GRAPH	A-010	P09			01-27-65	3CTH-KW	0-2968	.974		146.5		
177		GRAPH	A-010	P10			01-27-65	3CTH-KW	0-2965	.974		137.1		
177		GRAPH	A-010	P11			01-27-65	3CTH-KW	0-2962	.974		145.4		
177		GRAPH	A-010	P12			01-27-65	3CTH-KW	0-2959	.974		149.8		
177		GRAPH	A-010	P13			01-27-65	3CTH-KW	0-2956	.974		144.9		
177		GRAPH	A-010	P14			03-04-65	3CTH-KW	0-2980	.974		131.0		
177		GRAPH	A-010	P15			01-27-65	3CTH-KW	0-2953	.974		131.0		
177		GRAPH	A-010	S-1			09-10-63	3CTH-KW		.974		.0		
177		GRAPH	A-010	S-2			09-10-63	3CTH-KW		.974		.0		
177		GRAPH	A-010	S-3			09-10-63	3CTH-KW		.974		.0		
177		GRAPH	A-010	S-4			09-10-63	3CTH-KW		.974		.0		
177		GRAPH	A-010	S-5			09-10-63	3CTH-KW		.974		.0		
177		GRAPH	A-010	T1			01-27-65	3CTH-KW	0-2980	.974		143.2		
177		GRAPH	A-010	OSP1			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	OSP2			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	OSP3			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	OSP4			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	UTC1			08-27-64	3CTH-KW	0-2954	.974		171.0		
177		GRAPH	A-010	A2			12-17-64	3DTH-KE	0-2985	.751		124.7		
177		GRAPH	A-010	A3			12-17-64	3DTH-KE	0-2964	.751		114.9		
177		GRAPH	A-010	A8			12-17-64	3DTH-KE	0-2970	.751		123.7		
177		GRAPH	A-010	B1			12-17-64	3DTH-KE	0-2961	.751		122.1		
177		GRAPH	A-010	B4			12-17-64	3DTH-KE	0-2958	.751		124.4		
177		GRAPH	A-010	B5			12-17-64	3DTH-KE	0-2979	.751		116.9		
177		GRAPH	A-010	S-1			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-2			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-3			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-4			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-5			04-27-64	3DTH-KE		.751		.0		
222		U	IP687	0034			11-19-65	2DTH-KW		.751		23.6		
222		U	IP687	0P-9			12-22-65	3865-KW		1.000		20.6		
222		U	IP687	0035			12-22-65	3865-KW		1.000		20.6		
236		STEEL	A-010	4-14			02-26-65	2CTH-KW		.974		95.6		
236		SS	A-010	04			10-20-65	3ATH-KW		.751		32.3		
236		ZIRC	A-010	04-7			07-12-65	3BTH-KW		.974		54.8		
236		STEEL	A-010	4-15			02-26-65	3DTH-KW		.751		95.2		

RECEIVED

IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	NVT X 10 ¹⁹		
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
243		FE	A=010	OS=2			09-22-65	3ATH=KW	0-4387	.974		50.9		
243		FE	A=010	OS=3			09-22-65	3ATH=KW	0-4386	.974		49.0		
243		VARIOS	A=010	0094			09-09-64	4CTH=KW		.974		119.2		
243		VARIOS	A=010	0120			07-26-65	4CTH=KW		.974		51.4		
243		VARIOS	A=010	0121			07-26-65	4CTH=KW		.974		51.4		
243		VRS	A=010	0126			01-20-66	4CTH=KW	0-4387	.974		11.0		
243		VRS	A=010	0127			01-20-66	4CTH=KW		.974		11.0		
243		VRS	A=010	0128			01-20-66	4CTH=KW		.974		11.0		
243		VRS	A=010	0129			01-20-66	4CTH=KW		.974		11.0		
243		VRS	A=010	0130			01-20-66	4CTH=KW		.974		11.0		
243		VRS	A=010	0131			01-20-66	4CTH=KW		.974		11.0		
259		HASTLY	IP563	0A=G			12-22-64	ETH=C	0-2177	.648		91.4		
259		HASTLY	IP563	0A=H			12-22-64	ETH=C	0-2175	.648		88.2		
259		NICKEL	IP563	TC=1			12-23-65	YTH=C	0-3577	.987		17.6		
288		UO=PUO	IP672	0006			02-05-65	0663=C		1.000		112.0		
288		UO=PUO	IP672	0007			02-05-65	0663=C		1.000		112.0		
288		UO=PUO	IP672	0010			02-05-65	0663=C		1.000		112.0		
288		UO=PUO	IP672	0011			02-05-65	0663=C		1.000		112.0		
307		FLXMON	A=010	0001			10-15-64	3BTH=KW		.974		145.9		
307		FLXMON	A=010	0002			04-30-65	3DTH=KW		.751		83.6		

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IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	NVT X 10 ¹⁹		
THE FOLLOWING MATERIAL IS AWAITING DISPOSITION														
177		GRAPH	A-010	0J-6			08-16-65	BT4-C	0-2283	.974		53.2	02-09-66	
177		GRAPH	A-010	0J-7			12-03-65	BT4-C	0-2274	.974		21.7	02-09-66	
177		GRAPH	A-010	0J-8			08-16-65	BT4-C	0-2280	.974		56.0	02-09-66	
177		GRAPH	A-010	0K-6			06-18-65	BT4-C	0-2286	.974		68.3	02-09-66	
177		GRAPH	A-010	0K-8			12-03-65	BT4-C	0-2277	.974		23.3	02-09-66	
222		U	IP687	0025			11-15-65	3865-KW		1.000		11.5	12-06-65	
222		U	IP687	0033			09-24-65	3865-KW		1.000		19.3	11-14-65	
243		VARIOS	A-010	0119			07-26-65	4CTH-KW		.974		39.8	01-07-66	
266		U	IP486	0001			11-17-62	3565-KE		.965		55.6	05-12-63	
266		U	IP486	0002			11-17-62	3565-KE		1.000		57.2	05-12-63	
266		U	IP486	0003			11-17-62	3565-KE		.965		55.2	05-12-63	
288		UQ-PUO	IP672	0002			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UQ-PUO	IP672	0003			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UQ-PUO	IP672	0008			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UQ-PUO	IP672	0009			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UQ-PUO	IP672	0001			02-05-65	0678-C		1.000		102.3	01-10-66	
288		UQ-PUO	IP672	0004			02-05-65	0678-C		1.000		102.3	01-10-66	
288		UQ-PUO	IP672	0005			02-05-65	0678-C		1.000		102.3	01-10-66	
288		UQ-PUO	IP672	0012			02-05-65	0678-C		1.000		102.3	01-10-66	
322		THORIA	IP733	A002			11-19-65	3674-KW		.965		30.7	02-15-66	

DECLASSIFIED

IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	N V T X 10 ¹⁹		
THE FOLLOWING MATERIAL WAS SHIPPED DURING THE MONTH														
172		SALT	A-010	0282			01-26-66	2DTH-KE		.751	RECEIVED	0	01-26-66	01-27-66
172		TIMON	A-010	0283			02-09-66	2DTH-KE		.751		0	02-09-66	02-09-66
172		WATER	A-010	0284			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
172		WATER	A-010	0285			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
172		WATER	A-010	0286			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
172		WATER	A-010	0287			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
172		WATER	A-010	0288			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
172		WATER	A-010	0289			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
172		WATER	A-010	0290			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
172		WATER	A-010	0291			02-10-66	2DTH-KE		.751		0	02-10-66	02-14-66
177		GRAPH	A-010	00KA			04-13-65	BTH-CC	0-2268	.987		26.2	06-18-65	01-16-66
177		GRAPH	A-010	00-1			09-15-65	3ATH-KE	0-2988	.751		32.7	01-14-66	01-20-66
177		GRAPH	A-010	B6			12-17-64	3DTH-KE	0-2967	.751		111.3	01-14-66	01-20-66
177		GRAPH	A-010	K1			12-17-64	3DTH-KE	0-2976	.751		110.0	01-14-66	01-20-66
177		GRAPH	A-010	L1			12-17-64	3DTH-KE	0-2973	.751		110.9	01-14-66	01-20-66
184		VRS	A-010	1878			01-16-66	2ATH-KW		.751	0	01-17-66	01-17-66	
184		VRS	A-010	1879			01-16-66	2ATH-KW		.751	0	01-17-66	01-17-66	
184		VRS	A-010	1889			01-21-66	2ATH-KW		.751	1.2	01-24-66	01-24-66	
184		VRS	A-010	1890			01-24-66	2ATH-KW		.751	0.3	01-25-66	01-25-66	
184		VRS	A-010	1891			01-24-66	2ATH-KW		.751	0.3	01-25-66	01-25-66	
184		VRS	A-010	1902			01-31-66	2ATH-KW		.751	0.3	02-01-66	02-01-66	
184		VRS	A-010	1903			01-31-66	2ATH-KW		.751	0.3	02-01-66	02-01-66	
184		VRS	A-010	1904			02-01-66	2ATH-KW		.751	0.3	02-02-66	02-02-66	
184		VRS	A-010	1905			02-01-66	2ATH-KW		.751	0.3	02-02-66	02-02-66	
184		VRS	A-010	1906			02-02-66	2ATH-KW		.751	0.3	02-03-66	02-03-66	
184		VRS	A-010	1907			02-02-66	2ATH-KW		.751	0.3	02-03-66	02-03-66	
184		VRS	A-010	1908			02-03-66	2ATH-KW		.751	0.3	02-04-66	02-04-66	
184		VRS	A-010	1909			02-03-66	2ATH-KW		.751	0.3	02-04-66	02-04-66	
184		VRS	A-010	6068			02-01-66	2ATH-KW		.751	0	02-01-66	02-02-66	
184		VRS	A-010	1890			01-17-66	2DTH-KE		.751	0	01-18-66	01-18-66	
184		VRS	A-010	1881			01-17-66	2DTH-KE		.751	0	01-18-66	01-18-66	
184		VRS	A-010	1882			01-18-66	2DTH-KE		.751	0	01-19-66	01-19-66	
184		VRS	A-010	1883			01-18-66	2DTH-KE		.751	0	01-19-66	01-19-66	
184		VRS	A-010	1884			01-18-66	2DTH-KE		.751	0	01-21-66	01-21-66	
184		VRS	A-010	1885			01-19-66	2DTH-KE		.751	0	01-20-66	01-20-66	
184		VRS	A-010	1886			01-19-66	2DTH-KE		.751	0	01-20-66	01-20-66	
184		VRS	A-010	1887			01-20-66	2DTH-KE		.751	0	01-21-66	01-21-66	
184		VRS	A-010	1888			01-20-66	2DTH-KE		.751	0	01-21-66	01-21-66	

IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	N V T X 10 ¹⁹		
THE FOLLOWING MATERIAL WAS SHIPPED DURING THE MONTH														
184		VRS	A-010	1892			01-25-66	2DTH-KE		.751		3	01-26-66	01-26-66
184		VRS	A-010	1893			01-25-66	2DTH-KE		.751		3	01-26-66	01-26-66
184		VRS	A-010	1894			01-25-66	2DTH-KE		.751		3	01-26-66	01-26-66
184		VRS	A-010	1895			01-26-66	2DTH-KE		.751		3	01-27-66	01-27-66
184		VRS	A-010	1896			01-26-66	2DTH-KE		.751		3	01-27-66	01-27-66
184		VRS	A-010	1897			01-26-66	2DTH-KE		.751		3	01-27-66	01-27-66
184		VRS	A-010	1898			01-27-66	2DTH-KE		.751		3	01-28-66	01-28-66
184		VRS	A-010	1899			01-27-66	2DTH-KE		.751		3	01-28-66	01-28-66
184		VRS	A-010	1900			01-30-66	2DTH-KE		.751		4	01-31-66	01-31-66
184		VRS	A-010	1901			01-30-66	2DTH-KE		.751		4	01-31-66	01-31-66
184		VRS	A-010	1910			02-06-66	2DTH-KE		.751		4	02-07-66	02-07-66
184		VRS	A-010	1911			02-06-66	2DTH-KE		.751		4	02-07-66	02-07-66
184		VRS	A-010	1912			02-07-66	2DTH-KE		.751		4	02-08-66	02-08-66
184		VRS	A-010	1913			02-07-66	2DTH-KE		.751		4	02-08-66	02-08-66
184		VRS	A-010	1914			02-08-66	2DTH-KE		.751		4	02-09-66	02-09-66
184		VRS	A-010	1915			02-08-66	2DTH-KE		.751		4	02-09-66	02-09-66
184		VRS	A-010	1916			02-08-66	2DTH-KE		.751		3	02-09-66	02-09-66
184		VRS	A-010	1917			02-09-66	2DTH-KE		.751		3	02-10-66	02-10-66
184		VRS	A-010	1918			02-09-66	2DTH-KE		.751		3	02-10-66	02-10-66
184		VRS	A-010	1919			02-09-66	2DTH-KE		.751		3	02-10-66	02-10-66
184		VRS	A-010	1920			02-13-66	2DTH-KE		.751		4	02-14-66	02-14-66
184		VRS	A-010	1921			02-13-66	2DTH-KE		.751		4	02-14-66	02-14-66
184		VRS	A-010	6064			01-17-66	2DTH-KE		.751		0	01-17-66	01-18-66
184		VRS	A-010	6065			01-17-66	2DTH-KE		.751		0	01-17-66	01-18-66
184		VRS	A-010	6066			01-24-66	2DTH-KE		.751		0	01-24-66	01-25-66
184		VRS	A-010	6067			01-30-66	2DTH-KE		.751		0	01-30-66	01-31-66
184		VRS	A-010	6069			02-08-66	2DTH-KE		.751		0	02-08-66	02-09-66
184		VRS	A-010	6070			02-09-66	2DTH-KE		.751		0	02-09-66	02-10-66
184		VRS	A-010	6071			02-13-66	2DTH-KE		.751		0	02-13-66	02-14-66
222		U	IP687	00P6			08-10-65	3674-KW		1,000		33.6	11-04-65	01-15-66
222		U	IP687	00P8			08-10-65	3674-KW		1,000		33.6	11-04-65	01-15-66
254		VRS	A-010	0288			01-27-66	2DTH-KE		.751		0	01-27-66	01-28-66
254		VRS	A-010	0289			01-26-66	2DTH-KE		.751		3	01-27-66	01-28-66
271		VO	IP495	0034			02-03-66	3671-D		1,000		1.1	02-06-66	02-07-66
309		VO	IP734	SNC1			02-03-66	2BTH-KE		.974		3	02-04-66	02-11-66
309		VO	IP734	SNC2			02-07-66	2BTH-KE		.974		3	02-08-66	02-11-66
309		VO	IP734	SNC3			02-09-66	2BTH-KE		.974		4	02-10-66	02-16-66
309		VO	IP734	SNC4			02-14-66	2BTH-KE		.974		1	02-14-66	02-16-66

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