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STATUS OF IRRADIATIONS PERFORMED BY
TESTING AND IRRADIATION SERVICES FOR BNW
AS OF NOVEMBER 17, 1968

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L. V. Barker

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STATUS OF IRRADIATIONS PERFORMED BY
TESTING AND IRRADIATION SERVICES FOR BNW
AS OF NOVEMBER 17, 1968

L. V. Barker

December 3, 1968

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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.

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION		EXPOSURE TO DATE NVT	DISCHARGE	
TSR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION		POSITION FACTOR	DATE
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS,												
177		GRAPH	A0J3	381,0479		02-12-68	2150	RTH -C	0-2068	1,000	2,6+21	
177		GRAPH	A0J4	381,0479		02-12-68	2150	RTH -C	0-2065	1,000	2,6+21	
177		GRAPH	B0J6	48,0077		09-13-68	1100	RTH -C	0-2074	1,000	3,2+20	
177		GRAPH	B0J7	48,0077		09-13-68	1100	RTH -C	0-2077	1,000	3,2+20	
177		GRAPH	B0J8	48,0077		09-13-68	1100	RTH -C	0-2071	1,000	3,2+20	
177		GRAPH	B0K6	48,0077		09-13-68	1100	RTH -C	0-2080	1,000	3,2+20	
177		GRAPH	00J2	218,1120		02-12-68	2150	RTH -C	0-2059	1,000	1,5+21	
177		GRAPH	00K9	218,1120		02-12-68	2150	RTH -C	0-2062	1,000	1,5+21	
177		GRAPH	A0A6	335,7803		09-22-67	0608	3ATH-KE	0-2984	1,000	3,1+21	
177		GRAPH	A0D2	335,7803		09-22-67	0608	3ATH-KE	0-2977	1,000	3,1+21	
177		GRAPH	A0D3	335,7803		09-22-67	0608	3ATH-KE	0-2981	1,000	3,1+21	
222		U	F21	72,8208		08-24-68	2324	3CTH-KE		1,000	8,6+20	
222		U	P-19	111,0360		05-18-68	0345	3674-KW		1,000	1,6+21	
222		U	P-20	111,0360		05-18-68	0345	3674-KW		1,000	1,6+21	
236		ZIRCON	1V35	31,3242		10-15-68	0658	2CTH-KW		1,000	2,7+20	
236		ZR-NE	1V29	147,9165		04-01-68	0630	3ATH-KW		1,000	1,3+21	
236		ZR	4-28	371,2270		06-13-67	0615	3ATH-KE		1,000	3,4+21	
236		ZR-NE	1V31	147,9165		04-01-68	0630	3BTH-KW		1,000	1,8+21	
236		SS	1V36	95,5312		06-11-68	1400	3CTH-KW		1,000	1,1+21	
236		ZIRC	4-30	216,6706		01-14-68	2019	3CTH-KW		1,000	2,7+21	
236		ZIRCON	1V34	31,3242		10-15-68	0658	3DTH-KW		1,000	2,7+20	
236		ZIRC	4-25	216,6706		01-14-68	2019	3DTH-KW		1,000	2,0+21	
243		MOLY	00R2	6,5729		11-11-68	1015	2BTH-KE		1,000	7,2+19	
243		MOLY	00R3	8,3507		11-08-68	1535	2BTH-KE		1,000	9,2+19	
243		VRS	0172	63,2711		07-30-68	1455	4CTH-KW		1,000	7,6+20	
243		CARBON	0177	13,4618		10-24-68	1345	4CTH-KW		1,000	1,5+20	
243		CARBON	0178	13,4618		10-24-68	1345	4CTH-KW		1,000	1,5+20	
243		CARBON	0180	13,4618		10-24-68	1345	4CTH-KW		1,000	1,5+20	
259		HASTLY	0A-G	1038,1226		12-25-64	2255	ETH -C	0-2177	1,000	4,0+21	
259		HASTLY	0A-H	1038,1226		12-25-64	2255	ETH -C	0-2175	1,000	4,0+21	
259		HAST	01-3	218,1125		02-12-68	2150	ETH -C		1,000	8,5+20	
307		FLXMCN	0001	1086,5063		10-20-64	0526	3ETH-KW		1,000	1,4+22	
376		VRS	0001	335,1803		09-22-67	0608	2DTH-KE	6-2273	1,000	3,1+21	
376		VRS	0002	335,1803		09-22-67	0608	2DTH-KE	6-2272	1,000	3,1+21	
376		VRS	0003	335,1803		09-22-67	0608	2DTH-KE	6-2271	1,000	3,1+21	
376		VRS	0004	335,1803		09-22-67	0608	2DTH-KE	6-2270	1,000	3,1+21	
376		VRS	0005	335,1803		09-22-67	0608	2DTH-KE	6-2269	1,000	3,1+21	
376		VRS	0006	335,1803		09-22-67	0608	2DTH-KE	6-2268	1,000	3,1+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.														
376		VRS	0007	335,1803		09-22-67	0608	2DTH-KE	6-2267	1,000	3,1+21			
376		VRS	0008	335,1803		09-22-67	0608	2DTH-KE	6-2266	1,000	3,1+21			
376		VRS	0009	335,1803		09-22-67	0608	2DTH-KE	6-2265	1,000	3,1+21			
376		VRS	0010	335,1803		09-22-67	0608	2DTH-KF	6-2264	1,000	3,1+21			
376		VRS	0011	335,1803		09-22-67	0608	2DTH-KF	6-2263	1,000	3,1+21			
376		VRS	0012	335,1803		09-22-67	0608	2DTH-KE	6-2262	1,000	3,1+21			
376		VRS	0013	335,1803		09-22-67	0608	2DTH-KE	6-2261	1,000	3,1+21			
376		VRS	0014	335,1803		09-22-67	0608	2DTH-KF	6-2260	1,000	3,1+21			
376		VRS	0015	335,1803		09-22-67	0608	2DTH-KF	6-2259	1,000	3,1+21			
376		VRS	0016	335,1803		09-22-67	0608	2DTH-KE	6-2258	1,000	3,1+21			

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IDENTIFICATION				OPERATING TIME (DAYS)	CMK 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			
243		VRS	0162	31,9469			07-30-68	1455	4CTH-KW				3,9+20	10-04-68	2100	
THE FOLLOWING IRRADIATIONS ARE AWAITING DISPOSITION.																

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IDENTIFICATION

CHARGE

LOCATION

DISCHARGE

SHIPPING

TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.	OPERATING TIME (DAYS)	C M K ABSORBED	DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR	EXPOSURE TO DATE NVT	DATE	TIME	SHIPPING DATE
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
172		VRS	1626	1.5833		10-14-68	2025	ATH -C		1.000	2.4+18	10-16-68	1025	10-21-68
172		VRS	1627	1.5833		10-14-68	2025	ATH -C		1.000	4.0+18	10-16-68	1025	10-21-68
172		WATER	1628	.0208		10-17-68	0900	ATH -C		1.000	5.3+16	10-17-68	0930	10-17-68
172		WATER	1629	.0208		10-17-68	0930	ATH -C		1.000	5.3+16	10-17-68	1000	10-17-68
172		PLAS	1649	.0104		11-07-68	1106	ATH -C		1.000	4.2+16	11-07-68	1121	11-07-68
172		PLAS	1650	.0208		11-08-68	0842	ATH -C		1.000	5.3+16	11-08-68	0912	11-08-68
172		STAINI	1659	.0007		11-13-68	0908	ATH -C		1.000	1.1+15	11-13-68	0909	11-14-68
172		WATER	1660	.0208		11-14-68	1030	ATH -C		1.000	5.3+16	11-14-68	1100	11-16-68
172		WATER	1661	.0208		11-14-68	1100	ATH -C		1.000	5.3+16	11-14-68	1130	11-16-68
172		BIOLCG	1630	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1631	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1632	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1633	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1634	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1635	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1636	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1637	.0208		10-19-68	0950	2ATH-KW		1.000	1.8+17	10-19-68	1020	10-19-68
172		BIOLCG	1651	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1652	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1653	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1654	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1655	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1656	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1657	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1658	.0208		11-09-68	1218	2ATH-KW		1.000	1.8+17	11-09-68	1248	11-11-68
172		BIOLCG	1638	.0208		11-02-68	0925	2DTH-KE		1.000	1.8+17	11-02-68	0955	11-02-68
172		BIOLCG	1639	.0208		11-02-68	0925	2DTH-KE		1.000	1.8+17	11-02-68	0955	11-02-68
172		BIOLCG	1640	.0208		11-02-68	0925	2DTH-KE		1.000	1.8+17	11-02-68	0955	11-02-68
172		BIOLCG	1641	.0208		11-02-68	0925	2DTH-KE		1.000	1.8+17	11-02-68	0955	11-02-68
172		BIOLCG	1642	.0208		11-02-68	0925	2DTH-KE		1.000	1.8+17	11-02-68	0955	11-02-68
172		BIOLCG	1643	.0208		11-02-68	0925	2DTH-KE		1.000	1.8+17	11-02-68	0955	11-02-68
172		BIOLCG	1644	.0208		11-02-68	1035	2DTH-KE		1.000	1.8+17	11-02-68	1105	11-02-68
172		BIOLCG	1645	.0208		11-02-68	1035	2DTH-KE		1.000	1.8+17	11-02-68	1105	11-02-68
172		BIOLCG	1646	.0208		11-02-68	1035	2DTH-KE		1.000	1.8+17	11-02-68	1105	11-02-68
172		BIOLCG	1647	.0208		11-02-68	1035	2DTH-KE		1.000	1.8+17	11-02-68	1105	11-02-68
172		BIOLCG	1648	.0208		11-02-68	1035	2DTH-KE		1.000	1.8+17	11-02-68	1105	11-02-68
184		PLASTC	6441	.0014		10-14-68	1941	ATH -C		1.000	2.1+15	10-14-68	1016	10-15-68
184		PLASTC	6442	.0014		10-17-68	1050	ATH -C		1.000	2.1+15	10-17-68	1052	10-18-68

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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	EXPOSURE TO DATE NVT	DATE		TIME
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
184		PLASTIC	6443	.0007		10-29-68	1026	ATH -C		1.000	1.1+15	10-29-68	1027	10-30-68
184		PLASTIC	6444	.0007		11-02-68	1305	ATH -C		1.000	1.1+15	11-02-68	1306	11-04-68
184		PLASTIC	6445	.0007		11-02-68	1309	ATH -C		1.000	4.1+14	11-02-68	1310	11-04-68
184		PLASTIC	6453	.0007		11-07-68	1036	ATHB-C		1.000	6.5+14	11-07-68	1037	11-07-68
184		PLASTIC	6454	.0001		11-07-68	1038	ATHB-C		1.000	5.9+13	11-07-68	1038	11-07-68
184		VARIUS	3176	.8854		10-20-68	0930	2ATH-KW		1.000	7.5+18	10-21-68	0645	10-21-68
184		VARIUS	3177	.8854		10-20-68	0930	2ATH-KW		1.000	7.5+18	10-21-68	0645	10-21-68
184		VARIUS	3178	.8611		10-21-68	1005	2ATH-KW		1.000	7.3+18	10-22-68	0645	10-22-68
184		VARIUS	3179	.8611		10-21-68	1005	2ATH-KW		1.000	7.3+18	10-22-68	0645	10-22-68
184		VARIUS	3180	.8333		10-22-68	1045	2ATH-KW		1.000	7.0+18	10-23-68	0645	10-23-68
184		VARIUS	3181	.8333		10-22-68	1045	2ATH-KW		1.000	7.0+18	10-23-68	0645	10-23-68
184		VARIUS	3182	.8542		10-23-68	1015	2ATH-KW		1.000	7.2+18	10-24-68	0645	10-24-68
184		VARIUS	3183	.8542		10-23-68	1015	2ATH-KW		1.000	7.2+18	10-24-68	0645	10-24-68
184		VARIUS	3192	.9167		11-04-68	0845	2ATH-KW		1.000	7.8+18	11-05-68	0645	11-05-68
184		VARIUS	3193	.9167		11-04-68	0845	2ATH-KW		1.000	7.8+18	11-05-68	0645	11-05-68
184		VARIUS	3195	.8576		11-05-68	1010	2ATH-KW		1.000	7.3+18	11-06-68	0645	11-06-68
184		VARIUS	3196	.8646		11-06-68	1000	2ATH-KW		1.000	7.3+18	11-07-68	0645	11-07-68
184		VARIUS	3197	.8646		11-06-68	1000	2ATH-KW		1.000	7.3+18	11-07-68	0645	11-07-68
184		VARIUS	3198	.8819		11-10-68	0935	2ATH-KW		1.000	7.5+18	11-11-68	0645	11-11-68
184		VARIUS	3199	.8819		11-10-68	0935	2ATH-KW		1.000	7.5+18	11-11-68	0645	11-11-68
184		VARIUS	3200	.8542		11-11-68	1015	2ATH-KW		1.000	7.2+18	11-12-68	0645	11-12-68
184		VARIUS	3201	.8542		11-11-68	1015	2ATH-KW		1.000	7.2+18	11-12-68	0645	11-12-68
184		VARIUS	3202	.8542		11-12-68	1015	2ATH-KW		1.000	7.2+18	11-13-68	0645	11-13-68
184		VARIUS	3203	.8542		11-12-68	1015	2ATH-KW		1.000	7.2+18	11-13-68	0645	11-13-68
184		VARIUS	3204	.8576		11-13-68	1010	2ATH-KW		1.000	7.3+18	11-14-68	0645	11-14-68
184		VARIUS	3205	.8576		11-13-68	1010	2ATH-KW		1.000	7.3+18	11-14-68	0645	11-14-68
184		PLASTIC	6446	.0007		11-05-68	0644	2ATH-KW		1.000	5.3+14	11-05-68	0645	11-05-68
184		PLASTIC	6447	.0007		11-05-68	0645	2ATH-KW		1.000	5.3+14	11-05-68	0646	11-05-68
184		PLASTIC	6448	.0007		11-05-68	0646	2ATH-KW		1.000	5.3+14	11-05-68	0647	11-05-68
184		PLASTIC	6449	.0007		11-05-68	0647	2ATH-KW		1.000	5.3+14	11-05-68	0648	11-05-68
184		PLASTIC	6450	.0007		11-05-68	0648	2ATH-KW		1.000	5.3+14	11-05-68	0649	11-05-68
184		PLASTIC	6451	.0007		11-05-68	0649	2ATH-KW		1.000	5.3+14	11-05-68	0650	11-05-68
184		PLASTIC	6452	.0007		11-05-68	0650	2ATH-KW		1.000	5.3+14	11-05-68	0651	11-05-68
184		PLASTIC	6455	.0007		11-13-68	1006	2ATH-KW		1.000	5.3+14	11-13-68	1007	11-14-68
184		VARIUS	3168	.8681		10-13-68	0955	2DTH-KE		1.000	7.3+18	10-14-68	0645	10-14-68
184		VARIUS	3169	.8681		10-13-68	0955	2DTH-KE		1.000	7.3+18	10-14-68	0645	10-14-68
184		VARIUS	3170	.8646		10-14-68	1025	2DTH-KE		1.000	7.3+18	10-15-68	0645	10-15-68
184		VARIUS	3171	.8646		10-14-68	1025	2DTH-KE		1.000	7.3+18	10-15-68	0645	10-15-68

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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														
184	DECLASS	VARICS	3172	,7951		10-15-68	1145	2DTH-KE		1.000	6,7+18	10-16-68	0645	10-16-68
184		VARICS	3173	,7951		10-15-68	1145	2DTH-KE		1.000	6,7+18	10-16-68	0645	10-16-68
184		VARICS	3174	,8715		10-16-68	0950	2DTH-KE		1.000	7,4+18	10-17-68	0645	10-17-68
184		VARICS	3175	,8715		10-16-68	0950	2DTH-KE		1.000	7,4+18	10-17-68	0645	10-17-68
184		VARIUS	3184	,9340		10-27-68	0820	2DTH-KE		1.000	7,9+18	10-28-68	0645	10-28-68
184		VARIUS	3185	,9340		10-27-68	0820	2DTH-KE		1.000	7,9+18	10-28-68	0645	10-28-68
184		VARIUS	3186	,8403		10-28-68	1035	2DTH-KE		1.000	7,1+18	10-29-68	0645	10-29-68
184		VARIUS	3187	,8403		10-28-68	1035	2DTH-KE		1.000	7,1+18	10-29-68	0645	10-29-68
184		VARIUS	3188	,8646		10-29-68	1000	2DTH-KE		1.000	7,3+18	10-30-68	0645	10-30-68
184		VARIUS	3189	,8646		10-29-68	1000	2DTH-KE		1.000	7,3+18	10-30-68	0645	10-30-68
184		VARIUS	3190	,8646		10-30-68	1000	2DTH-KE		1.000	7,3+18	10-31-68	0645	10-31-68
184		VARIUS	3191	,8646		10-30-68	1000	2DTH-KE		1.000	7,3+18	10-31-68	0645	10-31-68
222		U	P-12	116,5923		04-01-68	0630	3865-KW		1.000	1,8+21	10-04-68	2100	11-14-68
222		U	P-13	116,5923		04-01-68	0630	3865-KW		1.000	1,8+21	10-04-68	2100	11-14-68
222		U	P-17	116,5923		04-01-68	0630	3865-KW		1.000	1,8+21	10-04-68	2100	11-14-68
236		STEEL	4-14	899,1821		02-28-65	1432	2CTH-KW		1.000	1,1+22	10-04-68	2100	11-04-68
243		MOLY	00R1	3,7326		10-25-68	1455	2BTH-KE		1.000	4,1+19	10-29-68	0830	11-04-68
243		VRS	0174	12,0694		07-30-68	1455	4CTH-KW		1.000	1,5+20	09-01-68	1500	10-24-68
243		VRS	0175	21,0659		07-30-68	1455	4CTH-KW		1.000	2,6+20	09-19-68	1325	10-24-68
243		VRS	0176	31,9469		07-30-68	1455	4CTH-KW		1.000	3,9+20	10-04-68	2100	10-24-68
243		CARBON	0179	11,0417		10-24-68	1345	4CTH-KW		1.000	1,2+20	11-06-68	2145	11-11-68
271		URAN	0106	2,8854		10-24-68	1310	2ATH-KW		1.000	2,4+19	10-27-68	1025	10-28-68
271		AS	0108	,4583		11-05-68	1945	2ATH-KW		1.000	3,9+18	11-06-68	0645	11-06-68
271		DEP-U	0107	3,0000		10-31-68	1055	2DTH-KE		1.000	2,5+19	11-03-68	1055	11-04-68
309		URAN	0024	,0521		09-30-68	1338	2BTH-KE		1.000	5,7+17	09-30-68	1453	10-08-68
381		PU	0004	7,2389		09-23-68	0850	2BTH-KE		1.000	8,0+19	09-29-68	1500	10-04-68
382		TITAN	0001	,4167		10-08-68	2300	ATH -C		1.000	2,5+17	10-09-68	0900	10-11-68
383		VARICS	002C	,0243		09-28-68	1335	ATH -C		1.000	9,9+16	09-28-68	1410	10-02-68
383		ARSNIC	003C	,0243		10-14-68	2021	ATH -C		1.000	9,9+16	10-14-68	2056	10-17-68
390		SS	0001	1,2500		10-28-68	1130	2ATH-KW		1.000	1,1+19	10-29-68	1730	11-04-68
390		SS	0002	2,9167		11-04-68	1445	2ATH-KW		1.000	2,5+19	11-07-68	1245	11-13-68
390		SS	0003	4,7500		11-04-68	1445	2ATH-KW		1.000	4,0+19	11-09-68	0915	11-13-68

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