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Atlantic Richfield Hanford Company
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RADIOACTIVE LIQUID WASTES DISCHARGED TO
GROUND IN THE 200 AREAS DURING FIRST HALF 1973

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Waste Processing Section
Manufacturing Department
Chemical Processing Division

October 19, 1973

PREPARED FOR THE U.S. ATOMIC ENERGY
COMMISSION UNDER CONTRACT AT(45-1) 2130

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INTRODUCTION

This document is issued quarterly for the purpose of summarizing the radioactive liquid wastes that have been discharged to ground in the 200 Areas. In addition to data for the first half of 1973, cumulative data since plant startup are presented. Also in this document is a listing of decayed activities at the various disposal sites.

DISCUSSION

An overall summary is presented on page 1 giving the radioactive liquid wastes discharged to ground during the first half of 1973 and since startup (for both total and decayed depositions) within the Chemical Processing Division control zone (200 Area plateau). Overall summaries are also presented on page 2 for 200 East Area and on page 3 for 200 West Area. A summary is presented in Tables 1-A, 1-B, and 1-C for radioactive wastes discharged to individual ponds, cribs, and specific retention sites during the first half of 1973. The volume of liquid discharged to ponds also includes major nonradioactive streams. The wastes discharged during 1973 to each site are detailed on a month-to-month basis in Tables 4 through 39.

An estimate is presented in Tables 2-A, 2-B, and 2-C of the radioactivity discharged to individual ponds, cribs, and specific retention sites from startup through June 30, 1973. These tables have Item No. 4 of the Bibliography as the basis.

An estimate of the decayed activities discharged to individual ponds, cribs, and specific retention sites from startup through the first half of 1973 is presented in Tables 3-A, 3-B, and 3-C. These tables have Item No. 4 of the Bibliography as the basis. The data are decayed through June 30, 1973.

The monthly maximum concentration and average concentration data will be found in the disposal site Tables 4 through 39, along with the remaining decayed activities.

The data contained in this report supersedes that contained in the first quarter report (ARH-2806 1Q).

The data presented in the tables are to be read as shown by the following examples:

$$.2411\text{E}+07 = 0.2411 \times 10^7$$

$$.2411\text{E}-07 = 0.2411 \times 10^{-7}$$

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 6/30 1973	TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME (L)	.484E+10	.187 .245E+09	.366E+06	.503 .508E+10
PU (GM)	.733E+01	.335E+03	.127E+04	.161E+04
BETA (CI)	<.275E+01	.711E+02		.739E+02
SR-90 (CI)	<.314E-01	.100E+02		.101E+02
RU-106 (CI)	<.136E+00	.443E+01		.457E+01
CS-137 (CI)	<.132E+00	.173E+02		.174E+02
CO-60 (CI)	<.466E-01	<.247E+00		<.293E+00
U (KGM)	<.309E+02	<.259E+01		<.335E+02
U-233 (GM)				

THROUGH 6/30 1973 (FROM START-UP)

VOLUME (L)	.476E+12	.275E+11	.185E+09	.503E+12
PU (GM)	.917E+04	.205E+06	.898E+05	.304E+06
BETA (CI)	.259E+06	.298E+07	.105E+07	.429E+07
SR-90 (CI)	.176E+04	.319E+05	.118E+05	.454E+05
RU-106 (CI)	<.377E+04	.253E+06	.301E+06	.558E+06
CS-137 (CI)	.630E+03	.177E+05	.322E+05	.506E+05
CO-60 (CI)	<.784E+02	<.528E+03	.144E+03	<.751E+03
U (KGM)	<.656E+04	.638E+05	.480E+05	.118E+06
U-233 (GM)	<.489E+03	.479E+03		<.967E+03

DECAYED THROUGH 6/30 1973 (FROM START UP)

VOLUME (L)	.476E+12	.275E+11	.185E+09	.503E+12
PU (GM)	.917E+04	.205E+06	.898E+05	.304E+06
BETA (CI)	.631E+04	.832E+05	.599E+05	.149E+06
SR-90 (CI)	.153E+04	.209E+05	.801E+04	.304E+05
RU-106 (CI)	<.248E+02	.170E+04	.212E+03	.194E+04
CS-137 (CI)	.512E+03	.128E+05	.214E+05	.348E+05
CO-60 (CI)	<.391E+02	<.148E+03	.188E+02	<.206E+03
U (KGM)	<.656E+04	.638E+05	.480E+05	.118E+06
U-233 (GM)	<.489E+03	.479E+03		<.967E+03

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 6/30 1973		TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME	(L)	.367E+10	.161E+09		.383E+10
PU	(GM)	<.712E+00	<.145E+01		<.216E+01
BETA	(CI)	.239E+01	.674E+02		.698E+02
SR-90	(CI)	<.314E-01	.963E+01		.966E+01
RU-106	(CI)	<.136E+00	.430E+01		.444E+01
CS-137	(CI)	<.132E+00	.161E+02		.162E+02
CO-60	(CI)	<.466E-01	<.245E+00		<.292E+00
U	(KGM)	<.269E+02	<.110E+01		<.280E+02
U-233	(GM)				

THROUGH 6/30 1973 (FROM START-UP)

VOLUME	(L)	.261E+12	.161E+11	.103E+09	.277E+12
PU	(GM)	<.661E+03	.105E+05	.437E+03	.116E+05
BETA	(CI)	.252E+06	.176E+07	.100E+07	.302E+07
SR-90	(CI)	.159E+04	.226E+05	.116E+05	.357E+05
RU-106	(CI)	<.306E+04	.237E+06	.301E+06	.541E+06
CS-137	(CI)	.510E+03	.105E+05	.157E+05	.268E+05
CO-60	(CI)	<.641E+02	<.430E+03	.115E+03	<.609E+03
U	(KGM)	<.985E+03	.277E+05	.467E+05	.754E+05
U-233	(GM)	<.489E+03	.479E+03		<.967E+03

DECAYED THROUGH 6/30 1973 (FROM START UP)

VOLUME	(L)	.261E+12	.161E+11	.103E+09	.277E+12
PU	(GM)	<.661E+03	.105E+05	.437E+03	.116E+05
BETA	(CI)	.587E+04	.580E+05	.391E+05	.103E+06
SR-90	(CI)	.141E+04	.145E+05	.786E+04	.238E+05
RU-106	(CI)	<.237E+02	.164E+04	.211E+03	.187E+04
CS-137	(CI)	.424E+03	.771E+04	.108E+05	.189E+05
CO-60	(CI)	<.324E+02	<.121E+03	.164E+02	<.170E+03
U	(KGM)	<.985E+03	.277E+05	.467E+05	.754E+05
U-233	(GM)	<.489E+03	.479E+03		<.967E+03

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 6/30 1973		TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME	(L)	.117E+10	.253 .834 E+08	.366E+06	.120 .125 E+10
PU	(GM)	.662E+01	.333E+03	.127E+04	.161E+04
BETA	(CI)	<.358E+00	.372E+01		.408E+01
SR-90	(CI)		.420E+00		.420E+00
RU-106	(CI)		.133E+00		.133E+00
CS-137	(CI)		.117E+01		.117E+01
CO-60	(CI)		<.112E-02		<.112E-02
U	(KGM)	<.407E+01	.149E+01		<.556E+01
U-233	(GM)				

THROUGH 6/30 1973 (FROM START-UP)

VOLUME	(L)	.215E+12	.114E+11	.828E+08	.227E+12
PU	(GM)	.851E+04	.194E+06	.894E+05	.292E+06
BETA	(CI)	.689E+04	.122E+07	.470E+05	.127E+07
SR-90	(CI)	<.165E+03	.933E+04	.238E+03	.973E+04
RU-106	(CI)	.712E+03	.160E+05	.902E+03	.176E+05
CS-137	(CI)	<.120E+03	.719E+04	.165E+05	.238E+05
CO-60	(CI)	<.143E+02	<.980E+02	.289E+02	<.141E+03
U	(KGM)	<.557E+04	.361E+05	.129E+04	.429E+05
U-233	(GM)				

DECAYED THROUGH 6/30 1973 (FROM START UP)

VOLUME	(L)	.215E+12	.114E+11	.828E+08	.227E+12
PU	(GM)	.851E+04	.194E+06	.894E+05	.292E+06
BETA	(CI)	.437E+03	.252E+05	.208E+05	.464E+05
SR-90	(CI)	<.118E+03	.636E+04	.148E+03	.662E+04
RU-106	(CI)	<.109E+01	.631E+02	.112E+01	.653E+02
CS-137	(CI)	<.880E+02	.513E+04	.107E+05	.159E+05
CO-60	(CI)	<.669E+01	<.267E+02	.238E+01	<.358E+02
U	(KGM)	<.557E+04	.361E+05	.129E+04	.429E+05
U-233	(GM)				

SUMMARY OF RADIOACTIVE WASTES
DISCHARGED TO PONDS AND DITCHES FROM 1/1 TO 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-25 GABLE MOUNTAIN POND	.109E+10	<.148E+00	<.172E+00	<.527E-02	<.404E-01	<.242E-01	<.244E-01	<.307E+01
216-B-3 B POND AND DITCHES	.230E+10	<.499E+00	.150E+01	.115E-01	<.944E-01	<.638E-01	<.147E-01	<.221E+02
216-B-63 B PLANT CHEM SEWER, ETC.	.278E+09	<.640E-01	<.715E+00	.146E-01	.161E-02	.439E-01	<.754E-02	<.166E+01
216-S-11 REDOX CHEM SEWER DITCH	.987E+08	<.381E-02	<.510E-02					<.100E+01
216-S-16 REDOX POND NO.2								
216-S-19 222-S LAB POND	.179E+08	<.570E-02	<.925E-03					<.173E+00
216-T-1 221-T (HEAD END) DITCH								
216-T-4 T PLANT POND	.176E+09	<.332E-02	<.169E-01					<.166E+01
216-U-10 U POND AND DITCHES	.875E+09	.661E+01	<.335E+00					<.124E+01

SUMMARY OF RADIOACTIVE WASTES
DISCHARGED TO ACTIVE CRIBS FROM 1/1 TO 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-8 TANK FARM CONDENSATE	.210E+07	<.457E-03	.231E+01	.148E+00	.295E+00	.682E+00	<.138E-01	<.218E-01
216-A-10 PUREX PROCESS COND.	.102E+06	.402E-01	.400E-01	.811E-03	.201E-02	.145E-02	<.166E-04	.324E-02
216-A-30 PUREX STEAM COND.	.608E+08	<.138E+01	.227E+01	.273E+00	.190E+00	.179E+00	<.760E-02	<.429E+00
216-A-368 AMMONIA SCRUBBER WASTES								
216-B-10B B PLANT R-13 WASTE	.303E+04	.390E-05	.380E-03	<.388E-05				<.378E-04
216-B-12 U PLANT COND. AND B PLANT COND.	.197E+08	<.837E-02	.491E+02	.827E+01	.368E+01	.105E+02	<.213E+00	<.199E+00
216-B-50 ITS-1 WASTE	.949E+06	<.476E-03	.107E+01	.266E-02	.694E-02	.535E+00	<.127E-03	<.647E-02
216-B-55 B PLANT STEAM CONDENSATE	.725E+08	.171E-01	.860E+01	.932E+00	.100E+00	.223E+01	<.104E-01	<.412E+00
216-B-57 ITS-2 WASTE	.513E+07	<.132E-02	.403E+01	.196E-02	.282E-01	.196E+01	<.618E-03	<.314E-01

SUMMARY OF RADIOACTIVE WASTES
DISCHARGED TO ACTIVE CRIBS FROM 1/1 TO 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-U-4A 222-U WASTE								
216-U-4B 222-U WASTE								
216-U-12 UO3 PROCESS COND. AND STACK DRAIN								
216-Z-12 234-5 PROCESS AND LAB WASTE	.347E+07	.327E+03						
216-Z-16 231-Z WASTE	.740E+07	.615E+01	.201E+00					

SUMMARY OF RADIOACTIVE WASTES
DISCHARGED TO ACTIVE SPECIFIC RETENTION SITES FROM 1/1 TO 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-39 241-AX-801-B FLOOR DRAINAGE								
216-B-59 221-B EMERGENCY COIL DIVERSION								
216-Z-18 236 AND 242-Z	.366E+06	.127E+04						

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-25 ¹ GABLE MOUNTAIN POND	.168E+12	.421E+03	.227E+06	.482E+03	<.740E+03	.362E+03	<.439E+02	<.631E+03
216-B-2-2E ² TERMINUS OF B-2-2 DITCH			.146E+04	.710E+03		.500E+00		
216-B-2-2W HEAD OF B-2-2 DITCH	.497E+08	<.420E-01	.494E+03	.242E+03		.500E+00		<.472E-01
216-B-3 B POND AND DITCHES	.904E+11	<.239E+03	.232E+05	.152E+03	.232E+04	.146E+03	<.198E+02	<.348E+03
216-B-63 B PLANT CHEM SEWER, ETC.	.108E+10	<.185E+00	<.819E+01	.167E+01	<.139E+00	<.669E+00	<.135E-01	<.602E+01
216-C-9 SEMIWORKS POND	.103E+10	<.338E+00	.794E+02	.514E+01	.520E+01	<.120E+01	<.385E+00	<.916E+00
216-N-4 200 NORTH P-POND	.946E+09	.100E+01	.100E+02	.199E+00	.428E+00	.212E+00		.454E+01
216-N-6 200 NORTH R-POND	.946E+09	.100E+01	.100E+02	.199E+00	.428E+00	.212E+00		.454E+01
216-S-10 REDOX CHEM SEWER DITCH	.201E+06	<.100E+00	.240E+02	.100E+01	.100E+02	.100E+01		.227E+01

¹ 233U IS <.459E+03.

² THE VOLUME IS INCLUDED IN THE 216-B-3 POND.

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-3 203-A SILICA GEL WASTES	.280E+07	.200E+00	.882E+03	.100E+00	.350E+03	<.100E+00	<.100E+00	.168E+04
216-A-4 LAB AND STACK DRAIN	.621E+07	.140E+03	.864E+03	.100E+02	.400E+03	.150E+02	.100E+01	.399E+03
216-A-5 PROCESS COND.	.163E+10	.650E+02	.340E+04	.900E+02	.150E+03	.250E+02	.110E+03	.263E+03
216-A-6 PUREX STEAM COND.	.340E+10	<.356E+02	.760E+05	.911E+02	.223E+03	.211E+03	.186E+01	<.165E+03
216-A-7 241-A-152 BOX DRAIN	.326E+06	.100E+01	.800E+02	.100E+01	.300E+02	.500E+01	.100E+00	.680E+01
216-A-8 TANK FARM CONDENSATE	.112E+10	.500E+02	.113E+05	.111E+03	.994E+03	.108E+04	.181E+01	<.368E+03
216-A-9 N-REACTOR WASTES AND ACID FRACTIONATOR	.981E+09	.500E+00	.189E+03	.250E+02	.503E+02	.100E+02	.140E+00	.227E+00
216-A-10 ¹ PUREX PROCESS COND.	.287E+10	.343E+03	.806E+06	.147E+03	.727E+04	.134E+03	.179E+03	.204E+03
216-A-21 AMMONIA SCRUBBER AND LAB WASTES	.778E+08	.150E+03	.280E+04	.150E+02	.200E+03	.150E+03	.100E+02	.195E+03

¹ 233U IS .277E+03.

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-24 TANK FARM COND.	.820E+09	<.506E+01	.498E+04	.394E+02	.408E+03	.549E+03	.700E+00	.501E+02
216-A-27 ¹ LAB, SCRUBBER AND STACK DRAIN	.232E+08	.965E+02	.268E+04	.413E+02	.632E+02	.526E+02	<.267E+01	.680E+02
216-A-28 203-A AND UNH TANK WASTES	.300E+05		.310E+02					.632E+03
216-A-30 ² PUREX STEAM COND.	.354E+10	<.720E+02	.544E+04	.187E+03	.196E+03	.220E+03	.166E+02	<.405E+02
216-A-36B ³ AMMONIA SCRUBBER WASTES	.940E+08	<.177E+03	.475E+05	.546E+03	.653E+04	<.556E+03	<.514E+02	.119E+03
216-A-37 STEAM COND.								
216-A-38 PROCESS COND.								
216-B-5 221-B AND 5-6 WASTES	.306E+08	.427E+04	.380E+04	.756E+02	.163E+03	.807E+02		
216-B-7 224-B WASTES AND 5-6 CELL DRAIN AND 221-B CONSTRUCTION WASTE WATER	.436E+08	.430E+04	.242E+05	.560E+04	.600E+03	.100E+03	.100E+01	.182E+03

¹ ²³³U IS .168E+03. ² ²³³U IS <.748E+01. ³ ²³³U IS .256E+02.

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-8 224-B, 5-6 AND 2ND CYCLE WASTES	.272E+08	.300E+02	.710E+03	.150E+02	.500E+02	.500E+02	.100E+01	.454E+02
216-B-9 5-6 AND 2ND CYCLE WASTES	.360E+08	.174E+03	.780E+04	.150E+02	.100E+03	.100E+02	.100E+00	.454E+02
216-B-10 222-B AND 292-B WASTES	.999E+07	.980E+01	.500E+02	.500E+01	.100E+02	.100E+01	.100E+00	.907E+01
216-B-10B B PLANT R-13 WASTE	.242E+05	<.433E-04	.171E-02	<.331E-03	<.169E-05	<.106E-03	<.450E-06	<.703E-03
216-B-11 242-B COND.	.296E+08	.400E+01	.211E+03	.500E+01	.500E+02	.500E+02	.100E+00	.136E+02
216-B-12 U PLANT COND. AND B PLANT COND.	.517E+09	.374E+03	.112E+05	<.153E+03	.311E+03	.120E+04	<.162E+01	.209E+05
216-B-14 U PLANT SCAVENGED WASTE	.871E+07	.250E+02	.140E+06	.400E+03	.590E+05	.250E+03	.500E+01	.218E+03
216-B-15 U PLANT SCAVENGED WASTE	.632E+07	.500E+01	.690E+05	.200E+03	.220E+05	.200E+03	.500E+01	.104E+03

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-16 U PLANT SCAVENGED WASTE	.560E+07	.100E+02	.540E+05	.700E+03	.130E+05	.650E+03	.500E+01	.322E+03
216-B-17 TANK FARM SCAVENGED WASTE	.341E+07	.100E+02	.200E+04	.160E+03	.250E+03	.220E+03	.100E+01	.354E+03
216-B-18 U PLANT SCAVENGED WASTE	.852E+07	.100E+02	.510E+05	.190E+03	.190E+05	.250E+03	.500E+01	.236E+03
216-B-19 U PLANT AND TANK FARM SCAVENGED WASTE	.640E+07	.100E+02	.112E+05	.200E+03	.510E+04	.270E+03	.500E+01	.181E+03
216-B-43 U PLANT SCAVENGED WASTE	.212E+07	.500E+00	.352E+04	.140E+04	.500E+02	.300E+03	.100E+01	.136E+02
216-B-44 U PLANT SCAVENGED WASTE	.560E+07	.150E+02	.220E+05	.290E+04	.550E+04	.700E+03	.500E+01	.227E+01
216-B-45 U PLANT SCAVENGED WASTE	.492E+07	.100E+02	.530E+05	.280E+04	.170E+05	.150E+04	.500E+01	.680E+01
216-B-46 U PLANT SCAVENGED WASTE	.670E+07	.200E+02	.120E+06	.150E+04	.280E+05	.200E+03	.500E+01	.190E+03

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-47 U PLANT SCAVENGED WASTE	.371E+07	.500E+01	.450E+05	.620E+03	.190E+05	.150E+03	.100E+01	.680E+01
216-B-48 U PLANT SCAVENGED WASTE	.409E+07	.500E+01	.610E+05	.130E+04	.680E+04	.450E+03	.100E+01	.227E+01
216-B-49 U PLANT SCAVENGED WASTE	.670E+07	.150E+02	.110E+06	.270E+04	.240E+05	.410E+03	.500E+01	.317E+03
216-B-50 ITS-1 WASTE	.546E+08	<.239E+00	.241E+03	<.600E+01	.111E+02	.878E+02	<.331E+00	<.284E+00
216-B-55 B PLANT STEAM CONDENSATE	.589E+09	<.431E+00	.135E+03	<.621E+01	<.135E+01	.202E+02	<.325E+00	<.385E+01
216-B-57 ITS-2 WASTE	.844E+08	<.187E+00	.838E+03	.315E+01	.871E+01	.371E+03	<.136E+00	<.890E+00
216-C-1 201-C PROCESS CONDENSATE	.234E+08	.800E+01	.110E+05	.200E+03	.400E+03	<.100E+00	<.100E+00	.295E+03
216-C-3 271-C CHEMICAL WASTE	.500E+07	.100E+01	.200E+03	.200E+02	.100E+02	<.100E+00	<.100E+00	.454E+02

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-C-5 201-C HIGH SALT WASTE	.378E+05	.100E+01	.940E+02	.100E+02	.500E+01	<.100E+00	<.100E+00	.544E+02
216-C-7 209-E CRITICAL MASS LAB	.513E+05	<.110E+01	.200E+02	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00
216-C-10 STRONTIUM PROCESS CONDENSATE	.897E+06	<.150E+00	.161E+03	.628E+02	.150E+01	<.150E+00	<.150E+00	<.454E-01
216-N-2 212-N BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00		
216-N-3 212-N BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00		
216-N-5 212-P BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00		
216-N-7 212-R BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00		
216-S1 & 2 REDOX PROCESS CONDENSATE	.160E+09	.120E+04	.750E+06	.300E+04	.300E+04	.250E+04	.100E+02	.227E+04

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SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-S-3 241-S TK-101 AND 104 CONDENSATE	.420E+07	.500E+00	.270E+03	.100E+01	.500E+02	.500E+02	.100E+01	.381E+00
216-S-5 STEAM CONDENSATE	.410E+10	.580E+03	.960E+03	.130E+03	.300E+02	.600E+02	<.100E+00	.272E+03
216-S-6 REDOX STEAM CONDENSATE	.447E+10	.473E+03	.525E+04	.412E+03	.133E+03	.212E+03	<.294E+01	<.272E+03
216-S-7 PROCESS COND.	.390E+09	.440E+03	.281E+06	.310E+04	.150E+04	.147E+04	.250E+02	.259E+04
216-S-9 PROCESS COND.	.503E+08	.650E+02	.162E+05	<.175E+03	.263E+04	.507E+03	<.255E+02	.339E+02
216-S-18 STEAM CLEAN. PIT	<.984E+05	<.100E+00	<.700E+00	<.100E+00	<.100E+00	<.100E+00	<.100E+00	<.450E-01
216-S-20 222-S AND 300-A LAB WASTES	.135E+09	.171E+03	.762E+04	.451E+02	.100E+03	.110E+03	.141E+01	.376E+02
216-S-21 241-SX COND.	.871E+08	.208E+01	.127E+04	<.429E+02	.437E+02	.162E+03	<.410E+00	.419E+01
216-S-22 293-S CAUSTIC SCRUBBER	.984E+05	<.101E+00	.150E+02	.100E+01	.500E+01	.100E+01	<.100E+00	<.454E-01

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-S-23 REDOX PROCESS CONDENSATE	.340E+08	<.995E+00	.187E+03	.186E+01	.557E+02	<.539E+01	<.143E+01	<.388E+00
216-T-3 224-T, 5 AND 6 WASTES	.113E+08	.335E+04	.280E+04	.557E+02	.120E+03	.595E+02		
216-T-6 224-T 5 AND 6 WASTES	.450E+08	.390E+03	.180E+05	.360E+03	.600E+03	.300E+03	.500E+01	.227E+02
216-T-7 224-T 5-6 AND SECOND CYCLE	.110E+09	.130E+03	.310E+04	.600E+02	.100E+03	.500E+02	.100E+01	.910E+01
216-T-8 222-T LAB WASTES	.500E+06	.500E+01	.100E+03	.100E+01	.500E+01	.100E+01	<.100E+00	.450E+01
216-T-19 224-T, 242-T, 5-6, SECOND CYCLE WASTE EVAP.	.414 .422 E+09	.143E+02	.454E+04	.619E+02	.100E+04	.369E+03	.105E+01	<.944E+01
216-T-20 241-TX-155 DIVERSION BOX	.189E+05		.500E+02	.994E+00	.214E+01	.106E+01		.500E+01
216-T-26 SCAVENGED WASTES	.120E+08	.590E+02	.290E+05	.670E+03	.260E+04	.170E+03	.100E+01	.150E+03

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-T-27 DECONTAMINATION, SCAVENGED WASTE 300 AREA	.719E+07	.130E+02	.360E+04	.140E+03	.150E+04	.100E+03	.100E+01	.726E+01
216-T-28 DECONTAMINATION AND 300 AREA	.423E+08	.700E+02	.585E+05	.200E+03	.100E+04	.350E+03	.500E+01	.391E+03
216-T-32 224-T WASTES	.290E+08	.320E+04	.150E+04	.300E+02	.500E+02	.250E+02	.100E+01	.227E+02
216-T-33 2706-T BLDG. WASTES	.190E+07	.500E+01	.500E+02	.500E+00	.100E+02	.500E+00	.100E+01	.454E+01
216-T-34 300 AREA LAB WASTES	.173E+08	.107E+03	.262E+05	.323E+03	.105E+03	.275E+03	.733E+01	.412E+01
216-T-35 300 AREA LAB WASTES	.571E+07	.662E+02	.929E+03	<.200E+02	.131E+03	.199E+02	.341E+01	.489E+02
216-T-36 221-T DECON. FACILITY WASTE	.522E+06	.248E+01	.711E+03	.771E+01	.461E+02	.642E+01	<.514E+00	.118E+01
216-U-1&2 224-U, DECON- TAMINATION WASTE	.159E+08	.426E+02	.122E+04	.500E+01	.500E+03	.100E+02	<.100E+00	.404E+04
216-U-3 241-U TK-110 CONDENSATE	.791E+06	<.100E+00	.500E+01	<.100E+00	.100E+01	.100E+01	<.100E+00	.181E+02

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-U-4A 222-U WASTE	.545E+06	<.900E-02	.530E+01	<.330E-01	<.105E+01	.369E+00		
216-U-4B 222-U WASTE	.330E+05	.540E-01	.243E+01	.300E-02		.334E+00		
216-U-8 PROCESS COND. AND STACK DRAIN	.378E+09	.370E+03	.270E+04	<.100E+00	.230E+03	<.100E+00	<.100E+00	.240E+05
216-U-12 UO3 PROCESS COND. AND STACK DRAIN	.133E+09	.100E+01	.853E+03	.104E+03	.800E+02	<.100E+00	<.100E+00	.181E+04
216-U-13 241-UR STEAM CLEANING PIT	.114E+05	<.100E+00	.500E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	.454E+00
216-Z-1A OVERFLOW FROM Z1, 2, 3	.100E+07	.500E+02	.280E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	<.500E-01
216-Z-3 D-6 WASTES	.178E+09	.570E+04	.105E+03	<.100E+00	.400E+02	<.100E+00	<.100E+00	<.500E-01
216-Z-4 231-Z LAB WASTE	<.110E+05	.200E+01	.260E+01	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.500E-01
216-Z-5 231-Z PROCESS WASTES	.310E+08	.340E+03	.250E+03	.500E+01	.100E+03	.100E+02	.500E+00	<.500E-01

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-Z-6 231-Z PROCESS WASTES	<.980E+05	.500E+01	.260E+01	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.500E-01
216-Z-7 231-Z LAB WASTE AND 300 AREA WASTE	.799E+08	.200E+04	.250E+04	.370E+03	.100E+03	.360E+03	.100E+01	.450E+01
216-Z-8 SILICA TANK OVERFLOW	.959E+04	.484E+02						
216-Z-9 RECUPLEX CAW WASTE	.409E+07	.150E+06 ¹	.480E+02	<.100E+00	.200E+02	<.100E+00	<.100E+00	<.500E-01
216-Z-10 231-Z PROCESS AND LABORATORY WASTES	.100E+07	.500E+02						
216-Z-12 234-5 PROCESS AND LAB WASTE	.281E+09	.251E+05	.225E+03	<.100E+00	.100E+03	<.100E+00	<.100E+00	<.500E-01
216-Z-16 231-Z WASTE	.918E+08	<.707E+02	<.988E+00					
216-Z-17 231-Z WASTE	.368E+08	.502E+02	.104E+01					

¹ESTIMATED

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-1 START-UP WASTES	.984E+05	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.154E+03
216-A-2 PUREX ORGANIC	.230E+06	.130E+03	.590E+03	.200E+01	.150E+03	.300E+01	.100E+01	.781E+02
216-A-18 START-UP WASTES	.488E+06	<.100E+00	.100E+02	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.141E+04
216-A-19 START-UP WASTES	.110E+07	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.390E+05
216-A-20 START-UP WASTES	.961E+06	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.404E+03
216-A-31 PUREX ORGANIC	.100E+05	.900E+01	.199E+06	.200E+01	.950E+05	.150E+03	.100E+00	.205E+02
216-A-36A AMMONIA SCRUBBER WASTES	.107E+07	.800E+02	.147E+06	.180E+04	.300E+04	.150E+04	.100E+02	.145E+03
216-A-39 241-AX-801-B FLOOR DRAINAGE	.200E+02		.500E+02			.250E+02		
216-A-40 244-AR EMERGENCY COIL DIVERSION	.946E+06							

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-20 221-U SCAVENGED TBP SUPERNATANT WASTE	.468E+07	.130E+01	.315E+05	.790E+03	.998E+04	.150E+04	.440E+01	.352E+03
216-B-21 221-U SCAVENGED TBP SUPERNATANT WASTE	.467E+07	.103E+02	.465E+05	.739E+03	.147E+05	.372E+03	.650E+01	.675E+03
216-B-22 221-U SCAVENGED TBP SUPERNATANT WASTE	.474E+07	.260E+01	.952E+05	.408E+03	.301E+05	.450E+02	.134E+02	.418E+03
216-B-23 221-U SCAVENGED TBP SUPERNATANT WASTE	.452E+07	.180E+01	.473E+05	.145E+03	.150E+05	.112E+03	.670E+01	.156E+03
216-B-24 221-U SCAVENGED TBP SUPERNATANT WASTE	.470E+07	.770E+01	.730E+05	.181E+03	.231E+05	.129E+03	.103E+02	.246E+03
216-B-25 221-U SCAVENGED TBP SUPERNATANT WASTE	.376E+07	.200E+01	.492E+05	.205E+03	.156E+05	.560E+02	.690E+01	.153E+03
216-B-26 221-U SCAVENGED TBP SUPERNATANT WASTE	.588E+07	.250E+01	.768E+05	.109E+04	.243E+05	.950E+03	.107E+02	.588E+03
216-B-27 221-U SCAVENGED TBP SUPERNATANT WASTE	.442E+07	.700E+00	.551E+05	.595E+03	.174E+05	.340E+02	.760E+01	.343E+03

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-28 221-U SCAVENGED TBP SUPERNATANT WASTE	.505E+07	.560E+01	.165E+05	.112E+03	.522E+04	.230E+02	.230E+01	.300E+03
216-B-29 221-U SCAVENGED TBP SUPERNATANT WASTE	.484E+07	.110E+01	.510E+05	.192E+03	.161E+05	.590E+02	.710E+01	.344E+03
216-B-30 221-U SCAVENGED TBP SUPERNATANT WASTE	.478E+07	.210E+01	.160E+05	.600E+03	.389E+04	.337E+04	.170E+01	.880E+02
216-B-31 221-U SCAVENGED TBP SUPERNATANT WASTE	.474E+07	.520E+01	.192E+05	.209E+03	.609E+04	.280E+02	.270E+01	.122E+03
216-B-32 221-U SCAVENGED TBP SUPERNATANT WASTE	.477E+07	.260E+01	.120E+05	.255E+03	.379E+04	.126E+03	.170E+01	.110E+02
216-B-33 221-U SCAVENGED TBP SUPERNATANT WASTE	.474E+07	.118E+02	.102E+05	.410E+02	.324E+04	.273E+03	.140E+01	.200E+02
216-B-34 221-U SCAVENGED TBP SUPERNATANT WASTE	.487E+07	.570E+01	.436E+04	.410E+02	.138E+04	.170E+02	.600E+00	.850E+02
216-B-35 FIRST CYCLE SUPERNATANT	.106E+07	.120E+01	.178E+04	.235E+03	.229E+03	.427E+03	.300E-01	.167E+02

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-36 FIRST CYCLE SUPERNATANT	.194E+07	.800E+00	.350E+04	.485E+03	.471E+03	.773E+03	.700E-01	.159E+02
216-B-37 EVAPORATOR BOTTOMS	.431E+07	.200E+01	.704E+04	.160E+02	.500E+03	.310E+04	.100E+01	.363E+01
216-B-38 FIRST CYCLE SUPERNATANT	.143E+07	.120E+01	.582E+04	.185E+04	.560E+03	.508E+03	<.600E-01	.424E+02
216-B-39 FIRST CYCLE SUPERNATANT	.147E+07	.150E+01	.105E+04	.230E+02	.650E+02	.450E+03	<.100E-01	.580E+01
216-B-40 FIRST CYCLE SUPERNATANT	.164E+07	.100E+01	.178E+04	.280E+03	.244E+03	.352E+03	<.200E-01	.350E+02
216-B-41 FIRST CYCLE SUPERNATANT	.144E+07	.300E+00	.210E+04	.470E+02	.131E+03	.890E+03	<.100E-01	.750E+01
216-B-42 U PLANT SCAVENGED WASTE	.150E+07	.100E+02	.576E+04	.110E+04	.150E+04	.960E+02	.100E+02	.680E+03
216-B-52 SCAVENGED WASTE	.853E+07	.190E+02	.180E+05	.110E+02	.860E+04	.340E+03	.450E+01	.299E+02

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-53A PRTR WASTE	.549E+06	.100E+03	.500E+02	<.100E+00	.500E+01	<.100E+00	.500E+00	.227E+02
216-B-53B 300 AREA WASTE	.151E+05	.500E+01	.435E+02	.100E+02	.400E+01	.700E+01	.100E+01	.907E+01
216-B-54 300 AREA WASTE	.999E+06	.500E+01	.240E+04	.100E+00	.100E+02	.100E+00	.100E+00	.907E+01
216-B-56 221-B ORGANIC CRIB (NOT USED)								
216-B-58 300 AREA WASTE	.413E+06	.670E+01	.593E+02	.101E+02	.700E+01	.770E+01	.240E+01	.912E+01
216-B-59 221-B EMERGENCY COIL DIVERSION	.477E+06		.500E+01	.500E-01		.200E-01		
216-B-60 221-B CELL DRAIN CLEANOUT	.189E+05	.800E-01	.155E+04			.800E+01		.717E+03
216-C-4 276-C ORGANIC WASTE	.170E+06	.100E+01	.120E+03	.280E+02	.150E+02	<.970E-01	<.970E-01	.340E+01
216-C-6 241-CX COND.	.530E+06	<.100E+00	.200E+04	.650E+02	.250E+02	<.100E+00	<.100E+00	.454E-01

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-S-8 START-UP WASTES	.100E+08	.200E+01	.150E+04	.100E+01	.500E+02	.120E+02	<.100E+00	.195E+03
216-S-12 291-S STACK WASH	.681E+05	.100E+01	.650E+01	.100E+01	.100E+01	.100E+01	<.100E+00	.499E+01
216-S-13 REDOX ORGANIC	.500E+07	.800E+01	.630E+03	.400E-01	.100E+03	.500E+01	<.100E+00	<.910E+02
216-T-5 SECOND CYCLE WASTE	.260E+07	.180E+03	.208E+03	.100E+01	.300E+02	.700E+02	.500E+01	.454E+01
216-T-12 RETENTION BASIN SLUDGE	.500E+07	.100E+01	.550E+02	.500E+01	.100E+02	.100E+02	.200E+01	.454E+02
216-T-14 FIRST CYCLE SUPERNATANT	.100E+07	.880E+00	.985E+03	.600E+01	.150E+02	.469E+03	.150E+01	.303E+02
216-T-15 FIRST CYCLE SUPERNATANT	.100E+07	.940E+00	.207E+04	.210E+02	.120E+02	.104E+04	.120E+01	.272E+02
216-T-16 FIRST CYCLE SUPERNATANT	.100E+07	.650E+00	.105E+04	.800E+01	.130E+02	.522E+03	.130E+01	.222E+02
216-T-17 FIRST CYCLE SUPERNATANT	.785E+06	.530E+00	.774E+03	.300E+01	.100E+02	.373E+03	.100E+01	.203E+02

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-T-18 SCAVENGED WASTE	.100E+07	.180E+04	.840E+03	.700E+01	.200E+03	.570E+02	.100E+02	.272E+02
216-T-21 FIRST CYCLE SUPERNATANT	.460E+06	.100E+01	.821E+04	.800E+01	.620E+02	.400E+03	.200E+01	.100E+01
216-T-22 FIRST CYCLE SUPERNATANT	.153E+07	.200E+01	.394E+04	.510E+02	.300E+02	.185E+04	.100E+01	.200E+01
216-T-23 FIRST CYCLE SUPERNATANT	.148E+07	.100E+01	.350E+04	.410E+02	.260E+02	.133E+04	.100E+01	.100E+01
216-T-24 FIRST CYCLE SUPERNATANT	.153E+07	.200E+01	.435E+04	.400E+02	.320E+02	.142E+04	.100E+01	.830E+01
216-T-25 FIRST CYCLE BOTTOMS	.300E+07	.100E+01	.180E+05	.400E+01	.100E+03	.890E+04	<.100E+00	.910E+00
216-T-30 TX-154 DIVERSION BOX	.190E+05	.100E+01	.500E+03	.400E+02	.500E+02	.400E+02	.100E+01	.454E+01
216-U-5 COLD START-UP URANIUM	.225E+07	<.500E-01	.500E+00	<.500E-01	<.500E-01	<.500E-01	<.500E-01	.363E+03

SUMMARY OF TOTAL ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-U-6 COLD START-UP URANIUM	.225E+07	<.500E-01	.500E+00	<.500E-01	<.500E-01	<.500E-01	<.500E-01	.363E+03
216-U-15 CONTAMINATED SOLVENT	.681E+05	<.100E+00	.700E+01	.100E+00	.100E+01	.100E+00	<.100E+00	.227E+01
216-Z-1&2 D-6 WASTES	.337E+08	.703E+04	.500E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	.809E+02
216-Z-1A A 236 AND 242 WASTE	.190E+07	.300E+05	.210E+03	<.100E+00	.100E+03	<.100E+00	<.100E+00	<.500E-01
216-Z-1A B 236 AND 242-Z WASTES	.190E+07	.166E+05	.105E+03	<.100E+00	.500E+02	<.100E+00	<.100E+00	<.500E-01
216-Z-1A C 236 AND 242-Z	.141E+07	.108E+05						
216-Z-18 236 AND 242-Z	.386E+07	.229E+05						

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-25 ¹ GABLE MOUNTAIN POND	.168E+12	.421E+03	.340E+04	.391E+03	<.151E+02	.299E+03	<.224E+02	<.631E+03
216-B-2-2E ² TERMINUS OF B-2-2 DITCH			.132E+04	.660E+03		.467E+00		
216-B-2-2W HEAD OF B-2-2 DITCH	.497E+08	<.420E-01	.451E+03	.225E+03		.467E+00		<.472E-01
216-B-3 B POND AND DITCHES	.904E+11	<.239E+03	.681E+03	.129E+03	.851E+01	.122E+03	<.977E+01	<.348E+03
216-B-63 B PLANT CHEM SEWER, ETC.	.108E+10	<.185E+00	<.541E+01	.155E+01	<.349E-01	<.636E+00	<.116E-01	<.602E+01
216-C-9 SEMIWORKS POND	.103E+10	<.338E+00	.101E+02	.371E+01	.128E-01	<.105E+01	<.180E+00	<.916E+00
216-N-4 200 NORTH P-POND	.946E+09	.100E+01	.453E+00	.109E+00	.489E-07	.121E+00		.454E+01
216-N-6 200 NORTH R-POND	.946E+09	.100E+01	.453E+00	.109E+00	.489E-07	.121E+00		.454E+01
216-S-10 REDOX CHEM SEWER DITCH	.201E+06	<.100E+00	.249E+01	.627E+00	.203E-04	.646E+00		.227E+01

¹ ²³³U IS <.459E+03. ²THE VOLUME IS INCLUDED IN THE 216-B-3 POND.

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-3 203-A SILICA GEL WASTES	.280E+07	.200E+00	.657E+00	.658E-01	.225E-01	<.676E-01	<.106E-01	.168E+04
216-A-4 LAB AND STACK DRAIN	.621E+07	.140E+03	.334E+02	.670E+01	.645E-02	.103E+02	.117E+00	.399E+03
216-A-5 PROCESS COND.	.163E+10	.650E+02	.186E+03	.635E+02	.159E-01	.180E+02	.173E+02	.263E+03
216-A-6 PUREX STEAM COND.	.340E+10	<.356E+02	.885E+03	.674E+02	.810E+00	.156E+03	.936E+00	<.165E+03
216-A-7 241-A-152 BOX DRAIN	.326E+06	.100E+01	.807E+01	.658E+00	.162E-01	.343E+01	.106E-01	.680E+01
216-A-8 TANK FARM CONDENSATE	.112E+10	.500E+02	.169E+04	.780E+02	.472E+01	.774E+03	.329E+00	<.368E+03
216-A-9 N-REACTOR WASTES AND ACID FRACTIONATOR	.981E+09	.500E+00	.474E+02	.169E+02	.536E-02	.692E+01	.303E-01	.227E+00
216-A-10 PUREX PROCESS COND.	.287E+10	.343E+03	.823E+04	.126E+03	.173E+03	.119E+03	.516E+02	.204E+03
216-A-21 AMMONIA SCRUBBER AND LAB WASTES	.778E+08	.150E+03	.262E+03	.115E+02	.214E+00	.117E+03	.245E+01	.195E+03

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-24 TANK FARM COND.	.820E+09	<.506E+01	.824E+03	.280E+02	.195E+00	.399E+03	.114E+00	.501E+02
216-A-27 ¹ LAB, SCRUBBER AND STACK DRAIN	.232E+08	.965E+02	.285E+03	.374E+02	.204E+01	.481E+02	<.156E+01	.680E+02
216-A-28 203-A AND UNH TANK WASTES	.300E+05		.986E-01					.632E+03
216-A-30 ² PUREX STEAM COND.	.354E+10	<.720E+02	.733E+03	.155E+03	.113E+02	.173E+03	.453E+01	<.405E+02
216-A-36B ³ AMMONIA SCRUBBER WASTES	.940E+08	<.177E+03	.709E+04	.503E+03	.144E+04	<.519E+03	<.356E+02	.119E+03
216-A-37 STEAM COND.								
216-A-38 PROCESS COND.								
216-B-5 221-B AND 5-6 WASTES	.306E+08	.427E+04	.162E+03	.389E+02	.152E-05	.434E+02		
216-B-7 224-B WASTES AND 5-6 CELL DRAIN AND 221-B CONSTRUCTION WASTE WATER	.436E+08	.430E+04	.687E+04	.337E+04	.413E-03	.642E+02	.630E-01	.182E+03

¹ ²³³U IS .168E+03. ² ²³³U IS <.748E+01. ³ ²³³U IS .256E+02.

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-8 224-B, 5-6 AND 2ND CYCLE WASTES	.272E+08	.300E+02	.739E+02	.852E+01	.105E-04	.295E+02	.490E-01	.454E+02
216-B-9 5-6 AND 2ND CYCLE WASTES	.360E+08	.174E+03	.312E+02	.844E+01	.119E-04	.584E+01	.466E-02	.454E+02
216-B-10 222-B AND 292-B WASTES	.999E+07	.980E+01	.692E+01	.288E+01	.218E-05	.596E+00	.518E-02	.907E+01
216-B-10B B PLANT R-13 WASTE	.242E+05	<.433E-04	.118E-02	<.302E-03	<.426E-06	<.985E-04	<.346E-06	<.703E-03
216-B-11 242-B COND.	.296E+08	.400E+01	.670E+02	.307E+01	.626E-04	.317E+02	.746E-02	.136E+02
216-B-12 U PLANT COND. AND B PLANT COND.	.517E+09	.374E+03	.251E+04	<.121E+03	<.835E+01	.106E+04	<.109E+01	.209E+05
216-B-14 U PLANT SCAVENGED WASTE	.871E+07	.250E+02	.879E+03	.263E+03	.477E+00	.169E+03	.532E+00	.218E+03
216-B-15 U PLANT SCAVENGED WASTE	.632E+07	.500E+01	.563E+03	.133E+03	.213E+00	.137E+03	.563E+00	.104E+03

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-16 U PLANT SCAVENGED WASTE	.560E+07	.100E+02	.180E+04	.461E+03	.105E+00	.440E+03	.532E+00	.322E+03
216-B-17 TANK FARM SCAVENGED WASTE	.341E+07	.100E+02	.497E+03	.105E+03	.202E-02	.149E+03	.106E+00	.354E+03
216-B-18 U PLANT SCAVENGED WASTE	.852E+07	.100E+02	.591E+03	.125E+03	.154E+00	.169E+03	.532E+00	.236E+03
216-B-19 U PLANT AND TANK FARM SCAVENGED WASTE	.640E+07	.100E+02	.629E+03	.135E+03	.822E-01	.187E+03	.607E+00	.181E+03
216-B-43 U PLANT SCAVENGED WASTE	.212E+07	.500E+00	.213E+04	.878E+03	.102E-03	.194E+03	.817E-01	.136E+02
216-B-44 U PLANT SCAVENGED WASTE	.560E+07	.150E+02	.454E+04	.183E+04	.206E-01	.459E+03	.441E+00	.227E+01
216-B-45 U PLANT SCAVENGED WASTE	.492E+07	.100E+02	.551E+04	.180E+04	.689E-01	.991E+03	.466E+00	.680E+01
216-B-46 U PLANT SCAVENGED WASTE	.670E+07	.200E+02	.224E+04	.964E+03	.114E+00	.132E+03	.466E+00	.190E+03

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-47 U PLANT SCAVENGED WASTE	.371E+07	.500E+01	.993E+03	.398E+03	.770E-01	.991E+02	.932E-01	.680E+01
216-B-48 U PLANT SCAVENGED WASTE	.409E+07	.500E+01	.229E+04	.835E+03	.276E-01	.297E+03	.932E-01	.227E+01
216-B-49 U PLANT SCAVENGED WASTE	.670E+07	.150E+02	.405E+04	.173E+04	.973E-01	.271E+03	.466E+00	.317E+03
216-B-50 ITS-1 WASTE	.546E+08	<.239E+00	.158E+03	<.518E+01	.159E+00	.761E+02	<.147E+00	<.284E+00
216-B-55 B PLANT STEAM CONDENSATE	.589E+09	<.431E+00	.564E+02	<.575E+01	<.212E+00	.188E+02	<.183E+00	<.385E+01
216-B-57 ITS-2 WASTE	.844E+08	<.187E+00	.656E+03	.279E+01	<.702E+00	.336E+03	<.762E-01	<.890E+00
216-C-1 201-C PROCESS CONDENSATE	.234E+08	.800E+01	.273E+03	.131E+03	.278E-02	<.676E-01	<.106E-01	.295E+03
216-C-3 271-C CHEMICAL WASTE	.500E+07	.100E+01	.248E+02	.123E+02	.122E-04	<.631E-01	<.716E-02	.454E+02

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-C-5 201-C HIGH SALT WASTE	.378E+05	.100E+01	.131E+02	.643E+01	.203E-04	<.661E-01	<.932E-02	.544E+02
216-C-7 209-E CRITICAL MASS LAB	.513E+05	<.110E+01	.469E+00	<.783E-01	.156E-02	<.795E-01	<.272E-01	<.100E+00
216-C-10 STRONTIUM PROCESS CONDENSATE	.897E+06	<.150E+00	.106E+03	.527E+02	.132E-01	<.127E+00	<.586E-01	<.454E-01
216-N-2 212-N BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.437E+00	<.105E+00	<.696E-08	<.117E+00		
216-N-3 212-N BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.494E+00	<.119E+00	<.219E-06	<.131E+00		
216-N-5 212-P BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.494E+00	<.119E+00	<.219E-06	<.131E+00		
216-N-7 212-R BASIN AND SLUDGE CLEAN-OUT	.757E+07		<.494E+00	<.119E+00	<.219E-06	<.131E+00		
216-S1 & 2 REDOX PROCESS CONDENSATE	.160E+09	.120E+04	.761E+04	.190E+04	.912E-02	.163E+04	.872E+00	.227E+04

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-S-3 241-S TK-101 AND 104 CONDENSATE	.420E+07	.500E+00	.641E+02	.633E+00	.160E-03	.326E+02	.864E-01	.381E+00
216-S-5 STEAM CONDENSATE	.410E+10	.580E+03	.241E+03	.827E+02	.105E-03	.393E+02	<.817E-02	.272E+03
216-S-6 REDOX STEAM CONDENSATE	.447E+10	.473E+03	.987E+03	.312E+03	.868E+00	.171E+03	<.134E+01	<.272E+03
216-S-7 PROCESS COND.	.390E+09	.440E+03	.679E+04	.212E+04	.192E+00	.105E+04	.337E+01	.259E+04
216-S-9 PROCESS COND.	.503E+08	.650E+02	.137E+04	<.147E+03	.423E+02	.431E+03	<.113E+02	.339E+02
216-S-18 STEAM CLEAN. PIT	<.984E+05	<.100E+00	<.258E+00	<.627E-01	<.203E-06	<.646E-01	<.817E-02	<.450E-01
216-S-20 222-S AND 300-A LAB WASTES	.135E+09	.171E+03	.260E+03	.347E+02	.367E-01	.840E+02	.291E+00	.376E+02
216-S-21 241-SX COND.	.871E+08	.208E+01	.320E+03	<.333E+02	.205E+00	.127E+03	<.173E+00	.419E+01
216-S-22 293-S CAUSTIC SCRUBBER	.984E+05	<.101E+00	.277E+01	.695E+00	.208E-03	.711E+00	<.158E-01	<.454E-01

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-S-23 REDOX PROCESS CONDENSATE	.340E+08	<.995E+00	.293E+02	.174E+01	.514E+01	<.517E+01	<.108E+01	<.388E+00
216-T-3 224-T, 5 AND 6 WASTES	.113E+08	.335E+04	.118E+03	.284E+02	.769E-06	.316E+02		
216-T-6 224-T 5 AND 6 WASTES	.450E+08	.390E+03	.699E+03	.189E+03	.895E-05	.164E+03	.158E+00	.227E+02
216-T-7 224-T 5-6 AND SECOND CYCLE	.110E+09	.130E+03	.136E+03	.366E+02	.151E-03	.315E+02	.739E-01	.910E+01
216-T-8 222-T LAB WASTES	.500E+06	.500E+01	.234E+01	.575E+00	.977E-06	.596E+00	<.516E-02	.450E+01
216-T-19 224-T, 242-T, 5-6, SECOND CYCLE WASTE EVAP.	.414 .472 E+09	.143E+02	.582E+03	.414E+02	<.327E+00	.258E+03	<.134E+00	<.944E+01
216-T-20 241-TX-155 DIVERSION BOX	.189E+05		.247E+01	.593E+00	.110E-05	.655E+00		.500E+01
216-T-26 SCAVENGED WASTES	.120E+08	.590E+02	.110E+04	.431E+03	.118E-01	.112E+03	.984E-01	.150E+03

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-T-27 DECONTAMINATION, SCAVENGED WASTE 300 AREA	.719E+07	.130E+02	.404E+03	.115E+03	.603E+01	.832E+02	.348E+00	.726E+01
216-T-28 DECONTAMINATION AND 300 AREA	.423E+08	.700E+02	.144E+04	.162E+03	.288E+01	.287E+03	.166E+01	.391E+03
216-T-32 224-T WASTES	.290E+08	.320E+04	.617E+02	.167E+02	.655E-05	.144E+02	.430E-01	.227E+02
216-T-33 2706-T BLDG. WASTES	.190E+07	.500E+01	.202E+01	.391E+00	.101E-01	.397E+00	.268E+00	.454E+01
216-T-34 300 AREA LAB WASTES	.173E+08	.107E+03	.140E+04	.272E+03	.881E+00	.234E+03	.304E+01	.412E+01
216-T-35 300 AREA LAB WASTES	.571E+07	.662E+02	.877E+02	<.175E+02	.212E+01	.173E+02	.155E+01	.489E+02
216-T-36 221-T DECON. FACILITY WASTE	.522E+06	.248E+01	.391E+02	.666E+01	.772E+00	.563E+01	<.253E+00	.118E+01
216-U-1&2 224-U, DECON- TAMINATION WASTE	.159E+08	.426E+02	.194E+02	.322E+01	.897E-01	.648E+01	<.817E-02	.404E+04
216-U-3 241-U TK-110 CONDENSATE	.791E+06	<.100E+00	.137E+01	<.627E-01	.203E-05	.646E+00	<.817E-02	.181E+02

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-U-4A 222-U WASTE	.545E+06	<.900E-02	.647E+00	<.244E-01	<.182E-01	.275E+00		
216-U-4B 222-U WASTE	.330E+05	.540E-01	.581E+00	.253E-02		.292E+00		
216-U-8 PROCESS COND. AND STACK DRAIN	.378E+09	.370E+03	.298E+01	<.658E-01	.171E-02	<.676E-01	<.106E-01	.240E+05
216-U-12 U03 PROCESS COND. AND STACK DRAIN	.133E+09	.100E+01	.177E+03	.854E+02	.321E+00	<.832E-01	<.348E-01	.181E+04
216-U-13 241-UR STEAM CLEANING PIT	.114E+05	<.100E+00	.289E+00	<.643E-01	.203E-04	<.661E-01	<.932E-02	.454E+00
216-Z-1A OVERFLOW FROM Z1, 2, 3	.100E+07	.500E+02	.302E+00	<.692E-01	.197E-03	<.708E-01	<.138E-01	<.500E-01
216-Z-3 D-6 WASTES	.178E+09	.570E+04	.330E+00	<.692E-01	.891E-03	<.708E-01	<.138E-01	<.500E-01
216-Z-4 231-Z LAB WASTE	<.110E+05	.200E+01	.204E+00	<.502E-01	.409E-08	<.525E-01	<.249E-02	<.500E-01
216-Z-5 231-Z PROCESS WASTES	.310E+08	.340E+03	.154E+02	.255E+01	.763E-06	.535E+01	.135E-01	<.500E-01

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-Z-6 231-Z PROCESS WASTES	<.980E+05	.500E+01	.204E+00	<.502E-01	.409E-08	<.525E-01	<.249E-02	<.500E-01
216-Z-7 231-Z LAB WASTE AND 300 AREA WASTE	.799E+08	.200E+04	.122E+04	.311E+03	.757E+00	.306E+03	.397E+00	.450E+01
216-Z-8 SILICA TANK OVERFLOW	.959E+04	.484E+02						
216-Z-9 RECUPLEX CAW WASTE	.409E+07	.150E+06 ¹	.344E+00	<.745E-01	.279E-02	<.759E-01	<.206E-01	<.500E-01
216-Z-10 231-Z PROCESS AND LABORATORY WASTES	.100E+07	.500E+02						
216-Z-12 234-5 PROCESS AND LAB WASTE	.281E+09	.251E+05	.760E+00	<.782E-01	.137E+00	<.794E-01	<.268E-01	<.500E-01
216-Z-16 231-Z WASTE	.918E+08	<.707E+02	<.240E+00					
216-Z-17 231-Z WASTE	.368E+08	.502E+02	.257E-01					

¹ESTIMATED

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-A-1 START-UP WASTES	.984E+05	<.100E+00	.265E+00	<.643E-01	<.405E-06	<.661E-01	<.932E-02	.154E+03
216-A-2 PUREX ORGANIC	.230E+06	.130E+03	.782E+01	.141E+01	.115E-01	.216E+01	.154E+00	.781E+02
216-A-18 START-UP WASTES	.488E+06	<.100E+00	.274E+00	<.643E-01	<.405E-06	<.661E-01	<.932E-02	.141E+04
216-A-19 START-UP WASTES	.110E+07	<.100E+00	.265E+00	<.643E-01	<.405E-06	<.661E-01	<.932E-02	.390E+05
216-A-20 START-UP WASTES	.961E+06	<.100E+00	.265E+00	<.643E-01	<.405E-06	<.661E-01	<.932E-02	.404E+03
216-A-31 PUREX ORGANIC	.100E+05	.900E+01	.703E+03	.160E+01	.192E+03	.122E+03	.305E-01	.205E+02
216-A-36A AMMONIA SCRUBBER WASTES	.107E+07	.800E+02	.728E+04	.149E+04	.171E+02	.126E+04	.369E+01	.145E+03
216-A-39 241-AX-801-B FLOOR DRAINAGE	.200E+02		.409E+02			.213E+02		
216-A-40 244-AR EMERGENCY COIL DIVERSION	.946E+06							

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-20 221-U SCAVENGED TBP SUPERNATANT WASTE	.468E+07	.130E+01	.300E+04	.520E+03	.807E-01	.102E+04	.468E+00	.352E+03
216-B-21 221-U SCAVENGED TBP SUPERNATANT WASTE	.467E+07	.103E+02	.148E+04	.487E+03	.119E+00	.252E+03	.691E+00	.675E+03
216-B-22 221-U SCAVENGED TBP SUPERNATANT WASTE	.474E+07	.260E+01	.640E+03	.269E+03	.244E+00	.304E+02	.142E+01	.418E+03
216-B-23 221-U SCAVENGED TBP SUPERNATANT WASTE	.452E+07	.180E+01	.358E+03	.955E+02	.121E+00	.757E+02	.712E+00	.156E+03
216-B-24 221-U SCAVENGED TBP SUPERNATANT WASTE	.470E+07	.770E+01	.440E+03	.119E+03	.187E+00	.872E+02	.110E+01	.246E+03
216-B-25 221-U SCAVENGED TBP SUPERNATANT WASTE	.376E+07	.200E+01	.366E+03	.135E+03	.126E+00	.379E+02	.734E+00	.153E+03
216-B-26 221-U SCAVENGED TBP SUPERNATANT WASTE	.588E+07	.250E+01	.274E+04	.726E+03	.286E+00	.651E+03	.121E+01	.588E+03
216-B-27 221-U SCAVENGED TBP SUPERNATANT WASTE	.442E+07	.700E+00	.879E+03	.402E+03	.281E+00	.235E+02	.922E+00	.343E+03

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-28 221-U SCAVENGED TBP SUPERNATANT WASTE	.505E+07	.560E+01	.191E+03	.756E+02	.841E-01	.159E+02	.279E+00	.300E+03
216-B-29 221-U SCAVENGED TBP SUPERNATANT WASTE	.484E+07	.110E+01	.367E+03	.130E+03	.260E+00	.408E+02	.861E+00	.344E+03
216-B-30 221-U SCAVENGED TBP SUPERNATANT WASTE	.478E+07	.210E+01	.529E+04	.405E+03	.627E-01	.233E+04	.206E+00	.880E+02
216-B-31 221-U SCAVENGED TBP SUPERNATANT WASTE	.474E+07	.520E+01	.330E+03	.141E+03	.982E-01	.194E+02	.328E+00	.122E+03
216-B-32 221-U SCAVENGED TBP SUPERNATANT WASTE	.477E+07	.260E+01	.518E+03	.172E+03	.611E-01	.872E+02	.206E+00	.110E+02
216-B-33 221-U SCAVENGED TBP SUPERNATANT WASTE	.474E+07	.118E+02	.423E+03	.277E+02	.522E-01	.189E+03	.170E+00	.200E+02
216-B-34 221-U SCAVENGED TBP SUPERNATANT WASTE	.487E+07	.570E+01	.804E+02	.277E+02	.222E-01	.118E+02	.728E-01	.850E+02
216-B-35 FIRST CYCLE SUPERNATANT	.106E+07	.120E+01	.824E+03	.147E+03	.466E-03	.276E+03	.245E-02	.167E+02

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-36 FIRST CYCLE SUPERNATANT	.194E+07	.800E+00	.157E+04	.304E+03	.958E-03	.499E+03	.572E-02	.159E+02
216-B-37 EVAPORATOR BOTTOMS	.431E+07	.200E+01	.386E+04	.100E+02	.102E-02	.200E+04	.817E-01	.363E+01
216-B-38 FIRST CYCLE SUPERNATANT	.143E+07	.120E+01	.295E+04	.116E+04	.114E-02	.328E+03	<.490E-02	.424E+02
216-B-39 FIRST CYCLE SUPERNATANT	.147E+07	.150E+01	.587E+03	.144E+02	.132E-03	.291E+03	<.817E-03	.580E+01
216-B-40 FIRST CYCLE SUPERNATANT	.164E+07	.100E+01	.788E+03	.176E+03	.496E-03	.227E+03	<.163E-02	.350E+02
216-B-41 FIRST CYCLE SUPERNATANT	.144E+07	.300E+00	.116E+04	.295E+02	.266E-03	.575E+03	<.817E-03	.750E+01
216-B-42 U PLANT SCAVENGED WASTE	.150E+07	.100E+02	.154E+04	.707E+03	.608E-02	.634E+02	.932E+00	.680E+03
216-B-52 SCAVENGED WASTE	.853E+07	.190E+02	.473E+03	.752E+01	.208E+00	.238E+03	.585E+00	.299E+02

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-B-53A PRTR WASTE	.549E+06	.100E+03	.100E+01	<.822E-01	.201E-01	<.832E-01	.174E+00	.227E+02
216-B-53B 300 AREA WASTE	.151E+05	.500E+01	.263E+02	.773E+01	.304E-02	.551E+01	.251E+00	.907E+01
216-B-54 300 AREA WASTE	.999E+06	.500E+01	.222E+02	.802E-01	.231E-01	.813E-01	.307E-01	.907E+01
216-B-56 221-B ORGANIC CRIB (NOT USED)								
216-B-58 300 AREA WASTE	.413E+06	.670E+01	.310E+02	.851E+01	.720E-01	.657E+01	.103E+01	.912E+01
216-B-59 221-B EMERGENCY COIL DIVERSION	.477E+06		.282E+00	.442E-01		.178E-01		
216-B-60 221-B CELL DRAIN CLEANOUT	.189E+05	.800E-01	.476E+02			.697E+01		.717E+03
216-C-4 276-C ORGANIC WASTE	.170E+06	.100E+01	.364E+02	.181E+02	.789E-04	<.645E-01	<.937E-02	.340E+01
216-C-6 241-CX COND.	.530E+06	<.100E+00	.922E+02	.440E+02	.403E-02	<.692E-01	<.128E-01	.454E-01

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-S-8 START-UP WASTES	.100E+08	.200E+01	.160E+02	.590E+00	.192E-04	.732E+01	<.539E-02	.195E+03
216-S-12 291-S STACK WASH	.681E+05	.100E+01	.250E+01	.627E+00	.203E-05	.646E+00	<.817E-02	.499E+01
216-S-13 REDOX ORGANIC	.500E+07	.800E+01	.132E+02	.312E-01	.348E+00	.413E+01	<.327E-01	<.910E+02
216-T-5 SECOND CYCLE WASTE	.260E+07	.180E+03	.906E+02	.643E+00	.122E-03	.463E+02	.466E+00	.454E+01
216-T-12 RETENTION BASIN SLUDGE	.500E+07	.100E+01	.188E+02	.313E+01	.203E-04	.646E+01	.163E+00	.454E+02
216-T-14 FIRST CYCLE SUPERNATANT	.100E+07	.880E+00	.589E+03	.376E+01	.305E-04	.303E+03	.123E+00	.303E+02
216-T-15 FIRST CYCLE SUPERNATANT	.100E+07	.940E+00	.131E+04	.132E+02	.244E-04	.669E+03	.980E-01	.272E+02
216-T-16 FIRST CYCLE SUPERNATANT	.100E+07	.650E+00	.657E+03	.502E+01	.264E-04	.337E+03	.106E+00	.222E+02
216-T-17 FIRST CYCLE SUPERNATANT	.785E+06	.530E+00	.466E+03	.188E+01	.203E-04	.241E+03	.817E-01	.203E+02

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-T-18 SCAVENGED WASTE	.100E+07	.180E+04	.786E+02	.428E+01	.204E-03	.360E+02	.716E+00	.272E+02
216-T-21 FIRST CYCLE SUPERNATANT	.460E+06	.100E+01	.512E+03	.502E+01	.126E-03	.258E+03	.163E+00	.100E+01
216-T-22 FIRST CYCLE SUPERNATANT	.153E+07	.200E+01	.236E+04	.320E+02	.610E-04	.119E+04	.817E-01	.200E+01
216-T-23 FIRST CYCLE SUPERNATANT	.148E+07	.100E+01	.170E+04	.257E+02	.529E-04	.859E+03	.817E-01	.100E+01
216-T-24 FIRST CYCLE SUPERNATANT	.153E+07	.200E+01	.181E+04	.251E+02	.651E-04	.917E+03	.817E-01	.830E+01
216-T-25 FIRST CYCLE BOTTOMS	.300E+07	.100E+01	.110E+05	.251E+01	.203E-03	.575E+04	<.817E-02	.910E+00
216-T-30 TX-154 DIVERSION BOX	.190E+05	.100E+01	.976E+02	.245E+02	.510E-04	.252E+02	.716E-01	.454E+01
216-U-5 COLD START-UP URANIUM	.225E+07	<.500E-01	.122E+00	<.298E-01	<.256E-07	<.308E-01	<.314E-02	.363E+03

SUMMARY OF DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 6/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
216-U-6 COLD START-UP URANIUM	.225E+07	<.500E-01	.122E+00	<.298E-01	<.256E-07	<.308E-01	<.314E-02	.363E+03
216-U-15 CONTAMINATED SOLVENT	.681E+05	<.100E+00	.287E+00	.675E-01	.161E-04	.692E-01	<.121E-01	.227E+01
216-Z-1&2 D-6 WASTES	.337E+08	.703E+04	.246E+00	<.568E-01	.231E-05	<.589E-01	<.482E-02	.809E+02
216-Z-1A A 236 AND 242 WASTE	.190E+07	.300E+05	.119E+01	<.802E-01	.365E+00	<.813E-01	<.305E-01	<.500E-01
216-Z-1A B 236 AND 242-Z WASTES	.190E+07	.166E+05	.124E+01	<.842E-01	.400E+00	<.851E-01	<.397E-01	<.500E-01
216-Z-1A C 236 AND 242-Z	.141E+07	.108E+05						
216-Z-18 236 AND 242-Z	.386E+07	.229E+05						

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-A-8 CRIB
 WASTE STREAM DESCRIPTION- 241-A TANK FARM CONDENSATE FROM 11/55 TO 5/58; A-AX FARM CONDENSATE FROM
 4/66 TO DATE AND AY FARM CONDENSATE FROM 4/71 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.332E+06	.812E-04	.163E+00	.124E-01	.509E-01	.114E-01	<.598E-02	<.349E-02
FEB	.238E+06	.445E-04	.144E+00	.593E-02	.521E-01	.861E-02	<.735E-02	<.261E-02
MAR	.478E+06	.190E-03	.827E+00	.753E-01	.943E-01	.228E+00	<.190E-03	<.492E-02
APR	.194E+06	.366E-04	.156E+00	.128E-01	.220E-01	.421E-01	<.660E-04	<.200E-02
MAY	.437E+05	.550E-05	.247E-01	.329E-04	.604E-03	.643E-02	<.128E-04	<.441E-03
JUN	.815E+06	<.100E-03	.993E+00	.420E-01	.754E-01	.386E+00	<.189E-03	<.832E-02
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.210E+07	<.457E-03	.231E+01	.148E+00	.295E+00	.682E+00	<.138E-01	<.218E-01
PRE SUM	.112E+10	.500E+02	.113E+05	.111E+03	.993E+03	.108E+04	.179E+01	<.368E+03
TOT SUM	.112E+10	.500E+02	.113E+05	.111E+03	.994E+03	.108E+04	.181E+01	<.368E+03
73 DECAY	.210E+07	<.457E-03	.218E+01	.148E+00	.248E+00	.679E+00	<.131E-01	<.218E-01
PREDECAY	.112E+10	.500E+02	.169E+04	.779E+02	.447E+01	.773E+03	.316E+00	<.368E+03
TOTDECAY	.112E+10	.500E+02	.169E+04	.780E+02	.472E+01	.774E+03	.329E+00	<.368E+03
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .243E-07	(UCI/ML) MAR .173E-02	(UCI/ML) MAR .157E-03	(UCI/ML) FEB .219E-03	(UCI/ML) MAR .476E-03	(UCI/ML) FEB <.309E-04	(UCI/ML) FEB <.366E-08
AVERAGE CONC		<.134E-07	.110E-02	.707E-04	.141E-03	.324E-03	<.656E-05	<.345E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-A-10 CRIB
WASTE STREAM DESCRIPTION- PUREX F-CELL PROCESS CONDENSATE FROM NOVEMBER 1961 TO DATE

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
JAN	.151E+05	.656E-02	.712E-02	.144E-03	.600E-03	.225E-03	<.180E-05	.688E-03	
FEB	.114E+05	.660E-02	.570E-02	.177E-03	.459E-03	.249E-03	<.162E-05	.573E-03	
MAR	.303E+05	.370E-02	.725E-02	.170E-03	.440E-03	.326E-03	<.460E-05	.560E-03	
APR	.114E+05	.666E-02	.312E-02	.660E-04	.127E-03	.113E-03	<.105E-05	.237E-03	
MAY	.265E+05	.130E-01	.120E-01	.147E-03	.272E-03	.332E-03	<.633E-05	.623E-03	
JUN	.757E+04	.364E-02	.476E-02	.106E-03	.109E-03	.208E-03	<.118E-05	.562E-03	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ									
73 SUM	.102E+06	.402E-01	.400E-01	.811E-03	.201E-02	.145E-02	<.166E-04	.324E-02	
PRE SUM	.287E+10	.343E+03	.806E+06	.147E+03	.727E+04	.134E+03	.179E+03	.204E+03	.277E+03
TOT SUM	.287E+10	.343E+03	.806E+06	.147E+03	.727E+04	.134E+03	.179E+03	.204E+03	.277E+03
73 DECAY	.102E+06	.402E-01	.312E-01	.806E-03	.162E-02	.145E-02	<.161E-04	.324E-02	
PREDECAY	.287E+10	.343E+03	.823E+04	.126E+03	.173E+03	.119E+03	.516E+02	.204E+03	.277E+03
TOTDECAY	.287E+10	.343E+03	.823E+04	.126E+03	.173E+03	.119E+03	.516E+02	.204E+03	.277E+03
MONTHLY MAXIMUM CONC		(UCI/ML) APR	(UCI/ML) JUN	(UCI/ML) FEB	(UCI/ML) FEB	(UCI/ML) JUN	(UCI/ML) MAY	(UCI/ML) JUN	
		.360E-04	.629E-03	.156E-04	.404E-04	.275E-04	<.239E-06	.247E-07	
AVERAGE CONC		.241E-04	.391E-03	.794E-05	.197E-04	.142E-04	<.162E-06	.106E-07	

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-A-3D CRIB
 WASTE STREAM DESCRIPTION- PUREX COIL AND STEAM CONDENSATE FROM JANUARY 1961 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
JAN	.109E+08	<.106E+00	.271E+00	.809E-01	.206E-01	.127E-01	<.994E-03	<.636E-01	
FEB	.109E+08	.892E+00	.135E+01	.691E-01	.102E+00	.593E-01	<.121E-02	.124E+00	
MAR	.106E+08	<.108E+00	.244E+00	.598E-01	.250E-01	.196E-01	<.171E-02	.618E-01	
APR	.994E+07	<.964E-01	.113E+00	.173E-01	.867E-02	.270E-01	<.793E-03	<.604E-01	
MAY	.914E+07	<.903E-01	.154E+00	.228E-01	.232E-01	.282E-01	.132E-02	.676E-01	
JUN	.930E+07	<.899E-01	.130E+00	.228E-01	.106E-01	.319E-01	<.158E-02	<.516E-01	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ									
73 SUM	.608E+08	<.138E+01	.227E+01	.273E+00	.190E+00	.179E+00	<.760E-02	<.429E+00	
PRE SUM	.348E+10	<.706E+02	.544E+04	.187E+03	.196E+03	.220E+03	.166E+02	<.401E+02	<.748E+01
TOT SUM	.354E+10	<.720E+02	.544E+04	.187E+03	.196E+03	.220E+03	.166E+02	<.405E+02	<.748E+01
73 DECAY	.608E+08	<.138E+01	.182E+01	.271E+00	.154E+00	.178E+00	<.737E-02	<.429E+00	
PREDECAY	.348E+10	<.706E+02	.731E+03	.155E+03	.111E+02	.173E+03	.452E+01	<.401E+02	<.748E+01
TOTDECAY	.354E+10	<.720E+02	.733E+03	.155E+03	.113E+02	.173E+03	.453E+01	<.405E+02	<.748E+01
MONTHLY MAXIMUM CONC		(UCI/ML) FEB .503E-05	(UCI/ML) FEB .124E-03	(UCI/ML) JAN .740E-05	(UCI/ML) FEB .941E-05	(UCI/ML) FEB .544E-05	(UCI/ML) JUN <.170E-06	(UCI/ML) FEB .378E-08	
AVERAGE CONC		<.140E-05	.372E-04	.448E-05	.313E-05	.294E-05	<.125E-06	<.235E-08	

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-10B CRIB
 WASTE STREAM DESCRIPTION- B PLANT R-13 CHANGE HOUSE DECONTAMINATION SINK AND SHOWER WASTE FROM JUNE
 1969 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.757E+03	.106E-05	.456E-04					<.151E-04
FEB	.757E+03	.113E-05	.262E-04	<.388E-05				<.756E-05
MAR								
APR	.757E+03	.110E-05	.360E-04					<.756E-05
MAY	.757E+03	.602E-06	.272E-03					<.756E-05
JUN								
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.303E+04	.390E-05	.380E-03	<.388E-05				<.378E-04
PRE SUM	.212E+05	<.394E-04	.133E-02	<.327E-03	<.169E-05	<.106E-03	<.450E-06	<.665E-03
TOT SUM	.242E+05	<.433E-04	.171E-02	<.331E-03	<.169E-05	<.106E-03	<.450E-06	<.703E-03
73 DECAY	.303E+04	.390E-05	.300E-03	<.384E-05				<.378E-04
PREDECAY	.212E+05	<.394E-04	.876E-03	<.299E-03	<.426E-06	<.985E-04	<.346E-06	<.665E-03
TOTDECAY	.242E+05	<.433E-04	.118E-02	<.302E-03	<.426E-06	<.985E-04	<.346E-06	<.703E-03
MONTHLY MAXIMUM CONC		(UCI/ML) FEB .920E-07	(UCI/ML) MAY .359E-03	(UCI/ML) FEB <.513E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JAN <.666E-08
AVERAGE CONC		.790E-07	.125E-03	<.128E-05				<.416E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-12 CRIB
 WASTE STREAM DESCRIPTION- 221-U BUILDING PROCESS AND STEAM CONDENSATE FROM 1952 THROUGH 1957.
 B PLANT CONSTRUCTION WATER FROM MAY 12, 1967 TO OCTOBER 1967. B PLANT
 PROCESS CONDENSATE FROM NOVEMBER 1967 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.402E+07	.313E-03	.157E+02	.295E+01	.696E+00	.343E+01	<.700E-01	<.407E-01
FEB	.316E+07	.135E-02	.712E+01	.945E+00	.516E+00	.189E+01	<.118E+00	<.318E-01
MAR	.354E+07	.262E-02	.967E+01	.229E+01	.109E+01	.128E+01	.556E-02	<.357E-01
APR	.358E+07	.100E-02	.100E+02	.181E+01	.817E+00	.235E+01	.540E-02	<.361E-01
MAY	.352E+07	.200E-02	.418E+01	.157E-02	.158E+00	.104E+01	.505E-02	<.352E-01
JUN	.189E+07	<.109E-02	.240E+01	.265E+00	.406E+00	.529E+00	.894E-02	<.191E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.197E+08	<.837E-02	.491E+02	.827E+01	.368E+01	.105E+02	<.213E+00	<.199E+00
PRE SUM	.497E+09	.374E+03	.111E+05	<.144E+03	.307E+03	.119E+04	<.141E+01	.209E+05
TOT SUM	.517E+09	.374E+03	.112E+05	<.153E+03	.311E+03	.120E+04	<.162E+01	.209E+05
73 DECAY	.197E+08	<.837E-02	.461E+02	.820E+01	.304E+01	.104E+02	<.203E+00	<.199E+00
PREDECAY	.497E+09	.374E+03	.247E+04	<.113E+03	<.531E+01	.105E+04	<.891E+00	.209E+05
TOTDECAY	.517E+09	.374E+03	.251E+04	<.121E+03	<.835E+01	.106E+04	<.109E+01	.209E+05
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .454E-07	(UCI/ML) JAN .391E-02	(UCI/ML) JAN .734E-03	(UCI/ML) MAR .306E-03	(UCI/ML) JAN .853E-03	(UCI/ML) FEB <.373E-04	(UCI/ML) JAN <.338E-08
AVERAGE CONC		<.261E-07	.249E-02	.420E-03	.187E-03	.534E-03	<.108E-04	<.336E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-50 CRIB
 WASTE STREAM DESCRIPTION- IN-TANK SOLIDIFICATION NO. 1 CONDENSATE FROM JANUARY 1965 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.668E+05	<.920E-05	.129E+00	.533E-04	.122E-02	.655E-01	.711E-05	<.388E-03
FEB	.210E+06	<.479E-04	.203E+00	.152E-03	.170E-02	.100E+00	<.212E-04	<.122E-02
MAR	.227E+06	<.312E-04	.227E+00	.215E-02	.186E-02	.114E+00	<.242E-04	<.138E-02
APR	.181E+06	<.428E-04	.231E+00	.880E-04	.156E-02	.115E+00	<.285E-04	<.115E-02
MAY	.191E+06	<.509E-04	.172E+00	.115E-03	.570E-03	.857E-01	<.293E-04	<.116E-02
JUN	.742E+05	<.294E-03	.104E+00	.100E-03	.308E-04	.541E-01	<.169E-04	<.118E-02
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.949E+06	<.476E-03	.107E+01	.266E-02	.694E-02	.535E+00	<.127E-03	<.647E-02
PRE SUM	.537E+08	<.238E+00	.240E+03	<.599E+01	.111E+02	.873E+02	<.330E+00	<.278E+00
TOT SUM	.546E+08	<.239E+00	.241E+03	<.600E+01	.111E+02	.878E+02	<.331E+00	<.284E+00
73 DECAY	.949E+06	<.476E-03	.105E+01	.264E-02	.563E-02	.531E+00	<.123E-03	<.647E-02
PREDECAY	.537E+08	<.238E+00	.157E+03	<.517E+01	.153E+00	.756E+02	<.147E+00	<.278E+00
TOTDECAY	.546E+08	<.239E+00	.158E+03	<.518E+01	.159E+00	.761E+02	<.147E+00	<.284E+00
MONTHLY MAXIMUM CONC		(UCI/ML) JUN <.243E-06	(UCI/ML) JAN .193E-02	(UCI/ML) MAR .951E-05	(UCI/ML) JAN .183E-04	(UCI/ML) JAN .980E-03	(UCI/ML) JUN <.227E-06	(UCI/ML) JUN <.528E-08
AVERAGE CONC		<.308E-07	.112E-02	.281E-05	.731E-05	.563E-03	<.134E-06	<.227E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-B-55 CRIB
WASTE STREAM DESCRIPTION- B PLANT STEAM CONDENSATE FROM SEPTEMBER, 1967 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.151E+08	<.600E-03	.177E+01	.134E+00	.293E-01	.732E+00	<.134E-02	<.816E-01
FEB	.113E+08	.102E-02	.121E+01	.215E+00	.277E-01	.364E+00	<.111E-02	<.609E-01
MAR	.131E+08	.494E-02	.142E+01	.190E+00	.470E-02	.387E+00	<.307E-02	<.715E-01
APR	.128E+08	.661E-02	.678E+00	.112E+00	.159E-01	.195E+00	<.207E-02	<.881E-01
MAY	.131E+08	.355E-02	.159E+01	.269E+00	.171E-01	.455E+00	.207E-02	<.714E-01
JUN	.711E+07	<.366E-03	.194E+01	.124E-01	<.562E-02	.996E-01	<.765E-03	<.381E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.725E+08	.171E-01	.860E+01	.932E+00	.100E+00	.223E+01	<.104E-01	<.412E+00
PRE SUM	.516E+09	<.414E+00	.126E+03	<.527E+01	<.125E+01	.180E+02	<.314E+00	<.344E+01
TOT SUM	.589E+09	<.431E+00	.135E+03	<.621E+01	<.135E+01	.202E+02	<.325E+00	<.385E+01
73 DECAY	.725E+08	.171E-01	.826E+01	.925E+00	.816E-01	.222E+01	<.101E-01	<.412E+00
PREDECAY	.516E+09	<.414E+00	.481E+02	<.483E+01	<.131E+00	.166E+02	<.172E+00	<.344E+01
TOTDECAY	.589E+09	<.431E+00	.564E+02	<.575E+01	<.212E+00	.188E+02	<.183E+00	<.385E+01
MONTHLY MAXIMUM CONC		(UCI/ML) APR .316E-07	(UCI/ML) JUN .272E-03	(UCI/ML) MAY .206E-04	(UCI/ML) FEB .245E-05	(UCI/ML) JAN .483E-04	(UCI/ML) MAR <.235E-06	(UCI/ML) APR <.229E-08
AVERAGE CONC		.145E-07	.119E-03	.128E-04	.138E-05	.308E-04	<.144E-06	<.189E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-57 CRIB
 WASTE STREAM DESCRIPTION- IN-TANK SOLIDIFICATION NO. 2 CONDENSATE FROM FEBRUARY 1968 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.925E+06	<.211E-03	.201E+00	.467E-03	.352E-02	.982E-01	<.166E-03	<.538E-02
FEB	.701E+06	<.905E-04	.624E+00	.502E-03	.657E-02	.315E+00	<.700E-04	<.389E-02
MAR	.136E+07	<.128E-03	.611E+00	.585E-03	.402E-02	.295E+00	<.168E-03	<.789E-02
APR	.107E+07	<.147E-03	.218E+01	.140E-03	.119E-01	.105E+01	<.103E-03	<.651E-02
MAY	.765E+06	<.165E-03	.334E+00	.147E-03	.165E-02	.164E+00	<.627E-04	<.445E-02
JUN	.312E+06	<.577E-03	.791E-01	.118E-03	.484E-03	<.378E-01	<.478E-04	<.330E-02
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.513E+07	<.132E-02	.403E+01	.196E-02	.282E-01	.196E+01	<.618E-03	<.314E-01
PRE SUM	.792E+08	<.185E+00	.834E+03	.315E+01	.869E+01	.369E+03	<.135E+00	<.858E+00
TOT SUM	.844E+08	<.187E+00	.838E+03	.315E+01	.871E+01	.371E+03	<.136E+00	<.890E+00
73 DECAY	.513E+07	<.132E-02	.394E+01	.194E-02	.233E-01	.195E+01	<.594E-03	<.314E-01
PREDECAY	.792E+08	<.185E+00	.652E+03	.279E+01	<.678E+00	.334E+03	<.756E-01	<.858E+00
TOTDECAY	.844E+08	<.187E+00	.656E+03	.279E+01	<.702E+00	.336E+03	<.762E-01	<.890E+00
MONTHLY MAXIMUM CONC		(UCI/ML) JUN <.114E-06	(UCI/ML) APR .203E-02	(UCI/ML) FEB .716E-06	(UCI/ML) APR .111E-04	(UCI/ML) APR .983E-03	(UCI/ML) JAN <.180E-06	(UCI/ML) JUN <.352E-08
AVERAGE CONC		<.158E-07	.784E-03	.382E-06	.549E-05	.382E-03	<.120E-06	<.204E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-S-20 CRIB
 WASTE STREAM DESCRIPTION- REDOX LABORATORY AND 207-SL BASIN WASTES FROM JANUARY, 1952 TO
 JANUARY 31, 1969. 222-S LABORATORY WASTES FROM NOVEMBER 1972 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.717E+06	<.126E-03	.242E-04					<.763E-02
FEB	.598E+06	<.120E-03	<.373E-04					<.597E-02
MAR	.478E+06	.305E-03	<.166E-04					<.510E-02
APR	.598E+06	<.195E-03	<.236E-04					<.355E-02
MAY	.598E+06	<.157E-03	<.306E-04					<.619E-02
JUN								
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.299E+07	<.902E-03	<.132E-03					<.284E-01
PRE SUM	.132E+09	.171E+03	.762E+04	.451E+02	.100E+03	.110E+03	.141E+01	.376E+02
TOT SUM	.135E+09	.171E+03	.762E+04	.451E+02	.100E+03	.110E+03	.141E+01	.376E+02
73 DECAY	.299E+07	<.902E-03	<.924E-04					<.284E-01
PREDECAY	.132E+09	.171E+03	.260E+03	.347E+02	.367E-01	.840E+02	.291E+00	.376E+02
TOTDECAY	.135E+09	.171E+03	.260E+03	.347E+02	.367E-01	.840E+02	.291E+00	.376E+02
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .391E-07	(UCI/ML) FEB <.624E-07	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) MAR <.355E-08
AVERAGE CONC		<.185E-07	<.443E-07					<.317E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-T-19 CRIB
WASTE STREAM DESCRIPTION- 242-T EVAPORATOR CONDENSATE FROM DECEMBER 1964 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.127E+07	<.546E-04	.592E+00	.103E-01	.134E-01	.261E+00	<.125E-03	<.683E-02
FEB	.127E+07	<.546E-04	.640E+00	.847E-02	.223E-01	.297E+00	<.275E-03	.144E+01
MAR	.235E+06	<.141E-02	.825E+00	.246E+00	.715E-01	.983E-01	.387E-03	<.240E-02
APR	.722E+06	.435E-03	.610E+00	.103E+00	.656E-02	.159E+00	<.831E-04	<.420E-02
MAY	.106E+07	.100E-02	.674E+00	.361E-01	.162E-01	.286E+00	<.156E-03	<.572E-02
JUN	.413E+06	.170E-02	.181E+00	.168E-01	.316E-02	.716E-01	<.970E-04	<.229E-02
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ	.645E+07 ⁰⁷							
73 SUM	.695E+08 ¹¹⁴	<.465E-02	.352E+01	.420E+00	.133E+00	.117E+01	<.112E-02	.146E+01
PRE SUM	.403E+09	.143E+02	.454E+04	.615E+02	.100E+04	.368E+03	.105E+01	<.798E+01
TOT SUM	.472E+09 ⁴¹⁴	.143E+02	.454E+04	.619E+02	.100E+04	.369E+03	.105E+01	<.944E+01
73 DECAY	.695E+08 ¹¹⁴	<.465E-02	.341E+01	.418E+00	.109E+00	.117E+01	<.108E-02	.146E+01
PREDECAY	.403E+09	.143E+02	.579E+03	.410E+02	<.218E+00	.256E+03	<.133E+00	<.798E+01
TOTDECAY	.472E+09 ⁴¹⁴	.143E+02	.582E+03	.414E+02	<.327E+00	.258E+03	<.134E+00	<.944E+01
MONTHLY MAXIMUM CONC		(UCI/ML) MAR <.367E-06	(UCI/ML) MAR .350E-02	(UCI/ML) MAR .104E-02	(UCI/ML) MAR .304E-03	(UCI/ML) MAR .417E-03	(UCI/ML) MAR .164E-05	(UCI/ML) FEB .378E-06
AVERAGE CONC		<.411E-08	.507E-04	.605E-05	.191E-05	.169E-04	<.162E-07	.700E-08

¹STEAM CONDENSATE.

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-Z-12 CRIB
 WASTE STREAM DESCRIPTION- 234-5, 236, AND LABORATORY WASTES (D-6) FROM MARCH 1959 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.571E+06	.420E+02						
FEB	.752E+06	.520E+02						
MAR	.122E+07	.620E+02						
APR	.820E+06	.880E+02						
MAY	.101E+06	.830E+02						
JUN								
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.347E+07	.327E+03						
PRE SUM	.278E+09	.248E+05	.225E+03	<.100E+00	.100E+03	<.100E+00	<.100E+00	<.500E-01
TOT SUM	.281E+09	.251E+05	.225E+03	<.100E+00	.100E+03	<.100E+00	<.100E+00	<.500E-01
73 DECAY	.347E+07	.327E+03						
PREDECAY	.278E+09	.248E+05	.760E+00	<.782E-01	.137E+00	<.794E-01	<.268E-01	<.500E-01
TOTDECAY	.281E+09	.251E+05	.760E+00	<.782E-01	.137E+00	<.794E-01	<.268E-01	<.500E-01
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .507E-01	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		.579E-02						

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-Z-16 CRIB
 WASTE STREAM DESCRIPTION- 231-Z BUILDING WASTE FROM MARCH 1, 1968 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.137E+07	.431E+01	.139E+00					
FEB	.150E+07	.800E+00	.265E-01					
MAR	.137E+07	.903E+00	.293E-01					
APR	.137E+07	.406E-01	.184E-02					
MAY	.134E+07	.740E-01	.361E-02					
JUN	.454E+06	.161E-01	.914E-03					
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.740E+07	.615E+01	.201E+00					
PRE SUM	.844E+08	<.645E+02	<.787E+00					
TOT SUM	.918E+08	<.707E+02	<.988E+00					
73 DECAY	.740E+07	.615E+01	.123E+00					
PREDECAY	.844E+08	<.645E+02	<.117E+00					
TOTDECAY	.918E+08	<.707E+02	<.240E+00					
MONTHLY MAXIMUM CONC		(UCI/ML) JAN .193E-03	(UCI/ML) JAN .101E-03	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		.510E-04	.271E-04					

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-Z-18 CRIB (SPECIFIC RETENTION)
 WASTE STREAM DESCRIPTION- PLUTONIUM RECLAMATION WASTES (236-Z AND 242-Z) FROM APRIL 4, 1969 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.570E+05	.840E+02						
FEB	.722E+05	.172E+03						
MAR	.113E+06	.393E+03						
APR	.111E+06	.534E+03						
MAY	.132E+05	.840E+02						
JUN								
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.366E+06	.127E+04						
PRE SUM	.349E+07	.217E+05						
TOT SUM	.386E+07	.229E+05						
73 DECAY	.366E+06	.127E+04						
PREDECAY	.349E+07	.217E+05						
TOTDECAY	.386E+07	.229E+05						
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .392E+00	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		.212E+00						

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-A-25 SUMMARY
WASTE STREAM DESCRIPTION- AR VAULT COOLING WATER AND PUREX PROCESS COOLING WATER.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
JAN	.701E+08	<.200E-01	<.655E-02	<.796E-04	<.175E-03	<.876E-04	<.563E-02	<.429E+00	
FEB	.604E+08	.203E-01	<.662E-01	.148E-02	<.223E-01	<.714E-02	<.485E-02	<.384E+00	
MAR	.609E+08	<.157E-01	<.742E-02	<.282E-04	<.620E-04	<.310E-04	<.708E-02	<.387E+00	
APR	.472E+08	<.144E-01	.791E-01	<.241E-02	<.178E-01	.170E-01	<.499E-02	<.318E+00	
MAY	.846E+08	<.164E-01	.604E-02	<.127E-02				<.524E+00	
JUN	.178E+09	<.612E-01	<.669E-02				<.181E-02	<.103E+01	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ	.588E+09 ¹								
73 SUM	.109E+10	<.148E+00	<.172E+00	<.527E-02	<.404E-01	<.242E-01	<.244E-01	<.307E+01	
PRE SUM	.167E+12	.421E+03	.226E+06	.482E+03	<.740E+03	.362E+03	<.438E+02	<.627E+03	<.459E+03
TOT SUM	.168E+12	.421E+03	.227E+06	.482E+03	<.740E+03	.362E+03	<.439E+02	<.631E+03	<.459E+03
73 DECAY	.109E+10	<.148E+00	<.154E+00	<.524E-02	<.329E-01	<.241E-01	<.234E-01	<.307E+01	
PREDECAY	.167E+12	.421E+03	.340E+04	.391E+03	<.151E+02	.299E+03	<.224E+02	<.627E+03	<.459E+03
TOTDECAY	.168E+12	.421E+03	.340E+04	.391E+03	<.151E+02	.299E+03	<.224E+02	<.631E+03	<.459E+03
MONTHLY MAXIMUM CONC		(UCI/ML) JUN <.212E-07	(UCI/ML) APR .168E-05	(UCI/ML) APR <.510E-07	(UCI/ML) APR <.377E-06	(UCI/ML) APR .359E-06	(UCI/ML) MAR <.116E-06	(UCI/ML) APR <.224E-08	
AVERAGE CONC		<.835E-08	<.158E-06	<.484E-08	<.371E-07	<.222E-07	<.224E-07	<.939E-09	

¹VOLUME ADJ. INCLUDES .588E+09 FROM 200 EAST POWERHOUSE.

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-A-25 POND
WASTE STREAM DESCRIPTION- PUREX PROCESS COOLING WATER FROM DECEMBER 1957 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
JAN	.625E+08	<.200E-01	<.656E-02	<.796E-04	<.175E-03	<.876E-04	<.563E-02	<.352E+00	
FEB	.529E+08	.203E-01	<.662E-01	.148E-02	<.223E-01	<.714E-02	<.485E-02	<.307E+00	
MAR	.533E+08	<.156E-01	<.740E-02	<.282E-04	<.620E-04	<.310E-04	<.708E-02	<.310E+00	
APR	.396E+08	<.143E-01	.799E-01	<.241E-02	<.178E-01	.170E-01	<.499E-02	<.241E+00	
MAY	.770E+08	<.159E-01	.543E-02	<.127E-02				<.448E+00	
JUN	.168E+09	<.609E-01	<.578E-02				<.181E-02	<.934E+00	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ									
73 SUM	.454E+09	<.147E+00	<.171E+00	<.527E-02	<.404E-01	<.242E-01	<.244E-01	<.259E+01	
PRE SUM	.156E+12	.422E+03	.227E+06	.482E+03	<.741E+03	.361E+03	<.440E+02	.574E+06	<.482E+03
TOT SUM	.157E+12	.422E+03	.227E+06	.482E+03	<.741E+03	.361E+03	<.440E+02	.574E+06	<.482E+03
73 DECAY	.454E+09	<.147E+00	<.154E+00	<.524E-02	<.329E-01	<.241E-01	<.234E-01	<.259E+01	
PREDECAY	.156E+12	.422E+03	.340E+04	.391E+03	<.153E+02	.299E+03	<.225E+02	.574E+06	<.482E+03
TOTDECAY	.157E+12	.422E+03	.340E+04	.391E+03	<.153E+02	.299E+03	<.225E+02	.574E+06	<.482E+03
MONTHLY MAXIMUM CONC		(UCI/ML) FEB	(UCI/ML) APR	(UCI/ML) APR	(UCI/ML) APR	(UCI/ML) APR	(UCI/ML) MAR	(UCI/ML) APR	
		.235E-07	.202E-05	<.608E-07	<.449E-06	.428E-06	<.133E-06	<.202E-08	
AVERAGE CONC		<.199E-07	<.378E-06	<.116E-07	<.890E-07	<.534E-07	<.537E-07	<.190E-08	

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-A-25 POND
 WASTE STREAM DESCRIPTION- AR VAULT COOLING WATER SINCE JANUARY 1, 1969.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.757E+07	<.191E-04	<.266E-03					<.768E-01
FEB	.757E+07	.844E-04	<.378E-03					<.768E-01
MAR	.757E+07	.986E-04	<.234E-03					<.768E-01
APR	.757E+07	<.924E-04	.422E-03					<.768E-01
MAY	.757E+07	.496E-03	.610E-03					<.760E-01
JUN	.946E+07	.325E-03	.915E-03					<.972E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.473E+08	.112E-02	<.282E-02					<.480E+00
PRE SUM	.211E+10	<.656E+00	<.147E+01	<.490E-01	<.231E+00	<.870E-01	<.390E-01	<.449E+01
TOT SUM	.216E+10	<.657E+00	<.147E+01	<.490E-01	<.231E+00	<.870E-01	<.390E-01	<.497E+01
73 DECAY	.473E+08	.112E-02	<.224E-02					<.480E+00
PREDECAY	.211E+10	<.656E+00	<.390E+00	<.444E-01	<.147E-01	<.794E-01	<.230E-01	<.449E+01
TOTDECAY	.216E+10	<.657E+00	<.392E+00	<.444E-01	<.147E-01	<.794E-01	<.230E-01	<.497E+01
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .402E-08	(UCI/ML) JUN .967E-07	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JUN <.342E-08
AVERAGE CONC		.145E-08	<.597E-07					<.338E-08

TABLE 21

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-3 SUMMARY
 WASTE STREAM DESCRIPTION- B PLANT COOLING WATER AND CHEMICAL SEWER, CR VAULT COOLING WATER, PUREX
 CHEMICAL SEWER, ITS-1 AND ITS-2 COOLING WATER.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
JAN	.426E+09	<.395E+00	.412E+00	.215E-02	<.307E-01	.295E-01	<.352E-02	<.412E+01	
FEB	.352E+09	<.230E-01	.588E+00	.367E-03	<.229E-01	<.469E-02	<.375E-02	<.338E+01	
MAR	.389E+09	<.244E-01	.162E+00	.211E-02	<.170E-01	.224E-01	<.348E-02	<.374E+01	
APR	.380E+09	<.173E-01	.267E+00	.153E-02	.214E-01	<.381E-02	<.348E-02	<.368E+01	
MAY	.405E+09	<.203E-01	<.322E-01	.124E-02				<.389E+01	
JUN	.349E+09	<.194E-01	<.422E-01	.415E-02	.245E-02	.345E-02	<.518E-03	<.334E+01	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ									
73 SUM	.230E+10	<.499E+00	.150E+01	.115E-01	<.944E-01	<.638E-01	<.147E-01	<.221E+02	
PRE SUM	.881E+11	<.239E+03	.232E+05	.152E+03	.232E+04	.145E+03	<.198E+02	<.326E+03	<.300E+02
TOT SUM	.904E+11	<.239E+03	.232E+05	.152E+03	.232E+04	.146E+03	<.198E+02	<.348E+03	<.300E+02
73 DECAY	.230E+10	<.499E+00	.107E+01	.115E-01	<.749E-01	<.633E-01	<.141E-01	<.221E+02	
PREDECAY	.881E+11	<.239E+03	.680E+03	.129E+03	.843E+01	.122E+03	<.975E+01	<.326E+03	<.300E+02
TOTDECAY	.904E+11	<.239E+03	.681E+03	.129E+03	.851E+01	.122E+03	<.977E+01	<.348E+03	<.300E+02
MONTHLY MAXIMUM CONC		(UCI/ML) JAN <.569E-07	(UCI/ML) FEB .167E-05	(UCI/ML) JUN .119E-07	(UCI/ML) JAN <.719E-07	(UCI/ML) JAN .691E-07	(UCI/ML) FEB <.107E-07	(UCI/ML) APR <.323E-08	
AVERAGE CONC		<.133E-07	.653E-06	.502E-08	<.410E-07	<.277E-07	<.641E-08	<.320E-08	

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-3 POND
 WASTE STREAM DESCRIPTION- B PLANT COOLING WATER, SINCE JANUARY 1, 1968.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.323E+09	<.612E-03	.361E+00					<.325E+01
FEB	.249E+09	.507E-03	.575E+00					<.251E+01
MAR	.282E+09	<.107E-02	.685E-01					<.284E+01
APR	.277E+09	<.286E-02	.261E+00					<.280E+01
MAY	.297E+09	.677E-02	<.200E-01					<.298E+01
JUN	.243E+09	<.447E-02	.208E-01					<.245E+01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.167E+10	<.163E-01	.131E+01					<.168E+02
PRE SUM	.105E+11	<.793E+01	.720E+02	<.250E+01	<.389E+01	<.680E+01	.375E+01	<.304E+02
TOT SUM	.122E+11	<.794E+01	.733E+02	<.250E+01	<.389E+01	<.680E+01	.375E+01	<.473E+02
73 DECAY	.167E+10	<.163E-01	.853E+00					<.168E+02
PREDECAY	.105E+11	<.793E+01	.219E+02	<.224E+01	<.144E+00	<.615E+01	.195E+01	<.304E+02
TOTDECAY	.122E+11	<.794E+01	.228E+02	<.224E+01	<.144E+00	<.615E+01	.195E+01	<.473E+02
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .140E-08	(UCI/ML) FEB .231E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) APR <.337E-08
AVERAGE CONC		<.599E-09	.782E-06					<.336E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-3 POND
 WASTE STREAM DESCRIPTION- IN-TANK SOLIDIFICATION NO. 1 COOLING WATER, SINCE JANUARY 1, 1969.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.322E+08	.152E-03	.328E-02					<.325E+00
FEB	.303E+08	<.160E-02	<.141E-02					<.307E+00
MAR	.322E+08	<.507E-04	<.573E-02					<.325E+00
APR	.303E+08	.426E-03	.182E-02					<.308E+00
MAY	.338E+08	.150E-03	<.163E-02					<.339E+00
JUN	.327E+08	<.772E-03	<.404E-02					<.330E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.191E+09	<.315E-02	<.179E-01					<.193E+01
PRE SUM	.139E+10	<.690E+00	<.166E+01	<.343E-01	<.880E-01	.431E+00	<.160E-01	<.541E+01
TOT SUM	.159E+10	<.693E+00	<.168E+01	<.343E-01	<.880E-01	.431E+00	<.160E-01	<.734E+01
73 DECAY	.191E+09	<.315E-02	<.132E-01					<.193E+01
PREDECAY	.139E+10	<.690E+00	<.922E+00	<.312E-01	<.716E-02	.402E+00	<.944E-02	<.541E+01
TOTDECAY	.159E+10	<.693E+00	<.935E+00	<.312E-01	<.716E-02	.402E+00	<.944E-02	<.734E+01
MONTHLY MAXIMUM CONC		(UCI/ML) FEB <.324E-08	(UCI/ML) MAR <.178E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) APR <.339E-08
AVERAGE CONC		<.101E-08	<.936E-07					<.336E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-3 POND
 WASTE STREAM DESCRIPTION- IN-TANK SOLIDIFICATION NO. 2 COOLING WATER, SINCE JANUARY 1, 1969.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.308E+08	.638E-04	.712E-02					<.311E+00
FEB	.314E+08	<.134E-02	.378E-02					<.317E+00
MAR	.332E+08	.268E-03	<.903E-03					<.335E+00
APR	.318E+08	<.838E-04	<.202E-02					<.323E+00
MAY	.338E+08	.562E-03	<.807E-02					<.340E+00
JUN	.327E+08	.994E-04	<.275E-02					<.330E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.194E+09	<.242E-02	<.246E-01					<.196E+01
PRE SUM	.191E+10	<.105E+01	<.298E+01	<.564E-01	<.162E+00	<.813E+00	<.179E-01	<.622E+01
TOT SUM	.211E+10	<.106E+01	<.301E+01	<.564E-01	<.162E+00	<.813E+00	<.179E-01	<.817E+01
73 DECAY	.194E+09	<.242E-02	<.180E-01					<.196E+01
PREDECAY	.191E+10	<.105E+01	<.167E+01	<.511E-01	<.103E-01	<.742E+00	<.106E-01	<.622E+01
TOTDECAY	.211E+10	<.106E+01	<.169E+01	<.511E-01	<.103E-01	<.742E+00	<.106E-01	<.817E+01
MONTHLY MAXIMUM CONC		(UCI/ML) FEB <.263E-08	(UCI/ML) MAY <.239E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) APR <.339E-08
AVERAGE CONC		<.768E-09	<.127E-06					<.336E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-B-3 POND
WASTE STREAM DESCRIPTION- PUREX CHEMICAL SEWER, SINCE JANUARY 1, 1968.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
JAN	.409E+08	<.394E+00	.127E+00	.215E-02	<.307E-01	.295E-01	<.352E-02	<.238E+00	
FEB	.409E+08	.195E-01	<.599E-01	.367E-03	<.229E-01	<.469E-02	<.375E-02	<.238E+00	
MAR	.409E+08	<.230E-01	.864E-01	.211E-02	<.170E-01	.224E-01	<.348E-02	<.238E+00	
APR	.409E+08	<.139E-01	.568E-01	.153E-02	.214E-01	<.381E-02	<.348E-02	<.248E+00	
MAY	.409E+08	<.129E-01	.273E-02	.124E-02				<.227E+00	
JUN	.409E+08	<.140E-01	.204E-01	.415E-02	.245E-02	.345E-02	<.518E-03	<.226E+00	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ									
73 SUM	.245E+09	<.478E+00	<.353E+00	.115E-01	<.944E-01	<.638E-01	<.147E-01	<.141E+01	
PRE SUM	.181E+10	<.174E+02	.204E+03	.402E+01	.795E+02	.485E+01	.270E+01	<.167E+02	<.681E+01
TOT SUM	.206E+10	<.179E+02	.205E+03	.403E+01	.796E+02	.491E+01	.271E+01	<.181E+02	<.681E+01
73 DECAY	.245E+09	<.478E+00	<.311E+00	.115E-01	<.749E-01	<.633E-01	<.141E-01	<.141E+01	
PREDECAY	.181E+10	<.174E+02	.254E+02	.359E+01	<.333E+01	.439E+01	.154E+01	<.167E+02	<.681E+01
TOTDECAY	.206E+10	<.179E+02	.257E+02	.360E+01	<.341E+01	.445E+01	.155E+01	<.181E+02	<.681E+01
MONTHLY MAXIMUM CONC		(UCI/ML) JAN	(UCI/ML) JAN	(UCI/ML) JUN	(UCI/ML) JAN	(UCI/ML) JAN	(UCI/ML) FEB	(UCI/ML) APR	
		<.592E-06	.311E-05	.101E-06	<.750E-06	.721E-06	<.917E-07	<.202E-08	
AVERAGE CONC		<.120E-06	<.144E-05	.471E-07	<.385E-06	<.260E-06	<.601E-07	<.192E-08	

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-B-63 SUMMARY
 WASTE STREAM DESCRIPTION- B PLANT CHEMICAL SEWER, B PLANT COOLING WATER AND ITS-2 COOLING WATER

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.303E+08	<.686E-02	.248E-01					<.184E+00
FEB	.235E+08	<.344E-02	<.484E-01					<.137E+00
MAR	.358E+08	<.416E-02	.573E+00	.146E-01	.161E-02	.439E-01		<.208E+00
APR	.425E+08	<.731E-02	.246E-01					<.258E+00
MAY	.676E+08	<.843E-02	.207E-01				<.754E-02	<.375E+00
JUN	.785E+08	<.338E-01	<.236E-01					<.498E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.278E+09	<.640E-01	<.715E+00	.146E-01	.161E-02	.439E-01	<.754E-02	<.166E+01
PRE SUM	.801E+09	<.121E+00	<.748E+01	.165E+01	<.138E+00	<.625E+00	<.600E-02	<.436E+01
TOT SUM	.108E+10	<.185E+00	<.819E+01	.167E+01	<.139E+00	<.669E+00	<.135E-01	<.602E+01
73 DECAY	.278E+09	<.640E-01	<.533E+00	.145E-01	.132E-02	.436E-01	<.741E-02	<.166E+01
PREDECAY	.801E+09	<.121E+00	<.487E+01	.154E+01	<.336E-01	<.592E+00	<.423E-02	<.436E+01
TOTDECAY	.108E+10	<.185E+00	<.541E+01	.155E+01	<.349E-01	<.636E+00	<.116E-01	<.602E+01
MONTHLY MAXIMUM CONC		(UCI/ML) JUN <.264E-07	(UCI/ML) MAR .160E-04	(UCI/ML) MAR .407E-06	(UCI/ML) MAR .449E-07	(UCI/ML) MAR .123E-05	(UCI/ML) MAY <.111E-06	(UCI/ML) JUN <.211E-08
AVERAGE CONC		<.141E-07	<.257E-05	.524E-07	.578E-08	.158E-06	<.271E-07	<.199E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-B-63 TRENCH
WASTE STREAM DESCRIPTION- B PLANT CHEMICAL SEWER FROM MAY 7, 1970 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.303E+08	<.686E-02	.248E-01					<.184E+00
FEB	.235E+08	<.344E-02	<.484E-01					<.137E+00
MAR	.358E+08	<.416E-02	.573E+00	.146E-01	.161E-02	.439E-01		<.208E+00
APR	.425E+08	<.731E-02	.246E-01					<.258E+00
MAY	.676E+08	<.843E-02	.207E-01				<.754E-02	<.375E+00
JUN	.785E+08	<.338E-01	<.236E-01					<.498E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.278E+09	<.640E-01	<.715E+00	.146E-01	.161E-02	.439E-01	<.754E-02	<.166E+01
PRE SUM	.655E+09	<.900E-01	<.756E+01	.165E+01	<.140E+00	<.622E+00	<.585E-02	<.329E+01
TOT SUM	.933E+09	<.154E+00	<.828E+01	.167E+01	<.142E+00	<.666E+00	<.134E-01	<.495E+01
73 DECAY	.278E+09	<.640E-01	<.533E+00	.145E-01	.132E-02	.436E-01	<.741E-02	<.166E+01
PREDECAY	.655E+09	<.900E-01	<.489E+01	.154E+01	<.339E-01	<.589E+00	<.407E-02	<.329E+01
TOTDECAY	.933E+09	<.154E+00	<.542E+01	.156E+01	<.352E-01	<.633E+00	<.115E-01	<.495E+01
MONTHLY MAXIMUM CONC		(UCI/ML) JUN <.264E-07	(UCI/ML) MAR .160E-04	(UCI/ML) MAR .407E-06	(UCI/ML) MAR .449E-07	(UCI/ML) MAR .123E-05	(UCI/ML) MAY <.111E-06	(UCI/ML) JUN <.211E-08
AVERAGE CONC		<.141E-07	<.257E-05	.524E-07	.578E-08	.158E-06	<.271E-07	<.199E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-S-11 POND
 WASTE STREAM DESCRIPTION- 202-S CHEMICAL SEWER

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.169E+08	.104E-03	.598E-03					<.171E+00
FEB	.153E+08	<.358E-04	<.818E-03					<.155E+00
MAR	.169E+08	.126E-03	<.345E-03					<.171E+00
APR	.164E+08	<.562E-04	<.687E-03					<.168E+00
MAY	.169E+08	<.312E-02	.158E-02					<.170E+00
JUN	.164E+08	.365E-03	<.107E-02					<.165E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.987E+08	<.381E-02	<.510E-02					<.100E+01
PRE SUM	.302E+10	<.224E+00	.101E+03	.111E+01	.101E+02	.111E+01	<.133E+00	<.249E+02
TOT SUM	.312E+10	<.228E+00	.101E+03	.111E+01	.101E+02	.111E+01	<.133E+00	<.259E+02
73 DECAY	.987E+08	<.381E-02	<.394E-02					<.100E+01
PREDECAY	.302E+10	<.224E+00	.377E+01	<.829E+00	<.144E-01	<.844E+00	<.604E-01	<.249E+02
TOTDECAY	.312E+10	<.228E+00	.377E+01	<.829E+00	<.144E-01	<.844E+00	<.604E-01	<.259E+02
MONTHLY MAXIMUM CONC		(UCI/ML) MAY <.113E-07	(UCI/ML) MAY .938E-07	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) APR <.341E-08
AVERAGE CONC		<.237E-08	<.517E-07					<.338E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-S-19 POND
 WASTE STREAM DESCRIPTION- REDOX LABORATORY COOLING WATER AND SINK WASTES FROM JANUARY 1952 TO DATE.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.299E+07	<.525E-03	.101E-03					<.318E-01
FEB	.275E+07	<.550E-03	<.172E-03					<.275E-01
MAR	.323E+07	.206E-02	<.112E-03					<.345E-01
APR	.299E+07	<.976E-03	<.118E-03					<.177E-01
MAY	.311E+07	<.814E-03	<.159E-03					<.322E-01
JUN	.284E+07	<.780E-03	<.263E-03					<.295E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.179E+08	<.570E-02	<.925E-03					<.173E+00
PRE SUM	.693E+09	.205E+02	.325E+03	<.246E+01	<.682E+01	<.227E+01	<.563E+00	<.107E+03
TOT SUM	.711E+09	.205E+02	.325E+03	<.246E+01	<.682E+01	<.227E+01	<.563E+00	<.108E+03
73 DECAY	.179E+08	<.570E-02	<.712E-03					<.173E+00
PREDECAY	.693E+09	.205E+02	.110E+02	<.199E+01	<.573E-01	<.189E+01	<.228E+00	<.107E+03
TOTDECAY	.711E+09	.205E+02	.110E+02	<.199E+01	<.573E-01	<.189E+01	<.228E+00	<.108E+03
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .391E-07	(UCI/ML) JUN <.927E-07	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) MAR <.355E-08
AVERAGE CONC		<.196E-07	<.517E-07					<.322E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-T-4 POND
 WASTE STREAM DESCRIPTION- 242-T EVAPORATOR CONDENSER COOLING WATER SINCE JANUARY 1, 1967.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.403E+08	<.136E-03	.321E-02					<.411E+00
FEB	.391E+08	<.149E-03	<.336E-02					<.400E+00
MAR	.175E+08	<.145E-03	.204E-02					<.184E+00
APR	.198E+08	.416E-03	.215E-02					<.205E+00
MAY	.317E+08	.211E-02	.436E-02					<.321E+00
JUN	.122E+08	<.362E-03	.176E-02					<.135E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ	.151E+08 ¹							
73 SUM	.176E+09	<.332E-02	<.169E-01					<.166E+01
PRE SUM	.416E+11	<.367E+01	.500E+03	<.617E+01	.106E+03	.109E+02	<.338E+01	<.688E+03
TOT SUM	.417E+11	<.367E+01	.500E+03	<.617E+01	.106E+03	.109E+02	<.338E+01	<.690E+03
73 DECAY	.176E+09	<.332E-02	<.123E-01					<.166E+01
PREDECAY	.416E+11	<.367E+01	.309E+02	<.514E+01	<.128E+00	.927E+01	<.161E+01	<.688E+03
TOTDECAY	.417E+11	<.367E+01	.309E+02	<.514E+01	<.128E+00	.927E+01	<.161E+01	<.690E+03
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .409E-08	(UCI/ML) JUN .144E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JUN <.367E-08
AVERAGE CONC		<.116E-08	<.960E-07					<.314E-08

¹THE VOLUME ADJ. IS WASTE WATERS FROM T PLANT.

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-U-10 SUMMARY
 WASTE STREAM DESCRIPTION- U PLANT AND 241-SX COOLING WATER, 234-5 AND 231-Z WASTE
 (Z-11 AND Z-19 DITCHES), LAUNDRY WASTE AND POWER HOUSE WATER.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.739E+08	.186E+01	.346E-01					<.257E+00
FEB	.687E+08	.398E+00	<.156E-01					<.232E+00
MAR	.740E+08	.223E+01	.880E-01					<.256E+00
APR	.716E+08	.434E+00	<.203E-01					<.199E+00
MAY	.688E+08	.302E+00	<.508E-01					<.152E+00
JUN	.792E+08	.139E+01	<.126E+00					<.149E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ	.438E+09 ¹							
73 SUM	.875E+09	.661E+01	<.335E+00					<.124E+01
PRE SUM	.119E+12	.810E+04	.305E+04	<.226E+02	.309E+03	<.157E+02	<.435E+01	.144E+04
TOT SUM	.120E+12	.811E+04	.305E+04	<.226E+02	.309E+03	<.157E+02	<.435E+01	.144E+04
73 DECAY	.875E+09	.661E+01	<.266E+00					<.124E+01
PREDECAY	.119E+12	.810E+04	.688E+02	<.162E+02	<.230E+00	<.116E+02	<.199E+01	.144E+04
TOTDECAY	.120E+12	.811E+04	.691E+02	<.162E+02	<.230E+00	<.116E+02	<.199E+01	.144E+04
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .185E-05	(UCI/ML) JUN <.159E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JAN <.116E-08
AVERAGE CONC		.464E-06	<.383E-06					<.474E-09

¹VOLUME ADJ. INCLUDES .414E+09 FROM 200 WEST POWERHOUSE AND .247E+08 FROM 221-U.

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-U-10 DITCH
 WASTE STREAM DESCRIPTION- LAUNDRY WASTE WATER (U-14 DITCH), SINCE JANUARY 1, 1968.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.240E+07	<.248E-02	.525E-03					
FEB	.217E+07	<.291E-03	.142E-02					
MAR	.175E+07	<.450E-03	.577E-03					
APR	.402E+07	.975E-03	.223E-02					
MAY	.557E+07	.134E-02	.321E-02					
JUN	.744E+07	<.100E-02	.170E-01					
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.233E+08	<.654E-02	.249E-01					
PRE SUM	.243E+09	<.353E+00	<.378E+01					
TOT SUM	.267E+09	<.360E+00	<.380E+01					
73 DECAY	.233E+08	<.654E-02	.218E-01					
PREDECAY	.243E+09	<.353E+00	<.281E+00					
TOTDECAY	.267E+09	<.360E+00	<.303E+00					
MONTHLY MAXIMUM CONC		(UCI/ML) JAN <.636E-07	(UCI/ML) JUN .228E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		<.172E-07	.107E-05					

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
DISPOSAL SITE 216-U-10 DITCH
WASTE STREAM DESCRIPTION- 241-SX COOLING WATER, SINCE JANUARY 1, 1968.

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.254E+08	.533E-04	.250E-02					<.257E+00
FEB	.229E+08	.157E-03	.335E-02					<.232E+00
MAR	.254E+08	<.624E-03	.186E-02					<.256E+00
APR	.195E+08	.934E-04	<.117E-02					<.199E+00
MAY	.151E+08	.652E-03	.236E-02					<.152E+00
JUN	.147E+08	.548E-04	<.143E-02					<.149E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.123E+09	<.163E-02	<.127E-01					<.124E+01
PRE SUM	.831E+09	<.644E+02	<.207E+02	<.498E+00	<.111E+01	<.117E+01	<.361E+00	<.389E+01
TOT SUM	.954E+09	<.644E+02	<.207E+02	<.498E+00	<.111E+01	<.117E+01	<.361E+00	<.514E+01
73 DECAY	.123E+09	<.163E-02	<.903E-02					<.124E+01
PREDECAY	.831E+09	<.644E+02	<.380E+01	<.444E+00	<.367E-01	<.106E+01	<.188E+00	<.389E+01
TOTDECAY	.954E+09	<.644E+02	<.381E+01	<.444E+00	<.367E-01	<.106E+01	<.188E+00	<.514E+01
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .264E-08	(UCI/ML) MAY .156E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) APR <.340E-08
AVERAGE CONC		<.816E-09	<.103E-06					<.337E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-U-10 DITCH
 WASTE STREAM DESCRIPTION- 231-Z COOLING WATER (Z-19 DITCH FROM JANUARY 1972 TO DATE)

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.213E+08	<.299E-02	<.256E-02					
FEB	.212E+08	<.447E-02	<.301E-02					
MAR	.213E+08	.739E-02	<.304E-02					
APR	.213E+08	<.438E-02	<.320E-02					
MAY	.214E+08	.443E-02	<.289E-02					
JUN	.223E+08	<.313E-02	<.296E-02					
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.129E+09	<.268E-01	<.177E-01					
PRE SUM	.293E+09	<.175E+00	<.733E-01					
TOT SUM	.422E+09	<.201E+00	<.910E-01					
73 DECAY	.129E+09	<.268E-01	<.131E-01					
PREDECAY	.293E+09	<.175E+00	<.273E-01					
TOTDECAY	.422E+09	<.201E+00	<.404E-01					
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .212E-07	(UCI/ML) APR <.150E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		<.128E-07	<.137E-06					

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1973 AT
 DISPOSAL SITE 216-U-10 DITCH
 WASTE STREAM DESCRIPTION- 234-5 COOLING WATER FROM JANUARY 1, 1968 TO DATE AND THE 231-Z
 COOLING WATER FROM JANUARY 1, 1968 TO DECEMBER 31, 1971. (Z-11 DITCH
 FROM JANUARY 1, 1968 TO MAY 1971 AND Z-19 DITCH FROM MAY 1971 TO DATE)

1973	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.248E+08	.185E+01	.290E-01					
FEB	.225E+08	.393E+00	.777E-02					
MAR	.256E+08	.222E+01	.825E-01					
APR	.267E+08	.428E+00	.137E-01					
MAY	.267E+08	.295E+00	<.424E-01					
JUN	.348E+08	.139E+01	<.105E+00					
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.161E+09	.657E+01	<.280E+00					
PRE SUM	.245E+10	<.872E+02	<.556E+02	<.222E+01				
TOT SUM	.262E+10	<.938E+02	<.559E+02	<.222E+01				
73 DECAY	.161E+09	.657E+01	<.222E+00					
PREDECAY	.245E+10	<.872E+02	<.860E+01	<.201E+01				
TOTDECAY	.262E+10	<.938E+02	<.882E+01	<.201E+01				
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .532E-05	(UCI/ML) MAR .322E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		.250E-05	<.174E-05					

1. HW-55176 - WOOD, V. W., (INDEX OF CPD CRIB BUILDING NUMBERS, DESIGNS OF CPD RADIOACTIVE LIQUID WASTE DISPOSAL SITES), MARCH 10, 1958, UNCLASSIFIED.
2. ARH-1562 - LUNDGREN, L. L., (200 EAST AND NORTH AREAS RADIOACTIVE LIQUID WASTE DISPOSAL SITES), JANUARY 1, 1970, UNCLASSIFIED.
3. ARH-2155 - LUNDGREN, L. L., (RADIOACTIVE LIQUID WASTE DISPOSAL FACILITIES IN THE 200 WEST AREA), AUGUST 31, 1971, UNCLASSIFIED.
4. ARH-2761 - ANDERSON, J. D., HANSON, G. L., KIEL, G. R., MCMURRY, B. J., AND NISICK, N. P., (INPUT AND DECAYED VALUES OF RADIOACTIVE LIQUID WASTES DISCHARGED TO THE GROUND IN THE 200 AREAS THROUGH 1971), MARCH 22, 1973, UNCLASSIFIED.
5. ARH-2757 - PART 3. ANDERSON, J. D., (RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND IN THE 200 AREAS DURING 1972), APRIL 9, 1973, UNCLASSIFIED.

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
CRIBS		
216-A-1	N-41330 W-47150	H-2-56016
216-A-2	N-39515 W-48278	H-2-56050, H-2-56049
216-A-3	N-40530 W-48540	H-2-56050, H-2-56049
216-A-4	N-39515 W-48158	H-2-56050, H-2-56049
216-A-5	N-39510 W-48750	H-2-56050, H-2-56049
216-A-6	N-39880 W-47000	H-2-56016, H-2-56015
216-A-7	N-41205 W-47200	H-2-56016, H-2-55951
216-A-8	N-41612 W-46734 N-41779 W-54870	H-2-56157, H-2-56158
216-A-9	N-41000 W-48355 N-41297 W-48652	H-2-55577, H-2-55578 H-2-55579
216-A-10	N-39090 W-48952 N-39370 W-48952	H-2-55576, H-2-55578 H-2-58131
216-A-18	N-41860 W-47000	H-2-55900, H-2-56119
216-A-19	N-41900 W-46680	H-2-56521

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-A-20	N-41875 W-46540	H-2-56521
216-A-21	N-39300 W-48160	H-2-57042, H-2-57032
216-A-24	N-42206 W-45328 N-42494 W-46854	H-2-56977, H-2-56978
216-A-27	N-39100 W-48118 N-39100 W-48318	H-2-57509, H-2-57508
216-A-28	N-40362 W-48595	H-2-57617
216-A-30	N-39150 W-44990 N-39735 W-46260	H-2-57720, H-2-57719
216-A-31	N-39370 W-48290	H-2-57934
216-A-36-A	N-39000 W-48525 N-39105 W-48525	H-2-59805, H-2-59129
216-A-36-B	N-38500 W-48525 N-39000 W-48525	H-2-59805, H-2-59129
216-A-37	N-39856 W-45816 N-40157 W-46449	H-2-57719, H-2-62876 H-2-57720, H-2-62877
216-A-38	N-38971 W-49352 N-39471 W-49352	H-2-62876, H-2-62875 H-2-62877

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-A-39	N-41860 W-47399 N-41930 W-47489	H-2-34761, H-2-33295
216-A-40	N-41519 W-48209 N-41868 W-48404	H-2-61979, H-2-63083 H-2-63084
216-B-5	N-43480 W-52855	H-2-1031, H-2-1123
216-B-7	N-45602 W-52764 N-45648 W-52790	H-2-558, H-2-579
216-B-8	N-45880 W-52840	H-2-579, H-2-738
216-B-9	N-43757 W-52617	H-2-1031, H-2-1123
216-B-10	N-42195 W-53868	H-2-1649, H-2-1722
216-B-10B	N-42195 W-53943	H-2-32522, H-2-1649
216-B-11	N-45674 W-52619 N-45734 W-52619	H-2-2024, H-2-2021
216-B-12	N-42972 W-55000 N-43133 W-55000	H-2-43029, H-2-43027 H-2-43028, H-2-43046
216-B-14	N-35855 W-53309	H-2-2900, H-2-2907
216-B-15	N-35935 W-53447	H-2-2900, H-2-2907

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-B-16	N-35716 W-53389	H-2-2900, H-2-2907
216-B-17	N-35796 W-53527	H-2-2900, H-2-2907
216-B-18	N-35577 W-53469	H-2-2900, H-2-2907
216-B-19	N-35657 W-53607	H-2-2900, H-2-2907
216-B-20	N-35540 W-54190 N-35970 W-53940	H-2-3203, H-2-3204 H-2-35020
216-B-21	N-35540 W-54305 N-35970 W-54055	H-2-3203, H-2-3204 H-2-35020
216-B-22	N-35540 W-54420 N-35970 W-54171	H-2-3203, H-2-3204 H-2-35020
216-B-23	N-35300 W-54244 N-35300 W-54744	H-2-3232, H-2-35020
216-B-24	N-35200 W-54244 N-35200 W-54744	H-2-3232, H-2-35020
216-B-25	N-35100 W-54244 N-35100 W-54744	H-2-3232, H-2-35020
216-B-26	N-35000 W-54244 N-35000 W-54744	H-2-3232, H-2-35020

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-B-27	N-34900 W-54244 N-34900 W-54744	H-2-3232, H-2-35020
216-B-28	N-34800 W-54244 N-34800 W-54744	H-2-3232, H-2-35020
216-B-29	N-35972 W-54900 N-35972 W-55400	H-2-3336, H-2-3337 H-2-35020
216-B-30	N-35847 W-54900 N-35847 W-55400	H-2-3336, H-2-3337 H-2-35020
216-B-31	N-35722 W-54900 N-35722 W-55400	H-2-3336, H-2-3337 H-2-35020
216-B-32	N-35597 W-54900 N-35597 W-55400	H-2-3336, H-2-3337 H-2-35020
216-B-33	N-35472 W-54900 N-35472 W-55400	H-2-3336, H-2-3337 H-2-35020
216-B-34	N-35347 W-54900 N-35347 W-55400	H-2-3336, H-2-3337 H-2-35020
216-B-35	N-45273 W-53850 N-45273 W-54102	H-2-2431, SK-2-2408
216-B-36	N-45323 W-53850 N-45323 W-54102	H-2-2431, SK-2-2408

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-B-37	N-45413 W-53850 N-45413 W-54102	H-2-2431 SK-2-2408
216-B-38	N-45503 W-53850 N-45503 W-54102	H-2-2431, SK-2-2408
216-B-39	N-45593 W-53850 N-45593 W-54102	H-2-2431, SK-2-2408
216-B-40	N-45683 W-53850 N-45683 W-54102	H-2-2431, SK-2-2408
216-B-41	N-45773 W-53850 N-45773 W-54102	H-2-2431, SK-2-2408
216-B-42	N-45273 W-54152 N-45273 W-54404	H-2-2431 SK-2-2408
216-B-43	N-46332 W-53355	H-2-2603, H-2-2605
216-B-44	N-46417 W-53355	H-2-2603, H-2-2605
216-B-45	N-46502 W-53355	H-2-2603, H-2-2605
216-B-46	N-46587 W-53355	H-2-2603, H-2-2605
216-B-47	N-46332 W-53499	H-2-2603, H-2-2605
216-B-48	N-46417 W-53499	H-2-2603, H-2-2605

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-B-49	N-46502 W-53499	H-2-2603, H-2-2605
216-B-50	N-46587 W-53499	H-2-2603, H-2-2605
216-B-52	N-35415 W-54170 N-35415 W-54750	H-2-3232, H-2-3336 H-2-35020
216-B-53-A	N-35972 W-54690 N-35972 W-54750	H-2-32522, H-2-3336 H-2-35020
216-B-53-B	N-35916 W-54723 N-35937 W-54583	H-2-32522, H-2-3336 H-2-35020
216-B-54	N-35772 W-54550 N-35772 W-54750	H-2-32522, H-2-3336 H-2-35020
216-B-55	N-42497 W-54810 N-42920 W-55431	SK-2-19674 H-2-60330
216-B-56	N-42885 W-52600 N-42955 W-52600	SK-2-19674 H-2-60329
216-B-57	N-46160 W-53775 N-46360 W-53775	H-2-62406
216-B-58	N-35672 W-54550 N-35672 W-54750	H-2-3336 H-2-33400
216-B-59	N-43001 W-52787 N-43284 W-52504	H-2-60310

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-B-60	N-42573 W-54178 N-42583 W-54178	H-2-60311 H-2-34303
216-C-1	N-42069 W-50235	H-2-4037, H-2-32523
216-C-3	N-42055 W-50390	H-2-4034, H-2-32523
216-C-4	N-42060 W-50430	H-2-4010, H-2-4425
216-C-5	N-42030 W-50360	H-2-4010, H-2-4425
216-C-6	N-42015 W-50066	H-2-4425, H-2-4425
216-C-7	N-42000 W-50672	H-2-44336, H-2-32523
216-C-10	N-42100 W-49870	H-2-4540, H-2-32523
216-S-1&2	N-35419 W-75170 N-35444 W-75214	H-2-1813, H-2-1774 H-2-1776
216-S-3	N-36000 W-75500	H-2-39574, H-2-1813
216-S-5	N-32740 W-77000	H-2-5963, H-2-5962
216-S-6	N-33250 W-77850	H-2-2594, H-2-2595
216-S-7	N-35152 W-74510	H-2-30135
216-S-8	N-35350 W-75300	M-2600 SA22, H-2-32525

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-S-9	N-36150 W-74550	H-2-32363, H-2-32362
216-S-12	N-34965 W-73384	H-2-2430, H-2-32525
216-S-13	N-34610 W-74620	H-2-5385, H-2-5391
216-S-18	N-36200 W-74800	H-2-2430, H-2-32525
216-S-20	N-34296 W-73337	H-2-5229, H-2-5224
216-S-21	N-35920 W-76400	H-2-39549, H-2-39574
216-S-22	N-34533 W-73080 N-34533 W-73185	H-2-31047
216-S-23	N-36669 W-74709 N-37020 W-74725	SK-2-21845, H-2-46111 H-2-46112
216-T-3	N-43335 W-74250	H-2-353, H-2-951
216-T-5	N-43500 W-76200 N-43550 W-76200	H-2-2430 H-2-44510 SHT-3
216-T-6	N-43315 W-74450 N-43315 W-74525	H-2-353, H-2-951
216-T-7	N-43285 W-76000 N-43285 W-76356	H-2-578 HW-72182 #1

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-T-8	N-43545 W-72950	H-2-353
216-T-12	N-43560 W-75140	H-2-2430, H-2-44510
216-T-14	N-43780 W-75275 N-44000 W-75275	SK-2-2409
216-T-15	N-43760 W-75185 N-44000 W-75185	SK-2-2409
216-T-16	N-43760 W-75095 N-44000 W-75095	SK-2-2409
216-T-17	N-43760 W-75045 N-44000 W-75045	SK-2-2409
216-T-18	N-42790 W-75300	M-2600 SHT-11
216-T-19	N-41270 W-75600	H-2-806, H-2-3019
216-T-20	N-41380 W-74720	H-2-44510 SHT-3
216-T-21	N-41530 W-76450 N-41530 W-76690	SK-2-2409
216-T-22	N-41620 W-76450 N-41620 W-76690	SK-2-2409
216-T-23	N-41710 W-76450 N-41710 W-76690	SK-2-2409

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-T-24	N-41530 : W-76450 : N-41530 : W-76690 :	M-2892 SHT-15 : SK-2-2409
216-T-25	N-41350 : W-76570 :	M-2892 SHT-15
216-T-26	N-42275 : W-75330 :	H-2-2733, H-2-2735
216-T-27	N-42360 : W-75330 :	H-2-2733, H-2-2735
216-T-28	N-42445 : W-75330 :	H-2-2733, H-2-2735
216-T-30	N-43880 : W-73200 :	H-2-32526
216-T-33	N-44100 : W-73600 :	H-2-32097, H-2-32096
216-T-34	N-44200 : W-73900 :	H-2-32649 H-2-32650
216-T-35	N-44558 : W-74575 : N-45015 : W-74520 :	H-2-33446 : H-2-33447
216-T-36	N-43093 : W-76000 : N-43093 : W-76155 :	H-2-33472
216-U-1&2	N-37860 : W-74242 : N-37860 : W-74340 :	H-2-50061 : H-2-32527
216-U-3	N-37620 : W-75630 :	H-2-44004, H-2-32527
216-U-4-A	N-38215 : W-73215 :	H-2-43081, SK-2-3733

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-U-4-B	N-38248 W-73100	SK-2-3337, H-2-34762
216-U-5	N-39027 W-72922	H-2-32527
216-U-6	N-39042 W-73038 N-39079 W-73103	H-2-32527
216-U-8	N-36860 W-73100	H-2-43028, H-2-31321
216-U-12	N-36350 W-73100	H-2-31321, H-2-32527
216-U-13	N-38200 W-76070	H-2-32527
216-U-15	N-38220 W-73900	H-2-34762 (SITE ONLY)
216-Z-1&2	N-39350 W-76550	H-2-16459, H-2-32528
216-Z-1-A	N-39023 W-76501 N-39435 W-76815	H-2-16459, H-2-32528 H-2-24923
216-Z-3	N-39435 W-76461	H-2-12292, H-2-24923
216-Z-4	N-40875 W-76475	H-2-511, H-2-32528
216-Z-5	N-40920 W-76670 N-40985 W-76670	H-2-346, H-2-32528 H-2-32682
216-Z-6	N-40712 W-76480 N-40753 W-76508	H-2-508, H-2-32528 H-2-32682

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-Z-7	N-40830 W-75970 N-40970 W-76220	H-2-511, H-2-32528 H-2-32682
216-Z-8	N-40000 W-76250	H-2-16653, H-2-32528
216-Z-9	N-39800 W-75850	H-2-15492, H-2-20986
216-Z-10	N-40804 W-76535	H-2-32528, H-2-32682
216-Z-12	N-39400 W-77200 N-39480 W-77209	H-2-20987, H-2-20986 H-2-20988, H-2-32528
216-Z-16	N-41113 W-76892 N-41113 W-77072	H-2-26074, H-2-21718 H-2-26075
216-Z-17	N-40563 W-76372 N-40563 W-76435	H-2-32682 H-2-32528
216-Z-18	N-38670 W-76800 N-38930 W-76960	H-2-26093 H-2-26094
PONDS, DITCHES, OR TRENCHES		
216-A-25 POND*	N-55632 W-51350 N-54763 W-52052 N-50962 W-47349 N-51830 W-46647	H-2-66018 H-2-3325

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-A-29 DITCH	N-40700 W-47065 HEAD N-43300 W-44790 TERMINUS	H-2-44500
216-B-2-1 EAST DITCH	N-43642 W-46962 HEAD N-43645 W-45760 TERMINUS	M-2600-E SHT 26
216-B-2-1 WEST DITCH	N-44977 W-51922 HEAD N-44169 W-48525 TERMINUS	M-2600-E SHT 27 N-2904-E SHT 33
216-B-2-2 EAST DITCH	N-43692 W-46906 HEAD N-43250 W-43300 TERMINUS	M-2600-E SHT 26
216-B-2-2 WEST DITCH	N-44930 W-51990 HEAD N-44180 W-48525 TERMINUS	H-2-44500 SHT 5
216-B-2-3 B-2 DITCH CURRENT	N-43656 W-47025 HEAD N-43183 W-43347 TERMINUS	
216-B-3 POND*	N-43967 W-44787 N-42468 W-41745	H-2-2431 H-6-418
216-B-63 TRENCH	N-45110 W-51793 HEAD N-44635 W-50254 TERMINUS	H-2-44500 SHT 5
216-C-9 POND*	N-42650 W-50740 N-42520 W-49840	H-2-32523 H-2-4010
216-N-4 POND*	N-54250 W-62900 N-53400 W-62330	H-2-32524

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-N-6 POND*	N-54275 W-60325 N-53600 W-59800	H-2-32524
216-S-10 DITCH	N-33800 W-75421 HEAD N-32325 W-77100 TERMINUS	H-2-32525
216-S-11 POND*	N-32690 W-77070 N-31750 W-76640	H-2-5962 H-2-2430
216-S-16 POND*	N-31600 W-81140 N-32920 W-82180 N-32920 W-80900 N-31600 W-80900	H-2-30264
216-S-17 POND*	N-31680 W-77350 N-31180 W-79738 N-31635 W-79738 N-32950 W-78265 N-32950 W-77350	H-2-2594
216-S-19 POND*	N-32200 W-72910 N-31840 W-72650	H-2-34762
216-T-1 DITCH	N-44455 W-73050 HEAD N-44570 W-73050 N-44955 W-73600 TERMINUS	H-2-5101 M-2904 SHT11
216-T-4 POND*	N-44000 W-75630 N-46150 W-76970 N-46150 W-77150 N-44000 W-77150	H-2-2430 H-2-578

200 AREA RADIOACTIVE LIQUID WASTE DISPOSAL SITES

SITE NUMBER	APPROXIMATE COORDINATES	REFERENCE DRAWINGS
216-U-9 DITCH	N-35750 W-78050 HEAD N-35900 W-77000 TERMINUS	H-2-2430
216-U-10 POND*	N-37200 W-78010 N-35800 W-77000	H-2-2430 SK-2-1888
216-U-14 DITCH	N-41270 W-74710 HEAD N-36845 W-76910 TERMINUS	M-2600 SHT 17
216-Z-11 DITCH	N-39413 W-76002 HEAD N-37050 W-76950 TERMINUS	M-2904 SHT 18
216-Z-19 DITCH	N-39420 W-75991 HEAD N-37050 W-76950 TERMINUS	H-2-34762

* THE POND IS CONTAINED WITHIN THE AREA OUTLINED BY THE COORDINATES
BUT IS OF IRREGULAR SHAPE.

DATE PONDS AND DITCHES PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-A-25 GABLE MOUNTAIN POND	DEC 1957	ACTIVE
216-B-2-2E TERMINUS OF B-2-2 DITCH	MAR 1970	NOV 1970
216-B-2-2W HEAD OF B-2-2 DITCH	MAR 1970	MAY 1970
216-B-3 B POND AND DITCHES	APR 1945	ACTIVE
216-B-63 B PLANT CHEM SEWER, ETC.	MAR 1970	ACTIVE
216-C-9 SEMIWORKS POND	JUN 1953	SEP 1969
216-N-4 200 NORTH P-POND	SEP 1944	JUN 1952
216-N-6 200 NORTH R-POND	SEP 1944	JUN 1952
216-S-10 REDOX CHEM SEWER DITCH	FEB 1954	MAY 1954

DATE PONDS AND DITCHES PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-S-11 REDOX CHEM SEWER DITCH	MAY 1954	ACTIVE
216-S-16 REDOX POND NO.2	SEP 1956	INACTIVE
216-S-17 REDOX POND NO.1	NOV 1951	APR 1954
216-S-19 222-S LAB POND	FEB 1952	ACTIVE
216-T-1 221-T (HEAD END) DITCH	NOV 1944	ACTIVE
216-T-4 T PLANT POND	NOV 1944	ACTIVE
216-U-9 U POND OVERFLOW DITCH	MAR 1952	APR 1954
216-U-10 U POND AND DITCHES	MAR 1952	ACTIVE
216-U-11 U POND OVERFLOW POND	MAR 1952	NOT USED

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-A-3 203-A SILICA GEL WASTES	FEB 1956	INACTIVE
216-A-4 LAB AND STACK DRAIN	DEC 1955	DEC 1958
216-A-5 PROCESS COND.	NOV 1955	NOV 1961
216-A-6 PUREX STEAM COND.	NOV 1955	JAN 1970
216-A-7 241-A-152 BOX DRAIN	NOV 1955	JUL 1959
216-A-8 TANK FARM CONDENSATE	NOV 1955	ACTIVE
216-A-9 N-REACTOR WASTES AND ACID FRACTIONATOR	MAR 1956	1967
216-A-10 PUREX PROCESS COND.	NOV 1961	ACTIVE
216-A-21 AMMONIA SCRUBBER AND LAB WASTES	OCT 1957	JUN 1965

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-A-24 TANK FARM COND.	MAY 1958	DEC 1967
216-A-27 LAB, SCRUBBER AND STACK DRAIN	JUN 1965	JUL 1970
216-A-28 203-A AND UNH TANK WASTES	DEC 1958	NOV 1967
216-A-30 PUREX STEAM COND.	JAN 1961	ACTIVE
216-A-36B AMMONIA SCRUBBER WASTES	MAR 1966	INACTIVE
216-A-37 STEAM COND.	NOT USED	
216-A-38 PROCESS COND.	NOT USED	
216-B-5 221-B AND 5-6 WASTES	APR 1945	OCT 1947
216-B-7 224-B WASTES AND 5-6 CELL DRAIN AND 221-B CONSTRUCTION WASTE WATER	OCT 1946	MAY 1967

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-B-8 224-B, 5-6 AND 2ND CYCLE WASTES	MAR 1948	JUL 1954
216-B-9 5-6 AND 2ND CYCLE WASTES	AUG 1948	JUL 1951
216-B-10 222-B AND 292-B WASTES	DEC 1949	1958
216-B-10B B PLANT R-13 WASTE	JUN 1969	ACTIVE
216-B-11 242-B COND.	DEC 1951	OCT 1954
216-B-12 U PLANT COND. AND B PLANT COND.	NOV 1952	ACTIVE
216-B-14 U PLANT SCAVENGED WASTE	JAN 1956	FEB 1956
216-B-15 U PLANT SCAVENGED WASTE	APR 1956	DEC 1957
216-B-16 U PLANT SCAVENGED WASTE	APR 1956	AUG 1956

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-B-17 TANK FARM SCAVENGED WASTE	JAN 1956	JAN 1956
216-B-18 U PLANT SCAVENGED WASTE	MAR 1956	APR 1956
216-B-19 U PLANT AND TANK FARM SCAVENGED WASTE	FEB 1957	OCT 1957
216-B-43 U PLANT SCAVENGED WASTE	NOV 1954	NOV 1954
216-B-44 U PLANT SCAVENGED WASTE	NOV 1954	MAR 1955
216-B-45 U PLANT SCAVENGED WASTE	APR 1955	JUN 1955
216-B-46 U PLANT SCAVENGED WASTE	SEP 1955	DEC 1955
216-B-47 U PLANT SCAVENGED WASTE	SEP 1955	SEP 1955

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-B-48 U PLANT SCAVENGED WASTE	NOV 1955	NOV 1955
216-B-49 U PLANT SCAVENGED WASTE	NOV 1955	DEC 1955
216-B-50 ITS-1 WASTE	JAN 1965	ACTIVE
216-B-55 B PLANT STEAM CONDENSATE	SEP 1967	ACTIVE
216-B-57 ITS-2 WASTE	FEB 1968	ACTIVE
216-C-1 201-C PROCESS CONDENSATE	JAN 1953	JUN 1957
216-C-3 271-C CHEMICAL WASTE	JAN 1953	MAR 1954
216-C-5 201-C HIGH SALT WASTE	MAR 1955	JUN 1955
216-C-7 209-E CRITICAL MASS LAB	JAN 1960	ACTIVE

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-C-10 STRONTIUM PROCESS CONDENSATE	NOV 1964	MAY 1967
216-N-2 212-N BASIN AND SLUDGE CLEAN-OUT	MAR 1947	APR 1947
216-N-3 212-N BASIN AND SLUDGE CLEAN-OUT	MAY 1952	JUN 1952
216-N-5 212-P BASIN AND SLUDGE CLEAN-OUT	MAY 1952	JUN 1952
216-N-7 212-R BASIN AND SLUDGE CLEAN-OUT	MAY 1952	JUN 1952
216-S1 & 2 REDOX PROCESS CONDENSATE	JAN 1952	JAN 1956
216-S-3 241-S TK-101 AND 104 CONDENSATE	AUG 1953	AUG 1956
216-S-5 STEAM CONDENSATE	MAR 1954	MAR 1957
216-S-6 REDOX STEAM CONDENSATE	NOV 1954	INACTIVE

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-S-7 PROCESS COND.	JAN 1956	JUL 1965
216-S-9 PROCESS COND.	JUL 1965	JAN 1969
216-S-18 STEAM CLEAN. PIT	OCT 1954	OCT 1954
216-S-20 222-S AND 300-A LAB WASTES	JAN 1952	ACTIVE
216-S-21 241-SX COND.	NOV 1954	INACTIVE
216-S-22 293-S CAUSTIC SCRUBBER	OCT 1957	JUNE 1967
216-S-23 REDOX PROCESS CONDENSATE	JAN 1969	INACTIVE
216-T-3 224-T, 5 AND 6 WASTES	JUN 1945	AUG 1946
216-T-6 224-T 5 AND 6 WASTES	AUG 1946	OCT 1947

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-T-7 224-T 5-6 AND SECOND CYCLE	APR 1948	NOV 1955
216-T-8 222-T LAB WASTES	MAY 1950	SEP 1951
216-T-19 224-T, 242-T, 5-6, SECOND CYCLE WASTE EVAP.	SEP 1951	ACTIVE
216-T-20 241-TX-155 DIVERSION BOX	NOV 1952	NOV 1952
216-T-26 SCAVENGED WASTES	AUG 1955	NOV 1956
216-T-27 DECONTAMINATION, SCAVENGED WASTE 300 AREA	SEP 1965	NOV 1965
216-T-28 DECONTAMINATION AND 300 AREA	FEB 1960	DEC 1966
216-T-32 224-T WASTES	NOV 1946	MAY 1952
216-T-33 2706-T BLDG. WASTES	JAN 1963	FEB 1963

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-T-34 300 AREA LAB WASTES	MAY 1966	MAR 1967
216-T-35 300 AREA LAB WASTES	MAR 1967	INACTIVE
216-T-36 221-T DECON. FACILITY WASTE	MAY 1967	INACTIVE
216-U-1&2 224-U, DECON- TAMINATION WASTE	NOV 1951	JUN 1967
216-U-3 241-U TK-110 CONDENSATE	MAY 1954	AUG 1955
216-U-4A 222-U WASTE	JUL 1955	JUL 1970
216-U-4B 222-U WASTE	JAN 1960	JUL 1970
216-U-8 PROCESS COND. AND STACK DRAIN	JUN 1952	MAR 1960
216-U-12 U03 PROCESS COND. AND STACK DRAIN	APR 1960	INACTIVE

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-U-13 241-UR STEAM CLEANING PIT	MAR 1952	MAR 1956
216-Z-1A OVERFLOW FROM Z1, 2, 3	JUN 1949	MAR 1959
216-Z-3 D-6 WASTES	JUN 1952	MAR 1959
216-Z-4 231-Z LAB WASTE	JUN 1945	JUN 1945
216-Z-5 231-Z PROCESS WASTES	JUN 1945	FEB 1947
216-Z-6 231-Z PROCESS WASTES	JUN 1945	JUN 1945
216-Z-7 231-Z LAB WASTE AND 300 AREA WASTE	FEB 1947	JAN 1967
216-Z-8 SILICA TANK OVERFLOW	JUL 1955	APR 1962
216-Z-9 RECUPLEX CAW WASTE	JUL 1955	JUN 1962

DATE CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-Z-10 231-Z PROCESS AND LABORATORY WASTES	FEB 1945	JUN 1945
216-Z-12 234-5 PROCESS AND LAB WASTE	MAR 1959	ACTIVE
216-Z-16 231-Z WASTE	MAR 1968	ACTIVE
216-Z-17 231-Z WASTE	FEB 1967	FEB 1968

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-A-1 START-UP WASTES	NOV 1955	DEC 1955
216-A-2 PUREX ORGANIC	MAY 1956	JAN 1963
216-A-18 START-UP WASTES	NOV 1955	DEC 1955
216-A-19 START-UP WASTES	NOV 1955	DEC 1955
216-A-20 START-UP WASTES	NOV 1955	DEC 1955
216-A-31 PUREX ORGANIC	JAN 1963	INACTIVE
216-A-36A AMMONIA SCRUBBER WASTES	SEP 1965	MAR 1966
216-A-39 241-AX-801-B FLOOR DRAINAGE	JUN 1966	INACTIVE
216-A-40 244-AR EMERGENCY COIL DIVERSION	JAN 1968	INACTIVE
216-B-20 221-U SCAVENGED TBP SUPERNATANT WASTE	AUG 1956	SEP 1956

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-B-21 221-U SCAVENGED TBP SUPERNATANT WASTE	SEP 1956	OCT 1956
216-B-22 221-U SCAVENGED TBP SUPERNATANT WASTE	OCT 1956	OCT 1956
216-B-23 221-U SCAVENGED TBP SUPERNATANT WASTE	OCT 1956	OCT 1956
216-B-24 221-U SCAVENGED TBP SUPERNATANT WASTE	OCT 1956	NOV 1956
216-B-25 221-U SCAVENGED TBP SUPERNATANT WASTE	NOV 1956	DEC 1956
216-B-26 221-U SCAVENGED TBP SUPERNATANT WASTE	DEC 1956	FEB 1957
216-B-27 221-U SCAVENGED TBP SUPERNATANT WASTE	FEB 1957	APR 1957
216-B-28 221-U SCAVENGED TBP SUPERNATANT WASTE	APR 1957	JUN 1957

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-B-29 221-U SCAVENGED TBP SUPERNATANT WASTE	JUN 1957	JUL 1957
216-B-30 221-U SCAVENGED TBP SUPERNATANT WASTE	JUL 1957	JUL 1957
216-B-31 221-U SCAVENGED TBP SUPERNATANT WASTE	JUL 1957	AUG 1957
216-B-32 221-U SCAVENGED TBP SUPERNATANT WASTE	AUG 1957	SEP 1957
216-B-33 221-U SCAVENGED TBP SUPERNATANT WASTE	SEP 1957	OCT 1957
216-B-34 221-U SCAVENGED TBP SUPERNATANT WASTE	OCT 1957	OCT 1957
216-B-35 FIRST CYCLE SUPERNATANT	FEB 1954	MAR 1954
216-B-36 FIRST CYCLE SUPERNATANT	MAR 1954	APR 1954

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-B-37 EVAPORATOR BOTTOMS	AUG 1954	AUG 1954
216-B-38 FIRST CYCLE SUPERNATANT	JUL 1954	JUL 1954
216-B-39 FIRST CYCLE SUPERNATANT	DEC 1953	NOV 1954
216-B-40 FIRST CYCLE SUPERNATANT	APR 1954	JUL 1954
216-B-41 FIRST CYCLE SUPERNATANT	NOV 1954	NOV 1954
216-B-42 U PLANT SCAVENGED WASTE	FEB 1955	MAR 1955
216-B-52 SCAVENGED WASTE	DEC 1957	JAN 1958
216-B-53A PRTR WASTE	OCT 1965	NOV 1965
216-B-53B 300 AREA WASTE	NOV 1962	MAR 1963

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-B-54 300 AREA WASTE	MAR 1963	OCT 1965
216-B-56 221-B ORGANIC CRIB (NOT USED)	NOT USED	
216-B-58 300 AREA WASTE	NOV 1965	JUN 1967
216-B-59 221-B EMERGENCY COIL DIVERSION	MAR 1968	INACTIVE
216-B-60 221-B CELL DRAIN CLEANOUT	NOV 1967	NOV 1967
216-C-4 276-C ORGANIC WASTE	JUL 1955	MAY 1965
216-C-6 241-CX COND.	SEP 1955	SEP 1964
216-S-8 START-UP WASTES	NOV 1951	FEB 1952
216-S-12 291-S STACK WASH	JUL 1954	JUL 1954
216-S-13 REDOX ORGANIC	FEB 1951	INACTIVE

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-T-5 SECOND CYCLE WASTE	MAY 1955	MAY 1955
216-T-12 RETENTION BASIN SLUDGE	NOV 1954	NOV 1954
216-T-14 FIRST CYCLE SUPERNATANT	JAN 1954	JAN 1954
216-T-15 FIRST CYCLE SUPERNATANT	FEB 1954	FEB 1954
216-T-16 FIRST CYCLE SUPERNATANT	FEB 1954	FEB 1954
216-T-17 FIRST CYCLE SUPERNATANT	FEB 1954	JUN 1954
216-T-18 SCAVENGED WASTE	NOV 1953	NOV 1953
216-T-21 FIRST CYCLE SUPERNATANT	JUN 1954	AUG 1954
216-T-22 FIRST CYCLE SUPERNATANT	JUL 1954	AUG 1954

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-T-23 FIRST CYCLE SUPERNATANT	JUL 1954	AUG 1954
216-T-24 FIRST CYCLE SUPERNATANT	AUG 1954	AUG 1954
216-T-25 FIRST CYCLE BOTTOMS	SEP 1954	SEP 1954
216-T-30 TX-154 DIVERSION BOX	JUL 1953	JUL 1953
216-U-5 COLD START-UP URANIUM	MAR 1952	MAR 1952
216-U-6 COLD START-UP URANIUM	MAR 1952	MAR 1952
216-U-15 CONTAMINATED SOLVENT	MAY 1957	MAY 1957
216-Z-1&2 D-6 WASTES	JUN 1949	MAY 1969
216-Z-1A A 236 AND 242 WASTE	JUN 1964	MAY 1966

DATE SPECIFIC RETENTION CRIBS PLACED IN USE AND REMOVED FROM SERVICE

DISPOSAL SITE	PLACED IN USE	REMOVED FROM SERVICE
216-Z-1A B 236 AND 242-Z WASTES	MAY 1966	OCT 1967
216-Z-1A C 236 AND 242-Z	OCT 1967	MAY 1969
216-Z-18 236 AND 242-Z	APR 1969	ACTIVE