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R. M. Smithers, Manager
Waste Processing Section

RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND IN THE
200 AREAS DURING THE FIRST THREE QUARTERS OF 1973

J. D. Anderson

Operations Analysis
Waste Processing Section
Manufacturing and Waste Management Division

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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 three quarters of 1973, cumulative data since plant startup are presented. Also in this document is a listing of decayed activity to the various plant sites.

DISCUSSION

The format of this report has been changed considerably from the preceding reports so that all of the information on each site can be found on one page. All of the information found in Tables 1, 2, 3, and the Appendix has been combined and is now located in Table 1. The data in Table 1 contains an estimate of the radioactivity discharged to individual ponds, cribs, and specific retention sites within the Manufacturing and Waste Management Division during the first three quarters of 1973 and from startup through September 30, 1973; an estimate of the decayed activities from startup through September 30, 1973; the location and reference drawings of each disposal site; and the usage dates of each disposal site. The estimates for the radioactivity discharged and for decayed activities discharged from startup through September 30, 1973 are based upon Item 4 of the Bibliography. The volume of liquid discharged to the ponds also includes major nonradioactive streams.

An overall summary is presented on page 1 giving the radioactive liquid wastes discharged to ground during the first three quarters of 1973 and since startup (for both total and decayed depositions) within the Manufacturing and Waste Management 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.

The wastes discharged during 1973 to each active disposal site are detailed on a month-to-month basis in Tables 2 through 33 along with the monthly maximum concentration and average concentration data. An estimate of the radioactivity discharged to each active site along with the remaining decayed activities are also found in these tables. This places all of the data on each active disposal site in one table.

The data contained in this report supersedes that contained in the first half report (ARH-2806 2Q, unclassified, October 19, 1973, J. D. Anderson, "Radioactive Liquid Wastes Discharged to Ground in the 200 Areas During First Half 1973"). It should also be noted that the plutonium value for the 216-Z-9 site has been reduced from 150 kilograms to 38.5 kilograms based upon new analytical data.

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

$$.241\text{E}+07 = 0.241 \times 10^7$$

$$.241\text{E}-07 = 0.241 \times 10^{-7}$$

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 9/30 1973		TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME (L)		.752E+10	.225E+09	.366E+06	.774E+10
PU (GM)		<.903E+01	.335E+03	.127E+04	.161E+04
BETA (CI)		<.348E+01	.774E+02		.809E+02
SR-90 (CI)		<.567E-01	.107E+02		.107E+02
RU-106 (CI)		<.147E+00	.502E+01		<.516E+01
CS-137 (CI)		<.160E+00	.190E+02		.191E+02
CO-60 (CI)		<.561E-01	<.366E+00		<.422E+00
U (KGM)		<.552E+02	<.302E+01		<.582E+02
U-233 (GM)					

THROUGH 9/30 1973 (FROM START-UP)

VOLUME (L)		.478E+12	.275E+11	.185E+09	.506E+12
PU (GM)		.917E+04	.930E+05	.898E+05	.192E+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)		<.658E+04	.638E+05	.480E+05	.118E+06
U-233 (GM)		<.489E+03	.479E+03		<.967E+03

DECAYED THROUGH 9/30 1973 (FROM START UP)

VOLUME (L)		.478E+12	.275E+11	.185E+09	.506E+12
PU (GM)		.917E+04	.930E+05	.898E+05	.192E+06
BETA (CI)		.559E+04	.811E+05	.593E+05	.146E+06
SR-90 (CI)		.152E+04	.207E+05	.796E+04	.302E+05
RU-106 (CI)		<.208E+02	.143E+04	.179E+03	.163E+04
CS-137 (CI)		.509E+03	.129E+05	.213E+05	.346E+05
CO-60 (CI)		<.378E+02	<.143E+03	.182E+02	<.199E+03
U (KGM)		<.658E+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 9/30 1973		TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME	(L)	.587E+10	.194E+09		.607E+10
PU	(GM)	<.106E+01	<.173E+01		<.279E+01
BETA	(CI)	<.281E+01	.730F+02		.758E+02
SR-90	(CI)	<.567E-01	.102F+02		.103E+02
RU-106	(CI)	<.147E+00	.487E+01		<.502E+01
CS-137	(CI)	<.160E+00	.175F+02		.177F+02
CO-60	(CI)	<.561E-01	<.364E+00		<.420E+00
U	(KGM)	<.493E+02	<.152E+01		<.508E+02
U-233	(GM)				

THROUGH 9/30 1973 (FROM START-UP)

VOLUME	(L)	.263E+12	.161E+11	.103E+09	.279E+12
PU	(GM)	<.662E+03	.105E+05	.437E+03	.116E+05
BETA	(CI)	.252E+06	.176F+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)	<.101E+04	.277E+05	.467E+05	.755E+05
U-233	(GM)	<.489E+03	.479E+03		<.967E+03

DECAYED THROUGH 9/30 1973 (FROM START UP)

VOLUME	(L)	.263E+12	.161E+11	.103E+09	.279E+12
PU	(GM)	<.662E+03	.105E+05	.437E+03	.116E+05
BETA	(CI)	.516E+04	.562F+05	.387E+05	.100E+06
SR-90	(CI)	.140E+04	.144F+05	.781E+04	.236F+05
RU-106	(CI)	<.199E+02	.138E+04	.178E+03	.158E+04
CS-137	(CI)	.421E+03	.766E+04	.107E+05	.188E+05
CO-60	(CI)	<.313E+02	<.117E+03	.159E+02	<.165E+03
U	(KGM)	<.101E+04	.277E+05	.467E+05	.755E+05
U-233	(GM)	<.489E+03	.479E+03		<.967E+03

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 9/30 1973		TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME (L)		.164E+10	.308E+08	.366E+06	.167E+10
PU (GM)		<.797E+01	.333E+03	.127E+04	.161E+04
BETA (CI)		<.671E+00	.444E+01		<.511E+01
SR-90 (CI)			.460E+00		.460E+00
RU-106 (CI)			.142E+00		.142E+00
CS-137 (CI)			.148E+01		.148E+01
CO-60 (CI)			<.133E-02		<.133E-02
U (KGM)		<.589E+01	.150E+01		<.739E+01
U-233 (GM)					

THROUGH 9/30 1973 (FROM START-UP)

VOLUME (L)		.215E+12	.114E+11	.828E+08	.227E+12
PU (GM)		.851E+04	.825E+05	.894E+05	.180E+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)		<.558E+04	.361E+05	.129E+04	.429E+05
U-233 (GM)					

DECAYED THROUGH 9/30 1973 (FROM START UP)

VOLUME (L)		.215E+12	.114E+11	.828E+08	.227E+12
PU (GM)		.851E+04	.825E+05	.894E+05	.180E+06
BETA (CI)		.432E+03	.249E+05	.206E+05	.460E+05
SR-90 (CI)		<.118E+03	.632E+04	.147E+03	.658E+04
RU-106 (CI)		<.914E+00	.530E+02	.937E+00	.549E+02
CS-137 (CI)		<.875E+02	.510E+04	.106E+05	.158E+05
CO-60 (CI)		<.647E+01	<.258E+02	.230E+01	<.346E+02
U (KGM)		<.558E+04	.361E+05	.129E+04	.429E+05
U-233 (GM)					

TABLE 1-A

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-A-25	GABLE MOUNTAIN POND. PLACED IN USE DEC 1957 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-55632, W-51352 TO N-54763, W-52052 TO N-50962, W-47349 TO N-51830, W-46647. REFERENCE DRAWINGS: H-2-66018, H-2-3325.								
1973 SUM	.197E+10	<.380E+03	<.272E+00	<.260E-01	<.427E-01	<.471E-01	<.308E-01	<.135E+02	
TOT SUM	.169E+12	.422E+03	.227E+06	.482E+03	<.740E+03	.362E+03	<.439E+02	<.641E+03	<.459E+03
TOTDECAY	.169E+12	.422E+03	.272E+04	.389E+03	<.127E+02	.297E+03	<.217E+02	<.641E+03	<.459E+03
216-B-2-2F	TERMINUS OF B-2-2 DITCH. PLACED IN USE MAR 1970 AND REMOVED FROM SERVICE NOV 1970. APPROXIMATE COORDINATES: N-43692, W-46906 (HEAD) TO N-43250, W-43300 (TERMINUS). REFERENCE DRAWINGS: M-2600-E SHT 26. THE VOLUME IS INCLUDED IN THE 216-B-3 POND.								
1973 SUM									
TOT SUM			.146E+04	.710E+03		.500E+00			
TOTDECAY			.131E+04	.655E+03		.464E+00			
216-B-2-2W	HEAD OF B-2-2 DITCH. PLACED IN USE MAR 1970 AND REMOVED FROM SERVICE MAY 1970. APPROXIMATE COORDINATES: N-44930, W-51990 (HEAD) TO N-44180, W-48525 (TERMINUS). REFERENCE DRAWINGS: H-2-44500 SHT 5.								
1973 SUM									
TOT SUM	.497E+08	<.420E-01	.494E+03	.242E+03		.500E+00		<.472E-01	
TOTDECAY	.497E+08	<.420E-01	.448E+03	.223E+03		.464E+00		<.472E-01	
216-B-3	B POND AND DITCHES. PLACED IN USE APR 1945 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-43967, W-44787, N-42468, W-41745. REFERENCE DRAWINGS: H-2-2431, H-6-418.								
1973 SUM	.338E+10	<.586E+00	.159E+01	<.152E-01	<.103E+00	<.688E-01	<.179E-01	<.332E+02	
TOT SUM	.914E+11	<.239E+03	.232E+05	.152E+03	.232E+04	.146E+03	<.198E+02	<.359E+03	<.300E+02
TOTDECAY	.914E+11	<.239E+03	.663E+03	.128E+03	.716E+01	.121E+03	<.945E+01	<.359E+03	<.300E+02

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	PU-126 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-63	B PLANT CHEM SEWER, ETC. PLACED IN USE MAR 1970 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-45110, W-51793 (HEAD) TO N-44635, W-50254 (TERMINUS). REFERENCE DRAWINGS: H-2-44500 SHT 5.								
1973 SUM	.518E+09	<.948E+01	<.940E+00	.146E-01	.161E-02	.439E-01	<.754E-02	<.256E+01	
TOT SUM	.132E+10	<.216E+01	<.842E+01	.167E+01	<.139E+00	<.669E+00	<.135E-01	<.691E+01	
TOTDECAY	.132E+10	<.216E+00	<.536E+01	.154E+01	<.293E-01	<.632E+00	<.113E-01	<.691E+01	
216-C-9	SEMIWORKS POND. PLACED IN USE JUN 1953 AND REMOVED FROM SERVICE SEP 1969. APPROXIMATE COORDINATES: N-42650, W-50740, N-42520, W-49840. REFERENCE DRAWINGS: H-2-32523, H-2-4110.								
1973 SUM									
TOT SUM	.133E+10	<.338E+00	.794E+02	.514E+01	.520E+01	<.120E+01	<.385E+00	<.916E+00	
TOTDECAY	.133E+10	<.338E+00	.998E+01	.369E+01	.107E-01	<.104E+01	<.174E+00	<.916E+00	
216-N-4	200 NORTH F-POND. PLACED IN USE SEP 1944 AND REMOVED FROM SERVICE JUN 1952. APPROXIMATE COORDINATES: N-54250, W-62900, N-53400, W-62330. REFERENCE DRAWINGS: H-2-32524.								
1973 SUM									
TOT SUM	.946E+09	.100E+01	.100E+02	.199E+00	.428E+00	.212E+00		.454E+01	
TOTDECAY	.946E+09	.100E+01	.451E+00	.108E+00	.411E-07	.120E+00		.454E+01	
216-N-6	200 NORTH R-POND. PLACED IN USE SEP 1944 AND REMOVED FROM SERVICE JUN 1952. APPROXIMATE COORDINATES: N-54275, W-60325, N-53600, W-59800. REFERENCE DRAWINGS: H-2-32524.								
1973 SUM									
TOT SUM	.946E+09	.100E+01	.100E+02	.199E+00	.428E+00	.212E+00		.454E+01	
TOTDECAY	.946E+09	.100E+01	.451E+00	.108E+00	.411E-07	.120E+00		.454E+01	

TABLE 1-A

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-S-10	REDOX CHEM SEWER DITCH. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE MAY 1954. APPROXIMATE COORDINATES: N-33800, W-75421 (HEAD) TO N-32325, W-77100. REFERENCE DRAWINGS: H-2-32525.								
1973 SUM									
TOT SUM	.201E+06	<.100E+03	.240E+02	.100E+01	.100E+02	.100E+01		.227E+01	
TOTDECAY	.201E+06	<.100E+03	.248E+01	.623E+00	.171E+04	.642E+00		.227E+01	
216-S-11	REDOX CHEM SEWER DITCH. PLACED IN USE MAY 1954 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-32690, W-77070, N-31750, W-76640. REFERENCE DRAWINGS: H-2-5962, H-2-2430.								
1973 SUM	.149E+09	<.398E+02	<.696E+02					<.152E+01	
TOT SUM	.317E+10	<.228E+03	.101E+03	.111E+01	.101E+02	.111E+01	<.133E+00	<.265E+02	
TOTDECAY	.317E+10	<.228E+03	.372E+01	<.824E+00	<.121E+01	<.839E+00	<.584E+01	<.265E+02	
216-S-16	REDOX POND NO.2. PLACED IN USE SEP 1956 AND IS INACTIVE. APPROXIMATE COORDINATES: N-31600, W-81140 TO N-32920, W-82180 TO N-32920, W-80900 TO N-31600, W-81140. REFERENCE DRAWINGS: H-2-30264.								
1973 SUM									
TOT SUM	.407E+11	.368E+03	.176E+04	<.915E+02	.218E+03	.584E+02	<.592E+01	.316E+04	
TOTDECAY	.407E+11	.368E+03	.232E+03	<.685E+02	.553E+00	.443E+02	<.271E+01	.316E+04	
216-S-17	REDOX POND NO.1. PLACED IN USE NOV 1951 AND REMOVED FROM SERVICE APR 1954. APPROXIMATE COORDINATES: N-31680, W-77350 TO N-31180, W-79738 TO N-31635, W-79738 TO N-32950, W-78265 TO N-32950, W-77350. REFERENCE DRAWINGS: H-2-2594.								
1973 SUM									
TOT SUM	.643E+10	.300E+01	.110E+04	.400E+02	.500E+02	.300E+02		.136E+03	
TOTDECAY	.643E+10	.300E+01	.840E+02	.242E+02	.386E+04	.187E+02		.136E+03	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-S-19	222-S LAB POND. PLACED IN USE FEB 1952 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-32200, W-72910, N-31840, W-72650. REFERENCE DRAWINGS: H-2-34762.								
1973 SUM	.266E+08	<.805E+02	<.195E+02						<.268E+03
TOT SUM	.720E+09	.205E+02	.325E+03	<.246E+01	<.682E+01	<.227E+01	<.563E+00		<.108E+03
TOTDECAY	.720E+09	.205E+02	.106E+02	<.197E+01	<.481E+01	<.187E+01	<.220E+00		<.108E+03
216-T-1	221-T (HEAD END) DITCH. PLACED IN USE NOV 1944 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-44455, W-73050 (HEAD) TO N-44570, W-73050 TO N-44955, W-71620. (TERMINUS). REFERENCE DRAWINGS: H-2-5101, M-2904 SHT11.								
1973 SUM									
TOT SUM	.178E+09	<.107E+00	.500E+01	<.100E+00	.100E+01	<.100E+00			.450E+01
TOTDECAY	.178E+09	<.100E+00	.221E+00	<.551E-01	.543E-07	<.572E-01			.450E+01
216-T-4	T PLANT POND. PLACED IN USE NOV 1944 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-44300, W-75630 TO N-46150, W-76970 TO N-46150, W-77150 TO N-44000, W-77150. REFERENCE DRAWINGS: H-2-2430, H-2-578.								
1973 SUM	.252E+09	<.452E+02	<.267E+01						<.238E+01
TOT SUM	.418E+11	<.367E+01	.500E+03	<.617E+01	.106E+03	.109E+02	<.338E+01		<.690E+03
TOTDECAY	.418E+11	<.367E+01	.306E+02	<.511E+01	<.177E+00	.922E+01	<.156E+01		<.690E+03
216-U-9	U POND OVERFLOW DITCH. PLACED IN USE MAR 1952 AND REMOVED FROM SERVICE APR 1954. APPROXIMATE COORDINATES: N-35750, W-78050 (HEAD) TO N-35900, W-77100 (TERMINUS). REFERENCE DRAWINGS: H-2-2430.								
216-U-10	U POND AND DITCHES. PLACED IN USE MAR 1952 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-37200, W-79010, N-35800, W-77000. REFERENCE DRAWINGS: H-2-2430, SK-2-1888.								
1973 SUM	.122E+10	<.795E+01	<.635E+00						<.172E+01
TOT SUM	.121E+12	.311E+04	.305E+04	<.226E+02	.309E+03	<.157E+02	<.435E+01		.144E+04
TOTDECAY	.121E+12	.311E+04	.675E+02	<.161E+02	<.193E+00	<.115E+02	<.193E+01		.144E+04

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[illegible]

216-U-11 U FOND OVERFLOW FOND. PLACED IN USE MAR 1952 AND IS NOT USED.

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-A-3	213-A SILICA GEL WASTES. PLACED IN USE FEB 1956 AND IS INACTIVE. APPROXIMATE COORDINATES: N-40530, W-48540. REFERENCE DRAWINGS H-2-56050, H-2-56049.								
1973 SUM									
TOT SUM	.280E+07	.200E+00	.882E+03	.100E+00	.350E+03	<.100E+00	<.100E+00	.168E+04	
TOTDECAY	.280E+07	.200E+00	.629E+00	.654E-01	.199E-01	<.672E-01	<.103E-01	.168E+04	
216-A-4	LAB AND STACK DRAIN. PLACED IN USE DEC 1955 AND REMOVED FROM SERVICE DEC 1958. APPROXIMATE COORDINATES: N-39515, W-48158. REFERENCE DRAWINGS: H-2-56050, H-2-56049.								
1973 SUM									
TOT SUM	.621E+07	.140E+03	.864E+03	.100E+02	.410E+03	.150E+02	.100E+01	.399E+03	
TOTDECAY	.621E+07	.140E+03	.332E+02	.666E+01	.542E-02	.103E+02	.114E+00	.399E+03	
216-A-5	PROCESS COND. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE NOV 1961. APPROXIMATE COORDINATES: N-39510, W-48750. REFERENCE DRAWINGS: H-2-56050, H-2-56049.								
1973 SUM									
TOT SUM	.163E+10	.650E+02	.341E+04	.900E+02	.150E+03	.250E+02	.110E+03	.263E+03	
TOTDECAY	.163E+10	.650E+02	.184E+03	.631E+02	.134E-01	.179E+02	.167E+02	.263E+03	
216-A-6	PUPEX STEAM COND. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE JAN 1970. APPROXIMATE COORDINATES: N-39880, W-47000. REFERENCE DRAWINGS: H-2-56016, H-2-56015.								
1973 SUM									
TOT SUM	.340E+10	<.756E+02	.760E+05	.911E+02	.223E+03	.211E+03	.186E+01	<.165E+03	
TOTDECAY	.340E+10	<.756E+02	.845E+03	.670E+02	.681E+00	.156E+03	.905E+00	<.165E+03	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CC-60 (CI)	U (KGM)	U-233 (GM)
216-A-7	241-A-152 BOX DRAIN. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE JUL 1959. APPROXIMATE COORDINATES: N-41205, W-47200. REFERENCE DRAWINGS: H-2-56116, H-2-56951.								
1973 SUM									
TOT SUM	.326E+06	.10E+01	.800E+02	.100E+01	.300E+02	.500E+01	.100E+00	.680E+01	
TOTDECAY	.326E+06	.10E+01	.801E+01	.654E+00	.137E+01	.341E+01	.103E+01	.680E+01	
216-A-8	TANK FARM CONDENSATE. PLACED IN USE NOV 1955 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-41612, W-46734 TO N-41779, W-54870. REFERENCE DRAWINGS: H-2-56157, H-2-56158.								
1973 SUM	.389E+07	<.739E+03	.432E+01	.262E+00	<.504E+00	.137E+01	<.200E+01	<.409E+01	
TOT SUM	.113E+10	.500E+02	.113E+05	.112E+03	.994E+03	.108E+04	.181E+01	<.368E+03	
TOTDECAY	.113E+10	.510E+02	.168E+04	.777E+02	.415E+01	.770E+03	.324E+00	<.368E+03	
216-A-9	N-REACTOR WASTES AND ACID FRACTIONATOR. PLACED IN USE MAR 1956 AND REMOVED FROM SERVICE 1967. APPROXIMATE COORDINATES: N-41000, W-48355 TO N-41297, W-48652. REFERENCE DRAWINGS: H-2-55577, H-2-55578, H-2-55579.								
1973 SUM									
TOT SUM	.981E+09	.510E+00	.189E+03	.250E+02	.503E+02	.100E+02	.140E+00	.227E+00	
TOTDECAY	.981E+09	.510E+00	.470E+02	.168E+02	.450E+02	.688E+01	.293E+01	.227E+00	
216-A-10	PUREX PROCESS COND. PLACED IN USE NOV 1961 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-39090, W-48952 TO N-39370, W-48952. REFERENCE DRAWINGS: H-2-55576, H-2-55578, H-2-58131.								
1973 SUM	.155E+06	.691E+01	.185E+00	.347E+02	.585E+02	.146E+01	<.275E+04	.787E+02	
TOT SUM	.287E+10	.343E+03	.806E+06	.147E+03	.727E+04	.134E+03	.179E+03	.204E+03	.277E+03
TOTDECAY	.287E+10	.343E+03	.755E+04	.125E+03	.145E+03	.118E+03	.499E+02	.204E+03	.277E+03

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-93 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-A-21	AMMONIA SCRUBBER AND LAB WASTES. PLACED IN USE OCT 1957 AND REMOVED FROM SERVICE JUN 1965. APPROXIMATE COORDINATES: N-39300, W-48160. REFERENCE DRAWINGS: H-2-57042, H-2-57032.								
1973 SUM									
TOT SUM	.778E+08	.150E+03	.280E+04	.150E+02	.200E+03	.150E+03	.100E+02	.195E+03	
TOTDECAY	.778E+08	.152E+03	.260E+03	.114E+02	.180E+00	.116E+03	.237E+01	.195E+03	
216-A-24	TANK FARM COND. PLACED IN USE MAY 1958 AND REMOVED FROM SERVICE DEC 1967. APPROXIMATE COORDINATES: N-42206, W-45328 TO N-42494, W-46854. REFERENCE DRAWINGS: H-2-56977, H-2-56978.								
1973 SUM									
TOT SUM	.820E+09	<.506E+01	.498E+04	.394E+02	.408E+03	.549E+03	.700E+00	.501E+02	
TOTDECAY	.820E+09	<.506E+01	.819E+03	.278E+02	.164E+03	.397E+03	.110E+00	.501E+02	
216-A-27	LAB, SCRUBBER AND STACK DRAIN. PLACED IN USE JUN 1965 AND REMOVED FROM SERVICE JUL 1970. APPROXIMATE COORDINATES: N-39100, W-48118 TO N-39100, W-48318. REFERENCE DRAWINGS: H-2-57509, H-2-57508.								
1973 SUM									
TOT SUM	.232E+08	.965E+02	.268E+04	.413E+02	.632E+02	.526E+02	<.267E+01	.680E+02	.168E+03
TOTDECAY	.232E+08	.965E+02	.269E+03	.372E+02	.171E+01	.479E+02	<.151E+01	.680E+02	.168E+03
216-A-28	213-A AND UNH TANK WASTES. PLACED IN USE DEC 1958 AND REMOVED FROM SERVICE NOV 1967. APPROXIMATE COORDINATES: N-40362, W-48595. REFERENCE DRAWINGS: H-2-57617.								
1973 SUM									
TOT SUM	.300E+05		.310E+02					.632E+03	
TOTDECAY	.300E+05		.926E+01					.632E+03	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-A-35	PURFX STEAM COND. PLACED IN USE JAN 1961 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-39157, W-44999 TO N-39735, W-46260. REFERENCE DRAWINGS: H-2-57720, H-2-57719.								
1973 SUM	.861E+08	<.163E+01	.289E+01	.435E+00	.240E+00	.243E+00	<.112E-01	<.783E+00	
TOT SUM	.356E+10	<.722E+02	.544E+04	.187E+03	.196E+03	.220E+03	.166E+02	<.408E+02	<.748E+01
TOTDECAY	.356E+10	<.722E+02	.718E+03	.154E+03	.953E+01	.172E+03	.439E+01	<.408E+02	<.748E+01
216-A-36R	AMMONIA SCRUBBER WASTES. PLACED IN USE MAR 1966 AND IS INACTIVE. APPROXIMATE COORDINATES: N-38500, W-48525 TO N-39000, W-48525. REFERENCE DRAWINGS: H-2-59805, H-2-59129.								
1973 SUM									
TOT SUM	.940E+08	<.177E+03	.475E+05	.546E+03	.653E+04	<.556E+03	<.514E+02	.119E+03	.256E+02
TOTDECAY	.940E+08	<.177E+03	.631E+04	.500E+03	.121E+04	<.516E+03	<.344E+02	.119E+03	.256E+02
216-A-37	STEAM COND. NOT USED. APPROXIMATE COORDINATES: N-39856, W-45816 TO N-40157, W-46449. REFERENCE DRAWINGS: H-2-57719, H-2-62876, H-2-57720, H-2-62877.								
216-A-38	PROCESS COND. NOT USED. APPROXIMATE COORDINATES: N-38971, W-49352 TO N-39471, W-49352. REFERENCE DRAWINGS: H-2-62876, H-2-62875, H-2-62877.								
216-B-5	221-P AND 5-6 WASTES. PLACED IN USE APR 1945 AND REMOVED FROM SERVICE OCT 1947. APPROXIMATE COORDINATES: N-43480, W-52855. REFERENCE DRAWINGS: H-2-1031, H-2-1123.								
1973 SUM									
TOT SUM	.306E+08	.428E+04	.380E+04	.756E+02	.163E+03	.807E+02			
TOTDECAY	.306E+08	.428E+04	.161E+03	.387E+02	.128E+05	.431E+02			

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIES WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-7	224-B WASTES AND 5-6 CELL DRAIN AND 221-B CONSTRUCTION WASTE WATER. PLACED IN USE OCT 1946 AND REMOVED FROM SERVICE MAY 1967. APPROXIMATE COORDINATES: N-45632, W-52764 TO N-45648, W-52790. REFERENCE DRAWINGS: H-2-558, H-2-579.								
1973 SUM									
TOT SUM	.436E+08	.430E+04	.242E+05	.560E+04	.600E+03	.100E+03	.100E+01	.182E+03	
TOTDECAY	.436E+08	.430E+04	.683E+04	.335E+04	.348E-03	.638E+02	.610E-01	.182E+03	
216-B-8	224-B, 5-6 AND 2ND CYCLE WASTES. PLACED IN USE MAR 1948 AND REMOVED FROM SERVICE JUL 1954. APPROXIMATE COORDINATES: N-45880, W-52840. REFERENCE DRAWINGS: H-2-579, H-2-738.								
1973 SUM									
TOT SUM	.272E+08	.300E+02	.710E+03	.150E+02	.500E+02	.500E+02	.100E+01	.454E+02	
TOTDECAY	.272E+08	.300E+02	.734E+02	.847E+01	.882E-05	.293E+02	.474E-01	.454E+02	
216-B-9	5-6 AND 2ND CYCLE WASTES. PLACED IN USE AUG 1948 AND REMOVED FROM SERVICE JUL 1951. APPROXIMATE COORDINATES: N-43757, W-52617. REFERENCE DRAWINGS: H-2-1031, H-2-1123.								
1973 SUM									
TOT SUM	.360E+08	.174E+03	.780E+04	.150E+02	.100E+03	.100E+02	.100E+00	.454E+02	
TOTDECAY	.360E+08	.174E+03	.310E+02	.839E+01	.100E-04	.580E+01	.451E-02	.454E+02	
216-B-10	222-B AND 292-B WASTES. PLACED IN USE DEC 1949 AND REMOVED FROM SERVICE IN 1958. APPROXIMATE COORDINATES: N-42105, W-53868. REFERENCE DRAWINGS: H-2-1649, H-2-1722.								
1973 SUM									
TOT SUM	.999E+07	.280E+01	.500E+02	.500E+01	.100E+02	.100E+01	.100E+00	.907E+01	
TOTDECAY	.999E+07	.980E+01	.688E+01	.236E+01	.183E-05	.592E+00	.501E-02	.907E+01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-108	R PLANT R-13 WASTE. PLACED IN USE JUN 1969 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-42195, W-53943. REFERENCE DRAWINGS: H-2-32522, H-2-1649.								
1973 SUM	.530E+04	.410E+05	.403E+03	<.388E+05		.536E+05	<.330E+06	<.654E+04	
TOT SUM	.265E+05	<.435E+04	.174E+02	<.331E+03	<.169E+05	<.111E+03	<.780E+06	<.730E+03	
TOTDECAY	.265E+05	<.435E+04	.111E+02	<.301E+03	<.358E+06	<.103E+03	<.659E+06	<.730E+03	
216-B-11	242-B COND. PLACED IN USE DEC 1951 AND REMOVED FROM SERVICE OCT 1954. APPROXIMATE COORDINATES: N-45674, W-52619 TO N-45734, W-52619. REFERENCE DRAWINGS: H-2-2024, H-2-2021.								
1973 SUM									
TOT SUM	.296E+08	.400E+01	.211E+03	.500E+01	.500E+02	.500E+02	.100E+03	.136E+02	
TOTDECAY	.296E+08	.400E+01	.666E+02	.305E+01	.526E+04	.315E+02	.722E+02	.136E+02	
216-B-12	U PLANT COND. AND R PLANT COND. PLACED IN USE NOV 1952 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-42972, W-55000 TO N-43133, W-55000. REFERENCE DRAWINGS: H-2-43029, H-2-43027, H-2-43028, H-2-43046.								
1973 SUM	.212E+08	<.995E+02	.518E+02	.856E+01	.398E+01	.111E+02	<.321E+00	<.215E+03	
TOT SUM	.518E+09	.374E+03	.112E+05	<.153E+03	.311E+03	.120E+04	<.173E+01	.209E+05	
TOTDECAY	.518E+09	.374E+03	.248E+04	<.120E+03	<.729E+01	.106E+04	<.116E+01	.209E+05	
216-B-14	U PLANT SCAVENGED WASTE. PLACED IN USE JAN 1956 AND REMOVED FROM SERVICE FEB 1956. APPROXIMATE COORDINATES: N-35855, W-53309. REFERENCE DRAWINGS: H-2-2903, H-2-2907.								
1973 SUM									
TOT SUM	.871E+07	.250E+02	.140E+06	.400E+03	.590E+05	.250E+03	.500E+01	.218E+03	
TOTDECAY	.871E+07	.250E+02	.872E+03	.262E+03	.401E+00	.168E+03	.514E+03	.218E+03	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-15 U PLANT SCAVENGED WASTE. PLACED IN USE APR 1956 AND REMOVED FROM SERVICE DEC 1957. APPROXIMATE COORDINATES: N-35935, W-53447. REFERENCE DRAWINGS: H-2-2900, H-2-2907.									
1973 SUM									
TOT SUM	.632E+07	.500E+01	.690E+05	.200E+03	.220E+05	.200E+03	.500E+01	.104E+03	
TOTDECAY	.632E+07	.500E+01	.558E+03	.133E+03	.179E+00	.137E+03	.545E+00	.104E+03	
216-B-16 U PLANT SCAVENGED WASTE. PLACED IN USE APR 1956 AND REMOVED FROM SERVICE AUG 1956. APPROXIMATE COORDINATES: N-35716, W-53389. REFERENCE DRAWINGS: H-2-2900, H-2-2907.									
1973 SUM									
TOT SUM	.560E+07	.100E+02	.540E+05	.700E+03	.130E+05	.650E+03	.500E+01	.322E+03	
TOTDECAY	.560E+07	.100E+02	.179E+04	.458E+03	.883E-01	.437E+03	.514E+00	.322E+03	
216-B-17 TANK FARM SCAVENGED WASTE. PLACED IN USE JAN 1956 AND REMOVED FROM SERVICE JAN 1956. APPROXIMATE COORDINATES: N-35796, W-53527. REFERENCE DRAWINGS: H-2-2900, H-2-2907.									
1973 SUM									
TOT SUM	.341E+07	.100E+02	.200E+04	.160E+03	.250E+03	.220E+03	.100E+01	.354E+03	
TOTDECAY	.341E+07	.100E+02	.494E+03	.105E+03	.170E-02	.148E+03	.103E+00	.354E+03	
216-B-18 U PLANT SCAVENGED WASTE. PLACED IN USE MAR 1956 AND REMOVED FROM SERVICE APR 1956. APPROXIMATE COORDINATES: N-35577, W-53469. REFERENCE DRAWINGS: H-2-2900, H-2-2907.									
1973 SUM									
TOT SUM	.852E+07	.100E+02	.510E+05	.190E+03	.190E+05	.250E+03	.500E+01	.236E+03	
TOTDECAY	.852E+07	.100E+02	.587E+03	.124E+03	.129E+00	.168E+03	.514E+00	.236E+03	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL S	VOLUME (L)	PL (CM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-B-10 U PLANT AND TANK FARM SCAVENGED WASTE. PLACED IN USE FEB 1957 AND REMOVED FROM SERVICE OCT 1957. APPROXIMATE COORDINATES: N-35657, W-53607. REFERENCE DRAWINGS: H-2-2900, H-2-2907.

1973 SUM

TOT SUM

TOTDECAY

.640E+07	.100E+02	.112E+05	.200E+03	.510E+04	.270E+03	.500E+01	.181E+03
.640E+07	.100E+02	.626E+03	.134E+03	.691E-01	.186E+03	.587E+00	.181E+03

216-B-47 U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE NOV 1954. APPROXIMATE COORDINATES: N-46332, W-53355. REFERENCE DRAWINGS: H-2-2603, H-2-2605.

1973 SUM

TOT SUM

TOTDECAY

.212E+07	.500E+00	.352E+04	.140E+04	.500E+02	.300E+03	.100E+01	.136E+02
.212E+07	.500E+00	.211E+04	.872E+03	.855E-04	.193E+03	.790E-01	.136E+02

216-B-44 U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE MAR 1955. APPROXIMATE COORDINATES: N-46417, W-53355. REFERENCE DRAWINGS: H-2-2603, H-2-2605.

1973 SUM

TOT SUM

TOTDECAY

.560E+07	.150E+02	.220E+05	.290E+04	.550E+04	.700E+03	.500E+01	.227E+01
.560E+07	.150E+02	.452E+04	.182E+04	.173E-01	.457E+03	.426E+00	.227E+01

216-B-45 U PLANT SCAVENGED WASTE. PLACED IN USE APR 1955 AND REMOVED FROM SERVICE JUN 1955. APPROXIMATE COORDINATES: N-46502, W-53355. REFERENCE DRAWINGS: H-2-2603, H-2-2605.

1973 SUM

TOT SUM

TOTDECAY

.492E+07	.100E+02	.530E+05	.280E+04	.170E+05	.150E+04	.500E+01	.680E+01
.492E+07	.100E+02	.548E+04	.179E+04	.579E-01	.096E+03	.451E+00	.680E+01

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-46	U PLANT SCAVENGED WASTE. PLACED IN USE SEP 1955 AND REMOVED FROM SERVICE DEC 1955. APPROXIMATE COORDINATES: N-46587, W-53355. REFERENCE DRAWINGS: H-2-2603, H-2-2605.								
1973 SUM									
TOT SUM	.670E+07	.200E+02	.120E+06	.150E+04	.280E+05	.200E+03	.500E+01	.191E+03	
TOTDECAY	.670E+07	.200E+02	.223E+04	.958E+03	.954E-01	.131E+03	.451E+00	.191E+03	
216-B-47	U PLANT SCAVENGED WASTE. PLACED IN USE SEP 1955 AND REMOVED FROM SERVICE SEP 1955. APPROXIMATE COORDINATES: N-46332, W-53499. REFERENCE DRAWINGS: H-2-2603, H-2-2605.								
1973 SUM									
TOT SUM	.371E+07	.500E+01	.450E+05	.620E+03	.190E+05	.150E+03	.100E+01	.680E+01	
TOTDECAY	.371E+07	.500E+01	.986E+03	.396E+03	.647E-01	.986E+02	.901E-01	.680E+01	
216-B-48	U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE NOV 1955. APPROXIMATE COORDINATES: N-46417, W-53499. REFERENCE DRAWINGS: H-2-2603, H-2-2605.								
1973 SUM									
TOT SUM	.409E+07	.500E+01	.610E+05	.130E+04	.680E+04	.450E+03	.100E+01	.227E+01	
TOTDECAY	.409E+07	.500E+01	.227E+04	.830E+03	.232E-01	.296E+03	.901E-01	.227E+01	
216-B-49	U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE DEC 1955. APPROXIMATE COORDINATES: N-46502, W-53499. REFERENCE DRAWINGS: H-2-2603, H-2-2605.								
1973 SUM									
TOT SUM	.670E+07	.150E+02	.110E+06	.270E+04	.240E+05	.410E+03	.500E+01	.318E+03	
TOTDECAY	.670E+07	.150E+02	.402E+04	.172E+04	.818E-01	.269E+03	.451E+00	.318E+03	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-50	ITS-1 WASTE. PLACED IN USE JAN 1965 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-46587, W-53499. REFERENCE DRAWINGS: H-2-2603, H-2-2605.								
1973 SUM	.949E+06	<.476E-03	.107E+01	.266E-02	.694E-02	.535E+00	<.127E-03	<.647E-02	
TOT SUM	.546E+08	<.239E+00	.241E+03	<.600E+01	.111E+02	.878E+02	<.331E+00	<.284E+00	
TOTDECAY	.546E+08	<.239E+00	.157E+03	<.514E+01	.133E+00	.757E+02	<.142E+00	<.284E+00	
216-B-55	B PLANT STEAM CONDENSATE. PLACED IN USE SEP 1967 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-42497, W-54810 TO N-42920, W-55431. REFERENCE DRAWINGS: SK-2-19674, H-2-60330.								
1973 SUM	.766E+08	.176E-04	.871E+01	.961E+00	.106E+00	.223E+01	<.109E-01	<.435E+00	
TOT SUM	.593E+09	<.431E+00	.135E+03	<.624E+01	<.136E+01	.202E+02	<.325E+00	<.387E+01	
TOTDECAY	.593E+09	<.431E+00	.548E+02	<.575E+01	<.183E+00	.187E+02	<.177E+00	<.387E+01	
216-B-57	ITS-2 WASTE. PLACED IN USE FEB 1968 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-46160, W-53775 TO N-46360, W-53775. REFERENCE DRAWINGS: H-2-62406.								
1973 SUM	.513E+07	<.132E-02	.403E+01	.196E-02	.282E-01	.196E+01	<.618E-03	<.314E-01	
TOT SUM	.844E+08	<.187E+00	.838E+03	.315E+01	.871E+01	.371E+03	<.136E+00	<.890E+00	
TOTDECAY	.844E+08	<.187E+00	.651E+03	.278E+01	<.590E+00	.334E+03	<.737E-01	<.890E+00	
216-C-1	201-C PROCESS CONDENSATE. PLACED IN USE JAN 1953 AND REMOVED FROM SERVICE JUN 1957. APPROXIMATE COORDINATES: N-42069, W-50235. REFERENCE DRAWINGS: H-2-4037, H-2-32523.								
1973 SUM									
TOT SUM	.234E+08	.800E+01	.110E+05	.200E+03	.400E+03	<.100E+00	<.100E+00	.295E+03	
TOTDECAY	.234E+08	.800E+01	.271E+03	.130E+03	.234E-02	<.672E-01	<.103E-01	.295E+03	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRTBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-C-3	271-C CHEMICAL WASTE. PLACED IN USE JAN 1953 AND REMOVED FROM SERVICE MAR 1954. APPROXIMATE COORDINATES: N-42055, W-50390. REFERENCE DRAWINGS: P-2-4034, H-2-32523.								
1973 SUM									
TOT SUM	.500E+07	.107E+01	.200E+03	.200E+02	.100E+02	<.100E+00	<.100E+00	.454E+02	
TOTDECAY	.500E+07	.100E+01	.247E+02	.122E+02	.103E+04	<.627E-01	<.692E-02	.454E+02	
216-C-5	201-C HIGH SALT WASTE. PLACED IN USE MAR 1955 AND REMOVED FROM SERVICE JUN 1955. APPROXIMATE COORDINATES: N-42030, W-50360. REFERENCE DRAWINGS: H-2-4010, H-2-4425.								
1973 SUM									
TOT SUM	.379E+05	.100E+01	.940E+02	.100E+02	.500E+01	<.100E+00	<.100E+00	.544E+02	
TOTDECAY	.379E+05	.100E+01	.130E+02	.639E+01	.170E-04	<.657E-01	<.901E-02	.544E+02	
216-C-7	209-F CRITICAL MASS LAB. PLACED IN USE JAN 1960 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-42000, W-50672. REFERENCE DRAWINGS: H-2-44336, H-2-32523.								
1973 SUM									
TOT SUM	.513E+05	<.110E+01	.200E+02	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00	
TOTDECAY	.513E+05	<.110E+01	.458E+00	<.778E-01	.131E-02	<.790E-01	<.263E-01	<.100E+00	
216-C-1P	STRONTIUM PROCESS CONDENSATE. PLACED IN USE NOV 1964 AND REMOVED FROM SERVICE MAY 1967. APPROXIMATE COORDINATES: N-42100, W-49870. REFERENCE DRAWINGS: H-2-4540, H-2-32523.								
1973 SUM									
TOT SUM	.897E+06	<.150E+00	.161E+03	.628E+02	.150E+01	<.150E+00	<.150E+00	<.454E-01	
TOTDECAY	.897E+06	<.150E+00	.105E+03	.524E+02	.111E-01	<.126E+00	<.567E-01	<.454E-01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-N-2	212-N BASIN AND SLUDGE CLEAN-OUT. PLACED IN USE MAR 1947 AND REMOVED FROM SERVICE APR 1947. APPROXIMATE COORDINATES: N-55487, W-65788. REFERENCE DRAWINGS: H-2-32524.								
1973 SUM									
TOT SUM	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00			
TOTDECAY	.757E+07		<.434E+00	<.104E+00	<.585E-08	<.116E+00			
216-N-3	212-N BASIN AND SLUDGE CLEAN-OUT. PLACED IN USE MAY 1952 AND REMOVED FROM SERVICE JUN 1952. APPROXIMATE COORDINATES: N-55455, W-65838. REFERENCE DRAWING: H-2-32524.								
1973 SUM									
TOT SUM	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00			
TOTDECAY	.757E+07		<.491E+00	<.118E+00	<.184E-06	<.130E+00			
216-N-5	212-P BASIN AND SLUDGE CLEAN-OUT. PLACED IN USE MAY 1952 AND REMOVED FROM SERVICE JUN 1952. APPROXIMATE COORDINATES: N-55408, W-63130 TO N-55408, W-63225. REFERENCE DRAWINGS: H-2-32524.								
1973 SUM									
TOT SUM	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00			
TOTDECAY	.757E+07		<.491E+00	<.118E+00	<.184E-06	<.130E+00			
216-N-7	212-R BASIN AND SLUDGE CLEAN-OUT. PLACED IN USE MAY 1952 AND REMOVED FROM SERVICE JUN 1952. APPROXIMATE COORDINATES: N-55399, W-60505 TO N-55482, W-60605. REFERENCE DRAWINGS: H-2-32524.								
1973 SUM									
TOT SUM	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00			
TOTDECAY	.757E+07		<.491E+00	<.118E+00	<.184E-06	<.130E+00			

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-S1 & 2	REDOX PROCESS CONDENSATE. PLACED IN USE JAN 1952 AND REMOVED FROM SERVICE JAN 1956. APPROXIMATE COORDINATES: N-35419, W-75177 TO N-35444, W-75214. REFERENCE DRAWINGS: H-2-1813, H-2-1774, H-2-1776.								
1973 SUM									
TOT SUM	.160E+09	.120E+04	.750E+06	.300E+04	.300E+04	.250E+04	.100E+02	.227E+04	
TOTDECAY	.160E+09	.120E+04	.754E+04	.189E+04	.767E-02	.162E+04	.843E+00	.227E+04	
216-S-3	241-S TK-101 AND 104 CONDENSATE. PLACED IN USE AUG 1953 AND REMOVED FROM SERVICE AUG 1956. APPROXIMATE COORDINATES: N-36000, W-75500. REFERENCE DRAWINGS: H-2-39574, H-2-1813.								
1973 SUM									
TOT SUM	.420E+07	.500E+00	.270E+03	.100E+01	.530E+02	.590E+02	.100E+01	.381E+00	
TOTDECAY	.420E+07	.500E+00	.637E+02	.629E+00	.135E-03	.324E+02	.836E-01	.381E+00	
216-S-5	STEAM CONDENSATE. PLACED IN USE MAR 1954 AND REMOVED FROM SERVICE MAR 1957. APPROXIMATE COORDINATES: N-32740, W-77000. REFERENCE DRAWINGS: H-2-5963, H-2-5962.								
1973 SUM									
TOT SUM	.410E+10	.580E+03	.960E+03	.130E+03	.300E+02	.600E+02	<.100E+00	.272E+03	
TOTDECAY	.410E+10	.580E+03	.240E+03	.822E+02	.884E-04	.390E+02	<.790E-02	.272E+03	
216-S-6	REDOX STEAM CONDENSATE. PLACED IN USE NOV 1954 AND IS INACTIVE. APPROXIMATE COORDINATES: N-33250, W-77850. REFERENCE DRAWINGS: H-2-2594, H-2-2595.								
1973 SUM									
TOT SUM	.447E+10	.473E+03	.525E+04	.412E+03	.133E+03	.212E+03	<.294E+01	<.272E+03	
TOTDECAY	.447E+10	.473E+03	.978E+03	.310E+03	.730E+00	.170E+03	<.130E+01	<.272E+03	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-S-7	PROCESS COND. PLACED IN USE JAN 1956 AND REMOVED FROM SERVICE JUL 1965. APPROXIMATE COORDINATES: N-35152, W-74510. REFERENCE DRAWINGS: H-2-30135.								
1973 SUM									
TOT SUM	.390E+09	.442E+03	.281E+06	.310E+04	.150E+04	.147E+04	.250E+02	.259E+04	
TOTDECAY	.390E+09	.440E+03	.672E+04	.211E+04	.162E+00	.104E+04	.326E+01	.259E+04	
216-S-9	PROCESS COND. PLACED IN USE JUL 1965 AND REMOVED FROM SERVICE JAN 1969. APPROXIMATE COORDINATES: N-36150, W-74550. REFERENCE DRAWINGS: H-2-32363, H-2-32362.								
1973 SUM									
TOT SUM	.503E+08	.650E+02	.162E+05	<.175E+03	.263E+04	.507E+03	<.255E+02	.339E+02	
TOTDECAY	.503E+08	.650E+02	.134E+04	<.146E+03	.355E+02	.429E+03	<.109E+02	.339E+02	
216-S-18	STEAM CLEAN. PIT. PLACED IN USE OCT 1954 AND REMOVED FROM SERVICE OCT 1954. APPROXIMATE COORDINATES: N-36200, W-74800. REFERENCE DRAWINGS: H-2-2430, H-2-32525.								
1973 SUM									
TOT SUM	<.984E+05	<.100E+00	<.700E+00	<.100E+00	<.100E+00	<.100E+00	<.100E+00	<.450E-01	
TOTDECAY	<.984E+05	<.100E+00	<.256E+00	<.623E-01	<.171E-06	<.642E-01	<.790E-02	<.450E-01	
216-S-20	222-S AND 300-A LAB WASTES. PLACED IN USE JAN 1952 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-34296, W-73337. REFERENCE DRAWINGS: H-2-5229, H-2-5224.								
1973 SUM									
TOT SUM	.299E+07	<.902E-03	<.132E-03					<.284E-01	
TOTDECAY	.135E+09	.171E+03	.762E+04	.451E+02	.100E+03	.110E+03	.141E+01	.376E+02	
	.135E+09	.171E+03	.256E+03	.344E+02	.308E-01	.835E+02	.282E+00	.376E+02	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-S-21	241-SX COND. PLACED IN USE NOV 1954 AND IS INACTIVE. APPROXIMATE COORDINATES: N-35920, W-76400. REFERENCE DRAWINGS: H-2-39549, H-2-39574.								
1973 SUM									
TOT SUM	.871E+08	.208E+01	.127E+04	<.429E+02	.437E+02	.162E+03	<.410E+00	.419E+01	
TOTDECAY	.871E+08	.208E+01	.317E+03	<.331E+02	.172E+00	.126E+03	<.168E+00	.419E+01	
216-S-22	293-S CAUSTIC SCRUBBER. PLACED IN USE OCT 1957 AND REMOVED FROM SERVICE JUNE 1967. APPROXIMATE COORDINATES: N-34533, W-73090 TO N-34533, W-73195. REFERENCE DRAWINGS: H-2-31047.								
1973 SUM									
TOT SUM	.984E+05	<.101E+00	.151E+02	.100E+01	.500E+01	.100E+01	<.100E+00	<.454E-01	
TOTDECAY	.984E+05	<.101E+00	.276E+01	.691E+00	.175E-03	.707E+00	<.153E-01	<.454E-01	
216-S-23	REDOX PROCESS CONDENSATE. PLACED IN USE JAN 1969 AND IS INACTIVE. APPROXIMATE COORDINATES: N-36669, W-74709 TO N-37020, W-74725. REFERENCE DRAWINGS: SK-2-21845, H-2-46111, H-2-46112.								
1973 SUM									
TOT SUM	.347E+08	<.995E+00	.187E+03	.186E+01	.557E+02	<.539E+01	<.143E+01	<.388E+00	
TOTDECAY	.347E+08	<.995E+00	.269E+02	.173E+01	.432E+01	<.514E+01	<.104E+01	<.388E+00	
216-T-3	224-T, 5 AND 6 WASTES. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE AUG 1946. APPROXIMATE COORDINATES: N-43335, W-74250. REFERENCE DRAWINGS: H-2-353, H-2-951.								
1973 SUM									
TOT SUM	.113E+08	.335E+04	.280E+04	.557E+02	.120E+03	.595E+02			
TOTDECAY	.113E+08	.335E+04	.117E+03	.282E+02	.647E-06	.315E+02			

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-6	224-T 5 AND 6 WASTES. PLACED IN USE AUG 1946 AND REMOVED FROM SERVICE OCT 1947. APPROXIMATE COORDINATES: N-43315, W-74450 TO N-43315, W-74525. REFERENCE DRAWINGS: H-2-353, H-2-951.								
1973 SUM									
TOT SUM	.450E+08	.390E+03	.180E+05	.360E+03	.600E+03	.330E+03	.500E+01	.227E+02	
TOTDECAY	.450E+08	.390E+03	.695E+03	.188E+03	.752E+05	.163E+03	.153E+00	.227E+02	
216-T-7	224-T 5-6 AND SECOND CYCLE. PLACED IN USE APR 1948 AND REMOVED FROM SERVICE NOV 1955. APPROXIMATE COORDINATES: N-43285, W-76000 TO N-43285, W-76356. REFERENCE DRAWINGS: H-2-578, HW-72182 #1.								
1973 SUM									
TOT SUM	.110E+09	.130E+03	.310E+04	.600E+02	.100E+03	.500E+02	.100E+01	.910E+01	
TOTDECAY	.110E+09	.130E+03	.135E+03	.364E+02	.127E+03	.313E+02	.715E+01	.910E+01	
216-T-8	222-T LAP WASTES. PLACED IN USE MAY 1950 AND REMOVED FROM SERVICE SEP 1951. APPROXIMATE COORDINATES: N-43545, W-72950. REFERENCE DRAWINGS: H-2-353.								
1973 SUM									
TOT SUM	.500E+06	.500E+01	.100E+03	.100E+01	.500E+01	.100E+01	<.100E+00	.450E+11	
TOTDECAY	.500E+06	.500E+01	.232E+01	.572E+00	.821E+06	.592E+00	<.499E+02	.450E+11	
216-T-19	224-T, 242-T, 5-6, SECOND CYCLE WASTE EVAP. PLACED IN USE SEP 1951 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-41270, W-75600. REFERENCE DRAWINGS: H-2-816, H-2-3019.								
1973 SUM									
TOT SUM	.158E+08	.282E+01	.423E+01	.460E+00	.142E+00	.148E+01	<.133E+02	.147E+01	
TOTDECAY	.419E+09	.143E+02	.454E+04	.620E+02	.100E+04	.370E+03	.105E+01	<.945E+01	
	.419E+09	.143E+02	.579E+03	.412E+02	<.283E+00	.256E+03	<.130E+00	<.945E+01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-126 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-20	241-TX-155 DIVERSION BOX. PLACED IN USE NOV 1952 AND REMOVED FROM SERVICE NOV 1952. APPROXIMATE COORDINATES: N-41380, W-74720. REFERENCE DRAWINGS: H-2-4451P SHT-3.								
1973 SUM									
TOT SUM	.189E+05		.500E+02	.994E+00	.214E+01	.106E+01		.500E+01	
TOTDECAY	.189E+05		.245E+01	.590E+00	.921E+06	.651E+00		.500E+01	
216-T-26	SCAVENGED WASTES. PLACED IN USE AUG 1955 AND REMOVED FROM SERVICE NOV 1956. APPROXIMATE COORDINATES: N-42275, W-75330. REFERENCE DRAWINGS: H-2-2733, H-2-2735.								
1973 SUM									
TOT SUM	.120E+08	.590E+02	.290E+05	.670E+03	.260E+04	.170E+03	.100E+01	.150E+03	
TOTDECAY	.120E+08	.590E+02	.109E+04	.428E+03	.993E+02	.112E+03	.952E+01	.150E+03	
216-T-27	DECONTAMINATION, SCAVENGED WASTE 300 AREA. PLACED IN USE SEP 1965 AND REMOVED FROM SERVICE NOV 1965. APPROXIMATE COORDINATES: N-42360, W-75330. REFERENCE DRAWINGS: H-2-2733, H-2-2735.								
1973 SUM									
TOT SUM	.719E+07	.130E+02	.360E+04	.140E+03	.150E+04	.100E+03	.100E+01	.726E+01	
TOTDECAY	.719E+07	.130E+02	.399E+03	.114E+03	.506E+01	.827E+02	.337E+00	.726E+01	
216-T-28	DECONTAMINATION AND 300 AREA. PLACED IN USE FEB 1960 AND REMOVED FROM SERVICE DEC 1966. APPROXIMATE COORDINATES: N-42445, W-75330. REFERENCE DRAWINGS: H-2-2733, H-2-2735.								
1973 SUM									
TOT SUM	.423E+08	.700E+02	.585E+05	.200E+03	.100E+04	.350E+03	.500E+01	.391E+03	
TOTDECAY	.423E+08	.700E+02	.139E+04	.161E+03	.242E+01	.285E+03	.160E+01	.391E+03	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (CM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-32	224-T WASTES. PLACED IN USE NOV 1946 AND REMOVED FROM SERVICE MAY 1952. APPROXIMATE COORDINATES: N-43397, W-76058 TO N-43447, W-76000. REFERENCE DRAWINGS: H-2-558, H-2-578.								
1973 SUM									
TOT SUM	.290E+08	.320E+04	.150E+04	.300E+02	.500E+02	.250E+02	.100E+01	.227E+02	
TOTDECAY	.290E+08	.320E+04	.613E+02	.166E+02	.550E-05	.144E+02	.416E-01	.227E+02	
216-T-33	2706-T BLDG. WASTES. PLACED IN USE JAN 1963 AND REMOVED FROM SERVICE FEB 1963. APPROXIMATE COORDINATES: N-44130, W-73600. REFERENCE DRAWINGS: H-2-32097, H-2-32096.								
1973 SUM									
TOT SUM	.190E+07	.500E+01	.500E+02	.500E+00	.100E+02	.500E+00	.100E+01	.454E+01	
TOTDECAY	.190E+07	.500E+01	.198E+01	.389E+00	.850E-02	.395E+00	.259E+00	.454E+01	
216-T-34	300 AREA LAB WASTES. PLACED IN USE MAY 1966 AND REMOVED FROM SERVICE MAR 1967. APPROXIMATE COORDINATES: N-44200, W-73900. REFERENCE DRAWINGS: H-2-32649, H-2-32650.								
1973 SUM									
TOT SUM	.173E+08	.107E+03	.262E+05	.323E+03	.105E+03	.275E+03	.733E+01	.412E+01	
TOTDECAY	.173E+08	.107E+03	.137E+04	.270E+03	.740E+00	.233E+03	.294E+01	.412E+01	
216-T-35	300 AREA LAB WASTES. PLACED IN USE MAR 1967 AND IS INACTIVE. APPROXIMATE COORDINATES: N-44558, W-74575 TO N-45015, W-74520. REFERENCE DRAWINGS: H-2-33446, H-2-33447.								
1973 SUM									
TOT SUM	.572E+07	.662E+02	.929E+03	.200E+02	.131E+03	.199E+02	.341E+01	.489E+02	
TOTDECAY	.572E+07	.662E+02	.854E+02	.174E+02	.178E+01	.172E+02	.150E+01	.489E+02	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-36	221-T DECON. FACILITY WASTE. PLACED IN USE MAY 1967 AND IS INACTIVE. APPROXIMATE COORDINATES: N-43093, W-76000 TO N-43093, W-76155. REFERENCE DRAWINGS: H-2-33472.								
1973 SUM									
TOT SUM	.522E+06	.248E+01	.711E+03	.771E+01	.461E+02	.642E+01	<.514E+00	.118E+01	
TOTDECAY	.522E+06	.248E+01	.376E+02	.661E+01	.649E+00	.560E+01	<.245E+00	.118E+01	
216-U-1&2	224-U, DECONTAMINATION WASTE. PLACED IN USE NOV 1951 AND REMOVED FROM SERVICE JUN 1967. APPROXIMATE COORDINATES: N-37860, W-74242 TO N-37860, W-74341. REFERENCE DRAWING: H-2-50061, H-2-32527.								
1973 SUM									
TOT SUM	.159E+08	.426E+02	.122E+04	.500E+01	.500E+03	.100E+02	<.100E+00	.404E+04	
TOTDECAY	.159E+08	.426E+02	.193E+02	.320E+01	.754E-01	.644E+01	<.790E-02	.404E+04	
216-U-3	241-U TK-110 CONDENSATE. PLACED IN USE MAY 1954 AND REMOVED FROM SERVICE AUG 1955. APPROXIMATE COORDINATES: N-37620, W-75630. REFERENCE DRAWINGS: H-2-44004, H-2-32527.								
1973 SUM									
TOT SUM	.791E+06	<.100E+00	.500E+01	<.100E+00	.100E+01	.100E+01	<.100E+00	.181E+02	
TOTDECAY	.791E+06	<.100E+00	.137E+01	<.623E-01	.171E-05	.642E+00	<.790E-02	.181E+02	
216-U-4A	222-U WASTE. PLACED IN USE JUL 1955 AND REMOVED FROM SERVICE JUL 1970. APPROXIMATE COORDINATES: N-38215, W-73215. REFERENCE DRAWINGS: H-2-43081, SK-2-3733.								
1973 SUM									
TOT SUM	.545E+06	<.900E-02	.530E+01	<.330E-01	<.105E+01	.369E+00			
TOTDECAY	.545E+06	<.900E-02	.635E+00	<.242E-01	<.153E-01	.273E+00			

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-U-4B	222-U WASTE. PLACED IN USE JAN 1960 AND REMOVED FROM SERVICE JUL 1970. APPROXIMATE COORDINATES: N-38248, W-73100. REFERENCE DRAWINGS: SK-2-3337, H-2-34762.								
1973 SUM									
TOT SUM	.330E+05	.540E-01	.243E+01	.300E-02			.334E+00		
TOTDECAY	.330E+05	.540E-01	.577E+00	.251E-02			.291E+00		
216-U-8	PROCESS COND. AND STACK DRAIN. PLACED IN USE JUN 1952 AND REMOVED FROM SERVICE MAR 1960. APPROXIMATE COORDINATES: N-36860, W-73100. REFERENCE DRAWINGS: H-2-43028, H-2-31321.								
1973 SUM									
TOT SUM	.379E+09	.370E+03	.270E+04	<.100E+00	.230E+03	<.100E+00	<.100E+00	.240E+05	
TOTDECAY	.379E+09	.370E+03	.284E+01	<.654E-01	.144E-02	<.672E-01	<.103E-01	.240E+05	
216-U-12	UC3 PROCESS COND. AND STACK DRAIN. PLACED IN USE APR 1960 AND IS INACTIVE. APPROXIMATE COORDINATES: N-36350, W-73100. REFERENCE DRAWINGS: H-2-31321, H-2-32527.								
1973 SUM									
TOT SUM	.133E+09	.100E+01	.853E+03	.104E+03	.800E+02	<.100E+00	<.100E+00	.181E+04	
TOTDECAY	.133E+09	.100E+01	.175E+03	.849E+02	.270E+00	<.827E-01	<.337E-01	.181E+04	
216-U-13	241-UR STEAM CLEANING PIT. PLACED IN USE MAR 1952 AND REMOVED FROM SERVICE MAR 1956. APPROXIMATE COORDINATES: N-38200, W-76070. REFERENCE DRAWINGS: H-2-32527.								
1973 SUM									
TOT SUM	.114E+05	<.100E+00	.500E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	.454E+00	
TOTDECAY	.114E+05	<.100E+00	.286E+00	<.639E-01	.171E-04	<.657E-01	<.901E-02	.454E+00	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-Z-1A	OVERFLOW FROM Z1, 2, 3. PLACED IN USE JUN 1949 AND REMOVED FROM SERVICE MAR 1959. APPROXIMATE COORDINATES: N-39023, W-76501 TO N-39435, W-76815. REFERENCE DRAWINGS: H-2-16459, H-2-32528, H-2-24923.								
1973-SUM									
TOT SUM	.100E+07	.500E+02	.280E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.100E+07	.500E+02	.299E+02	<.687E-01	.166E-03	<.704E-01	<.134E-01	<.500E-01	
216-Z-3	D-6 WASTES. PLACED IN USE JUN 1952 AND REMOVED FROM SERVICE MAR 1959. APPROXIMATE COORDINATES: N-39435, W-76461. REFERENCE DRAWINGS: H-2-12292, H-2-24923.								
1973-SUM									
TOT SUM	.178E+09	.570E+04	.105E+03	<.100E+00	.400E+02	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.178E+09	.570E+04	.325E+00	<.687E-01	.749E-03	<.704E-01	<.134E-01	<.500E-01	
216-Z-4	231-7 LAP WASTE. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE JUN 1945. APPROXIMATE COORDINATES: N-40875, W-76475. REFERENCE DRAWINGS: H-2-511, H-2-32528.								
1973 SUM									
TOT SUM	<.110E+05	.200E+01	.260E+01	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	<.110E+05	.200E+01	.203E+00	<.499E-01	.344E-08	<.522E-01	<.241E-02	<.500E-01	
216-Z-5	231-Z PROCESS WASTES. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE FEB 1947. APPROXIMATE COORDINATES: N-40920, W-76670 TO N-40985, W-76670. REFERENCE DRAWINGS: H-2-346, H-2-32528, H-2-32682.								
1973 SUM									
TOT SUM	.310E+08	.340E+03	.250E+03	.500E+01	.100E+03	.100E+02	.500E+00	<.500E-01	
TOTDECAY	.310E+08	.340E+03	.153E+02	.253E+01	.641E-06	.532E+01	.131E-01	<.500E-01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-Z-6	231-Z PROCESS WASTES. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE JUN 1945. APPROXIMATE COORDINATES: N-40712, W-76489 TO N-40753, W-76508. REFERENCE DRAWINGS: H-2-508, H-2-32528, H-2-32682.								
1973 SUM									
TOT SUM	<.980E+05	.500E+01	.260E+01	<.100E+00	.190E+01	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	<.987E+05	.507E+01	.203E+00	<.499E-01	.344E-08	<.522E-01	<.241E-02	<.500E-01	
216-Z-7	231-Z LAB WASTE AND 300 AREA WASTE. PLACED IN USE FEB 1947 AND REMOVED FROM SERVICE JAN 1967. APPROXIMATE COORDINATES: N-40830, W-75970 TO N-40970, W-76220. REFERENCE DRAWINGS: H-2-511, H-2-32528, H-2-32682.								
1973 SUM									
TOT SUM	.799E+08	.200E+04	.250E+04	.370E+03	.190E+03	.360E+03	.100E+01	.450E+01	
TOTDECAY	.799E+08	.200E+04	.122E+04	.309E+03	.636E+00	.304E+03	.384E+00	.450E+01	
216-Z-8	SILCA TANK OVERFLOW. PLACED IN USE JUL 1955 AND REMOVED FROM SERVICE APR 1962. APPROXIMATE COORDINATES: N-40000, W-76250. REFERENCE DRAWINGS: H-2-16653, H-2-32528, SK-2-22172.								
1973 SUM									
TOT SUM	.959E+04	.484E+02							
TOTDECAY	.959E+04	.484E+02							
216-Z-9	RECUPLEX CAW WASTE. PLACED IN USE JUL 1955 AND REMOVED FROM SERVICE JUN 1962. APPROXIMATE COORDINATES: N-33800, W-75850. REFERENCE DRAWINGS: H-2-15482, H-2-27986.								
1973 SUM									
TOT SUM	.499E+07	.383E+05	.480E+02	<.100E+00	.200E+02	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.409E+07	.383E+05	.339E+00	<.740E-01	.235E-02	<.754E-01	<.199E-01	<.500E-01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-Z-10	231-Z PROCESS AND LABORATORY WASTES. PLACED IN USE FEB 1945 AND REMOVED FROM SERVICE JUN 1945. APPROXIMATE COORDINATES: N-40804, W-76535. REFERENCE DRAWINGS: H-2-32528, H-2-32682.								
1973 SUM									
TOT SUM	.100E+07	.500E+02							
TOTDECAY	.100E+07	.500E+02							
216-Z-12	234-5 PROCESS AND LAP WASTE. PLACED IN USE MAR 1959 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-39400, W-77200 TO N-39480, W-77209. REFERENCE DRAWINGS: H-2-20987, H-2-20986, H-2-20988, H-2-32528.								
1973 SUM	.347E+07	.327E+03							
TOT SUM	.281E+09	.251E+05	.225E+03	<.100E+00	.100E+03	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.281E+09	.251E+05	.704E+00	<.777E-01	.115E+00	<.790E-01	<.259E-01	<.500E-01	
216-Z-16	231-7 WASTE. PLACED IN USE MAR 1968 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-41113, W-76892 TO N-41113, W-77072. REFERENCE DRAWINGS: H-2-26074, H-2-21718, H-2-26075.								
1973 SUM	.855E+07	.617E+01	.201E+00						
TOT SUM	.930E+08	<.707E+02	<.989E+00						
TOTDECAY	.930E+08	<.707E+02	<.195E+00						
216-Z-17	231-7 WASTE. PLACED IN USE FEB 1967 AND REMOVED FROM SERVICE FEB 1968. APPROXIMATE COORDINATES: N-40563, W-76372 TO N-40563, W-76435. REFERENCE DRAWINGS: H-2-32682, H-2-32528.								
1973 SUM									
TOT SUM	.368E+08	.502E+02	.104E+01						
TOTDECAY	.368E+08	.502E+02	.235E-01						

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-A-1	START-UP WASTES. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE DEC 1955. APPROXIMATE COORDINATES: N-41330, W-47150. REFERENCE DRAWINGS: H-2-56016.								
1973 SUM									
TOT SUM	.984E+05	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.154E+03	
TOTDECAY	.984E+05	<.100E+00	.263E+00	<.639E-01	<.341E-06	<.657E-01	<.901E-02	.154E+03	
216-A-2	PUREX ORGANIC. PLACED IN USE MAY 1956 AND REMOVED FROM SERVICE JAN 1963. APPROXIMATE COORDINATES: N-39515, W-48278. REFERENCE DRAWINGS: H-2-56050, H-2-56049.								
1973 SUM									
TOT SUM	.230E+06	.133E+03	.590E+03	.200E+01	.150E+03	.300E+01	.100E+01	.781E+02	
TOTDECAY	.230E+06	.130E+03	.773E+01	.140E+01	.969E-02	.215E+01	.149E+00	.781E+02	
216-A-18	START-UP WASTES. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE DEC 1955. APPROXIMATE COORDINATES: N-41860, W-47000. REFERENCE DRAWINGS: H-2-55900, H-2-56119.								
1973 SUM									
TOT SUM	.488E+06	<.100E+00	.100E+02	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.141E+04	
TOTDECAY	.488E+06	<.100E+00	.272E+00	<.639E-01	<.341E-06	<.657E-01	<.901E-02	.141E+04	
216-A-19	START-UP WASTES. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE DEC 1955. APPROXIMATE COORDINATES: N-41900, W-46680. REFERENCE DRAWINGS: H-2-56521.								
1973 SUM									
TOT SUM	.110E+07	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.390E+05	
TOTDECAY	.110E+07	<.100E+00	.263E+00	<.639E-01	<.341E-06	<.657E-01	<.901E-02	.390E+05	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	PETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-A-20	START-UP WASTES. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE DEC 1955. APPROXIMATE COORDINATES: N-41875, W-46540. REFERENCE DRAWINGS: H-2-56521.								
1973 SUM									
TOT SUM	.961E+06	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00	<.100E+00	.494E+03	
TOTDECAY	.961E+06	<.100E+00	.263E+00	<.639E-01	<.341E-06	<.657E-01	<.901E-02	.404E+03	
216-A-31	PUREX ORGANIC. PLACED IN USE JAN 1963 AND IS INACTIVE. APPROXIMATE COORDINATES: N-39370, W-48290. REFERENCE DRAWINGS: H-2-57934.								
1973 SUM									
TOT SUM	.100E+05	.900E+01	.200E+06	.200E+01	.950E+05	.150E+03	.100E+00	.205E+02	
TOTDECAY	.100E+05	.900E+01	.635E+03	.159E+01	.161E+03	.121E+03	.295E-01	.205E+02	
216-A-36A	AMMONIA SCRUBBER WASTES. PLACED IN USE SEP 1965 AND REMOVED FROM SERVICE MAR 1966. APPROXIMATE COORDINATES: N-39000, W-48525 TO N-39105, W-48525. REFERENCE DRAWINGS: H-2-59805, H-2-59129.								
1973 SUM									
TOT SUM	.137E+07	.800E+02	.147E+06	.180E+04	.300E+04	.150E+04	.100E+02	.145E+03	
TOTDECAY	.107E+07	.800E+02	.710E+04	.149E+04	.144E+02	.125E+04	.357E+01	.145E+03	
216-A-39	241-AX-801-B FLOOR DRAINAGE. PLACED IN USE JUN 1966 AND IS INACTIVE. APPROXIMATE COORDINATES: N-41860, W-47399 TO N-41930, W-47489. REFERENCE DRAWINGS: H-2-34761, H-2-33295.								
1973 SUM									
TOT SUM	.200E+02		.500E+02			.250E+02			
TOTDECAY	.200E+02		.407E+02			.212E+02			

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-A-40	244-AR EMERGENCY COIL DIVERSION. PLACED IN USE JAN 1968 AND IS INACTIVE. APPROXIMATE COORDINATES: N-41519, W-48209 TO N-41868, W-48404. REFERENCE DRAWINGS: H-2-61979, H-2-63083, H-2-63084.								
1973 SUM									
TOT SUM	.946E+06								
TOTDECAY	.946E+06								
216-B-20	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE AUG 1956 AND REMOVED FROM SERVICE SEP 1956. APPROXIMATE COORDINATES: N-35540, W-54190 TO N-35970, W-53940. REFERENCE DRAWINGS: H-2-3203, H-2-3204, H-2-35020.								
1973 SUM									
TOT SUM	.468E+07	.130E+01	.315E+05	.790E+03	.998E+04	.151E+04	.440E+01	.352E+03	
TOTDECAY	.468E+07	.130E+01	.299E+04	.517E+03	.678E-01	.101E+04	.453E+00	.352E+03	
216-B-21	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE SEP 1956 AND REMOVED FROM SERVICE OCT 1956. APPROXIMATE COORDINATES: N-35540, W-54305 TO N-35970, W-54355. REFERENCE DRAWINGS: H-2-3203, H-2-3204, H-2-35020.								
1973 SUM									
TOT SUM	.467E+07	.103E+02	.465E+05	.739E+03	.147E+05	.372E+03	.650E+01	.675E+03	
TOTDECAY	.467E+07	.103E+02	.147E+04	.484E+03	.999E-01	.250E+03	.668E+00	.675E+03	
216-B-22	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE OCT 1956 AND REMOVED FROM SERVICE OCT 1956. APPROXIMATE COORDINATES: N-35540, W-54420 TO N-35970, W-54171. REFERENCE DRAWINGS: H-2-3203, H-2-3204, H-2-35020.								
1973 SUM									
TOT SUM	.474E+07	.260E+01	.952E+05	.408E+03	.301E+05	.450E+02	.134E+02	.418E+03	
TOTDECAY	.474E+07	.260E+01	.634E+03	.267E+03	.205E+00	.303E+02	.138E+01	.418E+03	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
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DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-23	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE OCT 1956 AND REMOVED FROM SERVICE OCT 1956. APPROXIMATE COORDINATES: N-35300, W-54244 TO N-35300, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1973 SUM									
TOT SUM	.452E+07	.180E+01	.473E+05	.145E+03	.150E+05	.112E+03	.670E+01	.156E+03	
TOTDECAY	.452E+07	.180E+01	.355E+03	.949E+02	.102E+00	.753E+02	.699E+00	.156E+03	
216-B-24	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE OCT 1956 AND REMOVED FROM SERVICE NOV 1956. APPROXIMATE COORDINATES: N-35200, W-54244 TO N-35200, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1973 SUM									
TOT SUM	.470E+07	.770E+01	.730E+05	.181E+03	.231E+05	.129E+03	.103E+02	.246E+03	
TOTDECAY	.470E+07	.770E+01	.436E+03	.118E+03	.157E+00	.867E+02	.106E+01	.246E+03	
216-B-25	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE NOV 1956 AND REMOVED FROM SERVICE DEC 1956. APPROXIMATE COORDINATES: N-35100, W-54244 TO N-35100, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1973 SUM									
TOT SUM	.376E+07	.200E+01	.492E+05	.205E+03	.156E+05	.560E+02	.690E+01	.153E+03	
TOTDECAY	.376E+07	.200E+01	.362E+03	.134E+03	.106E+00	.377E+02	.710E+00	.153E+03	
216-B-26	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE DEC 1956 AND REMOVED FROM SERVICE FEB 1957. APPROXIMATE COORDINATES: N-35000, W-54244 TO N-35000, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1973 SUM									
TOT SUM	.588E+07	.250E+01	.768E+05	.109E+04	.243E+05	.950E+03	.107E+02	.588E+03	
TOTDECAY	.588E+07	.250E+01	.272E+04	.721E+03	.241E+00	.647E+03	.117E+01	.588E+03	

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DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-27	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE FEB 1957 AND REMOVED FROM SERVICE APR 1957. APPROXIMATE COORDINATES: N-34900, W-54244 TO N-34900, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1973 SUM									
TOT SUM	.442E+07	.700E+00	.551E+05	.595E+03	.174E+05	.340E+02	.760E+01	.343E+03	
TOTDECAY	.442E+07	.700E+00	.872E+03	.399E+03	.236E+00	.234E+02	.892E+00	.343E+03	
216-B-28	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE APR 1957 AND REMOVED FROM SERVICE JUN 1957. APPROXIMATE COORDINATES: N-34800, W-54244 TO N-34800, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1973 SUM									
TOT SUM	.505E+07	.560E+01	.165E+05	.112E+03	.522E+04	.230E+02	.230E+01	.300E+03	
TOTDECAY	.505E+07	.560E+01	.190E+03	.751E+02	.706E-01	.158E+02	.270E+00	.300E+03	
216-B-29	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE JUN 1957 AND REMOVED FROM SERVICE JUL 1957. APPROXIMATE COORDINATES: N-35972, W-54900 TO N-35972, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1973 SUM									
TOT SUM	.484E+07	.110E+01	.510E+05	.192E+03	.161E+05	.590E+02	.710E+01	.344E+03	
TOTDECAY	.484E+07	.110E+01	.364E+03	.129E+03	.219E+00	.406E+02	.833E+00	.344E+03	
216-B-30	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE JUL 1957 AND REMOVED FROM SERVICE JUL 1957. APPROXIMATE COORDINATES: N-35847, W-54900 TO N-35847, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1973 SUM									
TOT SUM	.478E+07	.210E+01	.160E+05	.600E+03	.389E+04	.337E+04	.170E+01	.880E+02	
TOTDECAY	.478E+07	.210E+01	.526E+04	.402E+03	.527E-01	.232E+04	.199E+00	.880E+02	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
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DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-31	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE JUL 1957 AND REMOVED FROM SERVICE AUG 1957. APPROXIMATE COORDINATES: N-35722, W-54900 TO N-35722, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1973 SUM									
TOT SUM	.474E+07	.520E+01	.192E+05	.209E+03	.609E+04	.280E+02	.270E+01	.122E+03	
TOTDECAY	.474E+07	.520E+01	.328E+03	.140E+03	.825E-01	.193E+02	.317E+00	.122E+03	
216-B-32	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE AUG 1957 AND REMOVED FROM SERVICE SEP 1957. APPROXIMATE COORDINATES: N-35597, W-54900 TO N-35597, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1973 SUM									
TOT SUM	.477E+07	.260E+01	.120E+05	.255E+03	.379E+04	.126E+03	.170E+01	.110E+02	
TOTDECAY	.477E+07	.260E+01	.514E+03	.171E+03	.513E-01	.867E+02	.199E+00	.110E+02	
216-B-33	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE SEP 1957 AND REMOVED FROM SERVICE OCT 1957. APPROXIMATE COORDINATES: N-35472, W-54900 TO N-35472, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1973 SUM									
TOT SUM	.474E+07	.118E+02	.102E+05	.410E+02	.324E+04	.273E+03	.140E+01	.200E+02	
TOTDECAY	.474E+07	.118E+02	.420E+03	.275E+02	.439E-01	.188E+03	.164E+00	.200E+02	
216-B-34	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE OCT 1957 AND REMOVED FROM SERVICE OCT 1957. APPROXIMATE COORDINATES: N-35347, W-54900 TO N-35347, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1973 SUM									
TOT SUM	.487E+07	.573E+01	.436E+04	.410E+02	.138E+04	.170E+02	.600E+00	.850E+02	
TOTDECAY	.487E+07	.573E+01	.798E+02	.275E+02	.187E-01	.117E+02	.704E-01	.850E+02	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
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DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-35	FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE MAR 1954. APPROXIMATE COORDINATES: N-45273, W-53850 TO N-45273, W-54102. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.106E+07	.120E+01	.179E+04	.235E+03	.229E+03	.427E+03	.300E-01	.167E+02	
TOTDECAY	.106E+07	.120E+01	.819E+03	.146E+03	.391E-03	.274E+03	.237E-02	.167E+02	
216-B-36	FIRST CYCLE SUPERNATANT. PLACED IN USE MAR 1954 AND REMOVED FROM SERVICE APR 1954. APPROXIMATE COORDINATES: N-45323, W-53850 TO N-45323, W-54102. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.194E+07	.800E+00	.350E+04	.485E+03	.471E+03	.773E+03	.700E-01	.160E+02	
TOTDECAY	.194E+07	.800E+00	.156E+04	.302E+03	.805E-03	.496E+03	.553E-02	.160E+02	
216-B-37	EVAPORATOR BOTTOMS. PLACED IN USE AUG 1954 AND REMOVED FROM SERVICE AUG 1954. APPROXIMATE COORDINATES: N-45413, W-53850 TO N-45413, W-54102. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.432E+07	.200E+01	.704E+04	.160E+02	.500E+03	.310E+04	.100E+01	.363E+01	
TOTDECAY	.432E+07	.200E+01	.384E+04	.997E+01	.855E-03	.199E+04	.790E-01	.363E+01	
216-B-38	FIRST CYCLE SUPERNATANT. PLACED IN USE JUL 1954 AND REMOVED FROM SERVICE JUL 1954. APPROXIMATE COORDINATES: N-45503, W-53850 TO N-45503, W-54102. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.143E+07	.120E+01	.582E+04	.185E+04	.560E+03	.508E+03	<.600E-01	.424E+02	
TOTDECAY	.143E+07	.120E+01	.293E+04	.115E+04	.957E-03	.326E+03	<.474E-02	.424E+02	

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DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-39	FIRST CYCLE SUPERNATANT. PLACED IN USE DEC 1953 AND REMOVED FROM SERVICE NOV 1954. APPROXIMATE COORDINATES: N-45593, W-53850 TO N-45593, W-54102. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.147E+07	.150E+01	.105E+04	.230E+02	.650E+02	.450E+03	<.100E-01	.580E+01	
TOTDECAY	.147E+07	.150E+01	.583E+03	.143E+02	.111E-03	.289E+03	<.790E-03	.580E+01	
216-B-40	FIRST CYCLE SUPERNATANT. PLACED IN USE APR 1954 AND REMOVED FROM SERVICE JUL 1954. APPROXIMATE COORDINATES: N-45683, W-53850 TO N-45683, W-54102. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.164E+07	.100E+01	.178E+04	.280E+03	.244E+03	.352E+03	<.200E-01	.350E+02	
TOTDECAY	.164E+07	.100E+01	.783E+03	.174E+03	.417E-03	.226E+03	<.158E-02	.350E+02	
216-B-41	FIRST CYCLE SUPERNATANT. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE NOV 1954. APPROXIMATE COORDINATES: N-45773, W-53850 TO N-45773, W-54102. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.144E+07	.300E+00	.210E+04	.470E+02	.131E+03	.890E+03	<.100E-01	.750E+01	
TOTDECAY	.144E+07	.300E+00	.116E+04	.293E+02	.224E-03	.571E+03	<.790E-03	.750E+01	
216-B-42	U PLANT SCAVENGED WASTE. PLACED IN USE FEB 1955 AND REMOVED FROM SERVICE MAR 1955. APPROXIMATE COORDINATES: N-45273, W-54152 TO N-45273, W-54404. REFERENCE DRAWINGS: H-2-2431, SK-2-2408.								
1973 SUM									
TOT SUM	.150E+07	.100E+02	.576E+04	.110E+04	.150E+04	.960E+02	.100E+02	.680E+03	
TOTDECAY	.150E+07	.100E+02	.153E+04	.702E+03	.511E-02	.631E+02	.901E+00	.680E+03	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
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DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-52	SCAVENGED WASTE. PLACED IN USE DEC 1957 AND REMOVED FROM SERVICE JAN 1958. APPROXIMATE COORDINATES: N-35415, W-54173 TO N-35415, W-54750. REFERENCE DRAWINGS: H-2-3232, H-2-3336, H-2-35020.								
1973 SUM									
TOT SUM	.853E+07	.190E+02	.180E+05	.110E+02	.860E+04	.340E+03	.450E+01	.299E+02	
TOTDECAY	.853E+07	.190E+02	.470E+03	.747E+01	.175E+00	.237E+03	.566E+00	.299E+02	
216-B-53A	PRTR WASTE. PLACED IN USE OCT 1965 AND REMOVED FROM SERVICE NOV 1965. APPROXIMATE COORDINATES: N-35972, W-54690 TO N-35972, W-54750. REFERENCE DRAWINGS: H-2-32522, H-2-3336, H-2-35020.								
1973 SUM									
TOT SUM	.549E+06	.100E+03	.500E+02	<.100E+00	.500E+01	<.100E+00	.500E+00	.227E+02	
TOTDECAY	.549E+06	.100E+03	.954E+00	<.816E-01	.169E-01	<.827E-01	.168E+00	.227E+02	
216-B-53B	300 AREA WASTE. PLACED IN USE NOV 1962 AND REMOVED FROM SERVICE MAR 1963. APPROXIMATE COORDINATES: N-35916, W-54723 TO N-35937, W-54583. REFERENCE DRAWINGS: H-2-32522, H-2-3336, H-2-35020.								
1973 SUM									
TOT SUM	.151E+05	.500E+01	.435E+02	.100E+02	.400E+01	.700E+01	.100E+01	.907E+01	
TOTDECAY	.151E+05	.500E+01	.261E+02	.768E+01	.255E-02	.548E+01	.243E+00	.907E+01	
216-B-54	300 AREA WASTE. PLACED IN USE MAR 1963 AND REMOVED FROM SERVICE OCT 1963. APPROXIMATE COORDINATES: N-35772, W-54550 TO N-35772, W-54750. REFERENCE DRAWINGS: H-2-32522, H-2-3336, H-2-35020.								
1973 SUM									
TOT SUM	.999E+06	.500E+01	.240E+04	.100E+00	.100E+02	.100E+00	.100E+00	.907E+01	
TOTDECAY	.999E+06	.500E+01	.207E+02	.797E-01	.195E-01	.808E-01	.297E-01	.907E+01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
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DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-B-56	221-B ORGANIC CRIB. NOT USED. APPROXIMATE COORDINATES: N-42885, W-52600 TO N-42955, W-52620. REFERENCE DRAWINGS: SK-2-19674, H-2-60329.								
216-B-58	300 AREA WASTE. PLACED IN USE NOV 1965 AND REMOVED FROM SERVICE JUN 1967. APPROXIMATE COORDINATES: N-35672, W-54550 TO N-35672, W-54750. REFERENCE DRAWINGS: H-2-3336, H-2-33400.								
1973 SUM									
TOT SUM	.413E+06	.670E+01	.593E+02	.101E+02	.700E+01	.770E+01	.240E+01	.912E+01	
TOTDECAY	.413E+06	.670E+01	.307E+02	.845E+01	.605E-01	.653E+01	.999E+00	.912E+01	
216-B-59	221-B EMERGENCY COIL DIVERSION. PLACED IN USE MAR 1968 AND IS INACTIVE. APPROXIMATE COORDINATES: N-43001, W-52787 TO N-43284, W-52504. REFERENCE DRAWINGS: H-2-60310.								
1973 SUM									
TOT SUM	.477E+06		.500E+01	.500E-01		.200E-01			
TOTDECAY	.477E+06		.266E+00	.439E-01		.177E-01			
216-B-60	221-B CELL DRAIN CLEANOUT. PLACED IN USE NOV 1967 AND REMOVED FROM SERVICE NOV 1967. APPROXIMATE COORDINATES: N-42573, W-54178 TO N-42583, W-54178. REFERENCE DRAWINGS: H-2-60311, H-2-34303.								
1973 SUM									
TOT SUM	.189E+05	.800E-01	.155E+04			.800E+01		.717E+03	
TOTDECAY	.189E+05	.800E-01	.447E+02			.693E+01		.717E+03	
216-C-4	276-C ORGANIC WASTE. PLACED IN USE JUL 1955 AND REMOVED FROM SERVICE MAY 1955. APPROXIMATE COORDINATES: N-42060, W-50430. REFERENCE DRAWINGS: H-2-4010, H-2-4425.								
1973 SUM									
TOT SUM	.170E+06	.100E+01	.120E+03	.280E+02	.150E+02	<.970E-01	<.970E-01	.340E+01	
TOTDECAY	.170E+06	.100E+01	.361E+02	.180E+02	.663E-04	<.641E-01	<.906E-02	.340E+01	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-C-6	241-CX COND. PLACED IN USE SEP 1955 AND REMOVED FROM SERVICE SEP 1964. APPROXIMATE COORDINATES: N-42015, W-50066. REFERENCE DRAWINGS: H-2-4425, H-2-35523.								
1973 SUM									
TOT SUM	.530E+06	<.100E+00	.200E+04	.650E+02	.250E+02	<.100E+00	<.100E+00	.454E-01	
TOTDECAY	.530E+06	<.100E+00	.914E+02	.438E+02	.339E-02	<.688E-01	<.124E-01	.454E-01	
216-S-8	START-UP WASTES. PLACED IN USE NOV 1951 AND REMOVED FROM SERVICE FEB 1952. APPROXIMATE COORDINATES: N-35350, W-75300. REFERENCE DRAWINGS: M-2600 SA22, H-2-32525.								
1973 SUM									
TOT SUM	.100E+08	.200E+01	.150E+04	.100E+01	.500E+02	.120E+02	<.100E+00	.195E+03	
TOTDECAY	.100E+08	.200E+01	.159E+02	.586E+00	.162E-04	.727E+01	<.569E-02	.195E+03	
216-S-12	291-S STACK WASH. PLACED IN USE JUL 1954 AND REMOVED FROM SERVICE JUL 1954. APPROXIMATE COORDINATES: N-34965, W-73384. REFERENCE DRAWINGS: H-2-2430, H-2-32525.								
1973 SUM									
TOT SUM	.681E+05	.100E+01	.650E+01	.100E+01	.100E+01	.100E+01	<.100E+00	.499E+01	
TOTDECAY	.681E+05	.100E+01	.249E+01	.623E+00	.171E-05	.642E+00	<.790E-02	.499E+01	
216-S-13	REFCOX ORGANIC. PLACED IN USE FEB 1951 AND IS INACTIVE. APPROXIMATE COORDINATES: N-34610, W-74620. REFERENCE DRAWINGS: H-2-5385, H-2-5391.								
1973 SUM									
TOT SUM	.500E+07	.800E+01	.630E+03	.400E-01	.100E+03	.500E+01	<.100E+00	<.910E+02	
TOTDECAY	.500E+07	.800E+01	.127E+02	.310E-01	.293E+00	.410E+01	<.316E-01	<.910E+02	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRISS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-5	SECOND CYCLE WASTE. PLACED IN USE MAY 1955 AND REMOVED FROM SERVICE MAY 1955. APPROXIMATE COORDINATES: N-43500, W-76200 TO N-43550, W-76200. REFERENCE DRAWINGS: H-2-2430, H-2-44510 SHT-3.								
1973 SUM									
TOT SUM	.260E+07	.180E+03	.208E+03	.100E+01	.300E+02	.700E+02	.500E+01	.454E+01	
TOTDECAY	.260E+07	.180E+03	.900E+02	.639E+00	.102E+03	.460E+02	.451E+00	.454E+01	
216-T-12	RETENTION BASIN SLUDGE. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE NOV 1954. APPROXIMATE COORDINATES: N-43560, W-75140. REFERENCE DRAWINGS: H-2-2430, H-2-44510.								
1973 SUM									
TOT SUM	.500E+07	.100E+01	.550E+02	.500E+01	.100E+02	.100E+02	.200E+01	.454E+02	
TOTDECAY	.500E+07	.100E+01	.187E+02	.312E+01	.171E+04	.642E+01	.158E+00	.454E+02	
216-T-14	FIRST CYCLE SUPERNATANT. PLACED IN USE JAN 1954 AND REMOVED FROM SERVICE JAN 1954. APPROXIMATE COORDINATES: N-43780, W-75275 TO N-44000, W-75275. REFERENCE DRAWINGS: SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.100E+07	.880E+00	.985E+03	.600E+01	.150E+02	.469E+03	.150E+01	.303E+02	
TOTDECAY	.100E+07	.880E+00	.586E+03	.374E+01	.256E+04	.301E+03	.119E+00	.303E+02	
216-T-15	FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE FEB 1954. APPROXIMATE COORDINATES: N-43760, W-75185 TO N-44000, W-75185. REFERENCE DRAWINGS: SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.100E+07	.940E+00	.207E+04	.210E+02	.120E+02	.104E+04	.120E+01	.272E+02	
TOTDECAY	.100E+07	.940E+00	.130E+04	.131E+02	.205E+04	.665E+03	.948E+01	.272E+02	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-16	FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE FEB 1954. APPROXIMATE COORDINATES: N-43760, W-75095 TO N-44000, W-75095. REFERENCE DRAWINGS: SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.100E+07	.650E+00	.105E+04	.800E+01	.130E+02	.522E+03	.130E+01	.222E+02	
TOTDECAY	.100E+07	.650E+00	.654E+03	.498E+01	.222E+04	.335E+03	.103E+00	.222E+02	
216-T-17	FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE JUN 1954. APPROXIMATE COORDINATES: N-43760, W-75045 TO N-44000, W-75045. REFERENCE DRAWINGS: SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.785E+06	.530E+00	.774E+03	.300E+01	.100E+02	.373E+03	.100E+01	.203E+02	
TOTDECAY	.785E+06	.530E+00	.464E+03	.187E+01	.171E+04	.239E+03	.790E+01	.203E+02	
216-T-18	SCAVENGED WASTE. PLACED IN USE NOV 1953 AND REMOVED FROM SERVICE NOV 1953. APPROXIMATE COORDINATES: N-42790, W-75300. REFERENCE DRAWINGS: M-2600 SHT-11, H-2-2735, H-2-2733.								
1973 SUM									
TOT SUM	.110E+07	.180E+04	.840E+03	.700E+01	.200E+03	.570E+02	.100E+02	.272E+02	
TOTDECAY	.100E+07	.180E+04	.781E+02	.426E+01	.172E+03	.358E+02	.692E+00	.272E+02	
216-T-21	FIRST CYCLE SUPERNATANT. PLACED IN USE JUN 1954 AND REMOVED FROM SERVICE AUG 1954. APPROXIMATE COORDINATES: N-41530, W-76450 TO N-41530, W-76690. REFERENCE DRAWINGS: SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.460E+06	.100E+01	.821E+04	.800E+01	.620E+02	.400E+03	.200E+01	.100E+01	
TOTDECAY	.460E+06	.100E+01	.509E+03	.498E+01	.106E+03	.257E+03	.158E+00	.100E+01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	FU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-22	FIRST CYCLE SUPERNATANT. PLACED IN USE JUL 1954 AND REMOVED FROM SERVICE AUG 1954. APPROXIMATE COORDINATES: N-41620, W-76450 TO N-41620, W-76690. REFERENCE DRAWINGS: SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.153E+07	.203E+01	.394E+04	.510E+02	.300E+02	.185E+04	.100E+01	.200E+01	
TOTDECAY	.153E+07	.200E+01	.234E+04	.318E+02	.513E+04	.119E+04	.790E-01	.200E+01	
216-T-23	FIRST CYCLE SUPERNATANT. PLACED IN USE JUL 1954 AND REMOVED FROM SERVICE AUG 1954. APPROXIMATE COORDINATES: N-41710, W-76450 TO N-41710, W-76690. REFERENCE DRAWINGS: SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.148E+07	.100E+01	.350E+04	.410E+02	.260E+02	.133E+04	.100E+01	.100E+01	
TOTDECAY	.148E+07	.100E+01	.169E+04	.255E+02	.444E+04	.854E+03	.790E-01	.100E+01	
216-T-24	FIRST CYCLE SUPERNATANT. PLACED IN USE AUG 1954 AND REMOVED FROM SERVICE AUG 1954. APPROXIMATE COORDINATES: N-41530, W-76450 TO N-41530, W-76690. REFERENCE DRAWINGS: M-2892 SHT-15, SK-2-2409, H-2-36849.								
1973 SUM									
TOT SUM	.153E+07	.200E+01	.435E+04	.400E+02	.320E+02	.142E+04	.100E+01	.830E+01	
TOTDECAY	.153E+07	.200E+01	.180E+04	.249E+02	.547E+04	.912E+03	.790E-01	.830E+01	
216-T-25	FIRST CYCLE BOTTOMS. PLACED IN USE SEP 1954 AND REMOVED FROM SERVICE SEP 1954. APPROXIMATE COORDINATES: N-41350, W-76570. REFERENCE DRAWINGS: M-2892 SHT-15.								
1973 SUM									
TOT SUM	.300E+07	.100E+01	.180E+05	.400E+01	.100E+03	.890E+04	<.100E+00	.910E+00	
TOTDECAY	.300E+07	.100E+01	.110E+05	.249E+01	.171E+03	.571E+04	<.790E-02	.910E+00	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-T-30	TX-154 DIVERSION BOX. PLACED IN USE JUL 1953 AND REMOVED FROM SERVICE JUL 1953. APPROXIMATE COORDINATES: N-43880, W-73200. REFERENCE DRAWINGS: H-2-32526.								
1973 SUM									
TOT SUM	.190E+05	.100E+01	.500E+03	.400E+02	.500E+02	.400E+02	.100E+01	.454E+01	
TOTDECAY	.190E+05	.100E+01	.970E+02	.243E+02	.429E+04	.251E+02	.692E-01	.454E+01	
216-U-5	COLD START-UP URANIUM. PLACED IN USE MAR 1952 AND REMOVED FROM SERVICE MAR 1952. APPROXIMATE COORDINATES: N-39027, W-72922. REFERENCE DRAWINGS: H-2-32527.								
1973 SUM									
TOT SUM	.225E+07	<.500E-01	.500E+00	<.500E-01	<.500E-01	<.500E-01	<.500E-01	.363E+03	
TOTDECAY	.225E+07	<.500E-01	.121E+00	<.297E-01	<.215E-07	<.307E-01	<.303E-02	.363E+03	
216-U-6	COLD START-UP URANIUM. PLACED IN USE MAR 1952 AND REMOVED FROM SERVICE MAR 1952. APPROXIMATE COORDINATES: N-39042, W-73038 TO N-39079, W-73103. REFERENCE DRAWINGS: H-2-32527.								
1973 SUM									
TOT SUM	.225E+07	<.500E-01	.500E+00	<.500E-01	<.500E-01	<.500E-01	<.500E-01	.363E+03	
TOTDECAY	.225E+07	<.500E-01	.121E+00	<.297E-01	<.215E-07	<.307E-01	<.303E-02	.363E+03	
216-U-15	CONTAMINATED SOLVENT. PLACED IN USE MAY 1957 AND REMOVED FROM SERVICE MAY 1957. APPROXIMATE COORDINATES: N-38220, W-73900. REFERENCE DRAWINGS: H-2-34762(SITE ONLY).								
1973 SUM									
TOT SUM	.681E+05	<.100E+00	.700E+01	.100E+00	.100E+01	.100E+00	<.100E+00	.227E+01	
TOTDECAY	.681E+05	<.100E+00	.285E+00	.671E-01	.135E-04	.688E-01	<.117E-01	.227E+01	

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-Z-1&2	D-6 WASTES. PLACED IN USE JUN 1949 AND REMOVED FROM SERVICE MAY 1969. APPROXIMATE COORDINATES: N-39350, W-76550. REFERENCE DRAWINGS: H-2-16459, H-2-32528.								
1973 SUM									
TOT SUM	.337E+08	.703E+04	.500E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	.809E+02	
TOTDECAY	.337E+08	.703E+04	.244E+00	<.565E-01	.194E-05	<.586E-01	<.466E-02	.809E+02	
216-Z-1A A	236 AND 242 WASTE. PLACED IN USE JUN 1964 AND REMOVED FROM SERVICE MAY 1966. APPROXIMATE COORDINATES: N-39334, W-76601 TO N-39234, W-76601. REFERENCE DRAWINGS: H-2-16459, H-2-32528, H-2-24923, H-2-27503.								
1973 SUM									
TOT SUM	.190E+07	.300E+05	.210E+03	<.100E+00	.100E+03	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.190E+07	.300E+05	.106E+01	<.797E-01	.307E+00	<.808E-01	<.295E-01	<.500E-01	
216-Z-1A B	236 AND 242-7 WASTES. PLACED IN USE MAY 1966 AND REMOVED FROM SERVICE OCT 1967. APPROXIMATE COORDINATES: N-39234, W-76601 TO N-39159, W-76601. REFERENCE DRAWINGS: H-2-27503, H-2-32528.								
1973 SUM									
TOT SUM	.190E+07	.166E+05	.105E+03	<.100E+00	.500E+02	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.190E+07	.166E+05	.111E+01	<.837E-01	.337E+00	<.846E-01	<.384E-01	<.500E-01	
216-7-1A C	236 AND 242-Z. PLACED IN USE OCT 1967 AND REMOVED FROM SERVICE MAY 1969. APPROXIMATE COORDINATES: N-39159, W-76601 TO N-39063, W-76601. REFERENCE DRAWINGS: H-2-27503, H-2-3-2528.								
1973 SUM									
TOT SUM	.141E+07	.108E+05							
TOTDECAY	.141E+07	.108E+05							

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SPECIFIC RETENTION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 9/30 1973

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-Z-18 236 AND 242-Z. PLACED IN USE APR 1969 AND IS STILL ACTIVE. APPROXIMATE
COORDINATES: N-38670, W-76800 TO N-38930, W-76960. REFERENCE DRAWINGS:
H-2-26093, H-2-26094, H-2-36551.

1973 SUM	.366E+06	.127E+04							
TOT SUM	.386E+07	.229E+05							
TOTDECAY	.386E+07	.229E+05							

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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)	PETA (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	.958E+06	.266E-03	.121E+01	.192E-01	.111E+00	.478E+00	<.349E-03	<.104E-01
AUG	.328E+06	<.819E-05	.586E+00	.784E-01	<.944E-01	.120E+00	<.568E-02	<.364E-02
SEP	.505E+06	<.778E-05	.216E+00	<.157E-01	<.252E-02	.920E-01	<.193E-03	<.514E-02
OCT								
NOV								
DEC								
ADJ								
73 SUM	.389E+07	<.739E-03	.432E+01	.262E+00	<.504E+00	.137E+01	<.200E-01	<.409E-01
PRE SUM	.112E+10	.500E+02	.113E+05	.111E+03	.993E+03	.108E+04	.179E+01	<.368E+03
TOT SUM	.113E+10	.500E+02	.113E+05	.112E+03	.994E+03	.108E+04	.181E+01	<.368E+03
73 DECAY	.389E+07	<.739E-03	.402E+01	.260E+00	<.394E+00	.136E+01	<.188E-01	<.409E-01
PREDECAY	.112E+10	.500E+02	.167E+04	.774E+02	.376E+01	.769E+03	.306E+00	<.368E+03
TOTDECAY	.113E+10	.500E+02	.168E+04	.777E+02	.415E+01	.770E+03	.324E+00	<.368E+03
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .243E-07	(UCI/ML) AUG .179E-02	(UCI/ML) AUG .239E-03	(UCI/ML) AUG <.288E-03	(UCI/ML) JUL .499E-03	(UCI/ML) FEB <.309E-04	(UCI/ML) AUG <.370E-08
AVERAGE CONC		<.117E-07	.111E-02	.673E-04	<.129E-03	.352E-03	<.514E-05	<.350E-08

TABLE 3

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.333E+05	.370E-02	.725E-02	.170E-03	.440E-03	.326E-03	<.460E-05	.560E-03	
APR	.114E+05	.666E-02	.312E-02	.660E-04	.128E-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	.151E+05	.940E-02	.440E-01	.960E-03	.744E-03	.203E-02	<.368E-05	.373E-02	
AUG	.189E+05	.975E-02	.505E-01	.850E-03	.155E-02	.555E-02	<.360E-05	.448E-03	
SEP	.189E+05	.975E-02	.505E-01	.850E-03	.155E-02	.555E-02	<.360E-05	.448E-03	
OCT									
NOV									
DEC									
ADJ									
73 SUM	.155E+06	.691E-01	.185E+00	.347E-02	.585E-02	.146E-01	<.275E-04	.787E-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	.155E+06	.691E-01	.152E+00	.345E-02	.493E-02	.145E-01	<.263E-04	.787E-02	
PREDECAY	.287E+10	.343E+03	.755E+04	.125E+03	.145E+03	.118E+03	.499E+02	.204E+03	.277E+03
TOTDECAY	.287E+10	.343E+03	.755E+04	.125E+03	.145E+03	.118E+03	.499E+02	.204E+03	.277E+03
MONTHLY MAXIMUM CONC		(UCI/ML) JUL .381E-04	(UCI/ML) JUL .291E-02	(UCI/ML) JUL .634E-04	(UCI/ML) AUG .819E-04	(UCI/ML) AUG .293E-03	(UCI/ML) JUL <.243E-06	(UCI/ML) JUL .820E-07	
AVERAGE CONC		.273E-04	.119E-02	.224E-04	.377E-04	.940E-04	<.177E-06	.169E-07	

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-A-30 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	.819E+07	<.798E-01	.154E+00	.286E-01	<.123E-01	.270E-01	<.147E-02	<.476E-01	
AUG	.809E+07	<.784E-01	.132E+00	.261E-01	.137E-01	.209E-01	<.868E-03	<.449E-01	
SEP	.900E+07	<.860E-01	.335E+00	.107E+00	.238E-01	.166E-01	<.122E-02	<.261E+00	
OCT									
NOV									
DEC									
ADJ									
73 SUM	.861E+08	<.163E+01	.289E+01	.435E+00	.240E+00	.243E+00	<.112E-01	<.783E+00	
PRE SUM	.348E+10	<.706E+02	.544E+04	.187E+03	.196E+03	.220E+03	.166E+02	<.401E+02	<.748E+01
TOT SUM	.356E+10	<.722E+02	.544E+04	.187E+03	.196E+03	.220E+03	.166E+02	<.408E+02	<.748E+01
73 DECAY	.861E+08	<.163E+01	.224E+01	.430E+00	.176E+00	.241E+00	<.106E-01	<.783E+00	
PREDECAY	.348E+10	<.706E+02	.716E+03	.154E+03	.936E+01	.172E+03	.437E+01	<.401E+02	<.748E+01
TOTDECAY	.356E+10	<.722E+02	.718E+03	.154E+03	.953E+01	.172E+03	.439E+01	<.408E+02	<.748E+01
MONTHLY MAXIMUM CONC		(UCI/ML) FEB .593E-05	(UCI/ML) FEB .124E-03	(UCI/ML) SFP .119E-04	(UCI/ML) FEB .941E-05	(UCI/ML) FEB .544E-05	(UCI/ML) JUL <.179E-06	(UCI/ML) SEP <.968E-08	
AVERAGE CONC		<.116E-05	.335E-04	.505E-05	.279E-05	.283E-05	<.130E-06	<.303E-09	

TABLE 5

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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)	FU (GM)	PETA (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	.757E+03	.148E-06	.115E-04					<.960E-05
AUG	.151E+04	<.604E-07	.113E-04			.536E-05	<.330E-06	<.180E-04
SEP								
OCT								
NOV								
DEC								
ADJ								
73 SUM	.530E+04	.410E-05	.403E-03	<.388E-05		.536E-05	<.330E-06	<.654E-04
PRF SUM	.212E+05	<.394E-04	.133E-02	<.327E-03	<.169E-05	<.106E-03	<.450E-06	<.665E-03
TOT SUM	.265E+05	<.435E-04	.174E-02	<.331E-03	<.169E-05	<.111E-03	<.780E-06	<.730E-03
73 DECAY	.530E+04	.410E-05	.249E-03	<.382E-05		.534E-05	<.325E-06	<.654E-04
PREDECAY	.212E+05	<.394E-04	.856E-03	<.297E-03	<.358E-06	<.980E-04	<.334E-06	<.665E-03
TOTDECAY	.265E+05	<.435E-04	.111E-02	<.301E-03	<.358E-06	<.103E-03	<.659E-06	<.730E-03
MONTHLY MAXIMUM CONC		(UCI/ML) FEB .920E-07	(UCI/ML) MAY .359E-03	(UCI/ML) FEB <.513E-05	(UCI/ML)	(UCI/ML) AUG .354E-05	(UCI/ML) AUG <.218E-06	(UCI/ML) JAN <.666E-08
AVERAGE CONC		.476E-07	.760E-04	<.732E-06		.101E-05	<.623E-07	<.411E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.584E+06	.174E-02	.112E+01	.130E+00	<.168E+00	.176E+00	<.100E+00	<.633E-02
AUG	.467E+06	.396E-03	.905E+00	.126E+00	<.134E+00	.180E+00	<.805E-02	<.503E-02
SEP	.458E+06	.136E-03	.712E+00	.360E-01	<.239E-02	.254E+00	<.197E-03	<.469E-02
OCT								
NOV								
DEC								
ADJ								
73 SUM	.212E+08	<.995E-02	.518E+02	.856E+01	.398E+01	.111E+02	<.321E+00	<.215E+00
PRE SUM	.497E+09	.374E+03	.111E+05	<.144E+03	.307E+03	.119E+04	<.141E+01	.209E+05
TOT SUM	.518E+09	.374E+03	.112E+05	<.153E+03	.311E+03	.120E+04	<.173E+01	.209E+05
73 DECAY	.212E+08	<.995E-02	.468E+02	.844E+01	.283E+01	.110E+02	<.302E+00	<.215E+00
PREDFCAY	.497E+09	.374E+03	.243E+04	<.112E+03	<.446E+01	.105E+04	<.862E+01	.209E+05
TOTDECAY	.518E+09	.374E+03	.248E+04	<.120E+03	<.729E+01	.106E+04	<.116E+01	.209E+05
MONTHLY MAXIMUM CONC		(UCI/ML) JUL .110E-06	(UCI/ML) JAN .391E-02	(UCI/ML) JAN .734E-03	(UCI/ML) MAR .306E-03	(UCI/ML) JAN .853E-03	(UCI/ML) JUL <.172E-03	(UCI/ML) JUL <.361E-08
AVERAGE CONC		<.288E-07	.244E-02	.403E-03	.188E-03	.525E-03	<.152E-04	<.337E-08

TABLE 7

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-9-50 CRIP
 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
PRF SUM	.537E+08	<.238E+00	.240E+03	<.599E+01	.111E+02	.873E+02	<.330E+00	<.278E+00
TOT SUM	.546E+08	<.230E+00	.241E+03	<.600E+01	.111E+02	.878E+02	<.331E+00	<.284E+00
73 DECAY	.949E+06	<.476E-03	.104E+01	.263E-02	.473E-02	.528E+00	<.119E-03	<.647E-02
PREDECAY	.537E+08	<.238E+00	.156E+03	<.514E+01	.129E+00	.751E+02	<.142E+00	<.278E+00
TOTDECAY	.546E+08	<.230E+00	.157E+03	<.514E+01	.133E+00	.757E+02	<.142E+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		<.318E-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 9/30 1973 AT
 DISPOSAL SITE 216-R-55 CRI²
 WASTE STREAM DESCRIPTION- R 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	.189E+07	<.895E-04	.685E-01	.254E-01	.432E-02	.395E-03	<.253E-03	<.102E-01
AUG	.127E+07	.267E-03	.285E-01	.385E-02	<.680E-03	.399E-03	<.119E-03	<.804E-02
SEP	.889E+06	.103E-03	.383E-02	.625E-03	<.533E-03	.423E-03	<.907E-04	<.517E-02
OCT								
NOV								
DEC								
ADJ								
73 SUM	.766E+08	.176E-01	.871E+01	.961E+00	.106E+00	.223E+01	<.109E-01	<.435E+00
PRE SUM	.516E+09	<.414E+00	.126E+03	<.527E+01	<.125E+01	.180E+02	<.314E+00	<.344E+01
TOT SUM	.593E+09	<.431E+00	.135E+03	<.624E+01	<.136E+01	.202E+02	<.325E+00	<.387E+01
73 DECAY	.766E+08	.176E-01	.778E+01	.949E+00	.735E-01	.221E+01	<.102E-01	<.435E+00
PREDECAY	.516E+09	<.414E+00	.470E+02	<.480E+01	<.110E+00	.165E+02	<.167E+00	<.344E+01
TOTDECAY	.593E+09	<.431E+00	.548E+02	<.575E+01	<.183E+00	.187E+02	<.177E+00	<.387E+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		.141E-07	.114E-03	.126E-04	.138E-05	.292E-04	<.142E-06	<.189E-08

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 16-B-57 CRIE
 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	.388E+01	.193E-02	.196E-01	.194E+01	<.575E-03	<.314E-01
PREDECAY	.792E+08	<.185E+00	.647E+03	.278E+01	<.570E+00	.332E+03	<.731E-01	<.858E+00
TOTDECAY	.844E+08	<.187E+00	.651E+03	.278E+01	<.590E+00	.334E+03	<.737E-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

TABLE 11

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-S-20 CRIF
 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	<.714E-04					<.284E-01
PREDECAY	.132E+09	.171E+03	.256E+03	.344E+02	.308E-01	.835E+02	.282E+00	.376E+02
TOTDECAY	.135E+09	.171E+03	.256E+03	.344E+02	.308E-01	.835E+02	.282E+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

TABLE 12

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
DISPOSAL SITE 216-T-19 CRIF
WASTE STREAM DESCRIPTION- 242-T EVAPORATOR CONDENSATE FROM DECEMBER 1964 TO DATE.

1973	VOLUME (L)	PU (GM)	PETA (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	.116E+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	.180E+06	.442E-03	.857E-01	.666E-02	.168E-02	.351E-01	<.276E-04	<.109E-02
AUG	.106E+07	.128E-01	.383E+01	.143E-01	.305E-02	.168E+00	<.110E-03	<.580E-02
SEP	.648E+06	.103E-01	.243E+00	.188E-01	.286E-02	.104E+00	<.646E-04	<.445E-02
OCT								
NOV								
DEC								
ADJ	.891E+07 ¹							
73 SUM	.158E+08	.282E-01	.423E+01	.460E+00	.142E+00	.148E+01	<.133E-02	.147E+01
PRE SUM	.403E+09	.143E+02	.454E+04	.615E+02	.100E+04	.368E+03	.105E+01	<.798E+01
TOT SUM	.410E+09	.143E+02	.454E+04	.620E+02	.100E+04	.370E+03	.105E+01	<.945E+01
73 DECAY	.158E+08	.282E-01	.403E+01	.455E+00	.996E-01	.146E+01	<.125E-02	.147E+01
PRED DECAY	.403E+09	.143E+02	.575E+03	.408E+02	<.183E+00	.255E+03	<.128E+00	<.798E+01
TOT DECAY	.410E+09	.143E+02	.579E+03	.412E+02	<.283E+00	.256E+03	<.130E+00	<.945E+01
MONTHLY MAXIMUM CONC		(UCI/ML) SEP .978E-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		.110E-06	.269E-03	.292E-04	.898E-05	.939E-04	<.841E-07	.311E-07

¹STEAM CONDENSATE.

TABLE 13

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.704E+00	<.777E-01	.115E+00	<.790E-01	<.259E-01	<.500E-01
TOTDECAY	.281E+09	.251E+05	.704E+00	<.777E-01	.115E+00	<.790E-01	<.259E-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						

TABLE 14

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-Z-16 CRIB
 WASTE STREAM DESCRIPTION- 231-7 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	.317E+06	.258E-02	.121E-03					
AUG	.310E+06	.771E-02	.302E-03					
SEP	.526E+06	.798E-02	.107E-03					
OCT								
NOV								
DEC								
ADJ								
73 SUM	.855E+07	.617E+01	.201E+00					
PRE SUM	.844E+08	<.645E+02	<.787E+00					
TOT SUM	.930E+08	<.707E+02	<.989E+00					
73 DECAY	.855E+07	.617E+01	.970E-01					
PREDECAY	.844E+08	<.645E+02	<.984E-01					
TOTDECAY	.930E+08	<.707E+02	<.195E+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		.443E-04	.235E-04					

TABLE 15

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-Z-18 CRIP (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						
PRF 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						

TABLE 16

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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)	PETA (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	.600E+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	.484E+08	<.162E-01	.121E-01	<.300E-02	<.229E-02	<.389E-03	<.648E-03	<.318E+00	
AUG	.341E+09	<.118E+00	<.298E-01	.957E-02		<.408E-02	<.200E-02	<.460E+00	
SEP	.353E+09	<.973E-01	.584E-01	.903E-02		.184E-01	<.375E-02	<.968E+01	
OCT									
NOV									
DEC									
ADJ	.729E+09 ¹								
73 SUM	.197E+10	<.380E+00	<.272E+00	<.269E-01	<.427E-01	<.471E-01	<.308E-01	<.135E+02	
PRE SUM	.167E+12	.421E+03	.227E+06	.482E+03	<.740E+03	.362E+03	<.438E+02	<.627E+03	<.459E+03
TOT SUM	.169E+12	.422E+03	.227E+06	.482E+03	<.740E+03	.362E+03	<.439E+02	<.641E+03	<.459E+03
73 DECAY	.197E+10	<.380E+00	<.240E+00	<.268E-01	<.296E-01	<.468E-01	<.289E-01	<.135E+02	
PREDECAY	.167E+12	.421E+03	.272E+04	.389E+03	<.127E+02	.297E+03	<.217E+02	<.627E+03	<.459E+03
TOTDECAY	.169E+12	.422E+03	.272E+04	.389E+03	<.127E+02	.297E+03	<.217E+02	<.641E+03	<.459E+03
MONTHLY MAXIMUM CONC		(UCI/ML) AUG	(UCI/ML) APR	(UCI/ML) JUL	(UCI/ML) APR	(UCI/ML) APR	(UCI/ML) MAR	(UCI/ML) SEP	
		<.213E-07	.168E-05	<.620E-07	<.377E-06	.359E-06	<.116E-06	<.913E-08	
AVERAGE CONC		<.118E-07	<.138E-06	<.136E-07	<.216E-07	<.239E-07	<.156E-07	<.228E-08	

¹VOLUME ADJ. INCLUDES .729 + 09 FROM 200 EAST POWERHOUSE.

TABLE 17

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	<.158E-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	.409E+08	<.162E-01	.120E-01	<.306E-02	<.229E-02	<.389E-03	<.648E-03	<.238E+00	
AUG	.315E+09	<.118E-01	.291E-01	.957E-02		<.408E-02	<.200E-02	<.184E+00	
SEP	.323E+09	<.972E-01	.573E-01	.903E-02		.184E-01	<.375E-02	<.937E+01	
OCT									
NOV									
DEC									
ADJ									
73 SUM	.113E+10	<.379E+00	<.270E+00	<.269E-01	<.427E-01	<.471E-01	<.308E-01	<.124E+02	
PRE SUM	.156E+12	.422E+03	.227E+06	.482E+03	<.741E+03	.361E+03	<.440E+02	.574E+06	<.482E+03
TOT SUM	.157E+12	.423E+03	.227E+06	.482E+03	<.741E+03	.361E+03	<.440E+02	.574E+06	<.482E+03
73 DECAY	.113E+10	<.379E+00	<.238E+00	<.268E-01	<.296E-01	<.468E-01	<.289E-01	<.124E+02	
PREDECAY	.156E+12	.422E+03	.325E+04	.389E+03	<.128E+02	.297E+03	<.218E+02	.574E+06	<.482E+03
TOTDECAY	.157E+12	.423E+03	.325E+04	.389E+03	<.128E+02	.297E+03	<.218E+02	.574E+06	<.482E+03
MONTHLY MAXIMUM CONC		(UCI/ML) JUL	(UCI/ML) APR	(UCI/ML) JUL	(UCI/ML) APR	(UCI/ML) APR	(UCI/ML) MAR	(UCI/ML) SEP	
		<.243E-07	.202E-05	<.734E-07	<.449E-06	.428E-06	<.133E-06	<.968E-08	
AVERAGE CONC		<.205E-07	<.238E-06	<.237E-07	<.377E-07	<.416E-07	<.272E-07	<.364E-08	

TABLE 18

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.757E+07	.404E-04	.382E-03					<.802E-01
AUG	.259E+08	<.526E-04	<.103E-02					<.276E+00
SEP	.395E+08	.116E-03	.786E-02					<.308E+00
OCT								
NOV								
DEC								
ADJ								
73 SUM	.111E+09	<.132E-02	<.121E-01					<.114E+01
PRF SUM	.211E+10	<.656E+00	<.147E+01	<.490E-01	<.231E+00	<.870E-01	<.390E-01	<.449E+01
TOT SUM	.222E+10	<.658E+00	<.148E+01	<.490E-01	<.231E+00	<.870E-01	<.390E-01	<.564E+01
73 DECAY	.111E+09	<.132E-02	<.102E-01					<.114E+01
PREDECAY	.211E+10	<.656E+00	<.368E+00	<.441E-01	<.123E-01	<.789E-01	<.223E-01	<.449E+01
TOTDECAY	.222E+10	<.658E+00	<.378E+00	<.441E-01	<.123E-01	<.789E-01	<.223E-01	<.564E+01
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .402E-08	(UCI/ML) SEP .258E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) AUG <.355E-08
AVERAGE CONC		<.731E-09	<.109E-06					<.342E-08

TABLE 19

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-B-3 SUMMARY
 WASTE STREAM DESCRIPTION- 9 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+10	.412E+00	.215E-02	<.307E-01	.295E-01	<.352E-02	<.412E+01	
FEB	.352E+09	<.239E+03	.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	.429E+09	<.559E-11	<.297E-01	<.366E-02	<.821E-02	<.135E-02	<.231E-02	<.382E+01	
AUG	.341E+09	<.191E-01	.428E-01			.141E-02	<.400E-03	<.341E+01	
SEP	.312E+09	<.119E-01	<.178E-01			.226E-02	<.400E-03	<.381E+01	
OCT									
NOV									
DEC									
ADJ									
73 SUM	.338E+10	<.586E+00	.159E+01	<.152E-01	<.103E+00	<.688E-01	<.179E-01	<.332E+02	
PRE SUM	.881E+11	<.239E+03	.232E+05	.152E+03	.232E+04	.145E+03	<.198E+02	<.326E+03	<.300E+02
TOT SUM	.914E+11	<.239E+03	.232E+05	.152E+03	.232E+04	.146E+03	<.198E+02	<.359E+03	<.300E+02
73 DECAY	.338E+10	<.586E+00	.953E+00	<.151E-01	<.701E-01	<.679E-01	<.167E-01	<.332E+02	
PREDECAY	.881E+11	<.239E+03	.662E+03	.128E+03	.709E+01	.121E+03	<.943E+01	<.326E+03	<.300E+02
TOTDECAY	.914E+11	<.239E+03	.663E+03	.128E+03	.716E+01	.121E+03	<.945E+01	<.359E+03	<.300E+02
MONTHLY MAXIMUM CONC		(UCI/ML) JAN	(UCI/ML) FEB	(UCI/ML) JUN	(UCI/ML) JAN	(UCI/ML) JAN	(UCI/ML) FEB	(UCI/ML) SEP	
		<.569E-07	.167E-05	.119E-07	<.719E-07	.591E-07	<.107E-07	<.407E-08	
AVERAGE CONC		<.106E-07	.471E-06	<.450E-08	<.303E-07	<.203E-07	<.528E-08	<.327E-08	

TABLE 20

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.234E+09	.774E-03	<.118E-01					<.248E+01
AUG	.253E+09	<.335E-02	.334E-01					<.268E+01
SEP	.226E+09	<.705E-04	<.986E-02					<.228E+01
OCT								
NOV								
DEC								
ADJ								
73 SUM	.238E+10	<.205E-01	.136E+01					<.243E+02
PRE SUM	.105E+11	<.793E+01	.720E+02	<.250E+01	<.389E+01	<.680E+01	.375E+01	<.304E+02
TOT SUM	.129E+11	<.795E+01	.734E+02	<.250E+01	<.389E+01	<.680E+01	.375E+01	<.547E+02
73 DECAY	.238E+10	<.205E-01	.711E+00					<.243E+02
PREDECAY	.105E+11	<.793E+01	.213E+02	<.223E+01	<.121E+00	<.612E+01	.188E+01	<.304E+02
TOTDECAY	.129E+11	<.795E+01	.220E+02	<.223E+01	<.121E+00	<.612E+01	.188E+01	<.547E+02
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .140E-08	(UCI/ML) FEB .231E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) AUG <.354E-03
AVERAGE CONC		<.528E-09	.571E-06					<.339E-03

TABLE 21

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-3-3 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	<.577E-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	.132E+08	.313E-03	<.164E-02					<.134E+00
AUG	.132E+08	.225E-03	.350E-02					<.141E+00
SEP	.132E+08	.623E-05	.100E-02					<.134E+00
OCT								
NOV								
DEC								
ADJ								
73 SUM	.231E+09	<.369E-02	<.241E-01					<.234E+01
PRE SUM	.139E+10	<.695E+00	<.166E+01	<.343E-01	<.880E-01	.431E+00	<.160E-01	<.541E+01
TOT SUM	.163E+10	<.693E+00	<.169E+01	<.343E-01	<.880E-01	.431E+00	<.160E-01	<.775E+01
73 DECAY	.231E+09	<.369E-02	<.152E-01					<.234E+01
PREDECAY	.139E+10	<.690E+00	<.905E+00	<.311E-01	<.602E-02	.399E+00	<.914E-02	<.541E+01
TOTDECAY	.163E+10	<.693E+00	<.920E+00	<.311E-01	<.602E-02	.399E+00	<.914E-02	<.775E+01
MONTHLY MAXIMUM CONC		(UCI/ML) FEB <.324E-08	(UCI/ML) AUG .264E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) AUG <.354E-08
AVERAGE CONC		<.981E-09	<.104E-06					<.337E-08

TABLE 22

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.354E+08	.108E-03	<.298E-02					<.358E+00
AUG	.339E+08	<.712E-04	.119E-02					<.361E+00
SEP	.313E+08	<.566E-04	.388E-02					<.316E+00
OCT								
NOV								
DEC								
ADJ								
73 SUM	.294E+09	<.266E-02	<.327E-01					<.299E+01
PRE SUM	.191E+10	<.105E+01	<.298E+01	<.564E-01	<.162E+00	<.813E+00	<.179E-01	<.622E+01
TOT SUM	.221E+10	<.106E+01	<.302E+01	<.564E-01	<.162E+00	<.813E+00	<.179E-01	<.921E+01
73 DECAY	.294E+09	<.266E-02	<.206E-01					<.299E+01
PREDECAY	.191E+10	<.105E+01	<.164E+01	<.508E-01	<.866E-02	<.737E+00	<.102E-01	<.622E+01
TOTDECAY	.221E+10	<.106E+01	<.166E+01	<.508E-01	<.866E-02	<.737E+00	<.102E-01	<.921E+01
MONTHLY MAXIMUM CONC		(UCI/ML) FEB <.263E-08	(UCI/ML) MAY <.239E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) AUG <.355E-08
AVERAGE CONC		<.554E-09	<.111E-06					<.338E-08

TABLE 23

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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+03	.215E-02	<.367E-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	.245E-02	.345E-02	<.518E-03	<.227E+00	
JUN	.409E+08	<.140E-01	.204E-01	.415E-02	<.821E-02	<.135E-02	<.231E-02	<.226E+00	
JUL	.146E+09	<.547E-01	.288E-01	<.366E-02		.141E-02	<.400E-03	<.227E+00	
AUG	.409E+08	<.154E-01	.464E-02			.226E-02	<.400E-03	<.108E+01	
SEP	.409E+08	<.118E-01	.492E-02						
OCT									
NOV									
DEC									
ADJ									
73 SUM	.473E+09	<.560E+00	<.392E+00	<.152E-01	<.103E+00	<.688E-01	<.179E-01	<.357E+01	<.681E+01
PRE SUM	.181E+10	<.174E+02	.204E+03	.402E+01	.795E+02	.485E+01	.270E+01	<.167E+02	
TOT SUM	.229E+10	<.180E+02	.205E+03	.404E+01	.796E+02	.491E+01	.272E+01	<.203E+02	<.681E+01
73 DECAY	.473E+09	<.560E+00	<.392E+00	<.151E-01	<.701E-01	<.679E-01	<.167E-01	<.357E+01	
PREDECAY	.181E+10	<.174E+02	.240E+02	.356E+01	<.280E+01	.436E+01	.149E+01	<.167E+02	<.681E+01
TOTDECAY	.229E+10	<.180E+02	.243E+02	.358E+01	<.287E+01	.443E+01	.150E+01	<.203E+02	<.681E+01
MONTHLY MAXIMUM CONC		(UCI/ML) JAN <.592E-06	(UCI/ML) JAN .311E-05	(UCI/ML) JUN .101E-06	(UCI/ML) JAN <.750E-06	(UCI/ML) JAN .721E-06	(UCI/ML) FEB <.917E-07	(UCI/ML) SEP <.880E-08	
AVERAGE CONC		<.720E-07	<.829E-06	<.322E-07	<.217E-06	<.145E-06	<.378E-07	<.251E-08	

TABLE 24

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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)	PETA (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		<.203E+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	.845E+08	<.145E-01	<.708E-01					<.491E-01
AUG	.814E+08	<.770E-02	<.125E+00					<.437E+00
SEP	.739E+08	<.859E-02	.297E-01					<.410E+00
OCT								
NOV								
DEC								
ADJ								
73 SUM	.518E+09	<.948E-01	<.940E+00	.146E-01	.161E-02	.439E-01	<.754E-02	<.256E+01
PRE SUM	.801E+09	<.121E+00	<.748E+01	.165E+01	<.138E+00	<.625E+00	<.600E-02	<.436E+01
TOT SUM	.132E+10	<.216E+00	<.842E+01	.167E+01	<.139E+00	<.669E+00	<.135E-01	<.691E+01
73 DECAY	.518E+09	<.948E-01	<.624E+00	.144E-01	.111E-02	.434E-01	<.717E-02	<.256E+01
PREDECAY	.801E+09	<.121E+00	<.474E+01	.153E+01	<.282E-01	<.589E+00	<.409E-02	<.436E+01
TOTDECAY	.132E+10	<.216E+00	<.536E+01	.154E+01	<.293E-01	<.632E+00	<.113E-01	<.691E+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		<.112E-07	<.181E-05	.281E-07	.311E-08	.848E-07	<.145E-07	<.164E-08

TABLE 25

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.297E-01				<.754E-02	<.375E+00
JUN	.785E+08	<.338E-01	<.236E-01					<.498E+00
JUL	.845E+08	<.145E-01	<.708E-01					<.491E-01
AUG	.814E+08	<.770E-02	<.125E+00					<.437E+00
SEP	.739E+08	<.859E-02	.297E-01					<.410E+00
OCT								
NOV								
DEC								
ADJ								
73 SUM	.518E+09	<.948E-01	<.940E+00	.146E-01	.161E-02	.439E-01	<.754E-02	<.256E+01
PRE SUM	.655E+09	<.900E-01	<.756E+01	.165E+01	<.140E+00	<.622E+00	<.585E-02	<.329E+01
TOT SUM	.117E+10	<.185E+00	<.855E+01	.167E+01	<.142E+00	<.666E+00	<.134E-01	<.584E+01
73 DECAY	.518E+09	<.948E-01	<.624E+00	.144E-01	.111E-02	.434E-01	<.717E-02	<.256E+01
PREDECAY	.655E+09	<.900E-01	<.475E+01	.153E+01	<.285E-01	<.586E+00	<.394E-02	<.329E+01
TOTDECAY	.117E+10	<.185E+00	<.538E+01	.155E+01	<.296E-01	<.629E+00	<.111E-01	<.584E+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		<.112E-07	<.181E-05	.281E-07	.311E-08	.848E-07	<.145E-07	<.164E-08

TABLE 26

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.169E+08	<.482E-04	<.540E-03					<.179E+00
AUG	.169E+08	.777E-04	.509E-03					<.179E+00
SEP	.164E+08	<.422E-04	<.812E-03					<.165E+00
OCT								
NOV								
DEC								
ADJ								
73 SUM	.149E+09	<.398E-02	<.696E-02					<.152E+01
PRE SUM	.302E+10	<.224E+00	.101E+03	.111E+01	.101E+02	.111E+01	<.133E+00	<.249E+02
TOT SUM	.317E+10	<.228E+00	.101E+03	.111E+01	.101E+02	.111E+01	<.133E+00	<.265E+02
73 DECAY	.149E+09	<.398E-02	<.458E-02					<.152E+01
PREDECAY	.302E+10	<.224E+00	.372E+01	<.824E+00	<.121E-01	<.839E+00	<.584E-01	<.249E+02
TOTDECAY	.317E+10	<.228E+00	.372E+01	<.824E+00	<.121E-01	<.839E+00	<.584E-01	<.265E+02
MONTHLY MAXIMUM CONC		(UCI/ML) MAY <.113E-07	(UCI/ML) MAY .938E-07	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JUL <.354E-08
AVERAGE CONC		<.164E-08	<.468E-07					<.341E-08

TABLE 27

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.293E+07	<.549E-03	<.144E-03					<.311E-01
AUG	.293E+07	<.137E-02	<.688E-03					<.296E-01
SEP	.284E+07	<.423E-03	<.197E-03					<.344E-01
OCT								
NOV								
DEC								
ADJ								
73 SUM	.266E+08	<.805E-02	<.195E-02					<.268E+00
PRE SUM	.693E+09	.205E+02	.325E+03	<.246E+01	<.682E+01	<.227E+01	<.563E+00	<.107E+03
TOT SUM	.720E+09	.205E+02	.325E+03	<.246E+01	<.682E+01	<.227E+01	<.563E+00	<.108E+03
73 DECAY	.266E+08	<.805E-02	<.141E-02					<.268E+00
PREDECAY	.693E+09	.205E+02	.106E+02	<.197E+01	<.481E-01	<.187E+01	<.220E+00	<.107E+03
TOTDECAY	.720E+09	.205E+02	.106E+02	<.197E+01	<.481E-01	<.187E+01	<.220E+00	<.108E+03
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .391E-07	(UCI/ML) AUG <.235E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) SEP <.404E-08
AVERAGE CONC		<.186E-07	<.734E-07					<.336E-08

TABLE 28

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.512E+07	<.195E-03	.429E-02					<.544E-01
AUG	.354E+08	.784E-03	.427E-02					<.375E+00
SEP	.280E+08	<.223E-03	<.123E-02					<.300E+00
OCT								
NOV								
DEC								
ADJ	.227E+08 ¹							
73 SUM	.252E+09	<.452E-02	<.267E-01					<.238E+01
PRE SUM	.416E+11	<.367E+01	.500E+03	<.617E+01	.106E+03	.109E+02	<.338E+01	<.688E+03
TOT SUM	.418E+11	<.367E+01	.500E+03	<.617E+01	.106E+03	.109E+02	<.338E+01	<.690E+03
73 DECAY	.252E+09	<.452E-02	<.174E-01					<.238E+01
PREDECAY	.416E+11	<.367E+01	.306E+02	<.511E+01	<.107E+00	.922E+01	<.156E+01	<.688E+03
TOTDECAY	.418E+11	<.367E+01	.306E+02	<.511E+01	<.107E+00	.922E+01	<.156E+01	<.690E+03
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .439E-08	(UCI/ML) JUL .838E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JUN <.367E-08
AVERAGE CONC		<.110E-08	<.106E-06					<.315E-08

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

TABLE 29

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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)	RU (GM)	PETA (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	.766E+08	<.223E+00	<.107E+00					<.160E+00
AUG	.749E+08	<.313E+00	<.866E-01					<.162E+00
SEP	.807E+08	<.806E+00	<.107E+00					<.149E+00
OCT								
NOV								
DEC								
ADJ	.547E+09 ¹							
73 SUM	.122E+10	<.795E+01	<.635E+00					<.172E+01
PRE SUM	.119E+12	.810E+04	.305E+04	<.226E+02	.309E+03	<.157E+02	<.435E+01	.144E+04
TOT SUM	.121E+12	.811E+04	.305E+04	<.226E+02	.309E+03	<.157E+02	<.435E+01	.144E+04
73 DECAY	.122E+10	<.795E+01	<.453E+00					<.172E+01
PREDECAY	.119E+12	.810E+04	.670E+02	<.161E+02	<.193E+00	<.115E+02	<.193E+01	.144E+04
TOTDECAY	.121E+12	.811E+04	.675E+02	<.161E+02	<.193E+00	<.115E+02	<.193E+01	.144E+04
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .185E-05	(UCI/ML) JUN <.150E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JAN <.116E-08
AVERAGE CONC		<.402E-06	<.523E-06					<.470E-09

¹VOLUME ADJ. INCLUDES .509 + 09 FROM 200 WEST POWERHOUSE AND .372 + 08 FROM 221-U.

TABLE 30

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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)	PETA (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	.17E+07	<.45E-03	.577E-03					
APR	.402E+07	.975E-03	.223E-02					
MAY	.557E+07	.134E-02	.321E-02					
JUN	.744E+07	<.10E-02	.170E-01					
JUL	.604E+07	<.106E-03	.187E-01					
AUG	.643E+07	.122E-03	.538E-02					
SEP	.525E+07	<.770E-03	.951E-03					
OCT								
NOV								
DEC								
ADJ								
73 SUM	.411E+08	<.754E-02	.499E-01					
PRE SUM	.243E+09	<.353E+00	<.378E+01					
TOT SUM	.284E+09	<.361E+00	<.383E+01					
73 DECAV	.411E+08	<.754E-02	.357E-01					
PREDECAV	.243E+09	<.353E+00	<.243E+00					
TOTDECAV	.284E+09	<.361E+00	<.278E+00					
MONTHLY MAXIMUM CONC		(UCI/ML) JAN <.636E-07	(UCI/ML) JUL .309E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		<.113E-07	.122E-05					

TABLE 31

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.151E+08	.496E-03	.112E-02					<.160E+00
AUG	.152E+08	<.248E-03	.285E-02					<.162E+00
SEP	.147E+08	<.107E-04	.163E-02					<.149E+00
OCT								
NOV								
DEC								
ADJ								
73 SUM	.168E+09	<.239E-02	<.183E-01					<.172E+01
PRF SUM	.831E+09	<.644E+02	<.207E+02	<.498E+00	<.111E+01	<.117E+01	<.361E+00	<.389E+01
TOT SUM	.999E+09	<.644E+02	<.207E+02	<.498E+00	<.111E+01	<.117E+01	<.361E+00	<.561E+01
73 DECAY	.168E+09	<.239E-02	<.117E-01					<.172E+01
PREDECAY	.831E+09	<.644E+02	<.370E+01	<.441E+00	<.308E-01	<.105E+01	<.181E+00	<.389E+01
TOTDECAY	.999E+09	<.644E+02	<.371E+01	<.441E+00	<.308E-01	<.105E+01	<.181E+00	<.561E+01
MONTHLY MAXIMUM CONC		(UCI/ML) MAY .264E-08	(UCI/ML) AUG .187E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) AUG <.354E-08
AVERAGE CONC		<.373E-09	<.109E-06					<.340E-08

TABLE 32

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 1973 AT
 DISPOSAL SITE 216-U-10 DITCH
 WASTE STREAM DESCRIPTION- 231-Z COOLING WATER (7-19 DITCH FROM JANUARY 1972 TO DATE)

1973	VOLUME (L)	PU (GM)	PETA (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	.224E+08	<.311E-03	<.153E-02					
AUG	.224E+08	.345E-03	<.994E-03					
SEP	.222E+08	<.335E-02	<.138E-02					
OCT								
NOV								
DEC								
ADJ								
73 SUM	.196E+09	<.308E-01	<.216E-01					
PRE SUM	.293E+09	<.175E+00	<.733E-01					
TOT SUM	.489E+09	<.205E+00	<.949E-01					
73 DECAY	.196E+09	<.308E-01	<.133E-01					
PREDECAY	.293E+09	<.175E+00	<.223E-01					
TOTDECAY	.489E+09	<.205E+00	<.356E-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		<.965E-08	<.110E-06					

TABLE 33

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 9/30 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	.130E+01	<.105E+00					
JUL	.330E+08	<.222E+00	<.854E-01					
AUG	.309E+08	<.312E+00	<.774E-01					
SEP	.386E+08	<.802E+00	<.103E+00					
OCT								
NOV								
DEC								
ADJ								
73 SUM	.264E+09	<.791E+01	<.546E+00					
PRE SUM	.245E+10	<.872E+02	<.556E+02	<.222E+01				
TOT SUM	.272E+10	<.951E+02	<.561E+02	<.222E+01				
73 DECAY	.264E+09	<.791E+01	<.393E+00					
PREDECAY	.245E+10	<.872E+02	<.792E+01	<.200E+01				
TOTDECAY	.272E+10	<.951E+02	<.831E+01	<.200E+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		<.184E-05	<.207E-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 NTSICK, 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.