Atlantic Richfield Hanford Company
Richland, Washington 99352

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RADIOACTIVE LIQUID WASTES DISCHARGED
TO GROUND IN THE 200 AREAS DURING FIRST HALF 1974

Waste Handling and Plutonium Finishing Process Engineering
Operations Technical Support Department
Production and Waste Management Division

October 31, 1974

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

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ARH-3093 2Q

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INTRODUCTION

This document is issued quarterly for the purpose of summarizing the radioactive liquid wastes that have been discharged to ground in the 200 Areas. In addition to data for the first half of 1974, cumulative data since plant startup are presented. Also in this document is a listing of decayed activity to the various plant sites.

DISCUSSION

An overall summary is presented on page 1 giving the radioactive liquid wastes discharged to ground during the first half of 1974 and since startup (for both total and decayed depositions) within the Production 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 data in Table 1 contains an estimate of the radioactivity discharged to individual ponds, cribs, and specific retention sites within the Production and Waste Management Division during the first half of 1974 and from startup through June 30, 1974; an estimate of the decayed

activities from startup through June 30, 1974; 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 June 30, 1974 are based upon Item 4 of the Bibliography. The volume of liquid discharged to the ponds also includes major nonradioactive streams.

The wastes discharged during the first half of 1974 to each active disposal site are detailed on a month-to-month basis in Tables 2 through 29, 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 found in these tables. This places all of the data on each active disposal site in one table.

The data in this report supersedes that contained in the first quarter report (ARH-3093 1Q).

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

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

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

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 06/30 1974	TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME (L)	.659 E+10	.122 E+09		.671 E+10
PU (GM)	<.242 E+01	.872 E+00		<.299 E+01
BETA (CI)	<.126 E+01	.211 E+02		.224 E+02
SR-90 (CI)	<.239 E-01	.495 E+01		.497 E+01
RU-106 (CI)	<.107 E-01	<.998 E+00		<.101 E+01
CS-137 (CI)	<.391 E-02	.264 E+01		.265 E+01
CO-60 (CI)	<.225 E-02	<.720 E-01		<.743 E-01
U (KGM)	<.477 E+02	<.231 E+01		<.500 E+02
U-233 (GM)				

THROUGH 06/30 1974 (FROM START-UP)

VOLUME (L)	.487 E+12	.277 E+11	.185 E+09	.512 E+12
PU (GM)	.917 E+04	.930 E+05	.898 E+05	.192 E+06
BETA (CI)	.259 E+00	.298 E+07	.105 E+07	.429 E+07
SR-90 (CI)	.176 E+04	.319 E+05	.118 E+05	.414 E+05
RU-106 (CI)	<.377 E+04	.253 E+06	.301 E+06	.558 E+06
CS-137 (CI)	.630 E+03	.177 E+05	.322 E+05	.500 E+05
CO-60 (CI)	<.79 E+02	<.528 E+03	.144 E+03	<.751 E+03
U (KGM)	<.66 E+04	.638 E+05	.480 E+05	.118 E+06
U-233 (GM)	<.489 E+03	.479 E+03		<.967 E+03

DECAYED THROUGH 06/30 1974 (FROM START UP)

VOLUME (L)	.487 E+12	.277 E+11	.185 E+09	.512 E+12
PU (GM)	.917 E+04	.930 E+05	.898 E+05	.192 E+06
BETA (CI)	.493 E+04	.728 E+05	.578 E+05	.136 E+06
SR-90 (CI)	.149 E+04	.204 E+05	.782 E+04	.297 E+05
RU-106 (CI)	<.12 E+02	.855 E+03	.107 E+03	.972 E+03
CS-137 (CI)	.500 E+03	.12 E+05	.210 E+05	.343 E+05
CO-60 (CI)	<.348 E+02	<.130 E+03	.105 E+02	<.151 E+03
U (KGM)	<.66 E+04	.638 E+05	.430 E+05	.115 E+06
U-233 (GM)	<.489 E+03	.479 E+03		<.967 E+03

200 EAST AREA

SUMMARY

PAGE: 2

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 06/30 1974	TO PONDS AND DITCHES	TO CRIBS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME (L)	321 ± 10	649 ± 08		327 ± 10
PU (GM)	< 380 ± 00	116 ± 00		< 496 ± 00
BETA (CI)	< 647 ± 00	201 ± 02		207 ± 02
SR-90 (CI)	< 239 ± 01	491 ± 01		494 ± 01
RU-106 (CI)	< 107 ± 01	< 910 ± 00		< 921 ± 00
CS-137 (CI)	< 391 ± 02	225 ± 01		225 ± 01
CO-60 (CI)	< 22 ± 02	< 591 ± 01		< 614 ± 01
U (KGM)	< 228 ± 02	< 183 ± 01		< 247 ± 02
U-233 (GM)				

THROUGH 06/30 1974 (FROM START-UP)

VOLUME (L)	267 ± 12	162 ± 11	103E+09	293E+12
PU (GM)	< 552 ± 03	105 ± 05	437E+03	116E+03
BETA (CI)	222E+00	170 ± 07	150E+07	302E+07
SR-90 (CI)	159E+04	226E+03	110E+02	317 ± 01
RU-106 (CI)	< 306E+04	237 ± 06	301E+06	541E+06
CS-137 (CI)	10E+03	105 ± 05	17E+05	208E+05
CO-60 (CI)	< 41E+02	< 430 ± 03	115 ± 03	< 610 ± 03
U (KGM)	< 104E+04	277 ± 05	407E+02	755E+05
U-233 (GM)	< 489E+03	479 ± 03		< 907E+03

DECAYED THROUGH 06/30 1974 (FROM START UP)

VOLUME (L)	267 ± 12	162 ± 11	103E+09	293E+12
PU (GM)	< 552 ± 03	105 ± 05	437E+03	116E+03
BETA (CI)	222E+00	170 ± 07	150E+07	302E+07
SR-90 (CI)	139E+04	122E+03	707E+04	432E+04
RU-106 (CI)	< 119E+02	524 ± 03	106E+03	542E+03
CS-137 (CI)	10E+03	71 ± 02	10E+03	11 ± 01
CO-60 (CI)	< 23E+02	< 10E+03	11E+02	< 10E+03
U (KGM)	< 104E+04	277 ± 05	407E+02	755E+05
U-233 (GM)	< 489E+03	479 ± 03		< 907E+03

THE RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND WERE

FROM 1/1 TO 06/30 1974		TO PONDS AND DITCHES	TO CRIS	TO SPECIFIC RETENTION SITES	TOTAL
VOLUME	(L)	.334E+10	.570E+08		.345E+10
PL	(GM)	<.203E+01	.456E+00		<.249E+01
BETA	(CI)	<.011E+00	.106E+01		<.107E+01
SR-90	(CI)		.330E-01		.330E-01
RU-106	(CI)		<.892E-01		<.832E-01
CS-137	(CI)		.392E+00		.392E+00
CO-60	(CI)		<.129E-01		<.129E-01
U	(KGM)	<.249E+02	<.481E+00		<.254E+02
U-233	(GM)				

THROUGH 06/30 1974 (FROM START-UP)

VOLUME	(L)	.220E+12	.115E+11	.828E+08	.231E+12
PL	(GM)	.851E+04	.825E+03	.894E+05	.130E+06
BETA	(CI)	.039E+04	.122E+07	.770E+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	<.14E+03
U	(KGM)	<.561E+04	.361E+03	.129E+04	.430E+04
U-233	(GM)				

DECAYED THROUGH 06/30 1974 (FROM START UP)

VOLUME	(L)	.220E+12	.115E+11	.828E+08	.231E+12
PL	(GM)	.851E+04	.825E+03	.894E+05	.130E+06
BETA	(CI)	.039E+03	.241E+05	.213E+05	.478E+05
SR-90	(CI)	<.11E+03	.020E+04	.145E+03	.040E+04
RU-106	(CI)	<.5E+00	.318E+02	.000E+00	.329E+02
CS-137	(CI)	<.36E+02	.501E+04	.130E+05	.15E+05
CO-60	(CI)	<.3E+01	<.27E+02	.219E+01	<.31E+02
U	(KGM)	<.61E+04	.361E+03	.129E+04	.430E+04
U-233	(GM)				

TABLE 1-A

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SUMMARY OF CURRENT, TOTAL, & DELAY D ACTIVITY DISCHARGED TO FUND AND JILUES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	3EIA (CI)	SR-90 (CI)	RU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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21c-S-10

REDUX CHEM SEWER DITCH. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE
MAY 1954. APPROXIMATE COORDINATES: N-33800, W-75421 (HEAD) TO N-32322,
W-77100. REFERENCE DRAWINGS: H-2-32525.

1974 SUM

TOT SUM

TOTOCAY

.201E+00	<.100E+00	.250E+02	.100E+01	.100E+02	.100E+01	.227E+01
.201E+00	<.100E+00	.250E+01	.612E+00	.102E+04	.631E+00	.227E+01

21c-S-11

REDUX CHEM SEWER DITCH. PLACED IN USE MAY 1954 AND IS STILL ACTIVE.
APPROXIMATE COORDINATES: N-32690, W-77070, N-31700, W-76640.
REFERENCE DRAWINGS: H-2-5952, H-2-2430.

1974 SUM

TOT SUM

TOTOCAY

.937E+00	.193E+02	.132E+02	.111E+03	.101E+02	.111E+01	<.997E+10
.332E+10	<.230E+00	.111E+03	.111E+03	.101E+02	.111E+01	<.280E+02
.332E+10	<.230E+00	.337E+01	<.809E+00	<.725E+02	<.825E+00	<.529E+01

21c-S-16

REDUX FOND NO.2. PLACED IN USE JAN 1957 AND IS INACTIVE. APPROXIMATE
COORDINATES: N-31633, W-31100 TO N-32920, W-32100 TO N-32920, W-30900 TO
N-31600, W-60900. REFERENCE DRAWINGS: H-2-30204.

1974 SUM

TOT SUM

TOTOCAY

.477E+11	.368E+03	.176E+04	<.915E+02	.218E+03	.584E+02	<.590E+01
.477E+11	.368E+03	.220E+03	<.673E+02	.331E+00	.436E+02	<.25E+01

21c-S-17

REDUX FOND NO.1. PLACED IN USE NOV 1951 AND REMOVED FROM SERVICE APR 1954.
APPROXIMATE COORDINATES: N-31630, W-77300 TO N-31180, W-7938 TO N-31635,
W-72735 TO N-32900, W-78200 TO N-32900, W-77300. REFERENCE DRAWINGS:
H-2-2594.

1974 SUM

TOT SUM

TOTOCAY

.043E+10	.300E+01	.110E+03	.460E+02	.200E+02	.300E+02	.136E+03
.043E+10	.300E+01	.853E+02	.237E+02	.230E+01	.13E+02	.136E+03

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 06/30/1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	KU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
222-S LAB POND. PLACED IN USE FEB 1972 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-32200, W-72310, N-31800, W-72050. REFERENCE DRAWINGS: H-2-34762.									
1974 SUM	.170E+05	.649E-02	<.136E-02						<.174E+00
TOT SUM	.745E+09	.205E+02	.325E+03	<.246E+01	<.632E+01	<.227E+01	<.563E+00		<.138E+03
TOTDECAY	.745E+09	.205E+02	.960E+01	<.194E+01	<.239E-01	<.144E+01	<.200E+00		<.138E+03
221-T (HEAD END) DITCH. PLACED IN USE NOV 1974 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-4455, W-73050 (HEAD) TO N-44570, W-73050 TO N-44955, W-73000 (TERMINUS). REFERENCE DRAWINGS: H-2-5101, M-256-SHT11.									
1974 SUM	.178E+09	<.100E+00	.500E+01	<.100E+00	.130E+01	<.100E+00			.450E+01
TOT SUM	.178E+09	<.100E+00	.217E+00	<.541E-01	.324E-07	<.563E-01			.450E+01
TOTDECAY									
T PLANT POND. PLACED IN USE NOV 1974 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-44000, W-75630 TO N-46150, W-76970 TO N-46150, W-77150 TO N-44900, W-77150. REFERENCE DRAWINGS: H-2-2430, H-2-578.									
1974 SUM	.775E+03	<.124E-02	.881E-02						<.640E+00
TOT SUM	.419E+11	<.367E+01	.500E+03	<.617E+01	.130E+03	.109E+02	<.336E+01		<.691E+03
TOTDECAY	.419E+11	<.367E+01	.297E+02	<.592E+01	<.641E-01	.900E+01	<.111E+01		<.691E+03
U POND OVERFLOW DITCH. PLACED IN USE MAR 1972 AND REMOVED FROM SERVICE APR 1974. APPROXIMATE COORDINATES: N-37500, W-78050 (HEAD) TO N-35900, W-77900 (TERMINUS). REFERENCE DRAWINGS: H-2-2430.									
216-U-9									
U POND AND DITCHES. PLACED IN USE NOV 1974 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-37230, W-8015, N-35800, W-77000. REFERENCE DRAWINGS: H-2-2430, SK-2-1588.									
216-U-10									
1974 SUM	.320E+10	<.202E+01	<.599E+00						<.231E+02
TOT SUM	.125E+12	.241E+01	.305E+00	<.220E+02	.309E+03	<.177E+02	<.43E+01		.146E+04
TOTDECAY	.125E+12	.811E+00	.030E+02	<.178E+02	<.115E+01	<.113E+02	<.17E+01		.146E+04

TABLE 1-A

PAGE 8

SUMMARY OF CURRENT, TOTAL, & DELAYED ACTIVITY DISCHARGED TO PONDS AND DITCHES
WITHIN THE CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PL (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-U-11	U POND OVERFLOW POND. PLACED IN USE MAR 1972 AND IS NOT USED.								
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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CLASS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30 1974

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-A-3

203-A SILICA GEL WASTES. PLACED IN USE FEB 1956 AND IS INACTIVE.
APPROXIMATE COORDINATES: N-4830, W-4830. REFERENCE DRAWINGS H-2-560-9.

1974 SUM

TOT SUM	.280E+07	.200E+00	.882E+03	.100E+00	.350E+03	<.100E+00	<.100E+00	.158E+04
TOT DECAY	.280E+07	.200E+00	.882E+03	.100E+00	.350E+03	<.100E+00	<.100E+00	.158E+04

216-A-4

LAB AND STACK DRAIN. PLACED IN USE DEC 1955 AND REMOVED FROM SERVICE
DEC 1955. APPROXIMATE COORDINATES: N-39515, W-48103. REFERENCE DRAWINGS:
H-2-560-9.

1974 SUM

TOT SUM	.621E+07	.140E+03	.864E+03	.100E+02	.400E+03	.150E+02	.130E+01	.399E+03
TOT DECAY	.621E+07	.140E+03	.864E+03	.100E+02	.400E+03	.150E+02	.130E+01	.399E+03

216-A-5

PROCESS COND. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE OCT 1956.
APPROXIMATE COORDINATES: N-39510, W-48750. REFERENCE DRAWINGS: H-2-560-0.

1974 SUM

TOT SUM	.163E+10	.650E+02	.341E+03	.900E+02	.100E+03	.250E+02	.110E+03	.263E+03
TOT DECAY	.163E+10	.650E+02	.341E+03	.900E+02	.100E+03	.250E+02	.110E+03	.263E+03

216-A-6

PUREX ST-AM COND. PLACED IN USE NOV 1955 AND REMOVED FROM SERVICE
JAN 1970. APPROXIMATE COORDINATES: N-39880, W-47000. REFERENCE DRAWINGS:
H-2-560-15.

1974 SUM

TOT SUM	.340E+10	<.350E+02	.760E+05	.911E+02	.223E+03	.211E+03	.130E+01	<.165E+03
TOT DECAY	.340E+10	<.350E+02	.760E+05	.911E+02	.223E+03	.211E+03	.130E+01	<.165E+03

TABLE 1-B

PAGE 10

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO GROUND WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-93 (CI)	KU-106 (CI)	CS-137 (CI)	CO-60 (CI)	J (KGM)	U-233 (GM)
216-A-7 2-1-A-1-2 BOX DRAIN. PLACED IN USE NOV 1955. AND REMOVED FROM SERVICE NOV 1960. APPROXIMATE COORDINATES: N-1233, W-47233. REFERENCE DRAWINGS: M-2-56016, M-2-55951.									
1974 SUM									
TOT SUM	.32E+00	.100E+01	.800E+02	.100E+01	.330E+02	.500E+01	.100E+00	.000E+00	
TOTDECAY	.326E+00	.100E+01	.734E+01	.643E+00	.815E+02	.330E+01	.932E+02	.030E+01	
216-A-8 LAKE FARM CONDENSATE. PLACED IN USE NOV 1955 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-41612, W-673- TO N-1779, W-54870. REFERENCE DRAWINGS: M-2-56157, M-2-56158.									
1974 SUM	.700E+07	.0E+00	.380E+01	.329E+00	.74E+30	.697E+00	.137E+01	.848E+01	
TOT SUM	.11E+10	.00E+02	.113E+05	.112E+03	.94E+03	.100E+04	.163E+01	.308E+03	
TOTDECAY	.11E+10	.000E+02	.104E+04	.700E+02	.321E+01	.758E+03	.306E+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-1100, W-48355 TO N-1237, W-48052. REFERENCE DRAWINGS: M-2-55577, M-2-55578, M-2-5579.									
1974 SUM	.931E+09	.000E+01	.199E+03	.250E+02	.503E+02	.106E+02	.140E+02	.227E+00	
TOT SUM	.931E+09	.000E+00	.0E+00	.160E+02	.239E+02	.070E+01	.200E+01	.227E+00	
216-A-10 FURX PROCESS COND. PLACED IN USE MAR 1956 AND IS INACTIVE. APPROXIMATE COORDINATES: N-39030, W-48952 TO N-39370, W-48952. REFERENCE DRAWINGS: M-2-55575, M-2-55578, M-2-55131.									
1974 SUM	.237E+10	.343E+03	.000E+00	.147E+03	.727E+04	.134E+03	.175E+03	.200E+03	.277E+03
TOTDECAY	.237E+10	.343E+03	.215E+00	.123E+03	.807E+02	.110E+03	.453E+02	.204E+03	.277E+03

SUMMARY OF CURRENT, TOTAL, & DECAY-D ACTIVITY DISCHARGED TO C-13S WITHIN THE CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	U (KGM)	U-233 (GM)
216-A-21	MYCNIA SCRUBBER AND LAB WASTES. PLACED IN USE OCT 1957 AND REMOVED FROM SERVICE JUN 1967. APPROXIMATE COORDINATES: N-33300, W-48100. REFERENCE DRAWINGS: H-2-57042, H-2-57032.							
1974 SUM								
TOT SUM	.773E+09	.153E+03	.290E+04	.150E+02	.200E+03	.150E+03	.100E+02	.195E+03
TOTDECAY	.778E+09	.150E+03	.253E+03	.112E+02	.177E+00	.114E+03	.215E+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-5323 TO N-42494, W-46934. REFERENCE DRAWINGS: H-2-56977, H-2-56978.							
1974 SUM								
TOT SUM	.820E+09	<.506E+01	.498E+04	.394E+02	.438E+03	.549E+03	.700E+00	.501E+02
TOTDECAY	.820E+09	<.506E+01	.804E+03	.273E+02	.978E-01	.390E+03	.990E-01	.531E+02
216-A-27	LA3, SCRUBBER AND STACK DRAIN. PLACED IN USE JUN 1965 AND REMOVED FROM SERVICE JUL 1970. APPROXIMATE COORDINATES: N-39100, W-48119 TO N-39103, W-48319. REFERENCE DRAWINGS: H-2-57509, H-2-57508.							
1974 SUM								
TOT SUM	.232E+08	.965E+02	.269E+04	.413E+02	.632E+02	.526E+02	<.207E+01	.680E+02
TOTDECAY	.232E+08	.900E+02	.235E+03	.365E+02	.132E+01	.470E+02	<.137E+01	.680E+02
216-A-28	203-A AND UNH TANK WASTES. PLACED IN USE DEC 1956 AND REMOVED FROM SERVICE NOV 1967. APPROXIMATE COORDINATES: N-40322, W-48292. REFERENCE DRAWINGS: H-2-57217.							
1974 SUM								
TOT SUM	.300E+03		.310E+02					.632E+03
TOTDECAY	.300E+03		.773E-01					.632E+03

TABLE 1-B

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SUMMARY OF CURRENT, TOTAL, & DAILY-E ACTIVITY DISCHARGED TO LAIRS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 30/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	-U-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG)	U-233 (GM)
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210-A-30 PUREX STEAM COND. PLACED IN USE JAN 1961 AND IS INACTIVE. APPROXIMATE
COORDINATES: N-39150, W-4990 TO N-3973, W-4920. REFERENCE DRAWINGS:
H-2-57729, H-2-57719.

1974 SUM

TOT SUM

TOTDECAY

.350E+10	<.722E+02	.344E+04	.107E+03	.190E+03	.220E+03	.100E+02	<.403E+02	<.7+8E+01
.350E+10	<.722E+02	.032E+03	.121E+03	.509E+01	.109E+03	.397E+01	<.408E+02	<.7+8E+01

210-A-36B

AMMONIA SCRUBBER WASTES. PLACED IN USE MAR 1960 AND IS INACTIVE.
APPROXIMATE COORDINATES: N-38530, W-4852. TO N-39000, W-4852. REFERENCE
DRAWINGS: H-2-980, H-2-59123.

1974 SUM

TOT SUM

TOTDECAY

.940E+08	<.177E+03	.475E+05	.540E+03	.623E+04	<.51E+02	.119E+03	.256E+02
.940E+08	<.177E+03	.478E+04	.490E+03	.721E+03	<.107E+03	<.312E+02	.119E+03

210-A-37

STEAM COND. NOT USED. APPROXIMATE COORDINATES: N-39800, W-49816 TO
N-40157, W-49449. REFERENCE DRAWINGS: H-2-57719, H-2-52876, H-2-57726,
H-2-62877.

210-A-38

PROCESS COND. NOT USED. APPROXIMATE COORDINATES: N-38971, W-49352 TO
N-39-71, W-49352. REFERENCE DRAWINGS: H-2-52876, H-2-62875, H-2-62877.

210-B-5

221-B AND 5-C WASTES. PLACED IN USE APR 19-5 AND REMOVED FROM SERVICE
OCT 19-7. APPROXIMATE COORDINATES: N-43400, W-52800. REFERENCE DRAWINGS:
H-2-1031, H-2-1123.

1974 SUM

TOT SUM

TOTDECAY

.300E+08	.423E+04	.330E+04	.740E+02	.153E+03	.847E+02		
.306E+08	.428E+04	.159E+03	.380E+02	.755E+00	.424E+02		

SUMMARY OF CURRENT, TOTAL, & DECAY D ACTIVITY DISCHARGED TO CFI83 WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30 1974

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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210-8-7

224-3 WASTES AND 5-6 CELL DRAIN AND 221-8 CONSTRUCTION WASTE WATER. PLACED
IN USE OCT 1946 AND REMOVED FROM SERVICE MAY 1967. APPROXIMATE
COORDINATES: N-45602, W-52704 TO N-45648, W-52790. REFERENCE DRAWINGS:
H-2-558, H-2-579.

1974 SUM

TOT SUM

TOTDECAY

.43E+03	.430E+04	.2+2E+05	.500E+04	.000E+03	.100E+03	.100E+01	.102E+03
.436E+03	.430E+04	.070E+04	.329E+04	.208E-03	.627E+02	.552E-01	.182E+03

210-3-9

224-3, 5-6 AND 2ND CYCLE WASTES. PLACED IN USE MAR 1948 AND REMOVED FROM
SERVICE JUL 1963. APPROXIMATE COORDINATES: N-45880, W-52840. REFERENCE
DRAWINGS: H-2-579, H-2-730.

1974 SUM

TOT SUM

TOTDECAY

.272E+03	.300E+02	.710E+03	.150E+02	.500E+02	.500E+02	.100E+01	.454E+02
.272E+03	.300E+02	.721E+02	.832E+01	.527E-05	.288E+02	.429E-01	.454E+02

210-3-9

5-6 AND 2ND CYCLE WASTES. PLACED IN USE AUG 1949 AND REMOVED FROM SERVICE
JUL 1961. APPROXIMATE COORDINATES: N-43707, W-52017. REFERENCE DRAWINGS:
H-2-1031, H-2-1123.

1974 SUM

TOT SUM

TOTDECAY

.350E+03	.17+2E+03	.730E+04	.150E+02	.100E+02	.100E+02	.100E+00	.45+2E+02
.350E+03	.17+2E+03	.730E+02	.523E+01	.597E-05	.570E+01	.409E-02	.45+2E+02

210-3-10

222-9 AND 292-8 WASTES. PLACED IN USE JUL 1949 AND REMOVED FROM SERVICE IN
JAN 1962. APPROXIMATE COORDINATES: N-42100, W-53803. REFERENCE DRAWINGS:
H-2-1043, H-2-1722.

1974 SUM

TOT SUM

TOTDECAY

.999E+07	.980E+01	.650E+02	.500E+01	.190E+02	.100E+01	.100E+00	.907E+01
.999E+07	.997E+01	.675E+01	.241E+01	.110E-05	.582E+03	.454E-02	.907E+01

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO WABIS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (G4)	B-TA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CC-63 (CI)	U (N-M)	U-233 (G4)
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21t-B-10B

3 PLANT R-13 WASTE. PLACED IN USE JUN 1959 AND REMOVED FROM SERVICE OCT 1973. APPROXIMATE COORDINATES: N-4219, W-53943. REFERENCE DRAWINGS: H-2-32522, H-2-1649.

1974 SUM

TOT SUM

TOTDECAY

.280E+03	<.47E+04	.175E+02	<.331E+03	<.109E+05	<.111E+03	<.780E+00	<.746E+03
.280E+03	<.47E+04	.959E+03	<.295E+03	<.214E+06	<.102E+03	<.997E+00	<.746E+03

21t-B-11

2-2-B COND. PLACED IN USE JUL 1952 AND REMOVED FROM SERVICE OCT 1954. APPROXIMATE COORDINATES: N-45674, W-52019 TO N-45734, W-52013. REFERENCE DRAWINGS: H-2-2024, H-2-2021.

1974 SUM

TOT SUM

TOTDECAY

.296E+04	.400E+01	.211E+03	.500E+01	.500E+02	.500E+02	.100E+00	.130E+02
.296E+04	.400E+01	.055E+02	.300E+01	.314E+04	.310E+02	.554E+02	.136E+02

21t-B-12

U PLANT COND. AND B PLANT COND. PLACED IN USE NOV 1952 AND REMOVED FROM SERVICE NOV 1973. APPROXIMATE COORDINATES: N-42972, W-55000 TO N-43133, W-55000. REFERENCE DRAWINGS: H-2-43029, H-2-43027, H-2-43028, H-2-43030.

1974 SUM

TOT SUM

TOTDECAY

.520E+09	.374E+03	.112E+05	<.153E+03	.311E+03	.120E+04	<.173E+01	.209E+05
.520E+09	.374E+03	.239E+07	<.118E+03	<.430E+01	.194E+04	<.100E+01	.209E+05

21t-B-14

U PLANT SCAVENGED WASTE. PLACED IN USE JAN 1950 AND REMOVED FROM SERVICE FEB 1950. APPROXIMATE COORDINATES: N-35855, W-53309. REFERENCE DRAWINGS: H-2-2903, H-2-2907.

1974 SUM

TOT SUM

TOTDECAY

.871E+07	.250E+02	.140E+06	.500E+03	.590E+05	.270E+03	.500E+01	.218E+03
.871E+07	.250E+02	.853E+03	.227E+03	.239E+03	.100E+03	.500E+03	.218E+03

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 05/30 1974

DISPOSAL SITE	VOLUME (L)	FU (GM)	BETA (CI)	SR-90 (CI)	U-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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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.

1974 SUM

TOT SUM

TOTDECAY

.632E+07	.500E+01	.690E+05	.200E+03	.220E+05	.200E+03	.500E+01	.10E+03
.632E+07	.500E+01	.545E+03	.130E+03	.107E+00	.134E+03	.494E+00	.10E+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.

1974 SUM

TOT SUM

TOTDECAY

.860E+07	.100E+02	.540E+05	.700E+03	.130E+05	.650E+03	.500E+01	.322E+03
.860E+07	.100E+02	.175E+04	.450E+03	.527E-01	.430E+03	.466E+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.

1974 SUM

TOT SUM

TOTDECAY

.341E+07	.100E+02	.200E+04	.160E+03	.250E+03	.220E+03	.100E+01	.354E+03
.341E+07	.100E+02	.486E+03	.103E+03	.101E-02	.145E+03	.932E-01	.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-53409. REFERENCE DRAWINGS:
H-2-2900, H-2-2907.

1974 SUM

TOT SUM

TOTDECAY

.852E+07	.100E+02	.510E+05	.190E+03	.190E+05	.250E+03	.500E+01	.236E+03
.852E+07	.100E+02	.574E+03	.122E+03	.771E-01	.165E+03	.466E+00	.236E+03

TABLE 1-B

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO AIRS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-100 (CI)	CS-137 (CI)	CC-60 (CI)	J (KGM)	U-233 (GM)
16-9-19 U PLANT AND TANK FLYM SCAVENGED WASTE. PLACED IN USE FEB 1957 AND REMOVED FROM SERVICE OCT 1957. APPROXIMATE COORDINATES: N-35697, W-53607. REFERENCE DRAWINGS: H-2-2900, H-2-2937.									
1974 SUM									
TOT SUM	.540E+07	.100E+02	.112E+05	.200E+03	.510E+04	.270E+03	.500E+01	.181E+03	
TOTDECAY	.640E+07	.130E+02	.615E+03	.132E+03	.412E-01	.183E+03	.532E+03	.161E+03	
216-3-43 U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE NOV 1954. APPROXIMATE COORDINATES: N-45332, W-53355. REFERENCE DRAWINGS: H-2-2603, H-2-2605.									
1974 SUM									
TOT SUM	.212E+07	.200E+00	.352E+04	.140E+04	.500E+02	.300E+03	.100E+01	.136E+02	
TOTDECAY	.212E+07	.500E+00	.208E+04	.850E+03	.510E-04	.189E+03	.710E-01	.136E+02	
216-8-44 U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE MAR 1955. APPROXIMATE COORDINATES: N-45417, W-53355. REFERENCE DRAWINGS: H-2-2603, H-2-2605.									
1974 SUM									
TOT SUM	.560E+07	.150E+02	.220E+05	.290E+04	.550E+04	.700E+03	.500E+01	.227E+01	
TOTDECAY	.560E+07	.150E+02	.443E+04	.178E+04	.13E-01	.449E+03	.380E+03	.227E+01	
216-9-45 U PLANT SCAVENGED WASTE. PLACED IN USE APR 1955 AND REMOVED FROM SERVICE JUN 1955. APPROXIMATE COORDINATES: N-45532, W-53355. REFERENCE DRAWINGS: H-2-2603, H-2-2605.									
1974 SUM									
TOT SUM	.492E+07	.100E+02	.530E+05	.280E+04	.170E+04	.150E+03	.500E+01	.630E+01	
TOTDECAY	.492E+07	.100E+02	.538E+04	.170E+04	.340E-01	.909E+03	.400E+00	.680E+01	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 30/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CU-137 (CI)	CO-60 (CI)	U (KCM)	U-233 (GM)
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216-3-42

U PLANT SCAVENGED WASTE. PLACED IN USE SEP 1953 AND REMOVED FROM SERVICE
DEC 1953. APPROXIMATE COORDINATES: N-4337, W-2333. REFERENCE DRAWINGS:
H-2-2603, H-2-2605.

1974 SUM

TOT SUM

TOTDECAY

.670E+07	.200E+02	.120E+06	.130E+04	.230E+05	.200E+03	.500E+01	.191E+03
.670E+07	.200E+02	.218E+04	.940E+03	.570E-01	.129E+03	.408E+00	.191E+03

216-3-47

U PLANT SCAVENGED WASTE. PLACED IN USE SEP 1953 AND REMOVED FROM SERVICE
SEP 1953. APPROXIMATE COORDINATES: N-46332, W-23499. REFERENCE DRAWINGS:
H-2-2603, H-2-2605.

1974 SUM

TOT SUM

TOTDECAY

.371E+07	.500E+01	.420E+03	.620E+03	.130E+05	.150E+03	.100E+01	.680E+01
.371E+07	.500E+01	.968E+03	.389E+03	.367E-01	.909E+02	.817E-01	.680E+01

216-8-43

U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1953 AND REMOVED FROM SERVICE
NOV 1953. APPROXIMATE COORDINATES: N-45417, W-53499. REFERENCE DRAWINGS:
H-2-2603, H-2-2605.

1974 SUM

TOT SUM

TOTDECAY

.409E+07	.500E+01	.610E+05	.130E+04	.680E+04	.420E+03	.160E+01	.227E+01
.409E+07	.500E+01	.222E+04	.312E+03	.133E-01	.291E+03	.817E-01	.227E+01

216-3-43

U PLANT SCAVENGED WASTE. PLACED IN USE NOV 1953 AND REMOVED FROM SERVICE
DEC 1953. APPROXIMATE COORDINATES: N-45502, W-23499. REFERENCE DRAWINGS:
H-2-2603, H-2-2605.

1974 SUM

TOT SUM

TOTDECAY

.670E+07	.150E+02	.110E+06	.270E+04	.240E+05	.410E+03	.500E+01	.318E+03
.670E+07	.150E+02	.394E+04	.169E+04	.488E-01	.255E+03	.408E+00	.318E+03

TABLE 1-8

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO OXIDS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 09/30 1974

DISPOSAL SITE	VOLUME (L)	PC (GM)	SEIA (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-46567, W-53+99. REFERENCE DRAWINGS: H-2-2603, H-2-2605.								
1974 SUM	.225E+05	<.115E+04	.712E-03	.512E-05	.3+5E-04	.308E-03	<.216E-05	<.143E-03	
TOT SUM	.548E+08	<.239E+00	.241E+03	<.600E+01	.111E+02	.878E+02	<.331E+00	<.285E+00	
TOTDECAY	.548E+08	<.239E+00	.134E+03	<.505E+01	.738E-01	.7+4E+02	<.129E+00	<.285E+00	
216-B-55	3 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.								
1974 SUM	.487E+03	<.413E-02	.105E+02	.365E+01	<.871E-01	.568E+00	<.260E-01	<.308E+00	
TOT SUM	.651E+09	<.436E+00	.148E+03	<.109E+02	<.1+6E+01	.208E+02	<.352E+00	<.423E+01	
TOTDECAY	.651E+09	<.436E+00	.833E+02	<.102E+02	<.192E+00	.190E+02	<.187E+00	<.423E+01	
216-B-57	ITS-2 WASTE. PLACED IN USE FEB 1968 AND IS INACTIVE. APPROXIMATE COORDINATES: N-46160, W-53775 TO N-46360, W-53775. REFERENCE DRAWINGS: H-2-62+06.								
1974 SUM	.844E+08	<.187E+00	.838E+03	.315E+01	.871E+01	.371E+03	<.136E+00	<.890E+00	
TOT SUM	.844E+08	<.187E+00	.639E+03	.273E+01	<.332E+00	.328E+03	<.668E-01	<.890E+00	
TOTDECAY	.844E+08	<.187E+00	.639E+03	.273E+01	<.332E+00	.328E+03	<.668E-01	<.890E+00	
216-B-62	3 PLANT PROCESS COND. PLACED IN USE NOV 1973 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-43580, W-5499. TO N-43934, W-55349. REFERENCE DRAWINGS: H-2-34524, H-2-34525.								
1974 SUM	.855E+07	.459E-01	.566E+01	.934E+00	<.697E-01	.984E+00	<.194E-01	.143E+01	
TOT SUM	.105E+08	.467E-01	.760E+01	.125E+01	<.869E-01	.131E+01	<.202E-01	.1+5E+01	
TOTDECAY	.105E+08	.467E-01	.694E+01	.124E+01	<.718E-01	.130E+01	<.199E-01	.145E+01	

TABLE 1-B

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO UK135 WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 09/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	U-130 (CI)	CS-137 (CI)	CO-60 (CI)	J (KGM)	J-233 (GM)
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216-C-1 201-C PROCESS CONDENSATE. PLACED IN USE DEC 1952 AND REMOVED FROM SERVICE
JUN 1957. APPROXIMATE COORDINATES: N-42059, W-50390. REFERENCE DRAWINGS:
H-2-4037, H-2-32523.

1974 SUM	.234E+08	.800E+01	.110E+05	.200E+03	.400E+03	<.100E+00	<.100E+00	.295E+03
TOT SUM	.234E+08	.800E+01	.265E+03	.128E+03	.140E-02	<.601E-01	<.932E-02	.295E+03
TOTDECAY								

216-C-3 271-C CHEMICAL WASTE. PLACED IN USE JAN 1953 AND REMOVED FROM SERVICE.
MAR 1955. APPROXIMATE COORDINATES: N-42055, W-50390. REFERENCE DRAWINGS:
H-2-4037, H-2-32523.

1974 SUM	.500E+07	.100E+01	.200E+03	.200E+02	.100E+02	<.100E+00	<.100E+00	.454E+02
TOT SUM	.500E+07	.100E+01	.242E+02	.120E+02	.614E-05	<.017E-01	<.627E-02	.454E+02
TOTDECAY								

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.

1974 SUM	.379E+02	.100E+01	.940E+02	.100E+02	.200E+01	<.100E+00	<.100E+00	.544E+02
TOT SUM	.379E+02	.100E+01	.127E+02	.027E+01	.102E-01	<.646E-01	<.817E-02	.544E+02
TOTDECAY								

216-C-7 209-C CRITICAL MASS LAB. PLACED IN USE JAN 1961 AND IS STILL ACTIVE.
APPROXIMATE COORDINATES: N-42000, W-50072. REFERENCE DRAWINGS: H-2-44330,
H-2-32523.

1974 SUM	.414E+07	.201E+03	.200E+02	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00
TOT SUM	.555E+02	<.110E+01	.200E+02	.733E-03	.733E-03	<.777E-01	<.235E-01	<.100E+00
TOTDECAY	.555E+02	<.110E+01	.27E+00	<.70E-01	.733E-03	<.777E-01	<.235E-01	<.100E+00

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO SEABED WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30/1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BEA (CI)	SP-93 (CI)	CU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-C-10 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.

1974 SUM

TOT SUM	.897E+00	<.150E+00	.161E+03	.628E+02	.150E+01	<.150E+00	<.150E+00	<.454E-01	
TOTDECAY	.897E+00	<.150E+00	.163E+03	.51E+02	.652E-02	<.124E+00	<.514E-01	<.454E-01	

216-N-2 212-N BASIN AND SLUDGE CLEAN-OUT. PLACED IN USE MAR 1947 AND REMOVED FROM
SERVICE APR 1947. APPROXIMATE COORDINATES: N-55557, W-65788. REFERENCE
DRAWINGS: H-2-32524.

1974 SUM

TOT SUM	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00			
TOTDECAY	.757E+07		<.426E+00	<.102E+00	<.350E-03	<.114E+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-55555, W-65838. REFERENCE
DRAWING: H-2-32524.

1974 SUM

TOT SUM	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00			
TOTDECAY	.757E+07		<.482E+00	<.110E+00	<.110E-06	<.128E+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-63133 TO N-55418,
W-63220. REFERENCE DRAWINGS: H-2-32524.

1974 SUM

TOT SUM	.757E+07		<.100E+02	<.199E+00	<.428E+00	<.212E+00			
TOTDECAY	.757E+07		<.482E+00	<.110E+00	<.110E-06	<.128E+00			

TABLE 1-B

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SUMMARY OF CURRENT, TOTAL, & DRY D ACTIVITY DISCHARGED TO LKBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30/1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	CA-90 (CI)	U-100 (CI)	U-137 (CI)	U-235 (GM)	U-233 (GM)
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216-N-7

212-R BASIN AND SLUDGE CLEAN-OUT. PLACED IN USE MAY 1952 AND REMOVED FROM
SERVICE JUN 1952. APPROXIMATE COORDINATES: N-53399, W-60000 TO N-53392,
W-60605. REFERENCE DRAWINGS: H-2-32224.

1974 SUM

TOT SUM

TOTDECAY

<.100E+02 <.199E+00 <.428E+00 <.212E+00

<.932E+00 <.116E+00 <.113E-00 <.128E+00

216-S1 & 2

REDUX PROCESS CONDENSATE. PLACED IN USE JAN 1952 AND REMOVED FROM SERVICE
JAN 1950. APPROXIMATE COORDINATES: N-32413, W-75170 TO N-35444, W-75214.
REFERENCE DRAWINGS: H-2-1813, H-2-1774, H-2-1775.

1974 SUM

TOT SUM

TOTDECAY

<.160E+03 <.120E+04 <.730E+04 <.300E+04 <.300E+04 <.200E+04 <.100E+02 <.227E+04

<.150E+03 <.120E+04 <.733E+04 <.186E+04 <.400E-02 <.159E+04 <.764E+00 <.227E+04

216-S-3

241-S TK-101 AND 104 CONDENSATE. PLACED IN USE AUG 1953 AND REMOVED FROM
SERVICE AUG 1950. APPROXIMATE COORDINATES: N-30000, W-75000. REFERENCE
DRAWINGS: H-2-3957, H-2-1313.

1974 SUM

TOT SUM

TOTDECAY

<.420E+07 <.300E+00 <.270E+03 <.100E+01 <.500E+02 <.500E+02 <.100E+01 <.381E+00

<.200E+07 <.500E+00 <.020E+02 <.018E+00 <.800E-04 <.319E+02 <.758E-01 <.381E+00

216-S-5

STEAM CONDENSATE. PLACED IN USE MAR 1954 AND REMOVED FROM SERVICE
MAR 1957. APPROXIMATE COORDINATES: N-32700, W-77000. REFERENCE DRAWINGS:
H-2-5953, H-2-2222.

1974 SUM

TOT SUM

TOTDECAY

<.410E+10 <.580E+03 <.960E+03 <.130E+03 <.300E+02 <.600E+02 <.100E+00 <.272E+03

<.10E+10 <.580E+03 <.235E+03 <.807E+02 <.235E-04 <.334E+02 <.710E-12 <.272E+03

TABLE 1-B

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SUMMARY OF CURRENT, TOTAL, & DECAY ACTIVITY DISCHARGED TO GIB, WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30/197-

DISPOSAL SITE	WGLUVE (L)	PU (GM)	BETA (CI)	SK-00 (CI)	U-100 (CI)	U-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-S-6 REDOX STEAM CONDENSATE. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE
JUL 1972. APPROXIMATE COORDINATES: N-332.0, W-77050. REFERENCE DRAWINGS:
H-2-259, H-2-2595.

1974 SUM

TOT SUM

TOTDECAY

.447E+10	.573E+03	.525E+04	.412E+03	.133E+03	.212E+03	<.294E+01	<.272E+03
.447E+10	.473E+03	.955E+03	.304E+03	.430E+00	.167E+03	<.117E+01	<.272E+03

216-S-7 PROCESS COND. PLACED IN USE JAN 1950 AND REMOVED FROM SERVICE JUL 1963.
APPROXIMATE COORDINATES: N-351.2, W-74510. REFERENCE DRAWINGS: H-2-30135.

1974 SUM

TOT SUM

TOTDECAY

.390E+09	.440E+03	.281E+06	.310E+04	.150E+04	.147E+04	.250E+02	.259E+04
.390E+09	.440E+03	.653E+04	.207E+04	.960E-01	.102E+04	.295E+01	.259E+04

216-S-9 PROCESS COND. PLACED IN USE JUL 1963 AND REMOVED FROM SERVICE JAN 1969.
APPROXIMATE COORDINATES: N-361.0, W-74550. REFERENCE DRAWINGS: H-2-32303,
H-2-32302.

1974 SUM

TOT SUM

TOTDECAY

.503E+08	.650E+02	.162E+05	<.175E+03	.263E+04	.507E+03	<.25E+02	.339E+02
.503E+08	.650E+02	.126E+04	<.144E+03	.212E+02	.421E+03	<.987E+01	.339E+02

216-S-18 STEAM CLEAN. PIT. PLACED IN USE OCT 1954 AND REMOVED FROM SERVICE
OCT 1954. APPROXIMATE COORDINATES: N-362.0, W-74500. REFERENCE DRAWINGS:
H-2-2430, H-2-32525.

1974 SUM

TOT SUM

TOTDECAY

<.94E+00	<.100E+00	<.700E+00	<.150E+00	<.100E+00	<.100E+00	<.450E-01	<.450E-01
<.94E+00	<.100E+00	<.251E+00	<.612E-01	<.152E-00	<.631E-01	<.716E-02	<.450E-01

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	DELTA (CI)	U-235 (CI)	U-137 (CI)	CU-64 (CI)	U (GM)
216-S-22	222-S AND 300-A LAB WASTES. PLACED IN USE JAN 1962 AND REMOVED FROM SERVICE MAY 1973. APPROXIMATE COORDINATES: N-3-296, W-73337. REFERENCE DRAWINGS: H-2-5229, H-2-5224.						
1974 SUM	.135E+04	.171E+03	.7E2E+04	.4E1E+02	.130E+03	.110E+03	.1E1E+01
TOT SUM	.135E+04	.171E+03	.2+8E+03	.338E+02	.10E+01	.821E+02	.25E+00
TOT DECAY							.376E+02
216-S-21	241-SX COND. PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE FEB 1979. APPROXIMATE COORDINATES: N-3-920, W-70+00. REFERENCE DRAWINGS: H-2-39549, H-2-39574.						
1974 SUM	.871E+03	.208E+01	.127E+04	.4E29E+02	.4E3E+02	.1E2E+03	.4E1E+00
TOT SUM	.871E+03	.208E+01	.310E+03	.4E32E+02	.1E3E+00	.1E4E+03	.4E1E+01
TOT DECAY							
216-S-22	293-C CAUSTIC SUBSTRATE. PLACED IN USE OCT 1967 AND REMOVED FROM SERVICE DEC 1979. APPROXIMATE COORDINATES: N-3-33, W-73080 TO N-34533, W-73135. REFERENCE DRAWINGS: H-2-310-7.						
1974 SUM	.984E+03	.4E10E+00	.1E0E+02	.1E0E+01	.500E+01	.100E+01	.4E2E+01
TOT SUM	.984E+03	.4E10E+00	.2E1E+01	.4E6E+00	.1E1E+03	.4E9E+00	.4E2E+01
TOT DECAY							
216-S-23	REDOX PROCESS CONDENSATE. PLACED IN USE JAN 1969 AND REMOVED FROM SERVICE JUL 1972. APPROXIMATE COORDINATES: N-30009, W-7+70 TO N-37020, W-7+72. REFERENCE DRAWINGS: K-2-213-3, H-2-20111, H-2-20112.						
1974 SUM	.3E0E+03	.4E9E+00	.1E7E+03	.1E6E+01	.5E7E+02	.4E1E+01	.4E3E+00
TOT SUM	.3E0E+03	.4E9E+00	.2E8E+02	.1E7E+01	.2E5E+01	.4E9E+01	.4E3E+00
TOT DECAY							

TABLE 1-1

Page 2-

SUMMARY OF CURRENT, TOTAL, & DELAYED ACTIVITY DISCHARGED TO WASTES WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 06/30/1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	KU-10c (CI)	US-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
216-S-25	242-S PROCESS COND. PLACED IN USE NOV 13, 3 AND IS STILL ACTIVE. APPROXIMATE COORDINATES: N-32-20, W-7022, 10 N-3, 220, W-70853. REFERENCE DRAWINGS: H-2-46286, H-2-46291, H-2-46292.								
1974 SUM	.465E+03	.509E+03	.208E+03	.223E+02	.827E+01	.103E+01	.127E+01	.471E+00	
TOT SUM	.534E+03	.534E+03	.212E+03	.277E+02	.839E+01	.105E+01	.128E+01	.544E+00	
TOTDECAY	.534E+03	.534E+03	.198E+03	.275E+02	.777E+01	.104E+01	.127E+01	.544E+00	
216-T-3	224-T, 3 AND 6 WASTES. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE AUG 1946. APPROXIMATE COORDINATES: N-43315, W-74250. REFERENCE DRAWINGS: H-2-353, H-2-951.								
1974 SUM	.113E+08	.335E+04	.290E+04	.507E+02	.120E+03	.595E+02			
TOT SUM	.113E+08	.335E+04	.115E+03	.277E+02	.386E+06	.309E+02			
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-4331, W-74250. REFERENCE DRAWINGS: H-2-353, H-2-951.								
1974 SUM	.450E+03	.390E+03	.130E+03	.360E+03	.630E+03	.330E+03	.500E+01	.227E+02	
TOT SUM	.450E+03	.390E+03	.642E+03	.195E+03	.443E+03	.141E+03	.139E+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-74000 TO N-43285, W-76350. REFERENCE DRAWINGS: H-2-378, HW-72182 #1.								
1974 SUM	.110E+03	.130E+03	.310E+03	.600E+02	.100E+03	.560E+02	.100E+01	.910E+01	
TOT SUM	.110E+03	.130E+03	.132E+03	.3.8E+02	.77E+03	.307E+02	.648E+01	.910E+01	

TABLE 1-3

PAGE 2:

SUMMARY OF CURRENT, TOTAL, AND CAYED ACTIVITY DISCHARGE TO GROUND WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 05/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	CR-90 (CI)	U-100 (CI)	U-137 (CI)	U (KGM)	U-233 (GM)
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216-T-8 222-T LAB WASTES. PLACED IN USE MAY 1970 AND REMOVED FROM SERVICE
SEP 1971. APPROXIMATE COORDINATES: N-437-5, W-724-3. REFERENCE DRAWINGS:
H-2-353.

1974 SUM
TOT SUM
TOTD-CAY

.500E+00	.500E+00	.100E+01	.500E+01	.100E+01	.100E+01	.450E+01	
.500E+00	.500E+00	.228E+01	.501E+00	.493E+00	.502E+00	.450E+01	

216-T-19

222-T, 242-T, 250, SECOND CYCLE WASTE - VAF. PLACED IN USE SEP 1971 AND IS
STILL ACTIVE. APPROXIMATE COORDINATES: N-41270, W-75000. REFERENCE
DRAWINGS: H-2-360, H-2-3013.

1974 SUM
TOT SUM
TOTD-CAY

.869E+07	.822E+12	.822E+00	.303E+01	.57E+02	.302E+00	.202E+03	.107E+01
.130E+03	.13E+02	.474E+03	.620E+12	.110E+03	.370E+03	.100E+01	.97E+01
.430E+04	.143E+02	.569E+03	.40E+02	.17E+00	.2E+03	.118E+00	.97E+01

216-T-20

241-TX-15, DIVERSION BOX. PLACED IN USE NOV 1972 AND REMOVED FROM SERVICE
NOV 1972. APPROXIMATE COORDINATES: N-41350, W-7720. REFERENCE DRAWINGS:
H-2-4410 SHI-3.

1974 SUM
TOT SUM
TOTD-CAY

.185E+15	.500E+02	.994E+00	.21E+01	.106E+01	.500E+01		
.145E+03	.21E+01	.79E+00	.50E+00	.640E+00	.500E+01		

216-T-26

SCAVENGED WASTES. PLACED IN USE AUG 1955 AND REMOVED FROM SERVICE
NOV 1973. APPROXIMATE COORDINATES: N-42275, W-75330. REFERENCE DRAWINGS:
H-2-2773, H-2-2775.

1974 SUM
TOT SUM
TOTD-CAY

.120E+05	.590E+02	.290E+00	.070E+03	.20E+04	.170E+03	.100E+01	.100E+03
.120E+04	.590E+02	.157E+04	.420E+03	.53E+02	.110E+03	.100E+01	.100E+03

TABLE 1-8

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SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO DRBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 09/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	DELTA (CI)	SK-90 (CI)	RU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
210-T-27									
DECONTAMINATION, SCRAPE-GEO WASTE 300 AREA. PLACED IN USE SEP 1962 AND REMOVED FROM SERVICE NOV 1963. APPROXIMATE COORDINATES: N-2330, W-7330. REFERENCE DRAWINGS: H-2-2733, H-2-2735.									
1974 SUM									
TOT SUM	.719E+07	.130E+02	.300E+04	.140E+03	.10E+04	.100E+03	.100E+01	.726E+01	
TOTDECAY	.719E+07	.130E+02	.300E+03	.112E+03	.302E+01	.013E+02	.30E+00	.726E+01	
210-T-28									
DECONTAMINATION AND 300 AREA. PLACED IN USE FEB 1960 AND REMOVED FROM SERVICE DEC 1960. APPROXIMATE COORDINATES: N-4240, W-7330. REFERENCE DRAWINGS: H-2-2733, H-2-2735.									
1974 SUM									
TOT SUM	.423E+08	.700E+02	.585E+05	.200E+03	.100E+04	.300E+03	.500E+01	.391E+03	
TOTDECAY	.423E+08	.700E+02	.128E+04	.158E+03	.100E+01	.280E+03	.145E+01	.391E+03	
210-T-32									
22-T WASTES. PLACED IN USE NOV 1940 AND REMOVED FROM SERVICE MAY 1952. APPROXIMATE COORDINATES: N-43397, W-76058 TO N-4347, W-76000. REFERENCE DRAWINGS: H-2-255, H-2-578.									
1974 SUM									
TOT SUM	.250E+03	.320E+04	.150E+04	.300E+02	.500E+02	.250E+02	.100E+01	.227E+02	
TOTDECAY	.250E+03	.320E+04	.500E+02	.103E+02	.320E+01	.141E+02	.377E+01	.227E+02	
210-T-33									
2706-T BLDG. WASTES. PLACED IN USE JAN 1963 AND REMOVED FROM SERVICE FEB 1963. APPROXIMATE COORDINATES: N-77100, W-73600. REFERENCE DRAWINGS: H-2-32017, H-2-32040.									
1974 SUM									
TOT SUM	.190E+07	.500E+01	.500E+02	.500E+00	.100E+02	.500E+00	.100E+01	.454E+01	
TOTDECAY	.190E+07	.500E+01	.190E+01	.392E+00	.500E+02	.368E+00	.23E+00	.454E+01	

Summary of Current, Total, and Day-3 Activity Discharge to G-135 within the Chemical Separations Area Control Zone through 09/30/1974.

DISPOSAL SITE	VOLUME (L)	PUR (GM)	BETA (CI)	SR-90 (CI)	U-106 (CI)	CS-137 (CI)	U-233 (GM)
210-T-34							
300 AREA LAB WASTES. PLACED IN USE MAY 1960 AND REMOVED FROM SERVICE JAN 1967. APPROXIMATE COORDINATES: N-44200, W-73900. REFERENCE DRAWINGS: H-2-32649, H-2-32650.							
1974 SUM							
TOT SUM	.173E+04	.167E+03	.202E+03	.323E+03	.102E+03	.275E+03	.733E+01
TOTOCAY	.173E+06	.167E+03	.127E+04	.202E+03	.472E+00	.229E+03	.201E+01
							.412E+01
							.412E+01
216-T-35							
300 AREA LAB WASTES. PLACED IN USE MAR 1967 AND REMOVED FROM SERVICE JAN 1968. APPROXIMATE COORDINATES: N-44200, W-74270 TO N-44200, W-74270. REFERENCE DRAWINGS: H-2-33446, H-2-33447.							
1974 SUM							
TOT SUM	.572E+07	.002E+02	.929E+03	<.200E+02	.131E+03	.199E+02	.341E+01
TOTOCAY	.572E+07	.002E+02	.730E+02	<.170E+02	.137E+01	.169E+02	.136E+01
							.489E+02
210-T-36							
221-T GECON. FACILITY WASTE. PLACED IN USE MAY 1967 AND REMOVED FROM SERVICE FEB 1969. APPROXIMATE COORDINATES: N-43053, W-70000 TO N-43053, W-73150. REFERENCE DRAWINGS: H-2-33472.							
1974 SUM							
TOT SUM	.522E+06	.243E+01	.711E+03	.771E+01	.401E+02	.622E+01	<.214E+00
TOTOCAY	.522E+06	.243E+01	.340E+02	.649E+01	.339E+00	.512E+01	<.222E+00
							.118E+01
							.118E+01
210-U-112							
224-U, DECONTAMINATION WASTE. PLACED IN USE NOV 1961 AND REMOVED FROM SERVICE JUN 1967. APPROXIMATE COORDINATES: N-37800, W-74242 TO N-37800, W-74300. REFERENCE DRAWINGS: H-2-30061, H-2-32527.							
1974 SUM							
TOT SUM	.159E+08	.426E+02	.122E+04	.590E+01	.500E+03	.100E+02	<.100E+00
TOTOCAY	.159E+08	.426E+02	.116E+02	.31E+01	.450E+01	.033E+01	<.710E+02
							.404E+04
							.404E+04

SUMMARY OF CURRENT, TOTAL, & DECAY ACTIVITY DISCHARGED TO GROUND DURING THE
CHEMICAL OPERATIONS AREA CONTROL ZONE THROUGH 03/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	SLA (CI)	SR-90 (CI)	U-100 (CI)	US-137 (CI)	CO-60 (CI)	U (KGM)	J-233 (GM)
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21c-U-12 UO3 PROCESS COND. AND STACK DRAIN. PLACED IN USE APR 1952 AND REMOVED FROM
SERVICE SEP 1972. APPROXIMATE COORDINATES: N-39359, W-73100. REFERENCE
DRAWINGS: H-2-31321, H-2-32527.

1974 SUM
TOT SUM
TOT DECAY

.133E+03	.100E+01	.853E+03	.154E+03	.830E+02	<.100E+00	<.100E+00	<.100E+00	.181E+04
.133E+09	.100E+01	.171E+03	.834E+02	.111E+03	<.813E-01	<.322E-01	<.322E-01	.181E+04

21b-U-13

241-UR STEAM CLEANING PIT. PLACED IN USE MAR 1952 AND REMOVED FROM SERVICE
MAR 1973. APPROXIMATE COORDINATES: N-39200, W-70070. REFERENCE DRAWINGS:
H-2-32527.

1974 SUM
TOT SUM
TOT DECAY

.111E+02	<.100E+00	.500E+02	<.100E+00	.130E+02	<.100E+00	<.100E+00	<.100E+00	.474E+00
.114E+02	<.100E+00	.278E+03	<.627E-01	.132E-04	<.846E-01	<.817E-02	<.817E-02	.454E+00

21c-Z-1A

OVERFLOW FROM Z1, 2, 3. PLACED IN USE JUN 1949 AND REMOVED FROM SERVICE
MAR 1959. APPROXIMATE COORDINATES: N-39023, W-76531 TO N-39435, W-75815.
REFERENCE DRAWINGS: H-2-16459, H-2-32528, H-2-2423.

1974 SUM
TOT SUM
TOT DECAY

.100E+07	.500E+02	.240E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	<.100E+00	<.500E-01
.130E+07	.500E+02	.241E+02	<.675E-01	.933E-04	<.842E-01	<.121E-01	<.121E-01	<.500E-01

21c-Z-3

300 WASTES. PLACED IN USE JUN 1952 AND REMOVED FROM SERVICE MAR 1973.
APPROXIMATE COORDINATES: N-39435, W-70401. REFERENCE DRAWINGS: H-2-12232,
H-2-2423.

1974 SUM
TOT SUM
TOT DECAY

.178E+09	.570E+04	.105E+03	<.100E+00	.470E+02	<.100E+00	<.100E+00	<.100E+00	<.500E-01
.178E+09	.570E+04	.313E+03	<.675E-01	.477E-03	<.692E-01	<.121E-01	<.121E-01	<.500E-01

TABLE 1-3

Page 3

CUMULATIVE CURRENT, TOTAL, AND DELAYED ACTIVITY DISCHARGED TO WATERS WITHIN THE
CHEMICAL SEPARATION AREA CONTROL ZONE THROUGH 05/30/1976

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SP-20 (CI)	U-100 (CI)	U-137 (CI)	U-233 (GM)
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216-Z LAB WASTE. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE JUN 1945.
APPROXIMATE COORDINATES: H-40875, W-16475. REFERENCE DRAWINGS: H-2-11,
H-2-32528.

1974 SUM

TOT SUM	<.110E+05	.200E+01	.200E+01	<.100E+00	.100E+00	<.100E+00	<.500E-01
TOTDECAY	<.110E+05	.200E+01	.199E+00	<.400E-01	.200E-08	<.13E-01	<.213E-02

216-Z-F

231-Z PROCESS WASTES. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE
FEB 1947. APPROXIMATE COORDINATES: N-40920, W-76073 TO N-40985, W-76070.
REFERENCE DRAWINGS: H-2-340, H-2-32528, H-2-32682.

1974 SUM

TOT SUM	.310E+08	.340E+03	.250E+03	.500E+01	.100E+03	.100E+02	.500E+00
TOTDECAY	.310E+08	.340E+03	.150E+02	.249E+01	.343E-06	.523E+01	.118E-01

216-Z-6

231-Z PROCESS WASTES. PLACED IN USE JUN 1945 AND REMOVED FROM SERVICE
JUN 1947. APPROXIMATE COORDINATES: N-40712, W-76455 TO N-40753, W-76103.
REFERENCE DRAWINGS: H-2-508, H-2-32528, H-2-32682.

1974 SUM

TOT SUM	<.980E+05	.500E+01	.260E+01	<.100E+00	.100E+01	<.100E+00	<.500E-01
TOTDECAY	<.980E+05	.500E+01	.199E+00	<.400E-01	.200E-08	<.13E-01	<.213E-02

216-Z-7

231-Z LAB WASTE AND 300 AREA WASTE. PLACED IN USE FEB 1947 AND REMOVED
FROM SERVICE MAY 1966. APPROXIMATE COORDINATES: N-40830, W-75970 TO
N-40970, W-75220. REFERENCE DRAWINGS: H-2-11, H-2-32528, H-2-32682.

1974 SUM

TOT SUM	.799E+08	.200E+04	.250E+04	.370E+03	.100E+03	.360E+03	.100E+01
TOTDECAY	.799E+08	.200E+04	.119E+04	.303E+03	.300E+03	.249E+03	.348E+03

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISCHARGED TO CRIBS WITHIN THE
CHEMICAL SEPARATIONS AREA CONTROL ZONE THROUGH 05/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	JEFA (CI)	CK-9J (CI)	CU-10c (CI)	US-137 (CI)	CO-60 (CI)	J (KGM)	J-233 (GM)
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216-7-8 JILCA TANK OVERFLOW, PLACED IN USE OCT 1957 AND REMOVED FROM SERVICE
SEP 1961. APPROXIMATE COORDINATES: N-40000, W-70200. REFERENCE DRAWINGS:
H-2-10003, H-2-32028, SK-2-22172.

1974 SUM
TOT SUM .509E+04 .58E+02
TOTDECAY .909E+04 .48E+02

216-Z-9 RECUPLEX CAN WASTE. PLACED IN USE JUL 1955 AND REMOVED FROM SERVICE
JUN 1962. APPROXIMATE COORDINATES: N-39800, W-75800. REFERENCE DRAWINGS:
H-2-15432, H-2-20930.

1974 SUM
TOT SUM .409E+07 .333E+03 .400E+02 <.100E+00 .200E+02 <.100E+00 <.100E+00 <.500E-01
TOTDECAY .409E+07 .383E+05 .326E+00 <.727E-01 .10E-02 <.71E-01 <.180E-01 <.500E-01

216-Z-10 231-Z PROCESS AND LABORATORY WASTES. PLACED IN USE FEB 1945 AND REMOVED
FROM SERVICE JUN 1945. APPROXIMATE COORDINATES: N-43304, W-76535.
REFERENCE DRAWINGS: H-2-32529, H-2-32682.

1974 SUM
TOT SUM .100E+07 .500E+02
TOTDECAY .100E+07 .500E+02

216-Z-12 234-5 PROCESS AND LAB WASTE. PLACED IN USE MAR 1949 AND IS INACTIVE.
APPROXIMATE COORDINATES: N-39400, W-77200 TO N-39480, W-77200. REFERENCE
DRAWINGS: H-2-20937, H-2-20986, H-2-20988, H-2-32028.

1974 SUM
TOT SUM .281E+09 .251E+05 .225E+03 <.100E+00 .100E+03 <.100E+00 <.100E+00 <.500E-01
TOTDECAY .281E+09 .251E+05 .578E+00 <.763E-01 .699E-01 <.76E-01 <.23E-01 <.500E-01

SUMMARY OF CURRENT, TOTAL, & DECAVED ACTIVITY DISCHARGED TO OCEANIC RETENTION CATCH
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	SETA (CI)	SR-90 (CI)	KU-106 (CI)	CS-137 (CI)	CO-60 (CI)	(KGM)	J-233 (GM)
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216-A-20

STAIN-UP WASTES. PLACED IN USE NOV 1968 AND REMOVED FROM SERVICE DEC 1968.
APPROXIMATE COORDINATES: N-41675, W-8240. REFERENCE DRAWINGS: H-2-5521.

1974 SUM

TOT SUM

TOTDECAY

.961E+00 <.100E+00 .160E+01 <.100E+00 <.100E+00 <.100E+00 .40E+03
.961E+00 <.100E+00 .258E+00 <.627E-01 <.233E-00 <.646E-01 <.117E-02 .40E+03

216-A-31

PUREX ORGANIC. PLACED IN USE JUL 1968 AND REMOVED FROM SERVICE NOV 1968.
APPROXIMATE COORDINATES: N-39370, W-48290. REFERENCE DRAWINGS: H-2-57934.

1974 SUM

TOT SUM

TOTDECAY

.100E+00 .903E+01 .200E+00 .233E+01 .90E+02 .150E+03 .100E+00 .205E+02
.100E+00 .90E+01 .437E+03 .136E+01 .963E+02 .119E+03 .269E-01 .205E+02

216-A-36A

AMMONIA SCRUBBER WASTES. PLACED IN USE SEP 1968 AND REMOVED FROM SERVICE
MAY 1968. APPROXIMATE COORDINATES: N-39000, W-852, TO N-39105, W-8525.
REFERENCE DRAWINGS: H-2-59800, H-2-59129.

1974 SUM

TOT SUM

TOTDECAY

.107E+07 .800E+02 .147E+00 .180E+04 .300E+07 .150E+04 .100E+02 .145E+03
.107E+07 .800E+02 .067E+04 .155E+04 .800E+01 .123E+04 .323E+01 .145E+03

216-A-39

241-AX-801-B FLOUR DRAINAGE. PLACED IN USE JUN 1968 AND REMOVED FROM
SERVICE JUN 1968. APPROXIMATE COORDINATES: N-41310, W-47340 TO N-41330,
W-47350. REFERENCE DRAWINGS: H-2-3471, H-2-33297.

1974 SUM

TOT SUM

TOTDECAY

.200E+02 .200E+02
.200E+02 .200E+02

216-A-40

241-AR-EMERGENCY COIL DIVERSION. PLACED IN USE APR 1968 AND REMOVED FROM
SERVICE APR 1968. APPROXIMATE COORDINATES: N-41310, W-8200 TO N-41330,
W-8200. REFERENCE DRAWINGS: H-2-01979, H-2-03933, H-2-63084.

1974 SUM

TOT SUM

TOTDECAY

.90E+03
.90E+03

TABLE 1-C

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SUMMARY OF CURRENT, TOTAL, & DECAY ACTIVITY LOCATED TO PLACED IN PLACED RETENTION CRIB,
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (G)	321M (CI)	CR-9C (CI)	U-10C (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-8-20 221-U SCAVENGED TSP SUPERNATANT WASTE. PLACED IN USE AUG 1956 AND REMOVED
FROM SERVICE OCT 1956. APPROXIMATE COORDINATES: N-35300, W-54200 TO
N-35300, W-54200. REFERENCE DRAWINGS: H-2-3203, H-2-3204, H-2-3205.

1974 SUM
TOT SUM
TOT DECAY

.450E+07	.130E+01	.315E+02	.790E+03	.938E+04	.121E+04	.47E+01	.32E+03
.458E+07	.130E+01	.293E+04	.208E+03	.47E+01	.95E+03	.40E+00	.32E+03

216-8-21 221-U SCAVENGED TSP SUPERNATANT WASTE. PLACED IN USE SEP 1956 AND REMOVED
FROM SERVICE OCT 1956. APPROXIMATE COORDINATES: N-35300, W-54300 TO
N-35300, W-54300. REFERENCE DRAWINGS: H-2-3203, H-2-3204, H-2-3205.

1974 SUM
TOT SUM
TOT DECAY

.407E+07	.103E+02	.405E+05	.739E+03	.17E+01	.372E+03	.07E+01	.67E+03
.467E+07	.103E+02	.14E+04	.47E+03	.297E+01	.24E+03	.60E+00	.67E+03

216-8-22 221-U SCAVENGED TSP SUPERNATANT WASTE. PLACED IN USE OCT 1956 AND REMOVED
FROM SERVICE OCT 1956. APPROXIMATE COORDINATES: N-35300, W-54420 TO
N-35300, W-54420. REFERENCE DRAWINGS: H-2-3203, H-2-3204, H-2-3205.

1974 SUM
TOT SUM
TOT DECAY

.47E+07	.20E+01	.92E+05	.408E+03	.331E+01	.450E+02	.13E+02	.418E+03
.47E+07	.20E+01	.617E+03	.25E+03	.12E+01	.297E+02	.12E+01	.41E+03

216-8-23 221-U SCAVENGED TSP SUPERNATANT WASTE. PLACED IN USE OCT 1956 AND REMOVED
FROM SERVICE OCT 1956. APPROXIMATE COORDINATES: N-35300, W-54200 TO
N-35300, W-54200. REFERENCE DRAWINGS: H-2-3203, H-2-3204, H-2-3205.

1974 SUM
TOT SUM
TOT DECAY

.452E+07	.180E+01	.473E+05	.145E+03	.13E+01	.112E+03	.670E+01	.156E+03
.452E+07	.130E+01	.36E+03	.932E+02	.67E+01	.7E+02	.62E+00	.15E+03

TABLE 1-C

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STATUS OF SCRAP, FUEL, AND DEBRIS ACTIVITY DISCONTINUED TO OF-STATE RELATIONSHIP
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	3c1A (CI)	3K-90 (CI)	4U-100 (CI)	5C-137 (CI)	6C-00 (CI)	U (KGM)	U-233 (GM)
21c-8-24	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE OCT 1950 AND REMOVED FROM SERVICE NOV 1950. APPROXIMATE COORDINATES: N-35200, W-54244 TO N-35200, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1974 SUM	.470E+07	.773E+01	.730E+05	.181E+03	.231E+05	.129E+03	.103E+02	.246E+03	
TOTDECAY	.470E+07	.773E+01	.424E+03	.116E+03	.937E-01	.853E+02	.960E+00	.246E+03	
21c-8-25	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE NOV 1950 AND REMOVED FROM SERVICE DEC 1950. APPROXIMATE COORDINATES: N-35100, W-54244 TO N-35100, W-54744. REFERENCE DRAWINGS: H-2-3232, H-2-35020.								
1974 SUM	.376E+07	.200E+01	.492E+05	.205E+03	.156E+05	.500E+02	.690E+01	.153E+03	
TOTDECAY	.376E+07	.200E+01	.333E+03	.132E+03	.632E-01	.370E+02	.643E+00	.153E+03	
21c-8-26	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE DEC 1950 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.								
1974 SUM	.588E+07	.250E+01	.768E+05	.109E+04	.23E+05	.950E+03	.107E+02	.588E+03	
TOTDECAY	.588E+07	.250E+01	.207E+04	.708E+03	.14E+00	.636E+03	.106E+01	.588E+03	
21c-8-27	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.								
1974 SUM	.442E+07	.703E+00	.551E+05	.595E+03	.174E+05	.340E+02	.760E+01	.343E+03	
TOTDECAY	.442E+07	.703E+00	.853E+03	.392E+03	.14E+00	.230E+02	.638E+00	.343E+03	

SUMMARY OF CURRENT, TOTAL, & DECAYED ACTIVITY DISBURSED TO OFFICIALS WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30/1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	DEIA (CI)	SR-90 (CI)	U-100 (CI)	CS-137 (CI)	CO-60 (CI)	J (KGM)	U-233 (GM)
210-3-28	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE APR 1957, AND REMOVED FROM SERVICE JUL 1957. APPROXIMATE COORDINATES: N-35722, W-54244 TO N-35000, W-55744. REFERENCE DRAWINGS: H-2-3232, H-2-33020.								
1974 SUM									
TOT SUM	.505E+07	.505E+07	.165E+05	.112E+03	.522E+04	.230E+02	.230E+01	.300E+03	
TOTDECAY	.505E+07	.505E+07	.165E+05	.708E+02	.422E-01	.100E+02	.245E+00	.300E+03	
210-3-29	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-35272, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1974 SUM									
TOT SUM	.484E+07	.110E+01	.510E+05	.132E+03	.141E+00	.590E+02	.710E+01	.344E+03	
TOTDECAY	.484E+07	.110E+01	.353E+03	.120E+03	.130E+00	.399E+02	.755E+00	.344E+03	
210-3-30	221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE JUL 1957 AND REMOVED FROM SERVICE JUL 1957. APPROXIMATE COORDINATES: N-35447, W-54900 TO N-35847, W-55400. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.								
1974 SUM									
TOT SUM	.474E+07	.210E+01	.100E+05	.600E+03	.339E+04	.337E+04	.170E+01	.880E+02	
TOTDECAY	.474E+07	.210E+01	.517E+03	.392E+03	.314E+01	.228E+03	.141E+00	.880E+02	
210-3-31	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.								
1974 SUM									
TOT SUM	.474E+07	.523E+01	.192E+05	.239E+03	.619E+04	.280E+02	.270E+01	.122E+03	
TOTDECAY	.474E+07	.523E+01	.320E+03	.135E+03	.433E-01	.159E+02	.297E+00	.122E+03	

TABLE 1-C

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3044454Y OF 30-INT, TOTAL, 3 DAY-LACTIVITY UNCHARGED TO SPECIFIED RETENTION U-133
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SK-93 (CI)	FU-105 (CI)	JS-137 (CI)	J (KG)	U-233 (GM)
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216-8-32

221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE AUG 1957 AND REMOVED FROM SERVICE OCT 1957. APPROXIMATE COORDINATES: N-3537, W-5490 TO N-3537, W-5490. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.

1974 SUM

TOT SUM

TOTDECAY

.477E+07	.260E+01	.120E+03	.255E+03	.379E+04	.126E+03	.170E+03	.110E+02
.477E+07	.203E+01	.504E+03	.168E+03	.377E-01	.822E+02	.161E+00	.110E+02

216-8-33

221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE SEP 1957 AND REMOVED FROM SERVICE OCT 1957. APPROXIMATE COORDINATES: N-3537, W-5490 TO N-3537, W-5490. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.

1974 SUM

TOT SUM

TOTDECAY

.474E+07	.113E+02	.102E+05	.410E+02	.324E+04	.273E+03	.140E+03	.200E+02
.474E+07	.113E+02	.413E+03	.270E+02	.202E-01	.185E+03	.149E+00	.200E+02

216-8-34

221-U SCAVENGED TBP SUPERNATANT WASTE. PLACED IN USE OCT 1957 AND REMOVED FROM SERVICE OCT 1957. APPROXIMATE COORDINATES: N-3537, W-5490 TO N-3537, W-5490. REFERENCE DRAWINGS: H-2-3336, H-2-3337, H-2-35020.

1974 SUM

TOT SUM

TOTDECAY

.447E+07	.570E+01	.436E+04	.410E+02	.138E+04	.170E+02	.630E+00	.850E+02
.447E+07	.436E+01	.780E+02	.270E+02	.112E-01	.112E+02	.638E-01	.850E+02

216-8-35

FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE MAR 1954. APPROXIMATE COORDINATES: N-5273, W-5385 TO N-5273, W-5402. REFERENCE DRAWINGS: H-2-2431, SK-2-2-03.

1974 SUM

TOT SUM

TOTDECAY

.106E+07	.123E+01	.179E+04	.235E+03	.229E+03	.427E+03	.300E-01	.167E+02
.106E+07	.123E+01	.405E+03	.144E+03	.234E-03	.209E+03	.215E-02	.167E+02

TABLE 1-0

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SUMMARY OF CURRENT, TOTAL, & DELAY ACTIVITY DISCHARGED TO SPECIFIC RETENTION PRIORS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SP-90 (CI)	WU-100 (CI)	CS-13, (CI)	CO-03 (CI)	U (KGM)	U-233 (GM)
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216-3-36

FIRST CYCLE SUPERNATANT. PLACED IN USE MAY 1954 AND REMOVED FROM SERVICE
APR 1954. APPROXIMATE COORDINATES: N-45323, W-53850 TO N-5323, W-54102.
REFERENCE DRAWINGS: H-2-2431, SK-2-2-03.

1974 SUM

TOT SUM

TOT DECAY

.194E+07	.800E+00	.350E+01	.485E+13	.471E+03	.73E+03	.730E-01	.160E+02
.194E+07	.300E+00	.13E+01	.297E+03	.431E-03	.428E+03	.501E-02	.160E+02

216-8-37

EVAPORATOR BOTTOMS. PLACED IN USE AUG 1954 AND REMOVED FROM SERVICE
AUG 1954. APPROXIMATE COORDINATES: N-53413, W-53850 TO N-45413, W-54102.
REFERENCE DRAWINGS: H-2-2-31, SK-2-2-03.

1974 SUM

TOT SUM

TOT DECAY

.32E+07	.200E+01	.704E+04	.100E+02	.500E+03	.310E+04	.100E+01	.303E+01
.32E+07	.200E+01	.378E+04	.979E+01	.510E-03	.196E+04	.716E-01	.303E+01

216-8-38

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-2-2-31, SK-2-2-03.

1974 SUM

TOT SUM

TOT DECAY

.13E+07	.120E+01	.582E+04	.185E+04	.500E+03	.208E+03	.630E-01	.424E+02
.13E+07	.120E+01	.288E+04	.113E+04	.572E-03	.321E+03	.430E-02	.424E+02

216-3-39

FIRST CYCLE SUPERNATANT. PLACED IN USE DEC 1953 AND REMOVED FROM SERVICE
NOV 1954. APPROXIMATE COORDINATES: N-45503, W-53850 TO N-45503, W-54102.
REFERENCE DRAWINGS: H-2-2-31, SK-2-2-03.

1974 SUM

TOT SUM

TOT DECAY

.147E+07	.150E+01	.105E+04	.230E+02	.630E+02	.450E+03	.130E-01	.590E+01
.147E+07	.150E+01	.573E+03	.141E+02	.004E-01	.234E+03	.6710E-03	.590E+01

SUMMARY OF CURRENT TOTALS: JULY J ACTIVITY DISCLOSED TO JFCIC RETENTION C-IDS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	ETA (CI)	CR-90 (CI)	RU-100 (CI)	CS-137 (CI)	U-235 (CI)	U-238 (KAM)
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216-3-40

FIRST CYCLE SUPPLEMENT. PLACED IN USE APR 1954 AND REMOVED FROM SERVICE
JUL 1954. APPROXIMATE COORDINATES: N-45083, W-33850 TO N-45083, W-34102.
REFERENCE DRAWINGS: H-2-2431, SK-2-2-08.

1974 SUM

TOT SUM

TOTDECAY

.154E+07	.109E+01	.178E+04	.280E+03	.244E+03	.322E+03	.220E+01	.350E+02
.104E+07	.100E+01	.709E+03	.171E+03	.249E+03	.222E+03	.143E+02	.350E+02

216-3-41

FIRST CYCLE SUPPLEMENT. 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-2-2-08.

1974 SUM

TOT SUM

TOTDECAY

.144E+07	.300E+00	.210E+04	.470E+02	.131E+03	.890E+03	.100E+01	.750E+01
.144E+07	.300E+00	.114E+04	.287E+02	.134E+03	.562E+03	.716E+03	.750E+01

216-3-42

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-54154.
REFERENCE DRAWINGS: H-2-2431, SK-2-2-08.

1974 SUM

TOT SUM

TOTDECAY

.150E+07	.100E+02	.576E+04	.110E+04	.150E+04	.960E+02	.100E+02	.680E+03
.150E+07	.100E+02	.150E+04	.890E+03	.395E+02	.620E+02	.817E+00	.680E+03

216-3-52

SCAVENGED WASTE. PLACED IN USE DEC 1957 AND REMOVED FROM SERVICE JAN 1958.
APPROXIMATE COORDINATES: N-35415, W-54170 TO N-35415, W-54750. REFERENCE
DRAWINGS: H-2-3232, H-2-3335, H-2-35020.

1974 SUM

TOT SUM

TOTDECAY

.853E+07	.190E+02	.190E+05	.110E+02	.860E+04	.350E+03	.450E+01	.299E+02
.853E+07	.190E+02	.402E+03	.734E+01	.134E+00	.233E+03	.513E+00	.299E+02

Table 1-0

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SUMMARY OF CURRENT, TOTAL, & DECADE ACTIVITY DISCHARGE TO THE RELATION CRIBS
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30/1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SK-90 (CI)	NU-100 (CI)	CS-137 (CI)	U-235 (GM)	U-238 (GM)
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21E-B-53A

AREA WASTE, FLAGGED IN USE OCT 1967 AND REMOVED FROM SERVICE NOV 1967.
APPROXIMATE COORDINATES: N-35972, W-4723 TO N-35972, W-54750. REFERENCE
DRAWINGS: H-2-32522, H-2-3330, H-2-35020.

1974 SUM

TOT SUM	5492+06	1002+13	5702+92	1502+00	5002+01	1102+00	2002+00	2272+02
TOT DECADE	5492+06	1002+13	5702+92	1502+00	5002+01	1102+00	2002+00	2272+02

21E-B-53B

300 AREA WASTE, FLAGGED IN USE NOV 1962 AND REMOVED FROM SERVICE MAR 1963.
APPROXIMATE COORDINATES: N-35916, W-4723 TO N-35937, W-54750. REFERENCE
DRAWINGS: H-2-32522, H-2-3330, H-2-35020.

1974 SUM

TOT SUM	1512+00	3002+01	3522+02	1002+02	4002+01	7002+01	1002+01	9072+01
TOT DECADE	1512+00	3002+01	3522+02	1002+02	4002+01	7002+01	1002+01	9072+01

21E-B-54

300 AREA WASTE, FLAGGED IN USE MAR 1963 AND REMOVED FROM SERVICE OCT 1965.
APPROXIMATE COORDINATES: N-35772, W-4723 TO N-35772, W-54750. REFERENCE
DRAWINGS: H-2-32522, H-2-3330, H-2-35020.

1974 SUM

TOT SUM	9992+06	1102+11	2202+04	1102+00	1102+02	1102+00	1002+00	9072+01
TOT DECADE	9992+06	1102+11	2202+04	1102+00	1102+02	1102+00	1002+00	9072+01

21E-B-56

221-3 ORGANIC CRIB, NOT USED. APPROXIMATE COORDINATES: N-2885, W-5200 TO
N-42955, W-5200. REFERENCE DRAWINGS: SK-2-19674, H-2-60329.

21E-B-58

300 AREA WASTE, FLAGGED IN USE NOV 1962 AND REMOVED FROM SERVICE JUN 1967.
APPROXIMATE COORDINATES: N-35972, W-4723 TO N-35972, W-54750. REFERENCE
DRAWINGS: H-2-3330, H-2-33400.

1974 SUM

TOT SUM	132+00	1702+01	5932+02	1012+12	7002+01	7702+01	2402+01	3122+01
TOT DECADE	132+00	1702+01	5932+02	1012+12	7002+01	7702+01	2402+01	3122+01

TABLE 1-C

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SUMMARY OF CURRENT, TOTAL, CUMULATIVE ACTIVITY WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BEIA (CI)	GR-90 (CI)	RU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-3-59

221-B EMERGENCY COIL DIVERSION. PLACED IN USE SEP 1969 AND REMOVED FROM SERVICE MAR 1969. APPROXIMATE COORDINATES: N-43001, W-22787 TO N-43214, W-22504. REFERENCE DRAWINGS: H-2-60310.

1974 SUM

TOT SUM .477E+05

TOT DECAY .477E+00

.500E+01

.500E-01

.200E-01

.174E-01

216-3-60

221-B CELL DRAIN CLEANOUT. PLACED IN USE NOV 1967 AND REMOVED FROM SERVICE NOV 1967. APPROXIMATE COORDINATES: N-42513, W-24113 TO N-42583, W-24173. REFERENCE DRAWINGS: H-2-60311, H-2-3-303.

1974 SUM

TOT SUM .189E+05

TOT DECAY .199E+05

.800E-01

.800E-01

.800E+01

.881E+01

.717E+03

.717E+03

216-C-4

276-C ORGANIC WASTE. PLACED IN USE JUL 1955 AND REMOVED FROM SERVICE OCT 1964. APPROXIMATE COORDINATES: N-42059, W-27435. REFERENCE DRAWINGS: H-2-4010, H-2-4-25.

1974 SUM

TOT SUM .170E+06

TOT DECAY .170E+06

.120E+03

.352E+02

.280E+52

.177E+2

.10E+02

.390E-04

.970E-01

.970E-01

.970E+01

.970E+01

216-C-6

241-CX COND. PLACED IN USE SEP 1955 AND REMOVED FROM SERVICE SEP 1964. APPROXIMATE COORDINATES: N-42015, W-20060. REFERENCE DRAWINGS: H-2-4-25, H-2-35223.

1974 SUM

TOT SUM .530E+06

TOT DECAY .530E+06

.200E+04

.992E+12

.650E+02

.430E+02

.270E+02

.272E-02

.170E+00

.170E+00

.454E-01

.454E-01

TABLE 1-C

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SUMMARY OF CURRENT, TOTAL, & DELAYED ACTIVITY DISCHARGED TO OFF-CRITICAL RETENTION CRIBS
WITHIN THE CHEMICAL OPERATIONS CONTROL ZONE THROUGH 6/30/1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	2ETA (CI)	SK-90 (CI)	RU-196 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-S-9 START-UP WASTES. PLACED IN USE NOV 1951 AND REMOVED FROM SERVICE FEB 1952.
APPROXIMATE COORDINATES: N-3530, W-75300. REFERENCE DRAWINGS:
4-2000 0A22, H-2-32525.

1974 SUM
TOT SUM
TOTOCAY

.100E+06	.200E+01	.10E+04	.10E+01	.500E+02	.12E+02	.10E+00	.19E+03
.100E+03	.20E+01	.1E+02	.27E+00	.9E+00	.71E+01	.51E+02	.19E+03

216-S-12

291-S STACK WASH. PLACED IN USE JUL 1951 AND REMOVED FROM SERVICE
JUL 1952. APPROXIMATE COORDINATES: N-34955, W-73380. REFERENCE DRAWINGS:
H-2-2-31, H-2-32525.

1974 SUM
TOT SUM
TOTOCAY

.681E+03	.100E+01	.6E+0E+01	.10E+01	.10E+01	.10E+01	.10E+00	.49E+01
.681E+03	.100E+01	.2E+0E+01	.61E+00	.10E+00	.631E+00	.71E+02	.49E+01

216-S-13

VELOX ORGANIC. PLACED IN USE FEB 1951 AND REMOVED FROM SERVICE NOV 1950.
APPROXIMATE COORDINATES: N-3-610, W-7520. REFERENCE DRAWINGS: H-2-3395,
H-2-5391.

1974 SUM
TOT SUM
TOTOCAY

.590E+07	.800E+01	.03E+03	.40E+01	.10E+03	.500E+01	.10E+00	.91E+02
.590E+07	.800E+01	.11E+02	.30E+01	.17E+00	.40E+01	.21E+01	.91E+02

216-T-5

SECOND CYCLE WASTE. PLACED IN USE MAY 1951 AND REMOVED FROM SERVICE
MAY 1952. APPROXIMATE COORDINATES: N-3550, W-75200 TO N-3550, W-75200.
REFERENCE DRAWINGS: H-2-2-30, H-2-4-10, HT-3.

1974 SUM
TOT SUM
TOTOCAY

.260E+07	.180E+03	.20E+03	.170E+01	.30E+02	.70E+02	.50E+01	.45E+01
.260E+07	.180E+03	.83E+02	.02E+00	.01E+04	.4E+02	.08E+00	.4E+01

TABLE 1-0

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SUMMARY OF CURRENT, TOTAL, AND AVERAGE ACTIVITY DISBURSED TO SECTORS ATTENTION C-133
WITHIN THE CHEMICAL OPERATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PC (G)	3-14 (CI)	SK-90 (CI)	70-100 (CI)	SS-137 (CI)	U (KGM)	U-233 (G)
214-T-12	REFILL BOTTLE PLACED IN USE NOV 1954 AND REMOVED FROM SERVICE NOV 1954. APPROXIMATE COORDINATES: N-43000, W-70100. REFERENCE DRAWINGS: H-2-2430, H-2-44510.							
1974 SUM								
TOT SUM	.500E+07	.130E+01	.500E+02	.500E+01	.130E+02	.100E+02	.200E+01	.404E+02
TOTDECAY	.500E+07	.100E+01	.184E+02	.300E+01	.102E-04	.031E+01	.143E+00	.404E+02
216-T-14	FIRST CYCLE SUPERNATANT. PLACED IN USE JAN 1954 AND REMOVED FROM SERVICE JAN 1954. APPROXIMATE COORDINATES: N-43700, W-70270. TO N-44000, W-70275. REFERENCE DRAWINGS: SK-2-200, H-2-30809.							
1974 SUM								
TOT SUM	.100E+07	.880E+00	.985E+03	.600E+01	.10E+02	.009E+03	.150E+01	.303E+02
TOTDECAY	.100E+07	.880E+00	.576E+03	.367E+01	.153E-04	.290E+03	.107E+01	.303E+02
216-T-15	FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE FEB 1954. APPROXIMATE COORDINATES: N-43700, W-70100 TO N-44000, W-70105. REFERENCE DRAWINGS: SK-2-200, H-2-30809.							
1974 SUM								
TOT SUM	.100E+07	.940E+00	.207E+04	.210E+02	.120E+02	.104E+04	.120E+01	.272E+02
TOTDECAY	.100E+07	.940E+00	.128E+04	.128E+02	.122E-04	.00E+03	.859E-01	.272E+02
216-T-16	FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE FEB 1954. APPROXIMATE COORDINATES: N-43700, W-70090 TO N-44000, W-70090. REFERENCE DRAWINGS: SK-2-200, H-2-30809.							
1974 SUM								
TOT SUM	.100E+07	.650E+00	.105E+04	.800E+01	.130E+02	.522E+03	.130E+01	.222E+02
TOTDECAY	.100E+07	.650E+00	.002E+03	.499E+01	.133E-04	.329E+03	.931E-01	.222E+02

TABLE 1-C

PAGE 4

SUMMARY OF CURRENT, TOTAL, AND DELAYED ACTIVITY DISCHARGES, TO SPECIFIC RETENTION OF 15%
WITHIN THE CHEMICAL SEPARATION CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	JOLU-12 (L)	PU (GM)	BETA (CI)	SR-90 (CI)	PU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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FIRST CYCLE SUPERNATANT. PLACED IN USE FEB 1954 AND REMOVED FROM SERVICE
JUN 1954. APPROXIMATE COORDINATES: N-43700, W-7-045 TO N-44000, W-7-0-0.
REFERENCE DRAWINGS: SK-2-2+09, H-2-3-8-9.

1974 SUM

TOT SUM	.785E+06	.530E+00	.77E+00	.300E+01	.100E+02	.373E+03	.150E+01	.273E+02
TOT DECAY	.795E+06	.130E+00	.450E+03	.18E+01	.102E-04	.235E+03	.710E-01	.203E+02

216-T-18
SCAVENGED WASTE. PLACED IN USE NOV 1953 AND REMOVED FROM SERVICE NOV 1953.
APPROXIMATE COORDINATES: N-42700, W-75300. REFERENCE DRAWINGS:
W-2-000 JHT-11, H-2-2735, H-2-2733.

1974 SUM

TOT SUM	.400E+07	.100E+04	.9-0E+03	.700E+01	.200E+03	.570E+02	.130E+02	.272E+02
TOT DECAY	.100E+07	.190E+04	.7E7E+02	.410E+01	.102E-03	.352E+02	.627E+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-75-50 TO N-41530, W-75-50.
REFERENCE DRAWINGS: SK-2-2+09, H-2-368+9.

1974 SUM

TOT SUM	.460E+06	.160E+01	.921E+04	.800E+01	.620E+02	.400E+03	.200E+01	.100E+01
TOT DECAY	.460E+06	.100E+01	.570E+03	.489E+01	.633E-04	.252E+03	.153E+00	.100E+01

216-T-22
FIRST CYCLE SUPERNATANT. PLACED IN USE JUL 1954 AND REMOVED FROM SERVICE
AUG 1954. APPROXIMATE COORDINATES: N-41620, W-75-20 TO N-41620, W-75-20.
REFERENCE DRAWINGS: SK-2-2469, H-2-3-8-9.

1974 SUM

TOT SUM	.158E+07	.200E+01	.394E+04	.510E+02	.350E+02	.18E+04	.100E+01	.200E+01
TOT DECAY	.153E+07	.200E+01	.230E+04	.312E+02	.300E-04	.117E+04	.710E-01	.200E+01

SUMMARY OF CURRENT TOTAL, & CUMULATIVE ACTIVITY DISCLOSED TO SF-CIF, REF. ACTION C 133
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	DATE	PL	8-TA	21-30	U-106	CS-137	CS-60	U	U-233
	(L)	(G4)	(CI)	(CI)	(CI)	(CI)	(CI)	(K4)	(G4)

216-T-23

FIRST CYCLE SUPER-NATANT. PLACED IN USE JUL 1954 AND REMOVED FROM SERVICE
AUG 1954. APPROXIMATE COORDINATES: N-1710, W-7650 TO N-1710, W-7690.
REFERENCE DRAWINGS: SK-2-2409, H-2-30849.

1974 SUM

TOT SUM

TOTDECAY

.140E+07	.100E+01	.330E+04	.410E+02	.200E+02	.133E+04	.166E+01	.100E+01
.143E+07	.100E+01	.106E+04	.251E+02	.200E+04	.899E+03	.710E+01	.100E+01

21-T-24

FIRST CYCLE SUPER-NATANT. PLACED IN USE AUG 1954 AND REMOVED FROM SERVICE
AUG 1954. APPROXIMATE COORDINATES: N-1530, W-76450 TO N-1530, W-76690.
REFERENCE DRAWINGS: 4-2892 SHT-15, SK-2-2439, H-2-30349.

1974 SUM

TOT SUM

TOTDECAY

.173E+07	.200E+01	.435E+04	.400E+02	.320E+02	.142E+04	.100E+01	.830E+01
.173E+07	.200E+01	.177E+04	.245E+02	.327E+04	.899E+03	.710E+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.

1974 SUM

TOT SUM

TOTDECAY

.300E+07	.100E+01	.180E+05	.400E+01	.100E+03	.890E+04	.100E+00	.910E+00
.300E+07	.100E+01	.108E+05	.245E+01	.102E+03	.562E+04	.710E+02	.910E+00

216-T-30

TX-154 DIVERSION BOX. PLACED IN USE JUL 1953 AND REMOVED FROM SERVICE
JUL 1953. APPROXIMATE COORDINATES: N-43380, W-73200. REFERENCE DRAWINGS:
H-2-32520.

1974 SUM

TOT SUM

TOTDECAY

.190E+05	.100E+01	.500E+03	.400E+02	.500E+02	.400E+02	.100E+01	.45E+01
.190E+05	.100E+01	.933E+02	.239E+02	.240E+04	.247E+02	.627E+01	.45E+01

TABLE 1-C

PAGE 47

SUMMARY OF CURRENT, TOTAL, & DECAY D ACTIVITY DISCHARGED TO SPECIFIC RETENTION C-13S
WITHIN THE CHEMICAL SEPARATIONS CONTROL ZONE THROUGH 02/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	U-100 (CI)	CS-137 (CI)	U (KGM)	U-233 (GM)
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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.

1974 SUM

TOT SUM

TOTDECAY

.225E+07	<.500E-01	.500E+00	<.500E-01	<.500E-01	<.500E-01	<.500E-01	.363E+03
.225E+07	<.500E-01	.119E+00	<.291E-01	<.129E-07	<.301E-01	<.275E-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.

1974 SUM

TOT SUM

TOTDECAY

.225E+07	<.500E-01	.500E+00	<.200E-01	<.510E-01	<.500E-01	<.500E-01	.363E+03
.225E+07	<.500E-01	.119E+00	<.291E-01	<.128E-07	<.301E-01	<.275E-02	.363E+03

216-U-15

CONTAMINATED SOLVENT. PLACED IN USE MAY 197 AND REMOVED FROM SERVICE
MAY 1957. APPROXIMATE COORDINATES: N-33220, W-73900. REFERENCE DRAWINGS:
H-2-3+702(SITE ONLY).

1974 SUM

TOT SUM

TOTDECAY

.081E+00	<.100E+00	.700E+01	.100E+00	.100E+01	.100E+00	<.100E+00	.227E+01
.081E+00	<.100E+00	.278E+00	.029E-01	.039E-05	.670E-01	<.100E-01	.227E+01

216-Z-112

O-O WASTES. PLACED IN USE JUN 1949 AND REMOVED FROM SERVICE MAY 1903.
APPROXIMATE COORDINATES: N-39350, W-76550. REFERENCE DRAWINGS: H-2-16459,
H-2-32528.

1974 SUM

TOT SUM

TOTDECAY

.337E+03	.703E+04	.500E+02	<.100E+00	.100E+02	<.100E+00	<.100E+00	.809E+02
.337E+03	.703E+04	.238E+00	<.55E-01	.110E-05	<.570E-01	<.422E-02	.809E+02

SIMILARITY OF CURRENT, TOTAL, & DAILY D ACTIVITY DISCHARGED TO PUBLIC RETENTION CIPBS
WITHIN THE CHEMICAL SEPARATION CONTROL ZONE THROUGH 06/30 1974

DISPOSAL SITE	VOLUME (L)	PU (GM)	SETM (CI)	SR-90 (CI)	RU-130 (CI)	CC-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
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216-Z-1A 230 AND 242 WASTE. PLACED IN USE JUN 1964 AND REMOVED FROM SERVICE
MAY 1966. APPROXIMATE COORDINATES: N-39230, W-76601 TO N-39230, W-76601.
REFERENCE DRAWINGS: H-2-16259, H-2-32328, H-2-24923, H-2-27503.

1974 SUM									
TOT SUM	.190E+07	.300E+05	.210E+03	<.100E+00	.130E+03	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.190E+07	.300E+05	.735E+03	<.782E-01	.133E+00	<.794E-01	<.208E-01	<.500E-01	

216-Z-1A 3 230 AND 242 WASTE. PLACED IN USE MAY 1966 AND REMOVED FROM SERVICE
OCT 1967. APPROXIMATE COORDINATES: N-39230, W-76601 TO N-39159, W-76601.
REFERENCE DRAWINGS: H-2-27503, H-2-32329.

1974 SUM									
TOT SUM	.190E+07	.100E+05	.105E+03	<.100E+00	.500E+02	<.100E+00	<.100E+00	<.500E-01	
TOTDECAY	.190E+07	.100E+05	.614E+03	<.822E-01	.201E+00	<.832E-01	<.348E-01	<.500E-01	

216-Z-1A C 230 AND 242-Z. PLACED IN USE OCT 1967 AND REMOVED FROM SERVICE MAY 1969.
APPROXIMATE COORDINATES: N-39159, W-76601 TO N-39033, W-76601. REFERENCE
DRAWINGS: H-2-27503, H-2-3-2328.

1974 SUM									
TOT SUM	.141E+07	.108E+05							
TOTDECAY	.141E+07	.109E+05							

216-Z-1A 230 AND 242-Z. PLACED IN USE APR 1969 AND REMOVED FROM SERVICE MAY 1973.
APPROXIMATE COORDINATES: N-39670, W-76800 TO N-38930, W-76960. REFERENCE
DRAWINGS: H-2-2-233, H-2-2-207, H-2-3-2331.

1974 SUM									
TOT SUM	.396E+07	.229E+05							
TOTDECAY	.396E+07	.229E+05							

TABLE 2

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 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.

1974	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG)
JAN	.133E+07	.119E-03	.818E+00	.314E-01	.315E+00	.026E-01	<.503E-03	<.139E-01
FEB	.179E+07	.690E-02	.135E+01	.230E+00	.318E+00	.129E+00	<.531E-03	<.240E-01
MAR	.969E+06	.576E-01	.261E+00	.901E-02	.660E-01	.027E-01	<.328E-03	<.102E-01
APR	.134E+07	<.145E-04	.099E+00	.195E-01	.415E-01	.238E+00	.117E-01	<.139E-01
MAY	.113E+07	.688E-03	.382E+00	.179E-01	<.487E-02	.161E+00	<.326E-03	<.115E-01
JUN	.106E+07	.667E-04	.331E+00	.213E-01	<.913E-02	.423E-02	<.393E-03	<.108E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	.700E+07	.654E-01	.385E+01	.329E+00	.704E+00	.097E+00	<.137E-01	<.843E-01
PRE SUM	.113E+10	.000E+02	.113E+05	.112E+03	.994E+03	.109E+04	.181E+01	<.363E+03
TOT SUM	.114E+10	.500E+02	.113E+05	.112E+03	.995E+03	.109E+04	.133E+01	<.363E+03
74 DECAY	.700E+07	.054E-01	.346E+01	.327E+00	.079E+00	.093E+00	<.133E-01	<.843E-01
PRE DECAY	.113E+10	.000E+02	.164E+04	.763E+02	.263E+01	.757E+03	.290E+00	<.368E+03
TOT DECAY	.114E+10	.500E+02	.164E+04	.766E+02	.321E+01	.758E+03	.308E+00	<.368E+03
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .365E-01	(UCI/ML) FEB .701E-03	(UCI/ML) FEB .129E-03	(UCI/ML) JAN .236E-03	(UCI/ML) APR .209E-03	(UCI/ML) APR .840E-03	(UCI/ML) FEB <.457E-03
AVERAGE CONC		.524E-03	.503E-03	.430E-04	.984E-04	.910E-04	<.179E-03	<.369E-03

TABLE 3

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 66/30 1974 AT
DISPOSAL SITE 210-B-90 CRIB

WASTE STREAM DESCRIPTION- IN-TANK SOLIDIFICATION NO. 1 CONDENSATE FROM JANUARY 1961 TO DATE.

1974	VOLUME (')	FU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	LO-90 (CI)	U (KGM)
1	.22E+03	<.116E-06	.712E+03	.512E+05	.35E+04	.306E+03	<.21E+03	<.143E+03
FEB								
MAR								
APR								
MAY								
JUN								
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	.22E+03	<.116E-06	.712E+03	.512E+05	.35E+04	.306E+03	<.21E+03	<.143E+03
PFC SUM	.22E+03	<.239E+00	.24E+03	<.50E+01	.11E+02	.37E+02	<.33E+00	<.28E+00
TOT SUM	.548E+03	<.239E+00	.24E+03	<.60E+01	.11E+02	.879E+02	<.33E+00	<.28E+00
74 DECAY	.225E+05	<.116E-06	.71E+03	.50E+05	.22E+04	.30E+03	<.20E+03	<.143E+03
PFC DECAY	.548E+03	<.239E+00	.1E+03	<.50E+01	.79E+01	.74E+02	<.129E+00	<.28E+00
TOT DECAY	.548E+03	<.239E+00	.1E+03	<.50E+01	.79E+01	.74E+02	<.129E+00	<.28E+00
MONTHLY		(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM		JAN	JAN	JAN	JAN	JAN	JAN	JAN
CONC		<.316E-07	.316E-04	.227E-06	.15E-05	.137E-04	<.959E-07	<.211E-08
AVERAGE								
CONC		<.316E-07	.316E-04	.227E-06	.15E-05	.137E-04	<.959E-07	<.211E-08

TABLE 4

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 AT DISPOSAL SITE 210-B-35 CRIB
WASTE STREAM DESCRIPTION- B PLANT STEAM CONDENSATE FROM SEPTEMBER, 1967 TO DATE.

197+	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.371E+07	<.345E-03	.931E+01	.359E+01	.229E-01	.100E+00	<.105E-02	<.552E-01
FEB	.106E+06	<.426E-03	.508E+00	.176E-01	.806E-02	.227E+00	<.907E-03	<.503E-01
MAR	.833E+07	.184E-02	.506E+00	.104E-01	<.404E-01	.192E+00	<.216E-01	<.842E-01
APR	.589E+07	<.246E-03	.446E-01	.840E-02	<.21E-02	.107E-01	<.837E-03	<.314E-01
MAY	.806E+07	<.418E-03	.144E+00	.184E-01	<.297E-02	.322E-01	<.51E-03	<.323E-01
JUN	.913E+07	<.825E-03	.295E-01	.576E-02	<.434E-02	.352E-02	<.106E-02	<.487E-01

JUL
AUG
SEP
OCT
NOV
DEC
ADJ

74 SUM	.487E+08	<.413E-02	.105E+02	.365E+01	<.871E-01	.568E+00	<.260E-01	<.308E+00
PRE SUM	.603E+09	<.432E+00	.137E+03	<.723E+01	<.138E+01	.202E+02	<.326E+00	<.393E+01
TOT SUM	.651E+09	<.436E+00	.148E+03	<.109E+02	<.146E+01	.209E+02	<.322E+00	<.423E+01
74 DECAY	.487E+08	<.413E-02	.963E+01	.361E+01	<.700E-01	.56E+00	<.251E-01	<.308E+00
PRE DECAY	.603E+09	<.432E+00	.537E+02	<.662E+01	<.122E+00	.184E+02	<.162E+00	<.393E+01
TOT DECAY	.651E+09	<.436E+00	.633E+02	<.102E+02	<.192E+00	.190E+02	<.107E+00	<.423E+01

MONTHLY	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM	MAR	JAN	JAN	JAN	MAR	MAR	MAR	MAR
CONC	.136E-07	.197E-02	.412E-03	<.57E-05	.230E-04	<.260E-05	<.338E-05	<.338E-05
AVERAGE	<.20E-08	.217E-03	.749E-04	<.179E-05	.117E-04	<.53E-06	<.211E-05	<.211E-05

TABLE 2

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MONTHLY VOLUME OF LIQUID WASTE DISCHARGED TO WJUNO FROM 1/1 TO 06/30 1974 AT
DISPOSAL SITE 210-0-02 GRI3
WASTE STREAM IDENTIFICATION PLANT PROCESS COORDINATE FROM NOVEMBER 21, 1973 TO DATE.

1974	VOLUME (L)	PU (GM)	BLFA (CI)	SR-90 (CI)	RU-136 (CI)	CS-137 (CI)	CO-60 (CI)	U (CG4)
JAN	0.11 + 07	0.20E-02	0.147 + 01	0.55E+00	0.137E-01	0.302E+00	0.57E-00	0.183E-01
FEB	0.172E+07	0.213E-02	0.127E+00	0.17E+00	0.700E-02	0.176E+00	0.37E-03	0.134E+01
MAR	0.208 + 0	0.117E-02	0.22E+00	0.22E-01	0.29E-02	0.32E-01	0.183E-00	0.27E-02
APR	0.132E+07	0.104E-01	0.490E+00	0.472E-01	0.113E-01	0.161E+00	0.7E-03	0.133E-01
MAY	0.15E+07	0.13E-01	0.153E+01	0.157E+00	0.192E-01	0.307E+00	0.201E-02	0.191E-03
JUN	0.17E+07	0.194E-02	0.843E+00	0.4E-01	0.143E-01	0.56E-02	0.150E-01	0.143E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	0.85E+07	0.59E-01	0.50E+01	0.93E+00	0.687E-01	0.98E+00	0.194E-01	0.143E+01
PRE SUM	0.192E+07	0.40E-03	0.19E+01	0.31E+00	0.152E-01	0.32E+00	0.933E-03	0.19E-01
TOT SUM	0.17E+07	0.47E-01	0.760E+01	0.125E+01	0.809E-01	0.131E+01	0.202E-01	0.143E+01
74 DECAY	0.9E+07	0.59E-01	0.533E+01	0.927E+00	0.593E-01	0.970E+00	0.192E-01	0.143E+01
PRE DECAY	0.192E+07	0.90E-03	0.151E+01	0.310E+00	0.125E-01	0.32E+00	0.773E-03	0.19E-01
TOT DECAY	0.15E+00	0.407E-01	0.69E+01	0.12E+01	0.718E-01	0.130E+01	0.199E-01	0.143E+01
MONTHLY		(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM		APR	JAN	JAN	MAY	JAN	JUN	FEB
CONC		0.480E-02	0.110E-02	0.300E-03	0.101E-04	0.199E-03	0.132E-04	0.259E-06
AVG 24 HR								
CONC		0.330E-02	0.002E-03	0.104E-03	0.80E-04	0.11E-03	0.22E-04	0.003E-07

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 AT DISPOSAL SITE 216-C-7 BR13
WASTE STREAM DESCRIPTION- CRITICAL MASS LABORATORY WASTES FROM 1960 TO DATE.

1974	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG4)
JAN	.194E+12							
FEB	.112E+04	.293E-03						
MAR	.102E+04	.174E-03						
APR	.204E+04	.937E-04						
MAY	.189E+02							
JUN	.189E+02							
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	.414E+04	.501E-03						
PRE SUM	.14E+05	<.110E+01						
TOT SUM	.555E+05	<.110E+01	.200E+02	<.100E+00	.100E+01	<.100E+00	<.100E+00	<.100E+00
74 DECAY	.414E+04	.501E-03						
PRE DECAY	.14E+05	<.110E+01	.427E+00	<.76E-01	.743E-03	<.777E-01	<.239E-01	<.100E+00
TOT DECAY	.555E+05	<.110E+01	.427E+00	<.76E-01	.743E-03	<.777E-01	<.239E-01	<.100E+00
MONTHLY		(UCI/ML)	(UCI/4L)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM		F-3						
CONC		.170E-04						
AVERAGE								
CONC		.817E-05						

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 - I
 DISPOSAL SITE 210-S-20 C-13
 WASTE STREAM DESCRIPTION: 2-2-3 EVAPORATOR-CRYSTALLIZER PROCESS CONDENSATE FROM NOVEMBER 1973 TO DATE.

197-	VOLUME (L)	PU (GM)	BETA (CI)	SK-90 (CI)	RU-136 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG)
JAN	0.24E+07	0.44E+00	0.136E-03					0.997E-01
FEB	0.10E+07	0.04E+00	0.259E-03					0.869E-01
MAR	0.706E+07	0.15E+00	0.203E-03					0.710E-01
APR	0.139E+07	0.333E+00	0.399E-02					0.768E-01
MAY	0.70E+07	0.95E+00	0.143E+00	0.131E-02	0.039E-01	0.29E-02	0.108E-02	0.779E-01
JUN	0.579E+07	0.252E-03	0.604E-01	0.925E-03	0.188E-01	0.50E-02	0.110E-01	0.586E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
7+ SUM	0.455E+00	0.509E-03	0.238E+00	0.223E-02	0.827E-01	0.103E-01	0.127E-01	0.471E+00
PRE SUM	0.990E+07	0.125E-03	0.393E-02	0.534E-03	0.117E-02	0.177E-03	0.943E-04	0.733E-01
TOT SUM	0.534E+08	0.634E-03	0.212E+00	0.277E-02	0.839E-01	0.105E-01	0.128E-01	0.544E+00
7+ DECAY	0.053E+00	0.09E-03	0.19E+00	0.223E-02	0.709E-01	0.103E-01	0.12E-01	0.471E+00
PRE DECAY	0.696E+07	0.125E-03	0.305E-02	0.526E-03	0.765E-03	0.17E-03	0.869E-04	0.733E-01
TOT DECAY	0.534E+08	0.634E-03	0.198E+00	0.275E-02	0.777E-01	0.104E-01	0.127E-01	0.544E+00
MONTHLY MAXIMUM		(UCI/ML) JUN	(UCI/ML) MAY	(UCI/ML) MAY	(UCI/ML) MAY	(UCI/ML) JUN	(UCI/ML) JUN	(UCI/ML) MAR
CONC	0.11E-03	0.18E-00	0.17E-00	0.17E-00	0.830E-00	0.16E-00	0.19E-00	0.339E-00
AVERAGE		0.572E-09	0.48E-05	0.48E-07	0.178E-05	0.221E-06	0.273E-05	0.337E-03
CONC								

TABLE 8

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 02/30 1974 AT
DISPOSAL SITE 210-T-19 CRIB

WASTE STREAM DESCRIPTION- 242-T EVAPORATOR CONDENSATE FROM DECEMBER 1964 TO DATE.

1974	VOLUME (L)	PU (GM)	BETA (CI)	Sr-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN								
FEB								
MAR	.103E+00	.253E-03	.602E-01	.621E-02	.206E-03	.147E-01	<.105E-04	<.553E-03
APR	.294E+00	.189E-02	.943E-01	.175E-02	.555E-03	.454E-01	<.202E-04	<.161E-02
MAY	.927E+00	.199E-02	.238E+00	.980E-02	.323E-02	.105E+00	<.919E-04	<.539E-02
JUN	.530E+00	.410E-02	.459E+00	.130E-01	.143E-02	.217E+00	<.730E-04	<.314E-02
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ	.683E+07							

74 SUM	.869E+07	.825E-02	.852E+00	.308E-01	.547E-02	.382E+00	<.202E-03	<.107E-01
PRE SUM	.421E+09	.143E+02	.454E+04	.620E+02	.100E+04	.370E+03	.106E+01	<.946E+01
TOT SUM	.430E+09	.143E+02	.454E+04	.620E+02	.100E+04	.370E+03	.106E+01	<.947E+01

74 DECAY	.869E+07	.825E-02	.852E+00	.307E-01	.505E-02	.381E+00	<.199E-03	<.107E-01
PRE DECAY	.421E+09	.143E+02	.568E+03	.405E+02	<.172E+00	.252E+03	<.118E+00	<.945E+01
TOT DECAY	.430E+09	.143E+02	.569E+03	.405E+02	<.177E+00	.253E+03	<.118E+00	<.947E+01

MONTHLY		(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM		JUN	JUN	MAR	MAY	JUN	JUN	JUN
CONC		.475E-00	.866E-03	.602E-04	.349E-05	.410E-03	<.138E-05	<.197E-05

AVERAGE								
CONC		.33E-00	.980E-04	.305E-05	.630E-00	.440E-04	<.232E-07	<.410E-09

(1) STEAM CONDENSATE.

TABLE 3

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ANALYSIS OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 AT
DISPOSAL SITE 210-Z-16 CRIB
DATE SAMPLED 05/15/74 BY JH-7 BUILDING WASTE FROM MARCH 1, 1968 TO DATE.

1974	VOLUME (L)	PU (GAL)	BETA (CI)	Sr-90 (CI)	Pu-239 (CI)	CS-137 (CI)	U (K64)
JAN	0.1	0.3	0.200E-02				
FEB	0.241E+00	0.322E-02	0.02E-00				
MAR	0.330E+00	0.242E-02	0.200E-03				
APR	0.201E+00	0.197E-02	0.112E-03				
MAY	0.309E+00	0.140E-01	0.118E-03				
JUN	0.313E+00	0.317E-01	0.141E-03				
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
ADJ							

74 SUM 0.173E+07 0.477E+00 0.302E-02
PR SUM 0.332E+08 <0.702E+02 <0.909E+00
TOT SUM 0.952E+08 <0.712E+02 <0.922E+00

74 DECAY 0.176E+07 0.477E+00 0.190E-02
PREDECAY 0.332E+08 <0.702E+02 <0.114E+00
TOTDECAY 0.955E+08 <0.712E+02 <0.116E+00

MONTHLY (UCI/ML) (UCI/ML) (UCI/ML) (UCI/ML)
MAXIMUM JAN 0.880E-05
CONC JAN 0.880E-05

AVERAGE 0.104E-04 0.109E-05
CONC

MONTHLY SUMMARY OF LIQUID ACT. DISCHARGES TO GROUND FROM 1/1 TO 06/30 1974 AT
 DIAPYCNAL SITE 210-4-23 SUMMARY
 WASTE STREAM DESC. FUTURE AR VAULT COOLING WATER AND PULP PROCESS COOLING WATER.

1974	VOLUME (L)	PU (GM)	DLTA (CI)	SP-90 (CI)	KU-146 (CI)	CS-137 (CI)	LO-60 (CI)	U (GM)	J-230 (GM)
JAN	.220E+03	<.931E-02	<.52E-02	<.897E-03	<.163E-02	<.323E-03	<.32E-03	<.44E+00	
FEB	.240E+04	<.829E-02	<.280E-02	<.817E-03	<.37E-03	<.140E-03	<.173E-03	<.192E+00	
MAR	.500E+08	<.11E-01	.724E-02	<.819E-03	<.202E-02	<.554E-03	<.422E-03	<.350E+00	
APR	.233E+09	<.750E-01	<.234E-02					<.132E+01	
MAY	.255E+09	<.759E-01	.186E-01					<.155E+01	
JUN	.251E+09	<.747E-01	.512E-02					<.142E+01	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ	.477E+59								

(1)

74 SUM	.133E+10	<.255E+00	<.457E-01	<.233E-02	<.21E-02	<.103E-02	<.101E-02	<.529E+01	<.459E+03
P-1 SUM	.170E+12	.422E+03	.227E+06	.492E+03	<.70E+03	.362E+03	<.499E+02	<.643E+03	<.459E+03
TOT SUM	.170E+12	.422E+03	.227E+06	.492E+03	<.70E+03	.362E+03	<.439E+02	<.645E+03	<.459E+03

74 DECAY	.138E+10	<.255E+00	<.388E-01	<.231E-02	<.327E-02	<.104E-02	<.9E3E-03	<.529E+01	<.459E+03
PRED DECAY	.170E+12	.422E+03	.215E+04	.382E+03	<.760E+01	.292E+03	<.197E+02	<.643E+03	<.459E+03
TOT DECAY	.170E+12	.422E+03	.215E+04	.382E+03	<.761E+01	.292E+03	<.197E+02	<.645E+03	<.459E+03

MONTHLY MAXIMUM CONC		(UCI/ML) APR	(UCI/ML) JAN	(UCI/ML) FEB	(UCI/ML) JAN	(UCI/ML) MAR	(UCI/ML) JAN	(UCI/ML) JAN	
		<.198E-07	<.140E-06	<.335E-07	<.428E-07	<.380E-06	<.102E-07	<.348E-06	

AVERAGE
CONC

	<.04E-08	<.22E-07	<.209E-03	<.436E-08	<.121E-06	<.117E-08	<.102E-03	
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(1) VOLUME ADJ INCLUDES .477E+09 FROM 200 EAST POWER HOUSE.

TABLE 11

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1974 AT
DISPOSAL SITE 215-4-25 POND
WASTE STREAM DESCRIPTION- FUREX PROCESS COOLING WATER FROM DECEMBER 1967 TO DATE.

1974	VOLUME (L)	FU (G)	ETA (CI)	SR-90 (CI)	RU-106 (CI)	U-137 (CI)	U (KGM)	U-233 (GM)
JAN	.31E+13	<.924E-02	<.620E-02	<.500E-03	<.153E-02	<.3E-03	<.33E+00	
FEB	.14E+13	<.612E-02	<.27E-02	<.317E-03	<.37E-03	<.14E-03	<.92E-01	
MAR	.45E+13	<.171E-01	.72E-02	<.813E-03	<.202E-02	<.5E-03	<.24E+00	
APR	.22E+13	<.7E-01	<.223E-02				<.121E+01	
MAY	.238E+09	<.758E-01	.182E-01				.13E+01	
JUN	.234E+09	<.74E-01	.77E-02				<.12E+01	
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	.785E+19	<.254E+00	<.413E-01	<.233E-02	<.721E-02	<.10E-02	<.452E+01	<.432E+53
PRE SUM	.173E+12	.423E+03	.227E+06	.482E+03	<.74E+03	.3E+03	.57E+00	<.432E+53
TOT SUM	.158E+12	.423E+03	.227E+06	.482E+03	<.74E+03	.3E+03	.57E+00	<.432E+53
74 DECAY	.785E+19	<.254E+00	<.357E-01	<.231E-02	<.327E-02	<.10E-02	<.452E+01	<.432E+53
PRE DECAY	.158E+12	.423E+03	.288E+04	.382E+03	<.74E+03	.292E+03	.57E+00	<.432E+53
TOT DECAY	.158E+12	.423E+03	.288E+04	.382E+03	<.74E+03	.292E+03	.57E+00	<.432E+53
MONTHLY MAXIMUM CONC		(UFI/ML) FEB <.259E-07	(UCI/ML) JAN <.193E-06	(UCI/ML) FEB <.563E-07	(UCI/ML) JAN <.576E-07	(UCI/ML) MAR <.122E-07	(UCI/ML) JAN <.137E-07	<.352E-08
AV-RAGE CONC		<.209E-07	<.047E-07	<.743E-08	<.13E-07	<.33E-07	<.322E-04	<.20E-05

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 02/30 1974 AT
DISPOSAL SITE 216-A-25 POND
WASTE STREAM DESCRIPTION: AS VAULT COOLING WATER SINCE JANUARY 1, 1969.

1974	VOLUME (L)	PU (GM)	BE/A (CI)	SR-90 (CI)	KU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG)
JAN	.112+08	.090E-04	.290E-03					<.111E+00
FEB	.984+07	.169E-03	.892E-03					<.993E-01
MAR	.110E+08	<.676E-04	.224E-02					<.111E+00
APR	.106E+08	.423E-03	.114E-03					<.107E+00
MAY	.173E+08	.700E-04	.425E-03					<.174E+00
JUN	.158E+08	<.049E-04	.415E-03					<.170E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								

74 SUM	.765E+08	<.903E-03	.439E-02					<.773E+00
PRE SUM	.227E+10	<.659E+00	<.149E+01	<.490E-01	<.231E+00	<.470E-01	<.390E-01	<.000E+01
TOT SUM	.234E+10	<.659E+00	<.149E+01	<.490E-01	<.231E+00	<.470E-01	<.390E-01	<.683E+01

74 DECAY	.765E+08	<.803E-03	.314E-02					<.773E+00
PRE DECAY	.227E+10	<.659E+00	<.328E+00	<.433E-01	<.735E-02	<.775E-01	<.202E-01	<.600E+01
TOT DECAY	.234E+10	<.659E+00	<.331E+00	<.433E-01	<.735E-02	<.775E-01	<.202E-01	<.683E+01

MONTHLY MAXIMUM CONC	(UCI/ML) APR .245E-08	(UCI/ML) MAR .234E-06	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) FEB <.330E-08
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AVERAGE CONC	<.693E-09	.573E-07						<.330E-08
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TABLE 13

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO POUND FROM 1/1 TO 06/30 1974 AT
 DISPOSAL SITE 210-3-3 SUMMARY
 WASTE STREAM DESCRIPTION: EFFLUENT COOLING WATER AND CHEMICAL EFFLUENT - VALVE COOLING WATER, EFFLUENT
 CHEMICAL SEWER, ITS-1 AND ITS-2 COOLING WATER.

1974	VOLUME (L)	PU (G)	BETA (CI)	SR-90 (CI)	RU-116 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG)	U-233 (G)
JAN	376 + 9	<.132E+01	.164E+01	<.12E+02	<.143E+02	<.34E+03	<.529E+03	<.293E+01	
FEB	251E+09	<.153E+01	.478E+01	.622E+02	<.274E+02	<.212E+02	<.323E+03	<.284E+01	
MAR	271E+09	<.258E+01	.432E+00	<.248E+02	<.197E+02	<.70E+03	<.389E+03	<.271E+01	
APR	271E+09	<.172E+01	.169E+01					<.25E+01	
MAY	320E+09	<.191E+01	<.16E+01	.843E+03				<.29E+01	
JUN	357E+09	.197E+01	.783E+02					<.26E+01	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ									

74 SUM	175E+10	<.112E+00	.532E+00	<.147E+01	<.6E+3E+02	<.26E+02	<.124E+02	<.168E+02	
PRE SUM	92E+11	<.2E+0E+00	.232E+00	.152E+03	.232E+04	.146E+03	<.19E+02	<.30E+03	<.33E+02
TOT SUM	941E+11	<.240E+03	.232E+00	.152E+03	.232E+04	.146E+03	<.19E+02	<.30E+03	<.33E+02
74 DECAY	175E+10	<.112E+00	.532E+00	<.147E+01	<.6E+3E+02	<.26E+02	<.124E+02	<.168E+02	
PRE DECAY	92E+11	<.2E+0E+00	.232E+00	.152E+03	.232E+04	.146E+03	<.19E+02	<.30E+03	<.33E+02
TOT DECAY	941E+11	<.240E+03	.232E+00	.152E+03	.232E+04	.146E+03	<.19E+02	<.30E+03	<.33E+02

MONTHLY MAXIMUM CONC		(UCI/ML) MAR	(UCI/ML) MAR	(UCI/ML) FEB	(UCI/ML) FEB	(UCI/ML) JAN	(UCI/ML) FEB
	<.35E+08	.15E+00	.22E+07	<.97E+08	<.7E+08	<.173E+08	<.337E+08

ADJ AGG CONC		<.393E+08	.303E+08	<.372E+08	<.163E+08	<.707E+08	<.320E+08
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TABLE 14

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 12/30 1974 AT
DISPOSAL SITE 210-B-3 POND
WASTE STREAM DESCRIPTION- B PLANT COOLING WATER, SINCE JANUARY 1, 1968.

1974	VOLUME (L)	FU (G/M)	BETA (CI)	SP-30 (CI)	RU-130 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
FEB	.274 + .09	<.120E-02	.13E-01					<.230E+01
MAR	.234 + .02	<.127E-02	.23E-01					<.22E+01
APR	.150 + .04	.83E-02	.730E+00					<.197E+01
MAY	.136E+09	.189E-02	.948E-02					<.198E+01
JUN	.213E+09	.223E-02	<.37E-02					<.222E+01
JUL	.226E+09	<.112E-02	.47E-02					<.229E+01
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	.127E+10	<.193E-01	.786E+00	<.257E+01	<.349E+01	<.080E+01	.37E+01	<.130E+02
PRE SUM	.136E+11	<.795E+01	.734E+02	<.250E+01	<.349E+01	<.080E+01		<.615E+02
TOT SUM	.148E+11	<.797E+01	.739E+02					<.740E+02
74 DECAY	.127E+10	<.193E-01	.337E+00					<.130E+02
PRE DECAY	.170E+11	<.795E+01	.201E+02	<.213E+01	<.72E-01	<.001E+01	.171E+01	<.615E+02
TOT DECAY	.148E+11	<.797E+01	.235E+02	<.213E+01	<.725E-01	<.001E+01	.171E+01	<.740E+02
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .203E-08	(UCI/ML) MAR .221E-05	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) FEB <.363E-06
AVG CONC		<.13E-08	.333E-06					<.342E-05

TABLE 12

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 30/30 1974 AT
DISPOSAL SITE 242-3-3
WASTE STREAM IDENTIFICATION - B PLANT CHEMICAL CLEANER, FROM MAY 1974 TO JUNE 1974.

1974	VOLUME (L)	PI (G)	BETA (CI)	U-137 (CI)	CO-60 (CI)	U (KG)
JAN						
FEB						
MAR						
APR						
MAY	0.257E+08	<0.183E-02	<0.118E-01	0.843E-03		<0.150E+00
JUN	0.102E+07	<0.376E-03	0.114E-02			<0.222E-01
JUL						
AUG						
SEP						
OCT						
NOV						
DEC						
ADJ						
74 JUN	0.249E+08	<0.226E-02	<0.129E-01	0.843E-03		<0.172E+00
PRE SUM						
TOT SUM	0.299E+08	<0.226E-02	<0.129E-01	0.843E-03		<0.172E+00
74 DECAY	0.299E+08	<0.226E-02	<0.113E-01	0.841E-03		<0.172E+00
PRE DECAY						
TOT DECAY	0.299E+08	<0.226E-02	0.113E-01	0.841E-03		<0.172E+00
MONTHLY		(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM		JUN	MAY	MAY	MAY	MAY
CONC		<0.376E-03	<0.477E-03	0.329E-07		<0.194E-03
AVERAGE		<0.404E-03	<0.432E-03	0.232E-07		<0.191E-03
CONC						

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 AT
DISPOSAL SITE 215-2-3 POND
WASTE STREAM DESCRIPTION- IN-TANK SOLIDIFICATION NO. 1 COOLING WATER, SINCE JANUARY 1, 1969.

1974	VOLUME (L)	PU (GM)	BETA (CI)	CS-137 (CI)	RU-106 (CI)	CO-60 (CI)	U (KGM)
FEB	.132E+08	<.57E-03	.246E-03				<.13E+00
MAR	.132E+08	.211E-03	.11E-02				<.13E+00
APR	.132E+08	<.31E-03	.52E-04				<.13E+00
MAY	.132E+08	.385E-03	.104E-03				<.13E+00
JUN	.132E+08	<.729E-03	.17E-03				<.13E+00
JUL	.132E+08	.886E-03	.175E-03				<.13E+00

AUG
SEP
OCT
NOV
DEC
ADJ

74 SUM	.795E+08	<.109E-02	.190E-02				<.80E+00
FEB SUM	.107E+10	<.69E-03	<.10E-01	.31E+00	<.10E-01		<.81E+01
TOT SUM	.174E+10	<.69E+00	<.10E+01	.31E+00	<.10E-01		<.89E+01

74 DECAY	.795E+08	<.109E-02	.130E-02				<.80E+00
PREDECAY	.157E+10	<.69E+00	<.87E+00	.393E+00	<.82E-02		<.81E+01
TOT DECAY	.174E+10	<.69E+00	<.87E+00	.393E+00	<.82E-02		<.89E+01

MONTHLY MAXIMUM CONC	(UCI/ML) JUN	(UCI/ML) FEB	(UCI/ML) FEB	(UCI/ML) FEB
	.410E-08	.804E-07		<.333E-08

AVERAGE CONC	<.133E-08	.239E-07		<.337E-08
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TABLE 17

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 12/31 1974 AT
 DISPOSAL SITE 210-B-3 POND
 WASTE STREAM DESCRIPTION--IN-TANK SOLIDIFICATION NO. 2 COOLING WATER SINCE JANUARY 1, 1969.

1974	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	LO-137 (CI)	U (KGM)
JAN	.231E+01	<.226E-03	<.242E-03					<.232E+03
FEB	.21E+01	<.223E-03	.678E-03					<.21E+03
MAR	.223E+08	.356E-03	.909E-03					<.227E+03
APR	.207E+08	.1E-02	.711E-03					<.209E+03
MAY	.215E+03	.347E-03	.325E-03					<.219E+03
JUN	.220E+03	.11E-02	.436E-03					<.222E+03

JUL

AUG

SEP

OCT

NOV

DEC

AUG

74 SUM	.131E+09	<.381E-02	.3E-02					<.132E+01
PRE SUM	.231E+13	<.136E+01	<.332E+01	<.5E-01	<.1E2E+00	<.313E+00	<.179E-01	<.102E+02
TOT SUM	.244E+10	<.10E+01	<.302E+01	<.56E-01	<.1E2E+00	<.313E+00	<.179E-01	<.11E+02

74 DECAY	.131E+09	<.381E-02	.259E-02					<.132E+01
PRE DECAY	.231E+10	<.10E+01	<.109E+01	<.99E-01	<.517E-02	<.725E+00	<.92E-02	<.102E+02
TOT DECAY	.244E+10	<.10E+01	<.1E9E+01	<.99E-01	<.517E-02	<.725E+00	<.92E-02	<.11E+02

MONTHLY MAXIMUM CONC		(UCI/ML) APR .451E-08	(UCI/ML) FEB .417E-07	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) FEB <.34E-08
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AVERAGE CONC		<.179E-08	.271E-07					<.37E-03
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TABLE 13

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GF UND FROM 1/1 TO 6/30 1974 AT
DISPOSAL SITE 216-B-3 FUND
WASTE STREAM DESCRIPTION- PUREX CHEMICAL SEWAGE, SINCE JANUARY 1, 1968.

1974	VOLUME (L)	PU (GM)	RETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)	U-233 (GM)
JAN	.40E+00	<.135E-01	.1.1E-01	<.512E-02	<.1.3E-02	<.340E-03	<.29E-03	<.238E+00	
FEB	.409E+00	<.135E-01	.24E-01	.627E-02	<.2.4E-02	<.212E-02	<.323E-03	<.221E+00	
MAR	.409E+00	<.171E-01	.101E-01	<.248E-02	<.197E-02	<.400E-03	<.389E-03	.37E+00	
APR	.409E+00	<.134E-01	.616E-03					<.222E+00	
MAY	.409E+00	.11E-01	.9E-03					.239E+00	
JUN	.409E+00	.102E-01	.162E-02					<.219E+00	
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
ADJ									
74 SUM	.245E+00	<.803E-01	.525E-01	<.134E-01	<.003E-02	<.286E-02	<.124E-02	<.151E+01	
F74 SUM	.241E+00	<.185E+02	.205E+03	.40E+01	.796E+02	.492E+01	.272E+01	<.210E+02	<.001E+01
TOT SUM	.266E+00	<.135E+02	.205E+03	.40E+01	.796E+02	.492E+01	.272E+01	<.225E+02	<.001E+01
74 DECAY	.245E+00	<.3.3E-01	.433E-01	<.137E-01	<.506E-02	<.28E-02	<.118E-02	<.151E+01	
PRE DECAY	.241E+00	<.1.5E+02	.212E+02	.352E+01	<.172E+01	.430E+01	.13E+01	<.213E+02	<.681E+01
TOT DECAY	.266E+00	<.136E+02	.213E+02	.353E+01	<.172E+01	.430E+01	.137E+01	<.225E+02	<.681E+01
MONTHLY MAXIMUM CONC		(UCI/ML) MAR <.205E-07	(UCI/ML) FEB .598E-06	(UCI/ML) FEB .1E-06	(UCI/ML) FEB <.671E-07	(UCI/ML) FEB <.518E-07	(UCI/ML) JAN <.129E-07	(UCI/ML) MAR .305E-08	
AVERAGE CONC		<.21E-07	.21E-07	<.5E-07	<.2E-07	<.117E-07	<.50E-08	<.20E-08	

TABLE 19

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO SEWAGE FROM 1/1 TO 6/30 1974 AT
 JISFOCAL SITE 210-8-03 SUMMARY
 WASTE STREAM DESCRIPTION - PLANT CHEMICAL SEWER, PLANT COOLING WATER AND ITS-2 COOLING WATER

1974	VOLUME (L)	PJ (G)	ETA (CI)	SA-90 (CI)	RU-136 (CI)	CS-137 (CI)	CO-63 (CI)	U (KG)
JAN	1.7 +04	<.2+3E-02	<.6+9E-02	.201E-02				<.1+1E+00
FEB	.212E+04	<.2+5E-02	<.8+6E-02	.252E-02				<.11+E+00
MAR	.231E+04	<.2+6E-02	<.3+7E-01					<.12+E+00
APR	.2+6E+04	<.2+8E-02	.107E-01	.234E-02				<.133E+00
MAY	.189E+07	<.139E-03	<.8+2E-03	.020E-04				<.110E-01
JUN	.255E+04	<.239E-02	.729E-02					<.1+1E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								

74 SUM	.123E+09	<.131E-01	<.988E-01	.693E-02	<.139E+00	<.979E+00	<.13E-01	<.66E+00
PRE SUM	.1+2E+10	<.227E+00	<.8+8E+01	.171E+01	<.139E+00	<.979E+00	<.13E-01	<.7+6E+01
TOT SUM	.155E+10	<.2+0E+00	<.875E+01	.172E+01	<.139E+00	<.979E+00	<.13E-01	<.822E+01

7+ DEC DAY	.123E+09	<.131E-01	<.537E-01	.683E-02	<.175E-01	<.931E+00	<.102E-01	<.800E+00
PRE DAY	.1+2E+10	<.227E+00	<.5+2E+01	.1+0E+01	<.175E-01	<.931E+00	<.102E-01	<.7+0E+01
TOT DAY	.155E+10	<.2+0E+00	<.507E+01	.157E+01	<.175E-01	<.931E+00	<.102E-01	<.822E+01

MONTHLY MAXIMUM CONC	(UCI/ML) FEB <.7+0E-08	(UCI/ML) MAR <.1+5E-05	(UCI/ML) FEB .119E-06	(UCI/ML) (UCI/ML) (UCI/ML) MAY <.19+E-03
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AVERAGE CONC	<.9+2E-03	<.9+0E-06	.56E-07	<.103E-03
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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO POND FROM 1/1 TO 06/30 1974 AT
DISPOSAL SITE 210-B-03 F2 NM
WASTE STREAM DESCRIPTION- 3 PLANT CHEMICAL SLURRY FROM MAY 7, 1970 TO DATE.

1974	VOLUME (L)	PU (G)	DELTA (G)	SK-J0 (CI)	RU-106 (CI)	CC-107 (CI)	CO-60 (CI)	U (KGM)
JAN	2172+00	<.2-3--02	<.303--02	.201E-02				<.141E+00
FEB	212+00	<.2-2E-02	<.340--02	.252E-02				<.114E+00
MAR	23+00	<.2-3--02	<.334--01					<.12E+00
APR	246+00	<.2-3E-02	.107E-01	.234E-02				<.133E+00
MAY	189E+07	<.139E-03	<.905--03	.620E-04				<.110E-01
JUN	255E+00	<.239--02	.724E-02					<.141E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
TOT								

74 SUM	123E+09	<.131E-01	<.088--01	.693E-02	<.1-2--00	<.07E+00	<.134--01	<.660E+00
PRE SUM	128E+10	<.13E+00	<.077+01	.172E+01	<.1-2--00	<.07E+00	<.134E-01	<.07E+01
TOT SUM	1+3E+10	<.209E+00	<.984E+01	.172E+01	<.1-2E+00	<.070E+00	<.134E-01	<.71E+01
74 DECAT	123E+09	<.131E-01	<.037--01	.084E-02	<.177--01	<.028E+00	<.101E-01	<.060E+00
PRE DECAT	12E+10	<.13E+00	<.533--01	.157E+01	<.177--01	<.028E+00	<.101E-01	<.07E+01
TOT DECAT	140E+10	<.209E+00	<.503E+01	.157E+01	<.177--01	<.028E+00	<.101E-01	<.71E+01

MONTHLY	UUCI/ML	UUCI/ML	UUCI/ML	UUCI/ML	UUCI/ML	UUCI/ML	UUCI/ML
MAXIMUM	F23	MAV	F2B				MAY
CONC	<.7+0E-08	<.1-5E-05	.11E-06				<.194E-08

AVERAGE	<.2E-08	<.1E0--00	.00E-07				<.109E-08
CONC							

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 AT
DISPOSAL SITE 216-S-11 PUNE
WASTE STREAM DESCRIPTION- 202-S CHEMICAL SEWER

1974	VOLUME (L)	FU (G)	BETA (CI)	SR-90 (CI)	RU-140 (CI)	Co-137 (CI)	Co-60 (CI)	U (KGY)
JAN	1090+03	<.363E-04	.145E-03					<.173E+03
FEB	113+08	.131E-03	.831E-03					<.155E+03
MAR	109E+08	.496E-03	.208E-03					<.171E+00
APR	109E+08	.114E-02	.238E-03					<.105E+00
MAY	109E+08	.795E-04	.262E-03					<.171E+00
JUN	109E+08	<.402E-04	.113E-03					<.165E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	117E+05	.193E-02	.182E-02	.111E+01	.101E+02	.111E+01	<.133E+03	<.997E+00
PRE SUM	.322E+10	<.228E+00	.131E+03	.111E+01	.131E+02	.111E+01	<.133E+03	<.270E+02
TOT SUM	.332E+10	<.230E+00	.131E+03	.111E+01	.131E+02	.111E+01	<.133E+03	<.280E+02
74 DECAY	.987E+00	.133E-02	.129E-02	<.809E+00	<.725E-02	<.325E+00	<.529E-01	<.997E+00
PRE DECAY	.322E+10	<.228E+00	.353E+01	<.809E+00	<.725E-02	<.325E+00	<.529E-01	<.270E+02
TOT DECAY	.332E+10	<.230E+00	.358E+01	<.809E+00	<.725E-02	<.325E+00	<.529E-01	<.280E+02
MONTHLY MAXIMUM CONC		(UCI/ML) APR .430E-05	(UCI/ML) F=3 .544E-07	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) F=3 <.338E-08
AVERAGE CONC		.125E-05	.185E-07					<.337E-08

TABLE 22

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGE TO S.W.U. FROM 1/1 TO 10/30 1974 AT
DISPOSAL SITE 210-3-19 POND
WASTE STREAM DESCRIPTION: POND LABORATORY COOLING WATER AND SINK WASTE FROM JANUARY 1952 TO DATE.

1974	VOLUME (L)	PU (GM)	DEFM (CI)	CP-90 (CI)	RU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.291 +07	.021E-03	<.790E-00					<.331E-01
FEB	.245 +07	.245E-02	.440E-03					<.264E-01
MAR	.233 +07	.152E-02	.720E-04					<.309E-01
APR	.284E+07	.104E-02	<.786E-04					<.290E-01
MAY	.204E+07	.400E-03	.011E-03					<.290E-01
JUN	.211E+07	.109E-03	<.755E-04					<.287E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	.170E+08	.649E-02	<.136E-02					<.17E+00
PRED SUM	.723 +07	.11E+02	.325E+03	<.2E-02+01	<.0E-2 +01	<.227E+01	<.003E+01	<.100E+03
TOT SUM	.740E+09	.203E+02	.32E+03	<.2E+0E+01	<.002E+01	<.227E+01	<.563E+00	<.103E+03
74 DECAY	.170E+08	.0E+02	<.103E-02					<.17E+00
PRED DECAY	.728E+09	.255E+02	.390E+01	<.19E- +01	<.279E-01	<.18E+01	<.200E+00	<.103E+03
TOT DECAY	.745E+09	.265E+02	.490E+01	<.19E+01	<.253E-01	<.18E+01	<.200E+00	<.106E+03
MONTHLY MAXIMUM CONC		(UCI/ML) FEB .71E-07	(UCI/ML) MAY .215E-00	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JAN <.342E-05
AVERAGE CONC		.234E-07	<.790E-07					<.331E-05

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 AT
DISPOSAL CELL 216-T-4 FOND
WASTE STREAM IDENTIFICATION- 242-T EVAPORATOR CONDENSER COOLING WATER SINCE JANUARY 1, 1967.

197-	VOLUME (L)	PU (GM)	DATA (CI)	SR-90 (CI)	RU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG4)
JAN	.105E+07	<.035E-04	.355E-03					<.121E-01
FEB	.371E+06	<.114E-04	.813E-04					<.391E-02
MAR	.378E+07	<.107E-03	.764E-03					<.367E-01
APR	.809E+07	.418E-03	.176E-02					<.895E-01
MAY	.255E+08	<.335E-03	.307E-02					<.261E+00
JUN	.232E+08	<.305E-03	.278E-02					<.237E+00
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ	.131E+08 (1)							

74 SUM	.775E+09	<.124E-02	.881E-02			.109E+02	<.335E+01	<.640E+00
PRI SUM	.419E+11	<.367E+01	.500E+03	<.617E+01	.106E+03	.109E+02	<.335E+01	<.691E+03
TOT SUM	.419E+11	<.367E+01	.500E+03	<.617E+01	.106E+03	.109E+02	<.335E+01	<.691E+03

74 DECAY	.775E+08	<.124E-02	.730E-02			.906E+01	<.141E+01	<.640E+00
PRI DECAY	.419E+11	<.367E+01	.252E+02	<.502E+01	<.641E-01	.906E+01	<.141E+01	<.691E+03
TOT DECAY	.419E+11	<.367E+01	.252E+02	<.502E+01	<.641E-01	.906E+01	<.141E+01	<.691E+03

MONTHLY	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAY 1968	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN
CONC	<.353E-03	.325E-06						<.367E-03

AVE 242	<.352E-09	.114E-06						<.275E-03
CONC								

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

TABLE 2+

PAGE: 71

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1974 AT
 DISPOSAL SITE 210-U-10 SUMMARY
 WASTE STREAM DESCRIPTION- U PLANT, 2+2-S AND 241-SX COOLING WATER, 234-S AND 231-Z WASTE
 (Z-11 AND 7-13 DITCHES), LAUNDRY WASTE AND POWER HOUSE WASTE.

197-	VOLUME (L)	PL (GM)	BETA (CI)	SR-90 (CI)	KU-136 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.032E+09	<.040E+01	<.72E+01					<.21E+01
FEB	.039E+09	<.039E+01	<.730E+01					<.40E+01
MAR	.044E+09	<.026E+00	<.172E+00					<.373E+01
APR	.041E+09	<.030E+00	<.022E+01					<.303E+01
MAY	.040E+09	.106E+01	<.930E+01					<.386E+01
JUN	.041E+09	<.021E+00	<.125E+00					<.351E+01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ	.597E+09 (1)							
74 SUM	.320E+10	<.272E+01	<.599E+00	<.220E+02	.319E+03	<.157E+02	<.430E+01	<.231E+02
PRE SUM	.121E+12	.811E+04	.305E+04	<.220E+02	.319E+03	<.157E+02	<.430E+01	.14E+00
TOT SUM	.125E+12	.811E+04	.305E+04	<.220E+02	.319E+03	<.157E+02	<.430E+01	.14E+00
74 DECAY	.320E+10	<.202E+01	<.404E+00	<.158E+02	<.115E+00	<.113E+02	<.170E+01	<.231E+02
PRE DECAY	.121E+12	.011E+04	.032E+02	<.158E+02	<.115E+00	<.113E+02	<.170E+01	.14E+00
TOT DECAY	.125E+12	.011E+04	.032E+02	<.158E+02	<.115E+00	<.113E+02	<.170E+01	.14E+00
MONTHLY MAXIMUM		(UCI/ML) MAY	(UCI/ML) MAR	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML) JAN
CUT C		.147E+00	<.338E+00					<.313E+00
AVERAGE CONC		<.389E+07	<.187E+00					<.271E+00

(1) THE VOLUME ADJ INCLUDES .57E+09 FROM 200 WEST POWER HOUSE AND .247E+08 FROM 221-U.

TABLE 23

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1974 AT
DISPOSAL SITE 216-U-10 JITCH
WASTE STREAM DESCRIPTION- LAUNDRY WASTE WATER (U-1- JITCH), SINCE JANUARY 1, 1968.

197-	VOLUME (L)	PU (G)	BETA (CI)	SR-10 (CI)	RU-1J6 (CI)	CS-137 (CI)	CC-60 (CI)	U (KGM)
JAN	.275-+07	.133-+02	.110E-02					
FEB	.300-+07	<.410E-02	.297E-02					
MAR	.414E+07	.703E-02	.172E-02					
APR	.338E+07	.189E-02	.171E-02					
MAY	.735-+07	.544E-02	.427E-02					
JUN	.735-+07	.344E-02	.900E-02					
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	.267E+08	<.24E-01	.218E-01					
PRE SUM	.278E+09	<.303E+00	<.334E+01					
TOT SUM	.327E+09	<.338E+00	<.350E+01					
74 DECAY	.267E+08	<.24E-01	.180E-01					
PRE DECAY	.278E+09	<.303E+00	<.189E+00					
TOT DECAY	.327E+09	<.388E+00	<.206E+00					
MONTHLY MAXIMUM CONC		(UCI/ML) MAR .113E-05	(UCI/ML) JUN .131E-05	(UCI/ML)	(UCI/ML)	(UCI/ME)	(UCI/ML)	(UCI/ML)
AVERAGE CONC		<.23E-07	.739E-08					

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 06/30 1974 AT
DISPOSAL SITE 216-U-10 DITCH

WASTE STREAM DESCRIPTION- 2-2-S EVAPORATOR-CRYSTALLIZER COOLING WATER FROM NOVEMBER 1973 TO DATE.

1974	VOLUME (L)	PU (GM)	BETA (CI)	SR-90 (CI)	RU-106 (CI)	CS-137 (CI)	CO-60 (CI)	U (KGM)
JAN	.372E+09	<.212E-02	.167E-01					<.337E+01
FEB	.374E+09	<.210E-02	.218E-01					<.379E+01
MAR	.378E+09	.171E-01	.718E-01					<.328E+01
APR	.372E+09	.702E-01	.225E-02					<.373E+01
MAY	.377E+09	.263E-01	.532E-02					<.360E+01
JUN	.321E+09	.121E-01	.632E-02					<.328E+01

JUL
AUG
SEP
OCT
NOV
DEC
ADJ

74 SUM	.212E+10	.990E-01	.879E-01					<.216E+02
PRE SUM	.312E+09	.803E-02	<.180E-01					<.330E+01
TOT SUM	.274E+10	.107E+00	<.107E+00					<.279E+02

74 DECAY	.212E+10	.990E-01	.613E-01					<.216E+02
PRE DECAY	.312E+09	.803E-02	<.830E-02					<.330E+01
TOT DECAY	.274E+10	.107E+00	<.696E-01					<.249E+02

MONTHLY	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM	APR	MAR	JAN	JAN
CONC	.722E-08	.120E-06	<.349E-08	<.349E-08

AVERAGE	.288E-08	.717E-07	<.339E-08	<.339E-08
CONC				

TABLE 27

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGE TO GROUND FROM 1/1 TO 00/30 197- AT
DISPOSAL SITE 210-J-10 DITCH

WASTE STREAM DESCRIPTION- 242-C VAPORATOR-CRYSTALLIZER STEAM CONDENSATE FROM NOVEMBER, 1973 TO DATE.

197-	VOLUME (L)	PU (GM)	BETA (CI)	50-90 (CI)	RU-150 (CI)	CO-137 (CI)	CO-60 (CI)	U (KGY)
JAN	122-+04	<.552E-00	<.533E-04					<.120E+00
FEB	108-+09	<.775E-00	<.241E-03					<.199E+00
MAR	922-+07	1.8E-03	<.802E-04					<.931E-01
APR	979-+07	1.11E-03	<.786E-04					<.991E-01
MAY	103-+08	1.7E-04	5.73E-03					<.102E+00
JUN	838-+07	<.420E-00	<.776E-04					<.920E-01
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								
74 SUM	605-+08	<.551E-03	<.129E-02					<.614E+00
PR. SUM	100-+08	<.337E-03	<.237E-03					<.111E+00
TOT SUM	710-+08	<.888E-03	<.152E-02					<.725E+00
74 DECAY	606-+08	<.561E-03	<.988E-03					<.614E+00
PR DECAY	100-+08	<.337E-03	<.133E-03					<.111E+00
TOT DECAY	710-+08	<.898E-03	<.113E-02					<.725E+00
MONTHLY		(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	
MAXIMUM		MAR	MAY				MAR	
CONF		1.95E-08	5.57E-07				<.338E-08	
AVE AGE								
CONF		<.608E-09	<.214E-07				<.337E-08	

MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND F-UM 1/1 TO 36/39 1972 AT
DISPOSAL SITE 218-U-10 WHICH
WASTE STREAM DESCRIPTION- 241-SX COOLING WATER, SINCE JANUARY 1, 1968.

1972	VOLUME (L)	PU (GM)	DATA (CI)	SR-95 (CI)	U-126 (CI)	U-137 (CI)	U-235 (CI)	U (KG4)
JAN	.112	.132E-03	.135E-02					<.113E+00
FEB	.137	.23E-03	.270E-02					<.135E+00
MAR	.152	.430E-03	.121E-02					<.137E+00
APR	.147	.297E-03	.692E-03					<.143E+00
MAY	.152	.203E-04	.287E-03					<.120E+00
JUN	.147	.20E-03	.32E-02					<.149E+00

JUL
AUG
SEP
OCT
NOV
DEC
ADJ

74 SUM	.338E+08	.188E-02	.128E-01	<.93E+00	<.111E+01	<.117E+01	<.3E1E+03	<.897E+00
PRE SUM	.104	<.6E+02	<.207E+02	<.93E+00	<.111E+01	<.117E+01	<.3E1E+03	<.897E+01
TOT SUM	.113	<.6E+02	<.208E+02	<.93E+00	<.111E+01	<.117E+01	<.3E1E+03	<.897E+01
74 DECAY	.688E+08	.188E-02	.937E-02	<.33E+00	<.13E+01	<.103E+01	<.1E1E+03	<.397E+00
PRE DECAY	.104	<.6E+02	<.3E1E+02	<.33E+00	<.13E+01	<.103E+01	<.1E1E+03	<.397E+01
TOT DECAY	.113E+10	<.6E+02	<.347E+01	<.33E+00	<.13E+01	<.103E+01	<.1E1E+03	<.397E+01

MONTHLY	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
MAXIMUM	APR	FEB						FEB
CONC	.243E-08	.41E-08						<.333E-08

AVERAGE	.132E-08	.144E-08						<.333E-08
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TABLE 29

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MONTHLY SUMMARY OF LIQUID WASTE DISCHARGED TO GROUND FROM 1/1 TO 6/30 1974 AT
DISPOSAL SITE 210-U-10 JITCH

WASTE STREAM DESCRIPTION- 231-7 COOLING WATER (7-19 DITCH FROM JANUARY 1972 TO DATE)

1974	VOLUME (L)	PU (GM)	B-1A (CI)	S-90 (CI)	RU-100 (CI)	CS-137 (CI)	CO-60 (CI)	U (KG)
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JAN	.224E+03	<.273E-02	<.301E-02					
FEB	.21E+03	<.629E-03	<.233E-02					
MAR	.223E+03	<.371E-01	<.346E-02					
APR	.225E+03	.113E+00	<.33E-02					
MAY	.224E+03	.426E-02	<.342E-02					
JUN	.22E+03	.217E-01	<.310E-02					
JUL								
AUG								
SEP								
OCT								
NOV								
DEC								
ADJ								

74 SUM	.134E+09	<.179E+00	<.189E-01					
PA SUM	.250E+09	<.218E+00	<.108E+00					
TOT SUM	.641E+09	<.398E+00	<.127E+00					

74 DECAY	.134E+09	<.179E+00	<.141E-01					
PA DECAY	.526E+09	<.218E+00	<.264E-01					
TOT DECAY	.641E+09	<.398E+00	<.405E-01					

MONTHLY MAXIMUM CONC	(UCI/ML) AF	(UCI/ML) MAR	(UCI/ML)	(UCI/ML)	(UCI/ML)	(UCI/ML)
	.308E-06	<.155E-06				

AVERAGE CONC		<.019E-07	<.14E-06			
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TABLE 3.

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MONTHLY SUMMARY OF LIQUID WASTE - DISCHARGE TO GROUND FROM 1/1 TO 12/31 1974
 WASTE STREAM DESCRIPTION - 234-5 COOLING WATER FROM JANUARY 1, 1968 TO DATE AND THE 231-2
 COOLING WATER FROM JANUARY 1, 1968 TO JANUARY 31, 1971. (Z-11 JILH
 FROM JANUARY 1, 1968 TO MAY 1971 AND Z-19 JILH FROM MAY 1971 TO DATE)

197-	VOLUME (L)	PU (L)	BETA (G)	SF-90 (G)	CU-126 (G)	CS-137 (G)	CO-60 (G)	U (KG)
JAN	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
FEB	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
MAR	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
APR	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
MAY	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
JUN	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
JUL	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
AUG	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
SEP	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
OCT	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
NOV	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
DEC	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
ADJ	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03	1.1E+03
74 SUM	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09
PRC SUM	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10
TOT SUM	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10
74 DECAV	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09	1.02E+09
PRC DECAV	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10	2.78E+10
TOT DECAV	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10	2.94E+10
MONTHLY								
MAXIMUM								
CONC								
AVERAGE								
CONC								

1. HW-55176 - WOOD, V. W., (INDEX OF CPD CR13 BUILDING NUMBERS, DESIGNS OF CPD RADIOACTIVE LIQUID WASTE DISPOSAL SITES), MARCH 10, 1956, 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. O., HANSON, G. L., KIEL, G. R., MCMURRY, G. J., AND NISICK, N. P., (INPUT AND DECAYED VALUES OF RADIOACTIVE LIQUID WASTES DISCHARGED TO THE GROUND IN THE 200 AREAS THROUGH 1971), MARCH 22, 1973, UNCLASSIFIED.
5. ARH-2757 - PART 3. ANDERSON, J. O., (RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND IN THE 200 AREAS DURING 1972), APRIL 9, 1973, UNCLASSIFIED.
6. ARH-2806 - 4Q REV. ANDERSON, J. O., (RADIOACTIVE LIQUID WASTES DISCHARGED TO GROUND IN THE 200 AREAS DURING 1973), MAY 14, 1974, UNCLASSIFIED.