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**SUMMARY OF RADIOACTIVE SOLID WASTE BURIALS
IN THE 200 AREAS DURING 1975**

J. D. Anderson

April 27, 1976

PREPARED FOR THE U.S. ENERGY RESEARCH AND DEVELOPMENT
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by Atlantic Richfield Hanford Company under Contract E(45-1)-2130

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INTRODUCTION

This document is issued quarterly for the purpose of summarizing the amount of radioactive materials that have been buried in the burial grounds. In addition to data for 1975, cumulative data since plant startup are presented. Also in this document is a listing of decayed activity to the various plant burial sites.

DISCUSSION

An overall summary is presented on pages 1 through 3 giving the amount of radioactive materials buried within the Production and Waste Management Division 200 Area plateau since startup. On pages 4 and 5 is a listing of the decayed activities buried in the various burial grounds from startup through 1975. Both the total and decayed summaries have item 2 of the bibliography as the basis.

An estimate is presented on pages 6 and 7 of the amount of radioactive materials in transuranic segregated burials. Pages 8 and 9 present the summary of waste burials during 1975, while pages 10 through 18 present the burials in each of the burial grounds.

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

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

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

It should be noted that the summation of ^{90}Sr , ^{106}Ru , ^{137}Cs and other radioactivity does not equal the total curie amount. The difference is the amount of other mixed fission products which are also present in the burials.

The data in this report supersede that contained in the first three quarters of document ARH-CD-369 3Q.

ESTIMATE STATUS OF SOLID WASTE BURIAL GROUNDS IN THE 200 AREAS
FROM START-UP TO 12/31 1975, INCLUDING SEGREGATED TRANSURANIC WASTE

PAGE 1

200 EAST AREA	SURFACE AREA (SQUARE FT)	VOLUME (CUBIC FEET)	URANIUM (GRAMS)	PLUTONIUM (GRAMS)	OTHER RADIOACTIVITY (GRAMS)
DRY WASTE NO. 001	.111E+06	.107E+06	.400E+06	.900E+03	
DRY WASTE NO. 121	.256E+06	.530E+06	.220E+06	.893E+04	
DRY WASTE NO. 123	.452E+06	.406E+06	.700E+04	.127E+04	.560E+02
MIXED CONSTRUCTION NO. 4	.156E+06	.563E+06	.100E+04	.130E+02	
CONSTRUCTION (NO NUMBER)	.750E+06	.103E+06	.200E+04	.200E+02	
222 VAULTS	.200E+04	.500E+04	.100E+04	.100E+01	
INDUSTRIAL WASTE NO. 002	.298E+06	.310E+06	.300E+06	.200E+03	
INDUSTRIAL WASTE NO. 00F	.102E+06	.112E+06	.120E+06	.620E+03	
INDUSTRIAL WASTE NO. 0FA	.227E+06	.210E+06	.120E+06	.138E+04	
INDUSTRIAL WASTE NO. 010	.705E+06	.547E+06	.811E+06	.403E+04	
PUREX TUNNEL NO. 1	.216E+06	.201E+06			
PUREX TUNNEL NO. 2	.102E+06	.132E+06		<.530E+03	
TOTAL 200-E	.330E+07	.243E+07	.274E+07	.194E+05	.560E+02
TOTAL 200-F	.757E+02				

	TOTAL (CURIES)	CF-90 (CURIES)	CU-106 (CURIES)	CU-137 (CURIES)	OTHER RADIOACTIVITY (CURIES)
DRY WASTE NO. 001	.100E+03	.190E+01	.420E+01	.212E+01	
DRY WASTE NO. 121	.290E+03	.177E+02	.381E+02	.140E+02	
DRY WASTE NO. 123	.113E+06	.230E+03	.503E+03	.274E+03	
MIXED CONSTRUCTION NO. 4	.100E+02	.190E+00	.42E+00	.212E+00	
CONSTRUCTION (NO NUMBER)	.100E+02	.190E+00	.42E+00	.212E+00	
222 VAULTS	.600E+03	.11E+02	.257E+02	.127E+02	
INDUSTRIAL WASTE NO. 002	.250E+06	.497E+03	.107E+04	.531E+03	
INDUSTRIAL WASTE NO. 00F	.750E+04	.14E+00	.321E+03	.159E+03	
INDUSTRIAL WASTE NO. 0FA	.165E+06	.32E+03	.707E+03	.350E+03	
INDUSTRIAL WASTE NO. 010	.211E+06	.136E+05	.105E+05	.140E+05	.100E+04
PUREX TUNNEL NO. 1	.678E+05	.175E+04	.376E+04	.176E+04	
PUREX TUNNEL NO. 2	.155E+05	.404E+02	.865E+02	.432E+02	.175E+03
TOTAL 200-F	.451E+06	.167E+07	.175E+07	.172E+05	.185E+05

ESTIMATED STATUS OF SOLID WASTE BURIAL GROUNDS IN THE 200 AREAS
FROM START-UP TO 12/31 1975, INCLUDING SEGREGATED TRANSURANIC WASTE
(CONTINUED)

PAGE 2

BURIAL GROUND 200 WEST AREA	SURFACE AREA (SQUARE FT)	VOLUME (CUBIC FEET)	UFANIUM (GRAMS)	PLUTONIUM (GRAMS)	OTHER RADIOACTIVITY (GRAMS)
DRY WASTE NO. 001	.331E+06	.253E+06	.700E+06	.940E+05	
DRY WASTE NO. 002	.306E+06	.291E+05	.140E+07	.126E+06	
DRY WASTE NO. 003	.402E+06	.385E+06	.700E+08	.680E+05	.600E+08
222-T VAULTS	.250E+03	.240E+04	.300E+03	.300E+00	
222-S VAULTS	.250E+03	.560E+04	.700E+03	.700E+00	
INDUSTRIAL WASTE NO. 001	.413E+06	.484E+06	.900E+06	.200E+04	
INDUSTRIAL WASTE NO. 002	.873E+06	.672E+06	.200E+07	.638E+04	
DRY WASTE NO. 03A	.547E+06	.739E+06	.170E+08	.132E+05	.628E+06
DRY WASTE NO. 04A	.710E+06	.625E+06	.500E+09	.354E+05	.250E+09
DRY WASTE NO. 04B	.453E+06	.344E+06	.536E+07	.428E+05	.866E+05
CAISSON - NO. 1		.225E+03	.154E+06	.473E+03	.820E+04
CAISSON - NO. 2		.800E+01		<.500E+00	
CAISSON - NO. 3		.191E+03	.100E+06	.474E+03	
CAISSON - NO. 4		.166E+03	.486E+05	.730E+03	.581E+05
CAISSON - NO. 5		.107E+03			
CAISSON - ALPHA 1		.205E+03	.407E+05	.145E+04	.888E+04
CAISSON - ALPHA 2		.206E+03	.230E+04	.717E+03	
DRY WASTE NO. 212-N		.765E+04		.400E+02	
TOTAL 200-W	.404E+07	.370E+07	.598E+09	.392E+06	.311E+09
TOTAL ACRES	.926E+02				
TOTAL 200 AREAS	.733E+07	.621E+07	.601E+09	.411E+06	.311E+09
TOTAL ACRES	.168E+03				

ESTIMATED STATUS OF SOLID WASTE BURIAL GROUNDS IN THE 200 AREAS
FROM START-UP TO 12/31 1975, INCLUDING SEGREGATED TRANSURANIC WASTE
(CONTINUED)

PAGE 3

	TOTAL (CURIES)	SR-90 (CURIES)	PLU-106 (CURIES)	CS-137 (CURIES)	OTHER RADIOACTIVITY (CURIES)
DRY WASTE NO. 001	.200E+03	.398E+01	.857E+01	.425E+01	
DRY WASTE NO. 002	.500E+03	.994E+01	.214E+02	.106E+02	
DRY WASTE NO. 003	.900E+03	.179E+02	.385E+02	.191E+02	
222-T VAULTS	.770E+03	.153E+02	.330E+02	.164E+02	
222-S VAULTS	.403E+04	.801E+02	.173E+03	.856E+02	
INDUSTRIAL WASTE NO. 001	.480E+05	.955E+03	.206E+04	.102E+04	
INDUSTRIAL WASTE NO. 002	.242E+06	.492E+04	.104E+05	.515E+04	
DRY WASTE NO. 03A	.684E+06	.172E+05	.623E+04	.183E+05	.520E+06
DRY WASTE NO. 04A	.301E+04	.599E+02	.129E+03	.639E+02	
DRY WASTE NO. 04B	.252E+06	.339E+03	.730E+03	.362E+03	.235E+06
CAISSON - NO. 1	.318E+03	.163E+02	.350E+02	.174E+02	
CAISSON - NO. 2	.200E+02	.399E+00	.857E+00	.425E+00	
CAISSON - NO. 3	.185E+05	.362E+03	.792E+03	.393E+03	
CAISSON - NO. 4	.571E+05	.113E+04	.244E+04	.121E+04	
CAISSON - NO. 5	.978E+03	.435E+03	.347E+00	.172E+00	
CAISSON - ALPHA 1	.139E+06	.695E+03	.150E+04	.742E+03	.522E+05
CAISSON - ALPHA 2	.163E+05	.333E+03	.718E+03	.356E+03	
DRY WASTE NO. 212-N					
TOTAL 200-W	.147E+07	.264E+05	.253E+05	.277E+05	.868E+06
TOTAL 200 AREAS	.192E+07	.431E+05	.423E+05	.449E+05	.886E+06

ESTIMATED DECAYED STATUS OF SOLID WASTE BURIAL GROUNDS IN THE
200 AREAS FROM START-UP TO 12/31 1975, INCLUDING SEGREGATED
TRANSURANIC WASTES

PAGE 4

BURIAL GROUND	TOTAL (CURIES)	SP-90 (CURIES)	FU-106 (CURIES)	CS-137 (CURIES)	OTHER RADIOACTIVITY (CURIES)
200 EAST AREA					
DRY WASTE NO. 001	.431E+01	.104E+01	.115E-06	.115E+01	
DRY WASTE NO. 124	.576E+02	.131E+02	.381E-01	.143E+02	
DRY WASTE NO. 128	.205E+04	.211E+03	.660E+02	.227E+03	
MINDA CONSTRUCTION NO. 4	.500E+00	.120E+00	.309E-06	.133E+00	
CONSTRUCTION (NO NUMBER)	.548E+00	.131E+00	.366E-05	.144E+00	
222 VAULTS	.262E+02	.630E+01	.770E-06	.701E+01	
INDUSTRIAL WASTE NO. 002	.113E+04	.271E+03	.742E-04	.301E+03	
INDUSTRIAL WASTE NO. 005	.377E+03	.906E+02	.308E-03	.999E+02	
INDUSTRIAL WASTE NO. 05A	.888E+03	.213E+03	.437E-02	.233E+03	
INDUSTRIAL WASTE NO. 010	.594E+05	.128E+05	.350E+03	.131E+05	.715E+03
PUREX TUNNEL NO. 1	.517E+04	.122E+04	.213E+00	.133E+04	
PUREX TUNNEL NO. 2	.114E+05	.343E+02	.138E+01	.370E+02	.112E+05
TOTAL 200-E	.805E+05	.140E+05	.417E+03	.154E+05	.119E+05

ESTIMATED DECAYED STATUS OF SOLID WASTE SURFICIAL GROUNDS IN THE
200 AREAS FROM START-UP TO 12/31 1975, INCLUDING SEGREGATED
TRANSURANIC WASTES (CONTINUED)

PAGE 5

SURFICIAL GROUND 200 WEST AREA	TOTAL (CURIES)	SF-90 (CURIES)	RU-106 (CURIES)	CS-137 (CURIES)	OTHER RADIOACTIVITY (CURIES)
DRY WASTE NO. 001	.864E+01	.207E+01	.274E-06	.231E+01	
DRY WASTE NO. 002	.249E+02	.599E+01	.178E-04	.661E+01	
DRY WASTE NO. 003	.494E+02	.118E+02	.409E-03	.129E+02	
222-T VAULTS	.338E+02	.813E+01	.112E-05	.904E+01	
222-S VAULTS	.210E+03	.504E+02	.714E-03	.554E+02	
INDUSTRIAL WASTE NO. 001	.216E+04	.519E+03	.163E-03	.576E+03	
INDUSTRIAL WASTE NO. 002	.139E+05	.319E+04	.121E+02	.3F0E+04	
DRY WASTE NO. 03A	.552E+06	.165E+05	.197E+04	.176E+05	.411E+06
DRY WASTE NO. 04A	.208E+03	.463E+02	.249E+00	.503E+02	
DRY WASTE NO. 04B	.165E+06	.290E+03	.115E+02	.313E+03	.163E+06
CAISSON - NO. 1	.675E+02	.137E+02	.306E+00	.148E+02	
CAISSON - NO. 2	.171E+01	.339E+00	.967E-02	.366E+00	
CAISSON - NO. 3	.160E+04	.314E+03	.958E+01	.339E+03	
CAISSON - NO. 4	.546E+04	.992E+03	.573E+02	.107E+04	
CAISSON - NO. 5	.873E+03	.435E+03	.179E+00	.163E+03	
CAISSON - ALPHA 1	.542E+04	.612E+03	.471E+02	.6F9E+03	.945E+03
CAISSON - ALPHA 2	.596E+04	.320E+03	.277E+03	.343E+03	
DRY WASTE NO. 212-N					
TOTAL 200-W	.753E+06	.233E+05	.239E+04	.245E+05	.575E+06
TOTAL 200 AREAS	.933E+06	.381E+05	.281E+04	.399E+05	.587E+06

SUMMARY
200 AREAS SEGREGATED LAND BURIAL FROM 1970-TO DATE
CPD RADIOACTIVE WASTE BURIAL GROUNDS, INCLUDING V7 TRENCH

PAGE 6

BURIAL GROUND	SURFACE AREA (SQUARE FT)	VOLUME (CUBIC FEET)	URANIUM (GRAMS)	PLUTONIUM (GRAMS)	OTHER RADIOACTIVITY (GRAMS)
200 EAST AREA					
DRY WASTE NO. 128 TRANSURANIC	.229E+05	.227E+05		.112E+03	.560E+02
TOTAL 200-E	.229E+05	.227E+05		.112E+03	.560E+02
	TOTAL (CURIES)	SP-90 (CURIES)	PU-106 (CURIES)	CS-137 (CURIES)	OTHER RADIOACTIVITY (CURIES)
DRY WASTE NO. 128 TRANSURANIC	.307E+03	.611E+01	.132E+02	.653E+01	
TOTAL 200-E	.307E+03	.611E+01	.132E+02	.653E+01	

SUMMARY

PAGE 7

200 AREAS SEGREGATED LAND BURIAL FROM 1970-TO DATE
 CPD RADIOACTIVE WASTE BURIAL GROUNDS, INCLUDING V7 TRENCH

BURIAL GROUND 200 WEST AREA	SURFACE AREA (SQUARE FT)	VOLUME (CUBIC FEET)	URANIUM (GRAMS)	PLUTONIUM (GRAMS)	OTHER RADIOACTIVITY (GRAMS)
DRY WASTE NO. 03A					
TRANSURANIC	.426E+05	.790E+05	.991E+04	.803E+04	.777E+03
TRANSURANIC-OFFSITE	.116E+05	.397E+04	.405E+05	.470E+04	
DRY WASTE NO. 04B					
TRANSURANIC	.539E+05	.868E+05	.516E+06	.336E+05	.364E+05
TRANSURANIC-CAISSON		.410E+03	.430E+05	.217E+04	.888E+04
TRANSURANIC-OFFSITE		.314E+04	.202E+07	.940E+03	.261E+05
DRY WASTE NO. 212-N					
TRANSURANIC		.765E+04		.400E+02	
TOTAL 200-W	.108E+06	.181E+06	.262E+07	.495E+05	.722E+05
TOTAL 200 AREAS	.131E+06	.204E+06	.262E+07	.496E+05	.723E+05
	TOTAL (CURIES)	SP-90 (CURIES)	U-106 (CURIES)	CS-137 (CURIES)	OTHER RADIOACTIVITY (CURIES)
DRY WASTE NO. 03A					
TRANSURANIC	.887E+02	.127E+01	.273E+01	.135E+01	.250E+02
TRANSURANIC-OFFSITE	.237E+06	.169E+05	.581E+04	.171E+05	.152E+06
DRY WASTE NO. 04B					
TRANSURANIC	.708E+03	.141E+02	.303E+02	.150E+02	
TRANSURANIC-CAISSON	.156E+06	.103E+04	.221E+04	.110E+04	.522E+05
TRANSURANIC-OFFSITE	.980E+03	.950E-01	.183E+00	.907E-01	.975E+03
DRY WASTE NO. 212-N					
TRANSURANIC					
TOTAL 200-W	.395E+06	.176E+05	.805E+04	.182E+05	.205E+06
TOTAL 200 AREAS	.395E+06	.176E+05	.807E+04	.182E+05	.205E+06

SUMMARY
 LAND BURIAL FROM 1/1 TO 12/31 1975
 CPD RADIOACTIVE WASTE BURIAL GPOUNDS, 200 AREAS

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BURIAL GROUND 200 EAST AREA	SURFACE AREA (SQUARE FT)	VOLUME (CUBIC FEET)	URANIUM (GRAMS)	PLUTONIUM (GRAMS)	OTHER RADIOACTIVITY (GRAMS)
INDUSTRIAL WASTE NO. 010	.122E+05	.711E+04			
INDUSTRIAL WASTE NO. 12B		.257E+04			
DRY WASTE NO. 12B					
NONTRANSURANIC	.511E+05	.478E+05			
TOTAL 200-E	.632E+05	.575E+05			

	TOTAL (CURIES)	SR-90 (CURIES)	RU-106 (CURIES)	CS-137 (CURIES)	OTHER RADIOACTIVITY (CURIES)
INDUSTRIAL WASTE NO. 010	.357E+05	.878E+04	.579E+02	.878E+04	
INDUSTRIAL WASTE NO. 12B	.408E+02	.811E+00	.175E+01	.867E+00	
DRY WASTE NO. 12B					
NONTRANSURANIC	.119E+04	.265E+02	.506E+02	.281E+02	
TOTAL 200-E	.369E+05	.880E+04	.110E+03	.881E+04	

SUMMARY
LAND BURIAL FROM 1/1 TO 12/31 1975
CPC RADIOACTIVE WASTE BURIAL GROUNDS, 200 AREAS

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BURIAL GROUND	SURFACE AREA	VOLUME	URANIUM	PLUTONIUM	OTHER RADIOACTIVITY
200 WEST AREA	(SQUARE FT)	(CUBIC FEET)	(GRAMS)	(GRAMS)	(GRAMS)
DRY WASTE NO. 03A					
NONTRANSURANIC	.958E+05	.195E+06	.272E+07	<.377E+01	.295E+06
TRANSURANIC	.197E+05	.580E+06		.434E+04	
TOTAL	.106E+06	.253E+06	.272E+07	.434E+04	.295E+06
DRY WASTE NO. 04B					
NONTRANSURANIC-CAISSON		.101E+03			
TRANSURANIC	.500E+04	.159E+05	.723E+05	.196E+05	.300E+00
TRANSURANIC-CAISSON		.747E+02	.944E+03	.211E+03	
TRANSURANIC-OFFSITE		.148E+03	.757E+04	.661E+03	.132E+03
TOTAL	.500E+04	.161E+05	.808E+05	.195E+05	.132E+03
TOTAL 200-W	.111E+06	.269E+06	.280E+07	.239E+05	.295E+06
TOTAL 200 AREAS	.174E+06	.327E+06	.280E+07	.239E+05	.295E+06
	TOTAL	SR-90	PU-106	CS-137	OTHER RADIOACTIVITY
	(CURIES)	(CURIES)	(CURIES)	(CURIES)	(CURIES)
DRY WASTE NO. 03A					
NONTRANSURANIC	.196E+04	.248E+02	.534E+02	.273E+02	.707E+03
TRANSURANIC	.662E+02	.827E+00	.177E+01	.876E+00	.250E+02
TOTAL	.202E+04	.256E+02	.552E+02	.292E+02	.732E+03
DRY WASTE NO. 04B					
NONTRANSURANIC					
NONTRANSURANIC-CAISSON	.378E+03	.435E+03	.343E+00	.170E+00	
TRANSURANIC	<.818E+01	<.163E+03	<.350E+00	<.174E+00	
TRANSURANIC-CAISSON	.450E+04	.897E+02	.193E+03	.956E+02	
TRANSURANIC-OFFSITE					
TOTAL	.539E+04	.625E+03	.193E+03	.959E+02	
TOTAL 200-W	.741E+04	.659E+03	.242E+03	.124E+03	.732E+03
TOTAL 200 AREAS	.443E+05	.137E+04	.357E+03	.303E+04	.732E+03

BUPIAL GROUND 010, AREA 200-E, WASTE TYPE - INDUSTRIAL

TRENCH 06, PERIOD 01/01/75 TO 09/30/75 (N-44860 TO N-44590), (W-55325 TO W-55325)

SHIPPER	TYPE*	VOLUME CU. FT.	PU GRAMS	TOTAL CURIES	SR-90 CURIES	RU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
ARHCO ,221-B ,200-E	3	.615E+04		.357E+05	.878E+04	.579E+02	.878E+04			
ARHCO ,221-T ,200-W	1	.960E+03		<.100E+01	<.199E-01	<.428E-01	<.212E-01			
TOTAL (.279E+00 ACRES)		.711E+04		.357E+05	.878E+04	.579E+02	.878E+04			

*TYPE SEE APPENDIX A

BURIAL GROUND 12B, AREA 200-E, WASTE TYPE - MONTANSURANIC

TRENCH 14, PERIOD 01/01/75 TO 10/17/75 (N-44661 TO N-45498), (W-48984 TO W-48984)
 TRENCH 16, PERIOD 10/20/75 TO 12/31/75 (N-44518 TO N-44919), (W-49144 TO W-49144)
 TRENCH 18, PERIOD 10/16/75 TO 10/16/75 (N-45488 TO N-45537), (W-49144 TO W-49144)

SHIPPER	TYPE*	VOLUME CU. FT.	PU GRAMS	TOTAL CURIES	SF-90 CURIES	PU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
ARHCO ,2ETF ,200-E	3	.185E+05		.108E+04	.214E+02	.462E+02	.229E+02			
ARHCO ,202-A ,200-E	1	.338E+03		<.526E-01<	.105E-02<	.225E-02<	.112E-02			
ARHCO ,202-BL,200-E	1	.406E+03		.135E+00	.269E-02	.580E-02	.298E-02			
ARHCO ,221-B ,200-E	3	.483E+04		.564E+02	.112E+01	.241E+01	.120E+01			
ARHCO ,225-B ,200-E	1	.235E+04		.157E+02	.306E+01	.169E+00	.307E+01			
ARHCO ,2101-" ,200-E	2	.140E+02								
BNW ,242-B ,200-E	1	.370E+02		<.700E-03<	.139E-04<	.300E-04<	.140E-04			
JAJ ,224-B ,200-E	1	.239E+05		.830E+02	.165E+01	.355E+01	.176E+01			
TOTAL (.117E+01 ACRES)		.503E+05		.123E+04	.273E+02	.523E+02	.289E+02			

*TYPE SEE APPENDIX A

BURIAL GROUND 03A, AREA 200-W, WASTE TYPE - NONTRANSURANIC

TRENCH 04, PERIOD 01/01/75 TO 01/10/75 (N-44500 TO N-44500), (W-77606 TO W-77535)
 TRENCH 08, PERIOD 06/01/75 TO 06/30/75 (N-44660 TO N-44600), (W-78060 TO W-78004)
 TRENCH 21, PERIOD 01/01/75 TO 06/03/75 (N-45240 TO N-45240), (W-78058 TO W-77160)
 TRENCH 25, PERIOD 05/20/75 TO 10/03/75 (N-45400 TO N-45400), (W-78070 TO W-77160)
 TRENCH 34, PERIOD 10/31/75 TO 12/31/75 (N-45760 TO N-45760), (W-78070 TO W-77738)
 TRENCH 30, PERIOD 10/07/75 TO 10/24/75 (N-45600 TO N-45600), (W-78070 TO W-77859)

SHIPPER	TYPE*	VOLUME CU. FT.	PU GRAMS	TOTAL CURIES	SR-90 CURIES	RU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
ARHCO ,2WTF ,200-W	3	.253E+05		.390E+03	.776E+01	.167E+02	.829E+01			
ARHCO ,221-T ,200-W	1	.711E+04		.245E+01	.487E-01	.105E+00	.520E-01			
ARHCO ,222-S ,200-W	3	.102E+05		.267E+03	.532E+01	.114E+02	.568E+01			
ARHCO ,234-SZ,200-W	1	.884E+03								
ARHCO ,2713-W,200-W	1	.505E+03								
ARHCO ,2724 ,200-W	1	.324E+04		.990E-01	.197E-02	.424E-02	.210E-02			
ARHCO ,1171 ,1100	1	.480E+02								
ARHCO ,277-W ,200-W	1	.210E+03<.100E+01								
ARHCO ,284-W ,200-W	1	.640E+02								
BNW ,141-F ,100-F	1	.525E+04		.525E-01	.104E-02	.225E-02	.112E-02			
BNW ,209-E ,200-E	1	.296E+02								
BNW ,221-T ,200-W	3	.491E+03								
BNW ,309 ,300	3	.517E+03		.121E+01	.241E-01	.518E-01	.257E-01			
BNW ,318-A ,300	2	.400E+02		.100E+01	.199E-01	.428E-01	.212E-01			
BNW ,324 ,300	3	.664E+03		.141E+03<.199E-03<.428E-03<.212E-03					.141E+03 CE144,PR144,	
BNW ,306 ,300	1	.152E+03						.331E+06D		
BNW ,325 ,300	3	.195E+05		<.975E+01<.194E+00<.417E+00<.207E+00				.800E+03E		
								.120E+07D		
BNW ,325A ,300	1	.480E+03		.320E+00	.636E-02	.137E-01	.680E-02			
BNW ,329 ,300	1	.320E+03								
UNI ,100-K ,100-K	1	.235E+03		.500E-02	.994E-04	.214E-03	.106E-03			
UNI ,105-KE,100-K	1	.253E+04		.615E+01	.581E-01	.125E+00	.847E+00		.173E+01 C060,	
UNI ,105-KW,100-K	1	.672E+03		.100E+02	.139E+00	.300E+00	.149E+00		.300E+01 C060,	
UNI ,105-V ,100-N	3	.568E+05		.109E+04	.105E+02	.226E+02	.112E+02		.561E+03 C060,	
UNI ,190-C ,100-C	1	.319E+03		.955E+01	.190E+00	.409E+00	.203E+00			
UNI ,333 ,300	1	.852E+03						.575E+03E		
JAJ ,224-B ,200-E	3	.362E+05<.103E+01<.557E+01<.111E+00<.238E+00<.120E+00							.110E-01 C060,	
WHCO ,325 ,300	3	.212E+05<.174E+01<.232E+02<.461E+00<.992E+00<.492E+00								
TOTAL (.197E+01 ACRES)		.194E+06<.377E+01		.195E+04	.248E+02	.534E+02	.273E+02	.153E+07	.707E+03	

*TYPE SEE APPENDIX A

BURIAL GROUND 03A, AREA 200-W, WASTE TYPE - NONTRANSURANIC-OFFSITE

TRENCH 3C, PERIOD 10/10/75

(V-45600 AND W-77964), ONE BUTIAL

SHIPPER	TYPE*	VOLUME CU. FT.	PU GRAMS	TOTAL CURIES	SE-90 CURIES	SU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
LPL, LIVERMORE CALIF.	1	.141E+04						.150E+05 .118E+07	*1	.295E+06
TOTAL		.141E+04						.120E+07		.295E+06

*TYPE SEE APPENDIX A

*1 (H, .294E+06), (LI .110E+05), (H-2, .200E+03),

BURIAL GROUND 03A, AREA 200-W, WASTE TYPE - TRANSURANIC

TRENCH 30, PERIOD 10/28/75 TO 10/29/75 (N-45600 TO N-45600), (W-77859 TO W-77837)
 TRENCH 00, PERIOD 04/01/75 TO 04/11/75 (N-44660 TO N-44660), (W-77436 TO W-77595)
 TRENCH 00, PERIOD 04/01/75 TO 04/11/75 (N-44660 TO N-44660), (W-78070 TO W-78060)
 TRENCH 17, PERIOD 12/14/75 TO 12/31/75 (N-45060 TO N-45060), (W-78064 TO W-77703)

SHIPPER	TYPE*	VOLUME CU. FT.	PU GRAMS	TOTAL CURIES	PF-90 CURIES	RU-106 CURIES	CS-137 CURIES	UPANIUM GRAMS	OTHER CURIES	OTHER GRAMS
AP400 ,234-5Z,200-W	3	.540E+05	.431E+04							
BNW ,325 ,300	3	.261E+03	.186E+02							
BNW ,325A ,300	1	.240E+04<.702E+01	.411E+02	.818E+00	.176E+01	.173E+00				
BNW ,37.8 ,300	1	.158E+03	.100E+00							
WHCC ,32F ,300	1	.412E+03<.500E+00<.100E+00<.195E-02<.42E-02<.212E-02								
UNIT ,10F-V ,100-N	1	.845E+03	.250E+02							.250E+02 0060,
TOTAL (.452E+00 ACRES)		.580E+05	.434E+04	.562E+02	.520E+00	.177E+01	.876E+00			.250E+02

*TYPE REF APPENDIX A

BURIAL GROUND 343, AREA 200-W, WASTE TYPE - NONTRANSURANIC-CAISSON

TRENCH 14, PERIOD 01/01/75 TO 12/31/75 (N-40423 AND W-77625), CAISSON NO. 5

SHIPPER		VOLUME CU. FT.	PU GRAMS	TOTAL CURIES	SF-90 CURIES	RU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
B&W	,325-A ,300	1	.101E+03	.878E+03	.435E+03	.343E+00	.170E+00			
TOTAL			.101E+03	.878E+03	.435E+03	.343E+00	.170E+00			

*TYPE SEE APPENDIX A

BURIAL GROUND 04B, AREA 200-W, WASTE TYPE - TRANSURANIC

TRENCH 07, PERIOD 01/01/75 TO 12/31/75 (N-40770 TO N-40770), (W-77803 TO W-77928)

SHIPPER	TYPE*	VOLUME CU. FT.	PU GRAMS	TOTAL CURIES	SR-90 CURIES	RU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
ARHCO ,202-A ,200-E	1	.389E+03	<.100E+00	.535E+01	.106E+00	.229E+00	.114E+00			
ARHCO ,202-AL,200-E	1	.296E+02	<.100E+00							
ARHCO ,222-S ,200-W	1	.247E+03	.730E+01	.344E+00	.684E-02	.147E-01	.731E-02			
ARHCO ,234-5Z,200-W	3	.112E+05	.154E+05							
BNW ,209-E ,200-E	1	.814E+02	.410E+01							
BNW ,231-Z ,200-W	1	.134E+04	.141E+04	.178E+00	.354E-02	.762E-02	.378E-02	.100E+03E .720E+05D		
BNW ,325 ,300	1	.886E+03	<.703E+02	<.220E+01	<.438E-01	<.944E-01	<.468E-01	.440E+02E	*1	.300E+00
WHCO ,325 ,300	1	.164E+04	.178E+04	<.105E+00	<.211E-02	<.454E-02	<.225E-02	.110E+03E		
TOTAL (.115E+00 ACRES)		.158E+05	.186E+05	<.818E+01	<.163E+00	<.350E+00	<.174E+00	.723E+05		.300E+00

*TYPE SEE APPENDIX A

*1 (PU238, .300E+00),

BURIAL GROUND 04B, AREA 200-W, WASTE TYPE - TRANSURANIC-CAISSON

TRENCH 14, PERIOD 01/01/75 TO 12/31/75 (N-40492 AND W-77969), CAISSON ALPHA-2

SHIPPER	TYPE*	VOLUME CU. FT.	PJ GRAMS	TOTAL CURIES	SE-90 CURIES	PU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
WHCO ,327-C ,300	1	.747E+02	.211E+03	.450E+04	.895E+02	.193E+03	.956E+02	.840E+024 .791E+03E .690E+023		
TOTAL		.747E+02	.211E+03	.450E+04	.895E+02	.193E+03	.956E+02	.944E+03		

*TYPE SEE APPENDIX A

BURIAL GROUND 04B, AREA 20C-W, WASTE TYPE - TRANSURANIC-OFFSITE

TRENCH 07, PERIOD 01/17/75
TRENCH 07, PERIOD 09/24/75

(N-40770 AND W-77731), ONE BURIAL
(N-40770 AND W-77872), ONE BURIAL

SHIPPER	TYPE*	VOLUME CU. FT.	PU GRAMS	TOTAL CUPIES	SF-90 CURIES	PU-106 CURIES	CS-137 CURIES	URANIUM GRAMS	OTHER CURIES	OTHER GRAMS
ANL , ARGONNE, ILL	1	.296E+02	.270E+02					.493E+04N	*1	.132E+03
GE , SAN JOSE, CA	1	.118E+03	.634E+03					.545E+03E		
LIF.								.100E+04N		
								.110E+04E		
TOTAL		.149E+03	.661E+03					.757E+04		.132E+03

*TYPE SEE APPENDIX A

*1 (TH, .132E+03),

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WASTE TYPES

1. MISCELLANEOUS WASTE INCLUDING RAGS, PAPER, RUBBER GLOVES, DISPOSABLE SUPPLIES, BROKEN TOOLS, GLASS FILTERS, DIRT, ETC.
2. FAILED EQUIPMENT AND OBSOLETE EQUIPMENT OR MATERIALS INCLUDING TANKS, PUMPS, AGITATORS, OVENS, HEATERS, HOODS, JUMPERS, AND ACCESSORIES.
3. COMBINATIONS OF TYPE 1 AND TYPE 2.
4. RADIOACTIVE ELEMENTS

APPENDIX B

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200 AREA BURIAL GROUNDS

200-E AREA BURIAL GROUNDS	COORDINATES	REFERENCE DRAWINGS
DRY WASTE NO.01	N39813.23 NORTH W49361 EAST N39528 SOUTH W49845 WEST	H-2-124 H-2-31269
DRY WASTE NO.12A	N44080 TO N44343 NORTH W48497 TO W48533 EAST N43213 TO N43217 SOUTH W49535 TO W49692 WEST	H-2-32560 H-2-57849
DRY WASTE NO.12B	N45485 TO N45505 NORTH W48522 TO W48541 EAST N44485 TO N48504 SOUTH W49661 TO W49643 WEST	H-2-33276
MINOR CONSTR #4	N44295 TO N43757 NORTHEAST W53530 TO W53371 SOUTHEAST N43666 TO N44234 SOUTHWEST W54190 TO W54140 NORTHWEST	H-2-31269
CONSTR NO NUMBER	N45284 TO N45282 NORTH W48411 TO W48419 EAST N44882 TO N44884 SOUTH W48534 TO W48526 WEST	H-2-31269
222 VAULTS CENTER	N42280 ESTIMATED W53760 ESTIMATED	H-2-757
LINE CENTER	N42250 ESTIMATED W53820 ESTIMATED	H-2-1938

200 AREA BURIAL GROUNDS

200-E AREA BURIAL GROUNDS	COORDINATES	REFERENCE DRAWINGS
IND WASTE NO.02	N45006 TO N44827 NORTH W53427 TO W53456 EAST	H-2-2479
IND WASTE NO.05	N44215 TO N44395 SOUTH W54609 WEST	H-2-31269
IND WASTE NO.05A	N45880 NORTH W54612 TO W54609 EAST	H-2-55534
IND WASTE NO.10	N44395 TO N44464 SOUTH W55444 TO N55440 WEST	H-2-31269
PUREX TUNNEL #1	N39555, W48020 NORTH N39196, W48020 SOUTH	H-2-55586 H-2-55587
PUREX TUNNEL #2	N39366, W47960 NORTH N37670, W47960 SOUTH	H-2-58191 H-2-58192
200-W AREA		
DRY WASTE NO.01	N42278 NORTH W77473 EAST N41641 SOUTH W77979 WEST	H-2-123 H-2-31268
DRY WASTE NO.02	N41641 NORTH W77473 EAST N41052 SOUTH W77979 WEST	H-2-2503 H-2-31268

APPENDIX B

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200 AREA BURIAL GROUNDS

200-W AREA BURIAL GROUNDS	COORDINATES	REFERENCE DRAWINGS
DRY WASTE NO.03	N43945 NORTH W77560 EAST N43230 SOUTH W78095 WEST	H-2-3398 H-2-32095 REVISION #4 H-2-31268
DRY WASTE NO.03A	N45020 NORTH W77150 TO W77515 EAST N44340 SOUTH W78090 WEST	H-2-34880
DRY WASTE NO.04A	N43175 NORTH W77012 TO W77430 EAST N42278 SOUTH W78079 WEST	H-2-32487 H-2-31268
DRY WASTE NO.04B	N41052 NORTH W77458 EAST N40450 SOUTH W78079 WEST	H-2-33055 H-2-33971 H-2-34375 H-2-35279
222-T VAULT	N43675 W73015	H-2-44511-132 H-2-2322
222-S VAULT CENTER	N34129 W73540	H-2-5140 H-2-5170
IND WASTE NO.01	N45466 TO N45119 NORTH W74435 TO W74847 EAST N44602 TO N44784 SOUTH W75177 TO W74932 WEST	H-2-2516 SURVEY NOTES

200 AREA BURIAL GROUNDS

200-W AREA
BURIAL GROUNDS

COORDINATES

REFERENCE DRAWINGS

IND WASTE NO. 02

N44584 TO N44235 NORTH
W76302 TO W76954 EAST
N43230 SOUTH
W77560 TO W77446 WEST

H-2-32095 REVISION #4

DRY WASTE NO. 21
2-NN55317 NORTH
W65633 WEST

H-2-32524

COORDINATES AND

DRAWINGS ARE R. C. TABASINSKI PERSONAL COMMUNICATION.