RADIOACTIVE WASTE MANAGEMENT INFORMATION FOR 1992 AND RECORD-TO-DATE

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ABSTRACT

This document presents detailed data, bar graphs, and pie charts on volume, radioactivity, isotopic identity, origin, and decay status of radioactive waste for the calendar year 1992. It also summarizes the radioactive waste data records compiled from 1952 to present for the Idaho National Engineering Laboratory (INEL). The data presented are from the INEL Radioactive Waste Management Information System.

EXECUTIVE SUMMARY

This document, *Radioactive Waste Management Information for 1992 and Record-to-Date*, contains computerized radioactive waste data records from the Idaho National Engineering Laboratory (INEL). Data are compiled from information supplied by the U.S. Department of Energy (DOE) contractors. Data listed are on airborne and liquid radioactive effluents and solid radioactive waste that is stored, disposed, and sent to the INEL for reduction. Data are summarized for the years 1952 through 1991. Data are detailed for the calendar year 1992.

Airborne and liquid waste was released to the environment through engineered release points identified on Table 1 located in the *Engineered Release Points* section. Monitoring and effluent sampling systems are an integral part of each engineered release point. Releases to the environment may also occur at locations other than normal release points. In 1992, two releases were reported at nonroutine release points; one by the Naval Reactor Facility (NRF) and the other by the Idaho Chemical Processing Plant (ICPP).

A total of $2.8\text{E}+09$ liters of liquid radioactive waste containing 187 curies was released to the environment at the INEL during 1992. Tritium accounted for 98% of the radioactivity. As a result of radioactive decay, 178 curies or 95% of the curies for identified radionuclides remained on January 1, 1993, and 142 curies or 76% will remain after 5 years. The radioactivity discharged as liquid waste in 1992 was 10% more than the activity discharged in 1991, and 1% less than the activity discharged in 1990.

Airborne releases of radioactivity for 1992 were 24,179 curies; noble gases accounted for 24,060 curies, or 99.51% of the radioactivity. The 1992 curie amount is 164% less than the quantity discharged during 1991, and 1% less than the quantity discharged in 1990.

During 1992, a total of 844 m^3 of solid radioactive waste containing 143,951 curies was shipped to the Radioactive Waste Management Complex (RWMC) for disposal. This compares to $1,272\text{ m}^3$ with 187,569 curies disposed in 1991,

and $1,762\text{ m}^3$ with 207,542 curies in 1990. By January 1, 1993, the radionuclides identified in 1992 had decayed to 125,973 curies (88%), and in 5 years they will have decayed to 77,500 curies (54%).

The majority of the nuclides disposed in solid waste at the RWMC in 1992 consisted of Co-60, Ni-63, Fe-55, Mn-54, and Co-58. These nuclides accounted for 93% of total curies.

A total of $.3\text{ m}^3$ of solid radioactive waste containing 39,741 curies was placed in storage at specially designed waste storage facilities at the INEL. A total of 67% of the volume and 0.00002% of the radioactivity was placed in storage at the Transuranic Storage Area (TSA). Of the nuclides stored at the RWMC TSA, Am-241, Pu-239, U-235, and U-238 accounted for 100%. Storage at Argonne National Laboratory-West (ANL-W) consisted of 33% of the volume and 99.9% of the radioactivity. Of the nuclides stored at ANL-W, Co-60, Co-58, Cr-51, and Mn-54 accounted for 99.8%.

The ICPP calcine facility did not operate in 1992.

The Waste Experimental Reduction Facility (WERF) received $1,228\text{ m}^3$ and 19 curies of solid radioactive waste for size reduction in 1992. The waste received by WERF for reduction in 1992 compared to $2,038\text{ m}^3$ and 19 curies in 1991, and $3,179\text{ m}^3$ and 13 curies in 1990. The above 1991 total is different than the previously published total due to NRF shipments being received in the database by WERF in July of 1992.

Radioactive effluent discharges at the INEL in 1992 met all applicable DOE requirements (DOE 5400.5, 5820.2) and State of Idaho regulations and standards.

The impact of this waste on the environment, both onsite and offsite, is constantly monitored by the Radiological and Environmental Sciences Laboratory/ Idaho Operations. The results of this program for 1992 are published in the annual report, *The Idaho National Engineering Laboratory Site Environmental Report for*

Calendar Year 1992, DOE/ID-12082(92), published July 1993.

The effect of radioactive decay reduces quantities of activity at varying rates among the radionuclides. The effect of decay on airborne, liquid, and solid radioactive waste disposed on the INEL in 1992 is in *INEL 1992 Summaries* section. The

decay summary data for the INEL for the period of 1952-1992 is found in the *Area Decay Summaries* section. Only curies of identified radionuclides have decayed. Although all radioactivity decays, decay schemes cannot be applied to the curies of unidentified radionuclides such as mixed fission or activation products.

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Engineered Release Points

ACRONYMS AND ABBREVIATIONS

A1W	Large Ship Reactor at NRF	LOF	Loss-of-Fluid Test
ALE	Argonne National Laboratory-East	LOFT	Loss-of-Fluid Test
ANL	Argonne National Laboratory-West	MAP	Mixed Activation Products
ARA	Auxiliary Reactor Area	MFP	Mixed Fission Products
ATR	Advanced Test Reactor	MRC	EG&G Mound (formerly Monsanto Research Corporation)
BCL	Battelle Columbus Laboratories	MTR	Materials Test Reactor
BET	Bettis Atomic Power Laboratory	MWSF	Mixed Waste Storage Facility
BNL	Brookhaven National Laboratory	NRF	Naval Reactors Facility
CFA	Central Facilities Area	NSA	North Storage Area
CG	Concentration Guides (same as DCG)	NWCF	New Waste Calcining Facility
CPP	Chemical Processing Plant (also referred to as ICPP)	OFF	Off-site
CTF	Containment Test Facility (LOFT became CTF on 10/1/86)	OMRE	Organic Moderated Reactor Experiment
CY	Calendar Year	OTH	Other
D&D	Decontamination and Decommissioning	PBF	Power Burst Facility
DCG	Derived Concentration Guides	PER	Special Power Excursion Reactor Test (also referred to as SPERT)
DOE	U.S. Department of Energy	PREPP	Process Reduction Experimental Pilot Plant
EBR-II	Experimental Breeder Reactor II	PRF	Plutonium Reclamation Facility
ECF	Expended Core Facility	QC	Quality Control
EG&G	EG&G Idaho, Incorporated	R&D	Research and Development
ETR	Engineering Test Reactor	RAL	Radiation Analysis Laboratory
FASB	Fuel Assembly and Storage Building	RESL/IL	Radiological and Environmental Sciences Laboratory/Idaho Operations
FAST	Fluorinel and Storage Facility	RFO	Rocky Flats Office (EG&G Rocky Flats, Colorado)
FCF	Fuel Cycle Facility	RLWTF	Radioactive Liquid Waste Treatment Facility
FMF	Fuel Manufacturing Facility	RWDS	Radioactive Waste Disposal System
HFEF	Hot Fuels Examination Facility	RWMC	Radioactive Waste Management Complex
HFEF-N	Hot Fuels Examination Facility-North	RWMIS	Radioactive Waste Management Information System
HFEF-S	Hot Fuels Examination Facility-South	S1W	Submarine Prototype at NRF
ICPP	Idaho Chemical Processing Plant (also referred to as CPP)	S5G	Submarine Prototype at NRF
ILTSF	Intermediate-Level Transuranic Storage Facility	SCMS	Sodium Component Maintenance Shop
INEL	Idaho National Engineering Laboratory		
L&O	Lab and Office Building		

SDA	Subsurface Disposal Area	TSF	Test Support Facility
SL-1	Stationary Low Power Reactor No. 1	WCF	Waste Calcining Facility
SMC	Specific Manufacturing Capability	WER	Waste Experimental Reduction Facility (also referred to as WERF)
SPERT	Special Power Excursion Reactor Test (also referred to as PER)	WERF	Waste Experimental Reduction Facility (also referred to as WER)
SPF	Sodium Process Facility	WINCO	Westinghouse Idaho Nuclear Company
SWEPP	Stored Waste Examination Pilot Plant	WMC	Waste Management Complex (also referred to as RWMC)
TAN	Test Area North	WVRF	Waste Volume Reduction Facility
TRA	Test Reactor Area	ZPPR	Zero Power Plutonium Reactor
TREAT	Transient Reactor Test Facility		
TSA	Transuranic Storage Area		

CONVERSION FACTORS

<u>To Convert</u>	<u>Into</u>	<u>Multiply by</u>
Cubic yards	Cubic meters	0.7646
Cubic meters	Cubic feet	35.3140
Liters	Gallons (U.S. liquid)	0.2642
Kilograms	Pounds	2.2046

DEFINITIONS

Curie—A unit of radioactivity, defined as that quantity of any radioactive nuclide which has $3.7\text{E}+10$ disintegrations per second. (Abbreviated Ci.)

Exponential notation—Numbers in this document are expressed as either whole numbers or in exponential notation form. For example: $1,000,000 = 1 \times 10^6 = 1\text{E}+06$.

RADIOACTIVE WASTE MANAGEMENT INFORMATION FOR 1991 AND RECORD-TO-DATE

INTRODUCTION

This document summarizes radioactive waste data records for the Idaho National Engineering Laboratory (INEL) compiled since 1952, and provides detailed data for calendar year (CY) 1992. A computerized Radioactive Waste Management Information System (RWMIS) has been used at the INEL since January 1971.

Several improvements to the database system and data reporting have taken place since data collection was computerized. These improvements include:

- In 1982, the database language was converted from COBOL to NOMAD, a fourth-generation database language. NOMAD has many statistical analysis features that can be applied to the data, and allows for modifying data reporting requirements with minimal impact on the database.
- In January 1986, solid waste data reporting requirements changed from a per-shipment basis to a per-container basis. A shipment could consist of 1 to 70 containers. By changing to a per-container basis, solid waste on the INEL is tracked more accurately. It is now possible to pinpoint the exact location of a container and to determine its waste classification.
- In February 1988, waste generators were given the ability to provide the analytical uncertainty, at one sigma, for the reported nuclides of air and liquid effluent releases.
- In May 1988, an RWMIS Graph Download System was made available to waste generators who provide data directly into the database. This system serves two purposes: (a) it provides an easy way for waste generators to copy their data from the mainframe to a personal computer database file and (b) it provides a menu-driven selection process for

personal computer databases with graphing capabilities for trending and other analyses.

U.S. Department of Energy (DOE) contractors routinely report information on airborne and liquid radioactive effluents and solid radioactive waste that is stored, disposed, and sent to the INEL for reduction. Types of information include volume, radioactivity, isotopic identity, origin, and decay status. This system serves as the official repository for this data and provides reports for all types of radioactive effluents and solid waste disposed, sent for reduction, or stored at the INEL.

Graphics were added to the report in 1987 to improve the data presentation. In the *Decay Summaries* section, those areas having no identified nuclides, or only <1 curie of identified nuclides, are not presented with graphics. The area-specific solid low-level waste graphs in this report depict waste in four categories:

1. Direct Disposal—waste that is sent directly to the Radioactive Waste Management Complex for disposal with no volume reduction efforts applied.
2. Compaction—compactible waste that is sent to Waste Experimental Reduction Facility (WERF) to be compacted.
3. Metal Sizing—metallic waste that is sent to WERF for volume reduction.
4. Incineration—combustible waste sent to WERF for incineration.

In 1990, additional reports and graphics were added to better represent previously summarized data. These reports and graphics included a detailed list of generators who ship waste to WERF and details on stored waste by generator.

The RWMIS is continually undergoing review and enhancement. Comments on the system are

encouraged. This report is updated annually to incorporate waste management data for the current year and to reflect changes from previous annual reports. These changes are made to more accurately reflect the current status of waste operations at the INEL.

Quarterly, annual, and special RWMIS reports have been useful to various levels of management in appraising their radioactive waste programs. Quarterly reports contain year-to-date information. Annual reports provide a summary by type and producer of waste. Special reports include radioactive decay from time of disposal to specified future dates. The volume, weight, and curie content in all RWMIS reports are expressed in exponential notation.

A comparison of the annual mean average released nuclides concentrations and the Derived Concentration Guides (DCG) limits are included in the detailed RWMIS. The concentration of liquid releases is compared directly to the reference DCG limits for drinking water. It must be noted that the DCG liquid release limits are for protecting the public from ingesting radiation-contaminated water. INEL liquid releases flow to areas inaccessible to the general public. The calculated concentration of airborne releases as dispersed to the INEL boundary is compared to the reference airborne DCG limits. The reference DCG values are given in DOE Order 5400.5, "Radiation Protection of the Public and the Environment," February 1990. The right-hand column of many RWMIS reports indicate total and average values. Total values include the total content in curies for each radionuclide released during the year. Average values are the annual mean concentrations of radionuclides.

The RWMIS provides readily available information that permits ongoing evaluation of INEL waste management activities, including compliance with DOE regulations and those of other Federal and State agencies. The RWMIS continues to be a valuable asset to the overall management effort at the INEL and continues to alert the DOE Idaho Field Office (DOE-ID) of major trends and potential problem areas.

Reports Included in Document

Eight report categories are included in this document. A brief description of each are below.

INEL Record-to-Date Summary—This report summarizes the volume and curies of all effluents and solid waste on the INEL by CY for the period 1982 to 1992 and a cumulative total for 1952 to 1981.

INEL Record-to-Date Discharges and Solid Waste—These reports summarize the volume and curies of all discharges and solid waste on the INEL by discharge/waste type for each area generating waste by CY for the period 1982 to 1992 and a cumulative total for 1952 to 1981.

INEL Record-to-Date Decay Summaries—These reports summarize both identified and unidentified curies by waste type on the INEL by CY for the period 1982 to 1992 and a cumulative total for 1962 to 1981. The curie amount is adjusted to allow for radioactive decay through the last day of the current year.

Area Record-to-Date Decay Summaries—These reports summarize the identified and unidentified curies by area and waste type by CY for the period 1982 to 1992 and a cumulative total for 1962 to 1981. The curie amount is adjusted to allow for radioactive decay through the last day of the current year and then 10 years later.

INEL 1992 Year-to-Date Summary—This report summarizes, by facility, the amounts of radioactivity generated at INEL facilities or at offsite facilities and shipped to the INEL. Liquid and airborne waste that is released is identified, and quantities of solid wastes stored, disposed, or received for reduction are given. The volume of the media containing the radioactivity is also included.

INEL Disposed Waste Decay Summary in Curies for 1992—This report summarizes the total curies of airborne, liquid, and solid waste on the INEL for the current year and then corrects the amount of the total curies for radioactive decay, by year, for 7 years.

Nuclide Summary in Curies for Airborne, Liquid, and Solid Waste—These reports summarize the annual curie values, by nuclide, for each area reporting effluents or solid waste on the INEL.

Area 1992 Detail Data—These reports provide monthly data on the volumes and radionuclides in the airborne, liquid, and solid waste generated by INEL areas and by non-INEL areas shipping solid waste to the INEL. The year-to-date totals are also shown.

INEL Record-to-Date Summary

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INEL Record-to-Date Summary Bar Graphs	INEL-4

SCHEDULE NO. P61PM022-E

INEL RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

TYPE/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
AIRBORNE												
VOLUME	120098	8524	12043	9636	12289	12220	13388	13514	13450	12963	12715	240841
CURIES	13033298	12070	4837	77262	14518	254948	173935	22370	24459	63879	24179	13705754
LIQUID												
VOLUME	66761	2734	2749	2744	2529	2536	2357	1922	2642	2490	2799	92261
CURIES	73073	675	191	667	346	357	270	137	189	170	187	76262
SOLID DISPOSED												
VOLUME	182130	5474	3906	3140	3437	2969	2045	1364	1762	1272	844	208343
CURIES	9619335	93714	486043	271435	95084	247521	149742	590066	207543	187569	143951	12092002
SOLID STORED												
VOLUME	50328	3476	3444	3376	3128	2217	1395	880	44	178	<1	68465
CURIES	74634272	6789280	1817475	55521	55109	3400798	8609486	51118	4656	1603000	39741	97060456
SOLID TO WERF FOR REDUCTION												
VOLUME			78	1275	2458	2529	2967	2663	3179	2038	1128	18315
CURIES			<1	1	2	5	6	6	13	16	19	69

LIQUID VOLUME IN MILLIONS OF LITERS
 AIRBORNE VOLUME IN MILLIONS OF CUBIC METERS

ONE CUBIC METER EQUALS 35.31 CUBIC FEET.
 ONE MILLION LITERS EQUALS 264,180 GALLONS

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-3

INEL Record-to-Date Summary

INEL-4

INEL 1983-1992 AIRBORNE EFFLUENT VOLUME & CURIES

INEL 1983-1992 LIQUID EFFLUENT VOLUME & CURIES

INEL Record-to-Date Summary Stored Waste

INEL 1983-1992 SOLID DISPOSED WASTE
VOLUME & CURIES

1983-1992 SOLID STORED WASTE VOLUME & CURIES

INEL 1983-1992 SOLID WASTE SENT TO
WERF FOR VOLUME REDUCTION*
VOLUME & CURIES

*WERF began reducing waste in 1984

INEL Record-to-Date Discharges and Solid Waste

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INEL RADIOACTIVE AIRBORNE WASTE DISCHARGES

RECORD-TO-DATE

#

INEL-9

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ANL												
VOLUME	27356	2382	2409	2445	2406	2532	2554	2540	2535	2542	2542	52244
CURIES	45012	263	250	916	932	889	618	686	716	551	739	51573
ARA												
VOLUME	308	43	34	47	47	47	32					560
CURIES	<1	<1	<1	<1	<1	<1	<1					<1
CFA												
VOLUME	35	392	393	140	117	77	59	58	58	58	58	1446
CURIES		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CPP												
VOLUME	34192	1346	5201	3332	3923	3911	3893	3794	3827	3916	3895	71232
CURIES	7520792	3702	398	64279	10845	250918	170708	20002	20002	60043	20000	8141689
CTF												
VOLUME					155	63						218
CURIES					<1							<1
LOF												
VOLUME	382	145	129	165								822
CURIES	4	<1	27	8780								8810
NRF												
VOLUME	23374	2034	2114	2187	2722	1630	1745	2377	2151	1795	1654	43782
CURIES	34	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	38
PBF												
VOLUME	784	61	61	62	57	58	60	60	62	63	58	1384
CURIES	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PER												
VOLUME	**											**
CURIES	6											6
SMC												
VOLUME				8	1424	1962	3046	2812	3031	3122	3047	18452
CURIES				<1	<1	<1	<1	<1	<1	<1	<1	<1
TAN												
VOLUME	13218	1114	651	173	332	660	645	632	492	191	182	18290
CURIES	53725	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	53725
TRA												
VOLUME	20449	1006	1051	1076	1089	1199	1190	1069	1130	1140	1130	31529
CURIES	5413726	8104	4162	3288	2741	3140	2609	1682	3741	3284	3439	5449915

SCHEDULE NO. P61PM022-D

INEL RADIOACTIVE AIRBORNE WASTE DISCHARGES

RUN DATE: 05/06/93

RECORD-TO-DATE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
WER												
VOLUME					16	72	161	156	164	137	135	841
CURIES					<1	<1	<1	<1	<1	<1	<1	<1
HMC												
VOLUME						9	4	15			14	42
CURIES						<1	<1	<1			<1	<1
TOTAL												
VOLUME	120098	8524	12043	9636	12289	12220	13388	13514	13450	12963	12715	240841
CURIES	13033298	12070	4837	77262	14518	254948	173935	22370	24459	63879	24179	13705754

VOLUME IN MILLIONS OF CUBIC METERS

** NOT AVAILABLE

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-10

INEL Radioactive Airborne Waste Discharges Record-to-Date

ANL 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

ARA 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

CFA 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

CPP 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

INEL Radioactive Airborne Waste Discharges Record-to-Date

CTF 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

LOF 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

NRF 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

INEL Radioactive Airborne Waste Discharges Record-to-Date

PBF 1983-1992 AIRBORNE EFFLUENT VOLUME & CURIES

PBF 101

SMC 1983-1992 AIRBORNE EFFLUENT VOLUME & CURIES

SMC BEGAN RELEASING EFFLUENTS
IN 1985 - SMC85R

TAN 1983-1992 AIRBORNE EFFLUENT VOLUME & CURIES

TAN 101

INEL Radioactive Airborne Waste Discharges Record-to-Date

TRA 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

WER 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

WMC 1983-1992 AIRBORNE
EFFLUENT VOLUME & CURIES

SCHEDULE NO. P61PM022-C

RUN DATE: 05/06/93

INEL RADIOACTIVE LIQUID WASTE DISCHARGES*

RECORD-TO-DATE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ANL												
VOLUME	61	2	2	2	2	2	2	1	2	2	1	81
CURIES	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	23
ARA												
VOLUME	28	20	13		<1	2	1					65
CURIES	<1	<1			<1	<1	<1					<1
CFA												
VOLUME	4195	207	176	166	104	89	62	117	154	192	160	5624
CURIES	34	5	5	4	3	2	1	2	2	3	3	65
CPP												
VOLUME	38493	2058	2092	2020	2183	2268	2140	1664	2357	2107	2433	59816
CURIES	20848	437	13	393	251	216	89	<1	<1	2	<1	22250
CTF												
VOLUME					71	22						93
CURIES					<1							<1
LOF												
VOLUME	1766	294	325	427								2813
CURIES	<1	<1	<1	<1								<1
NRF												
VOLUME	1569										<1	1569
CURIES	349										<1	349
PBF												
VOLUME	9											9
CURIES	<1											<1
PER												
VOLUME	76											76
CURIES	155											155
TAN												
VOLUME	1939	52	79	51	73	82	81	67	58	90	116	2688
CURIES	58	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	59
TRA												
VOLUME	18624	100	61	78	94	70	70	73	71	99	88	19427
CURIES	51606 **	232	173	269	91	139	179	134	185	165	184	53358
WMC												
VOLUME	<1											<1
CURIES												

INEL-15

SCHEDULE NO. P61PM022-C

INEL RADIOACTIVE LIQUID WASTE DISCHARGES*

RUN DATE: 05/06/93

RECORD-TO-DATE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
TOTAL												
VOLUME	66761	2734	2749	2744	2529	2536	2357	1922	2642	2490	2799	92261
CURIES	73071	675	191	667	346	357	270	137	189	170	187	76260

* VOLUME IN MILLION LITERS

**FOR THE YEARS 1962-70 THE SHORT-LIVED RADIOACTIVITY (LESS THAN 2-3 DAY HALF LIFE) WERE NOT REPORTED

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL Radioactive Liquid Waste Discharge Record-to-Date

ANL 1983-1992 LIQUID EFFLUENT VOLUME & CURIES

OF 19291

ARA 1983-1992 LIQUID EFFLUENT VOLUME & CURIES

ARA REL. EFF. FROM 81-88, NO ACTIVITY
DET. IN 84. SHUTDOWN IN 8/88--OF 19291

CFA 1983-1992 LIQUID EFFLUENT VOLUME & CURIES

OF 19291

INEL Radioactive Liquid Waste Discharge Record-to-Date

CPP 1983-1992 LIQUID
EFFLUENT VOLUME & CURIES

CTF 1983-1992 LIQUID
EFFLUENT VOLUME & CURIES

LOF 1983-1992 LIQUID
EFFLUENT VOLUME & CURIES

INEL Radioactive Liquid Waste Discharge Record-to-Date

NRF 1983-1992 LIQUID
EFFLUENT VOLUME & CURIES

TAN 1983-1992 LIQUID
EFFLUENT VOLUME & CURIES

TRA 1983-1992 LIQUID
EFFLUENT VOLUME & CURIES

INEL SOLID RECORD-TO-DATE SUMMARY

DISPOSED WASTE

INEL-20

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ALE												
VOLUME	2848	697	442	592	306	309	204					5398
CURIES	414	59	37	71	10	840	50					1481
ANL												
VOLUME	6925	187	153	121	135	109	473	172	65	30	56	8426
CURIES	1064134	47745	119289	126651	57382	204682	142614	463320	130511	82261	92896	2531484
ARA												
VOLUME	370	11	16	17	1	20						435
CURIES	4015	3	2	5	<1	<1						4025
BEN												
VOLUME					<1							<1
CURIES					<1							<1
BNL												
VOLUME		5										5
CURIES		<1										<1
CFA												
VOLUME	2347	83	37	9	16	4	5	4	45			2549
CURIES	381	<1	<1	<1	<1	4	<1	<1	<1			385
CPP												
VOLUME	23023	2918	1817	807	948	1151	578	513	752	544	129	33180
CURIES	613159	271	301	112	214	218	192	115	211	24	2	614820
CTF												
VOLUME					805	251	27					1083
CURIES					277	25	<1					302
D+D												
VOLUME	1958	65	293	34	53	8	95	24	21	58	185	2793
CURIES	110	5579	3	<1	<1	<1	<1	<1	<1	<1	<1	5693
LOF												
VOLUME	11	2	11	49								73
CURIES	<1	<1	2	<1								3
NRF												
VOLUME	19345	434	416	347	270	171	111	134	419	270	159	22076
CURIES	3611751	39053	365125	141753	35930	29665	6732	126486	74087	102849	49795	4583227
PBF												
VOLUME	437	76	239	121	4	45	29					950
CURIES	7	<1	181	371	<1	11	3					573

SCHEDULE NO. P61PM022-A

RUN DATE: 05/06/93

INEL SOLID RECORD-TO-DATE SUMMARY

DISPOSED WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
PER												
VOLUME	499					4		6		2		510
CURIES	24					<1		<1		<1		24
RFO												
VOLUME	73124											73124
CURIES	256010											256010
SMC												
VOLUME					43	7	53	21		24	50	198
CURIES					<1	<1	<1	<1		<1	<1	1
TAN												
VOLUME	7708	285	219	237	235	224	56	76	43	24	87	9194
CURIES	101404	37	2	17	17	359	1	67	2658	<1	347	104909
TRA												
VOLUME	14004	278	261	613	387	219	158	62	37	72	179	16270
CURIES	3865722	966	1098	2452	1253	11631	147	77	68	2430	909	3886755
WER												
VOLUME				192	199	273	254	328	359	248		1853
CURIES				<1	<1	<1	<1	<1	6	3		10
WMC												
VOLUME	19343	435	<1		35	177		23	22			20036
CURIES	60926	<1	<1		<1	83		<1	<1			61009
OTHER*												
VOLUME	1365											1365
CURIES	2434											2434
OFFSITE												
VOLUME	6501											6501
CURIES	37734											37734
SL-1												
VOLUME	2319											2319
CURIES	599											599

INEL-21

SCHEDULE NO. P61PM022-A

INEL SOLID RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

DISPOSED WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
TOTAL												
VOLUME#	182126	5474	3906	3140	3437	2969	2045	1364	1762	1272	844	208339
CURIES#	9618820	93714	486041	271433	95084	247519	149740	590065	207541	187566	143948	12091472

VOLUME IN CUBIC METERS

*ML-1,GCRF,OMRE

*FACILITY TOTALS (EXCEPT FOR RFO) DO NOT INCLUDE DATA FOR 1952-1960:

THIS INFORMATION (18460 CUBIC METERS AND 60920 CURIES) IS REPORTED IN LUMP SUM UNDER MMC FOR 1960

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL Solid Record-to-Date Summary Disposed Waste

ALE 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

ANL 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

ARA 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

BEN 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

INEL Solid Record-to-Date Summary Disposed Waste

BNL 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

BNL DISPOSED WASTE ON
THE INEL IN 1983 ONLY
CVR301

CFA 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

CVR301

CPP 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

CVR301

CTF 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

CTF DISPOSED OF WASTE
ONLY IN 1986 - CVR301

INEL Solid Record-to-Date Summary Disposed Waste

D+D 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

LOF 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

NRF 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

PBF 1983-1992 SOLID DISPOSED WASTE VOLUME & CURIES

INEL Solid Record-to-Date Summary Disposed Waste

PER 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

SMC 1983-1992 SOLID DISPOSED
SOLID WASTE VOLUME & CURIES

SMC/305

TAN 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

TAN/301

INEL Solid Record-to-Date Summary Disposed Waste

TRA 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

WER 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

WMC 1983-1992 SOLID DISPOSED
WASTE VOLUME & CURIES

INEL SOLID RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

STORED WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ANL STORAGE												
VOLUME	82	4	<1	<1	1	<1	<1	<1	1		<1	92
CURIES	9889069	32695	5356	15468	11897	16010	28962	44496	2774		39741	10086467
ILTSF												
VOLUME	40	9	<1	<1		8	5		14			77
CURIES	1643	1003	49	2258		1524	3913		169			10559
TSA												
VOLUME	47856	3015	3343	3375	3126	2091	1068	872	2	<1	<1	64749
CURIES	307664	24588	35070	37793	43211	24265	10612	6623	34	<1	<1	489859
MCF												
VOLUME	2349	447	100			118	322	7	26	177		3546
CURIES	64435968	6731000	1777000			3359000	8566000		1680	1603000		86473648
TOTAL												
VOLUME	50328	3476	3444	3376	3128	2217	1395	880	44	178	<1	68464
CURIES	74634336	6789285	1817474	55520	55108	3400798	8609486	51118	4656	1603000	39741	97060523

VOLUME IN CUBIC METERS

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL Record-to-Date Summary Stored Waste

1983-1992 ANL STORAGE AREA
SOLID STORED WASTE VOLUME & CURIES

1983-1992 INTERMEDIATE LEVEL TRANSURANIC
STORAGE FACILITY
SOLID STORED WASTE VOLUME & CURIES

NO WASTE SENT TO ILTF IN 1986, 1989, 1991, AND 1992

1983-1992 TRANSURANIC STORAGE AREA (TSA)
SOLID STORED WASTE VOLUME & CURIES

1983-1992 WASTE CALCINING FACILITY
SOLID STORED WASTE VOLUME & CURIES

OFF SENT NO CALCINED SOLIDS TO STORAGE IN 1985 AND 1986. 1989 VOLUME A RESULT OF NONRADIOACTIVE CALCINE RUN

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INEL SOLID RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

ANL STORAGE WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ANL												
VOLUME	82	4	<1	<1	1	<1	<1	<1	1		<1	92
CURIES	9889015	32695	5356	15468	11897	16010	28962	44496	2774		39741	10086413
TRA												
VOLUME	<1											<1
CURIES	<1											<1
TOTAL												
VOLUME	82	4	<1	<1	1	<1	<1	<1	1		<1	92
CURIES	9889015	32695	5356	15468	11897	16010	28962	44496	2774		39741	10086413
VOLUME IN CUBIC METERS												

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-30

INEL Solid Record-to-Date Summary ANL Storage Waste

INEL SOLID RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

ILTSF WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ALE												
VOLUME	35	3				7	3		12			60
CURIES	206	27				95	42		120			490
ANL												
VOLUME	2	<1	<1	<1		<1	1					5
CURIES	1286	199	49	2258		1429	3268					8489
BET												
VOLUME							<1					<1
CURIES							604					604
CPP												
VOLUME	<1	6										6
CURIES	70	777										847
NRF												
VOLUME	3											3
CURIES	81											81
TRA												
VOLUME									2			2
CURIES									49			49
TOTAL												
VOLUME	40	9	<1	<1		8	5		14			77
CURIES	1643	1003	49	2258		1524	3913		169			10559
VOLUME IN CUBIC METERS												

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-32

INEL Solid Record-to-Date Summary ILTSF Waste

ALE 1983-1992 INTERMEDIATE LEVEL TRANSURANIC STORAGE FACILITY SOLID WASTE VOLUME & CURIES

ANL 1983-1992 INTERMEDIATE LEVEL TRANSURANIC STORAGE FACILITY SOLID WASTE VOLUME & CURIES

BET 1983-1992 INTERMEDIATE LEVEL TRANSURANIC STORAGE FACILITY SOLID WASTE VOLUME & CURIES

INEL Solid Record-to-Date Summary ILTSF Waste

INEL-34

TSA WASTE

INEL-35

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ALE												
VOLUME	1277	95	37	20	36	5						1471
CURIES	6872	60	772	28	508	12						8253
ANL												
VOLUME	6	<1	<1	5	6	9	4	6	1	<1	<1	39
CURIES	93	<1	1	192	125	212	59	126	23	<1	<1	832
ARA												
VOLUME	10											10
CURIES	21											21
BCL												
VOLUME	214											214
CURIES	180											180
BEN												
VOLUME					<1							<1
CURIES					19							19
BET												
VOLUME	422	6		<1		4						433
CURIES	888	8		62		26						984
CFA												
VOLUME	<1											<1
CURIES	<1											<1
CPP												
VOLUME	41		2									43
CURIES	148		195									342
CTF												
VOLUME						<1						<1
CURIES						1						1
D+D												
VOLUME									<1			<1
CURIES									3			3
MRC												
VOLUME	3298	234	10	76		126	87					3831
CURIES	64489	2338	882	55		104	1527					69395
NRF												
VOLUME	3								<1			4
CURIES	331								8			339

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INEL SOLID RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

TSA WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
RFO												
VOLUME	38172	2680	3293	3273	3084	1945	977	866				54291
CURIES	213307	22182	33216	37450	42309	23817	9026	6497				387804
TAN												
VOLUME	<1											<1
CURIES	16											16
TRA												
VOLUME	7		<1	<1	<1	<1						8
CURIES	1630		3	7	250	90						1980
WMC												
VOLUME	4403					1						4404
CURIES	19736					3						19739
TOTAL												
VOLUME	47856	3015	3343	3375	3126	2091	1068	872	2	<1	<1	64750
CURIES	307712	24588	35070	37793	43211	24265	10612	6623	34	<1	<1	489907
VOLUME IN CUBIC METERS												

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DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL Solid Record-to-Date Summary TSA Waste

ALE 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

ANL 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

BEN 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

BET 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

INEL Solid Record-to-Date Summary TSA Waste

CPP 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

CPP TSA

CTF 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

CTF TSA

D&D 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

MRC 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

INEL Solid Record-to-Date Summary TSA Waste

NRF 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

RFO 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

TRA 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

WMC 1983-1992 TRANSURANIC STORAGE AREA
SOLID WASTE VOLUME & CURIES

SCHEDULE NO. P61PM022-F

RUN DATE: 05/06/93

CPP HIGH-LEVEL LIQUID/SOLID WASTE STORAGE

RECORD-TO-DATE

TYPE/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
LIQUID WASTE TO LIQUID WASTE TANKS												
VOLUME	26000048	594000										26594048
CURIES	375186944	3492000										378679040
LIQUID WASTE TO CALCINER												
VOLUME	16599183	3054000	26473248			856257	2275040		181700	1627800		51067232
CALCINED SOLIDS TO STORAGE												
VOLUME	2349	447	100			118	322	7	26	177		3546
CURIES	64436032	6731000	1777000			3359000	8566000		1680	1603000		86473712

LIQUID VOLUME IN LITERS
SOLID VOLUME IN CUBIC METERS

LIQUID WASTES WERE GENERATED BEGINNING IN 1953;
HOWEVER, THE WASTE CALCINATION PROCESS DID NOT BEGIN UNTIL 1963.

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

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CPP High-Level Liquid/Solid Waste Storage Record-to-Date

CPP HIGH-LEVEL LIQUID/SOLID WASTE STORAGE
1983-92 LIQUID WASTE TO LIQUID WASTE TANKS

CPP HIGH-LEVEL LIQUID/SOLID WASTE STORAGE
1983-1992 CALCINED SOLIDS TO STORAGE

OPALSO

CPP HIGH-LEVEL LIQUID/SOLID WASTE STORAGE
1983-1992 LIQUID WASTE TO CALCINER

CPP PROCESSING OPERATIONS WERE
SHUTDOWN IN 1989-OPERICAL

INEL SOLID RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

MERF WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
ANL												
VOLUME				37	84	115	231	221	150	106	81	1026
CURIES				<1	<1	<1	<1	<1	<1	<1	<1	2
ARA												
VOLUME				<1	6		27					34
CURIES				<1	<1		<1					<1
CFA												
VOLUME			10	90	78	104	66	37	74	<1	<1	460
CURIES			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CPP												
VOLUME				245	898	1095	1005	1094	1439	883	66	6725
CURIES				<1	2	4	4	4	7	3	<1	24
CTF												
VOLUME					91							91
CURIES					<1							<1
D+D												
VOLUME			57	3	342			2	4	103	5	517
CURIES			<1	<1	<1			<1	<1	<1	<1	<1
LOF												
VOLUME				77								77
CURIES				<1								<1
NRF												
VOLUME				173	367	572	1119	674	1002	556	389	4852
CURIES				<1	<1	<1	2	2	4	7	2	18
PBF												
VOLUME					9	30	6	<1	12			58
CURIES					<1	<1	<1	<1	<1			<1
PER												
VOLUME				<1	7			16	3		1	28
CURIES				<1	<1			<1	<1		<1	<1
SMC												
VOLUME					38	130	178	225	186	181		938
CURIES					<1	<1	<1	<1	<1	<1		<1
TAN												
VOLUME				308	278	192	92	104	57	37		1067
CURIES				<1	<1	<1	<1	<1	<1	<1		<1

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INEL SOLID RECORD-TO-DATE SUMMARY

RUN DATE: 05/06/93

WERF WASTE

AREA/YEAR	1952-1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	TOTAL
TRA												
VOLUME			11	340	257	286	244	290	246	165	586	2423
CURIES			<1	<1	<1	<1	<1	<1	1	5	17	24
HMC												
VOLUME					2	4			6	6		19
CURIES					<1	<1			<1	<1		<1
TOTAL												
VOLUME			78	1275	2458	2529	2967	2663	3179	2038	1128	18315
CURIES			<1	1	2	5	6	6	13	16	19	69

VOLUME IN CUBIC METERS

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL Solid Record-to-Date Summary WERF Waste

ANL 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

ARA 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

CFA 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

CPP 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

INEL Solid Record-to-Date Summary WERF Waste

CTF 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

D+D 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

LOF 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

NRF 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

INEL Solid Record-to-Date Summary WERF Waste

PBF 1983-1992 SOLID WASTE SENT TO WERF
WASTE VOLUME & CURIES

PER 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

SMC 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

INEL Solid Record-to-Date Summary WERF Waste

TAN 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

TRA 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

WMC 1983-1992 SOLID WASTE SENT TO WERF
FOR VOLUME REDUCTION VOLUME & CURIES

INEL Record-to-Date Decay Summaries

INEL Airborne Waste Decay Data and Bar Graph	INEL-51
INEL Liquid Waste Decay Data and Bar Graph	INEL-52
INEL Solid Disposed Waste Decay Data and Bar Graph	INEL-53

AIRBORNE WASTE DECAY DATA

YEAR	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	4319938	8714758	379036	9%	199134	5%
1983	12070	<1	2023	17%	1076	9%
1984	4837	<1	262	5%	148	3%
1985	77262	<1	40581	53%	21260	28%
1986	14518	<1	7102	49%	3722	26%
1987	254947	0	175965	69%	92185	36%
1988	173935	<1	126372	73%	66208	38%
1989	22370	<1	15526	69%	8131	36%
1990	24459	<1	16563	68%	8675	35%
1991	63879	0	53945	84%	28254	44%
1992	24179	0	20218	84%	10618	44%

* INCLUDES 1962 - 1982

DATA FOR 1962 - 1970 APPLIES TO DISCHARGES ONLY FROM CPP, TRA, AND ANL.
DATA AFTER 1970, APPLIES TO ALL INEL FACILITIES.

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL 1983-1992 AIRBORNE DECAY SUMMARY IN CURIES
DECAYED VALUE FOR IDENTIFIED NUCLIDES
ON 12/31/92

INEL

LIQUID WASTE DECAY DATA

YEAR	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	43770	29310	6243	14%	3591	8%
1983	675	<1	376	56%	214	32%
1984	191	<1	112	59%	64	33%
1985	667	<1	438	66%	249	37%
1986	346	<1	228	66%	130	38%
1987	357	0	254	71%	145	40%
1988	270	0	205	76%	117	43%
1989	137	0	106	77%	60	44%
1990	189	0	161	85%	91	48%
1991	170	0	154	90%	88	51%
1992	187	0	178	95%	101	54%

* INCLUDES 1962 - 1982

DATA FOR 1962 - 1970 APPLIES TO DISCHARGES ONLY FROM CPP, TRA, AND NRF.
DATA AFTER 1970, APPLIES TO ALL INEL FACILITIES.

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL 1983-1992 LIQUID DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED
NUCLIDES ON 12/31/92

SOLID DISPOSED WASTE DECAY DATA

YEAR	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	4438944	5180380	167639	4%	80492	2%
1983	93510	203	27025	29%	20269	22%
1984	485687	355	219006	45%	169798	35%
1985	271119	316	95640	35%	69050	25%
1986	94919	165	29065	31%	18872	20%
1987	241678	5841	39626	16%	19794	8%
1988	149587	155	13971	9%	5510	4%
1989	590003	64	324200	55%	132991	23%
1990	207530	13	116375	56%	53444	26%
1991	187565	4	107021	57%	48534	26%
1992	143949	0	126035	88%	45847	32%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL 1983-1992 SOLID DISPOSED DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED
NUCLIDES ON 12/31/92

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ARGONNE NATIONAL LABORATORY - EAST

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	173	241	16	9%	6	3%
1983	13	47	5	41%	3	26%
1984	<1	36	<1	68%	<1	58%
1985	52	19	34	65%	22	43%
1986	4	6	3	74%	2	56%
1987	837	3	615	73%	350	42%
1988	50	<1	39	79%	23	47%
TOTALS	1128	353	712	63%	406	36%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

ALE 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	32352	12662	672	2%	353	1%
1983	263	0	10	4%	5	2%
1984	250	0	20	8%	10	4%
1985	916	0	5	<1%	3	<1%
1986	932	<1	5	<1%	3	<1%
1987	889	0	7	<1%	4	<1%
1988	618	<1	3	<1%	2	<1%
1989	686	<1	1	<1%	<1	<1%
1990	716	<1	2	<1%	1	<1%
1991	551	0	2	<1%	<1	<1%
1992	739	0	191	26%	145	20%
TOTALS	38913	12662	918	2%	527	1%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

ANL 1983-1992 AIRBORNE DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

[Hatched Box] RELEASED
 [Solid Black Box] DECAYED ON 12/31/92
 [Cross-hatched Box] DECAYED ON 12/31/02

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	1	19	<1	47%	<1	28%
1983	<1	<1	<1	59%	<1	34%
1984	<1	0	<1	62%	<1	35%
1985	<1	0	<1	66%	<1	38%
1986	<1	0	<1	70%	<1	40%
1987	<1	0	<1	74%	<1	42%
1988	<1	0	<1	78%	<1	44%
1989	<1	0	<1	81%	<1	46%
1990	<1	0	<1	87%	<1	50%
1991	<1	0	<1	92%	<1	52%
1992	<1	0	<1	98%	<1	56%
TOTALS	4	19	2	64%	1	37%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	1013830	50353	7876	<1%	2773	<1%
1983	47710	35	1747	4%	638	1%
1984	119270	20	6092	5%	1758	1%
1985	126476	177	9118	7%	2435	2%
1986	57325	57	6011	10%	1660	3%
1987	204634	50	16212	8%	4142	2%
1988	142488	128	9166	6%	2133	1%
1989	463273	48	224237	48%	59535	13%
1990	130505	7	57854	44%	14914	11%
1991	82261	<1	42658	52%	10975	13%
1992	92898	0	83861	90%	20922	23%
TOTALS	2480668	50875	464831	19%	121885	5%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

ANL 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

AUXILIARY REACTOR AREA

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	<1	<1	<1	<1%	<1	<1%
1983	<1	<1	<1	18%	<1	12%
1984	<1	<1	<1	<1%	<1	<1%
1985	<1	<1	<1	5%	<1	4%
1986	<1	<1	<1	67%	<1	53%
1987	<1	0	<1	1%	<1	1%
1988	<1	0	<1	3%	<1	2%
TOTALS	<1	<1	<1	<1%	<1	<1%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-61

SCHEDULE NO. P61PM021-C

AUXILIARY REACTOR AREA

RUN DATE: 05/13/93

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	0	<1	0	0%	0	0%
1983	<1	<1	0	0%	0	0%
1984	0	0	0	0%	0	0%
1986	<1	0	<1	12%	<1	10%
1987	<1	0	0	0%	0	0%
1988	<1	0	0	0%	0	0%
TOTALS	<1	<1	<1	<1%	<1	<1%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-62

AUXILIARY REACTOR AREA

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	541	3474	170	31%	155	29%
1983	<1	3	<1	100%	<1	100%
1984	<1	2	<1	64%	<1	53%
1985	4	<1	2	50%	2	38%
1986	<1	<1	<1	51%	<1	38%
1987	0	<1	0	0%	0	0%
TOTALS	545	3480	172	32%	157	29%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

ARA 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-63

SCHEDULE NO. P61PM021-A

BENDIX (GRAND JUNCTION, CO)

RUN DATE: 05/13/93

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1986	<1	0	<1	82%	<1	70%
TOTALS	<1	0	<1	82%	<1	70%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-64

BROOKHAVEN NATIONAL LABORATORY

RUN DATE: 05/13/93

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1983	<1	0	<1	58%	<1	32%
TOTALS	<1	0	<1	58%	<1	32%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CENTRAL FACILITIES

RUN DATE: 05/13/93

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	0	0	0	0%	0	0%
1983	<1	<1	<1	37%	<1	25%
1984	<1	<1	<1	38%	<1	21%
1985	<1	<1	<1	45%	<1	24%
1986	<1	<1	<1	31%	<1	18%
1987	<1	0	<1	12%	<1	4%
1988	<1	0	<1	20%	<1	8%
1989	<1	0	<1	22%	<1	8%
1990	<1	0	<1	19%	<1	7%
1991	<1	0	<1	15%	<1	8%
1992	<1	0	<1	6%	<1	3%
TOTALS	<1	<1	<1	23%	<1	11%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CENTRAL FACILITIES

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	14	20	7	52%	4	30%
1983	5	<1	3	59%	2	33%
1984	5	0	3	62%	2	35%
1985	4	0	3	65%	2	37%
1986	3	0	2	69%	1	40%
1987	2	0	2	73%	<1	41%
1988	1	0	<1	77%	<1	44%
1989	2	0	2	82%	1	47%
1990	2	0	2	87%	1	50%
1991	3	0	2	92%	1	52%
1992	3	0	3	97%	2	55%
TOTALS	45	20	30	67%	17	38%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CFA 1983-1992 LIQUID DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-67

CENTRAL FACILITIES

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	185	196	44	24%	19	10%
1983	<1	<1	<1	55%	<1	36%
1984	0	<1	0	0%	0	0%
1985	<1	<1	<1	99%	<1	98%
1986	0	<1	0	0%	0	0%
1987	0	4	0	0%	0	0%
1988	0	<1	0	0%	0	0%
1989	0	<1	0	0%	0	0%
1990	<1	0	<1	84%	<1	42%
TOTALS	186	200	44	24%	19	10%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CFA 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

DISPOSED
 DECAYED ON 12/31/92
 DECAYED ON 12/31/02

CFA HAD NO IDENTIFIED NUCLIDES IN 82,
 84, 86, 87, 88, 89

INEL-68

CHEMICAL PROCESSING PLANT

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY		DECAYED VALUE FOR		DECAYED VALUE FOR	
	AMOUNT (CURIES) IDENTIFIED NUCLIDES	AT RELEASE UNIDENTIFIED NUCLIDES	IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
1962*	1235836	6285051	378357	31%	198777	16%
1983	3702	0	2013	54%	1070	29%
1984	398	0	242	61%	137	34%
1985	64279	0	40569	63%	21253	33%
1986	10845	0	7096	65%	3718	34%
1987	250918	0	175956	70%	92180	37%
1988	170708	0	126369	74%	66206	39%
1989	20002	0	15524	78%	8130	41%
1990	20002	0	16561	83%	8673	43%
1991	60043	0	53943	90%	28252	47%
1992	20000	0	19997	100%	10473	52%
TOTALS	1856728	6285051	836625	45%	438870	24%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CPP 1983-1992 AIRBORNE DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-69

CHEMICAL PROCESSING PLANT

RUN DATE: 05/13/93

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	19366	1484	3960	20%	2266	12%
1983	437	0	253	58%	144	33%
1984	13	0	8	61%	4	35%
1985	393	0	264	67%	150	38%
1986	251	0	172	68%	98	39%
1987	216	0	158	73%	90	42%
1988	89	0	69	77%	39	44%
1989	<1	0	<1	47%	<1	32%
1990	<1	0	<1	83%	<1	50%
1991	2	0	2	91%	1	52%
1992	<1	0	<1	95%	<1	54%
TOTALS	20769	1484	4886	24%	2794	13%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CPP 1983-1992 LIQUID DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-70

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	488732	124587	32974	7%	17437	4%
1983	260	11	43	16%	33	13%
1984	275	26	46	17%	36	13%
1985	97	15	17	18%	13	13%
1986	184	30	33	18%	25	14%
1987	185	33	63	34%	46	25%
1988	176	15	36	20%	25	14%
1989	102	13	23	22%	15	15%
1990	211	0	51	24%	32	15%
1991	24	0	7	30%	4	15%
1992	2	0	<1	37%	<1	16%
TOTALS	490249	124731	33295	7%	17666	4%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CPP 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-71

SCHEDULE NO. P61PM021-B

CONTAINMENT TEST FACILITY

RUN DATE: 05/13/93

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1986	<1	0	<1	64%	<1	33%
1987	0	0	0	0%	0	0%
TOTALS	<1	0	<1	64%	<1	33%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-72

CONTAINMENT TEST FACILITY

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1986	<1	0	<1	86%	<1	68%
1987	0	0	0	0%	0	0%
TOTALS	<1	0	<1	86%	<1	68%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CONTAINMENT TEST FACILITY

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1986	242	35	74	30%	25	10%
1987	20	6	9	46%	2	12%
1988	0	<1	0	0%	0	0%
TOTALS	262	41	83	32%	28	11%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

CTF 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

[Hatched Box] DISPOSED [Solid Black Box] DECAYED ON 12/31/92 [Cross-hatched Box] DECAYED ON 12/31/02

CTF DISPOSED WASTE IN 86, 87 AND 88

INEL-74

DECONTAMINATION AND DECOMMISSIONING

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	53	57	40	75%	31	59%
1983	5578	1	3039	54%	1824	33%
1984	1	2	<1	59%	<1	38%
1985	<1	<1	<1	38%	<1	10%
1986	<1	<1	<1	100%	<1	100%
1987	<1	<1	<1	73%	<1	53%
1988	<1	0	<1	52%	<1	14%
1989	<1	0	<1	79%	<1	46%
1990	<1	0	<1	91%	<1	71%
1991	<1	0	<1	95%	<1	72%
1992	<1	0	<1	99%	<1	79%
TOTALS	5633	60	3079	55%	1856	33%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

D+D 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

DISPOSED
 DECAYED ON 12/31/92
 DECAYED ON 12/31/02

INEL-75

LOSS-OF-FLUID TEST FACILITY

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	4	<1	<1	<1%	<1	<1%
1983	<1	0	<1	<1%	<1	<1%
1984	27	0	<1	<1%	<1	<1%
1985	8780	0	6	<1%	3	<1%
TOTALS	8810	<1	6	<1%	3	<1%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

LOF 1983-1992 AIRBORNE DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

RELEASED
 DECAYED ON 12/31/92
 DECAYED ON 12/31/02
 LOF RELEASED EFFLUENTS FROM 78-85

INEL-76

LOSS-OF-FLUID TEST FACILITY

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	<1	<1	<1	35%	<1	28%
1983	<1	<1	<1	45%	<1	36%
1984	<1	0	<1	18%	<1	5%
1985	<1	<1	<1	56%	<1	39%
TOTALS	<1	<1	<1	40%	<1	27%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

LOSS-OF-FLUID TEST FACILITY

RUN DATE: 05/13/93

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	<1	<1	<1	19%	<1	5%
1983	<1	0	<1	21%	<1	6%
1984	2	<1	<1	15%	<1	4%
1985	<1	<1	<1	29%	<1	16%
TOTALS	2	<1	<1	17%	<1	6%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

LOF 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-78

NAVAL REACTORS FACILITY

RUN DATE: 05/13/93

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	34	<1	5	13%	3	8%
1983	<1	<1	<1	82%	<1	72%
1984	<1	<1	<1	94%	<1	90%
1985	<1	<1	<1	95%	<1	91%
1986	<1	0	<1	89%	<1	84%
1987	<1	0	<1	88%	<1	74%
1988	<1	0	<1	85%	<1	61%
1989	<1	0	<1	97%	<1	90%
1990	<1	0	<1	97%	<1	87%
1991	<1	0	<1	94%	<1	60%
1992	<1	0	<1	45%	<1	37%
TOTALS	38	<1	7	20%	5	14%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NRF 1983-1992 AIRBORNE DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

RELEASED
 DECAYED ON 12/31/92
 DECAYED ON 12/31/02

INEL-79

SCHEDULE NO. P61PM021-C

NAVAL REACTORS FACILITY

RUN DATE: 05/13/93

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	208	142	31	15%	19	9%
1992	<1	0	<1	95%	<1	54%
TOTALS	208	142	31	15%	19	9%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NAVAL REACTORS FACILITY

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	516462	3095387	48307	9%	25286	5%
1983	39053	0	22097	57%	17715	45%
1984	365127	0	212753	58%	167944	46%
1985	141754	0	86050	61%	66284	47%
1986	35930	0	22849	64%	17109	48%
1987	29665	0	19700	66%	14358	48%
1988	6732	0	4727	70%	3328	49%
1989	126487	<1	99882	79%	73395	58%
1990	74089	0	55982	76%	36530	49%
1991	102852	0	63137	61%	37315	36%
1992	49795	0	41435	83%	24611	49%
TOTALS	1487941	3095387	676919	45%	483875	33%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NRF 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

DISPOSED
 DECAYED ON 12/31/92
 DECAYED ON 12/31/02

INEL-81

SCHEDULE NO. P61PM021-B

POWER BURST FACILITY

RUN DATE: 05/13/93

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	<1	<1	<1	28%	<1	22%
1983	<1	<1	<1	63%	<1	50%
1984	<1	<1	<1	59%	<1	46%
1985	<1	<1	<1	32%	<1	25%
1986	<1	<1	<1	49%	<1	39%
1987	<1	0	0	0%	0	0%
1988	<1	0	<1	6%	<1	4%
1989	<1	0	<1	51%	<1	41%
1990	<1	0	<1	5%	<1	4%
1991	<1	0	<1	47%	<1	37%
1992	<1	0	<1	29%	<1	23%
TOTALS	<1	<1	<1	28%	<1	23%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-82

POWER BURST FACILITY

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	<1	<1	<1	50%	<1	40%
TOTALS	<1	<1	<1	50%	<1	40%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

POWER BURST FACILITY

RUN DATE: 05/13/93

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	<1	7	<1	95%	<1	91%
1983	0	<1	0	0%	0	0%
1984	0	181	0	0%	0	0%
1985	367	4	270	74%	212	58%
1986	0	<1	0	0%	0	0%
1987	8	3	4	51%	1	14%
1988	<1	2	<1	54%	<1	14%
TOTALS	376	197	275	73%	213	57%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

PBF 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

DISPOSED
 DECAYED ON 12/31/92
 DECAYED ON 12/31/02

PBF HAD NO IDENTIFIED NUCLIDES IN 81, 83,
84 AND 86

INEL-84

ROCKY FLATS PLANT

RUN DATE: 05/13/93

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	4870	251140	4793	98%	4785	98%
TOTALS	4870	251140	4793	98%	4785	98%
* INCLUDES 1962 - 1982						

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

SPECIAL MANUFACTURING CAPABILITY

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1985	<1	0	<1	43%	<1	43%
1986	<1	0	<1	43%	<1	43%
1987	<1	0	<1	22%	<1	22%
1988	<1	0	<1	43%	<1	43%
1989	<1	0	<1	36%	<1	36%
1990	<1	0	<1	36%	<1	36%
1991	<1	0	<1	36%	<1	36%
1992	<1	0	<1	41%	<1	36%
TOTALS	<1	0	<1	30%	<1	29%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

SMC 1983-1992 AIRBORNE DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

▨ DISPOSED ■ DECAYED ON 12/31/92 ▩ DECAYED ON 12/31/02

SMC BEGAN OPERATION IN 1985 AND
BEGAN REPORTING TO RWMS IN 1990

INEL-86

SPECIAL MANUFACTURING CAPABILITY

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1986	<1	0	<1	100%	<1	100%
1987	<1	0	<1	100%	<1	100%
1988	<1	0	<1	100%	<1	100%
1989	<1	0	<1	100%	<1	100%
1991	<1	0	<1	100%	<1	100%
1992	<1	0	<1	100%	<1	100%
TOTALS	1	0	1	100%	1	100%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

SCHEDULE NO. P61PM021-B

SPECIAL POWER EXCURSION REACTOR TEST

RUN DATE: 05/13/93

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	0	6	0	0%	0	0%
TOTALS	0	6	0	%	0	%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-88

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1962*	<1	155	<1	29%	<1	23%
TOTALS	<1	155	<1	29%	<1	23%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

SCHEDULE NO. P61PM021-A

SPECIAL POWER EXCURSION REACTOR TEST

RUN DATE: 05/13/93

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	5	19	<1	11%	<1	6%
1987	<1	<1	<1	100%	<1	100%
1989	0	<1	0	0%	0	0%
1991	<1	0	<1	88%	<1	50%
TOTALS	5	19	<1	11%	<1	6%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

TEST AREA NORTH

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	<1	53724	<1	51%	<1	27%
1983	<1	<1	<1	69%	<1	54%
1984	<1	<1	<1	72%	<1	57%
1985	<1	<1	<1	43%	<1	34%
1986	<1	<1	<1	10%	<1	8%
1987	<1	0	<1	60%	<1	34%
1988	<1	0	<1	33%	<1	26%
1989	<1	0	<1	46%	<1	37%
1990	<1	0	<1	18%	<1	14%
1991	<1	0	<1	18%	<1	14%
1992	<1	0	<1	<1%	<1	<1%
TOTALS	<1	53724	<1	51%	<1	27%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

SCHEDULE NO. P61PM021-C

TEST AREA NORTH

RUN DATE: 05/13/93

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	18	39	6	33%	3	19%
1983	<1	<1	<1	56%	<1	32%
1984	<1	<1	<1	62%	<1	35%
1985	<1	<1	<1	63%	<1	36%
1986	<1	0	<1	67%	<1	39%
1987	<1	0	<1	<1%	<1	<1%
1988	<1	0	<1	10%	<1	6%
1989	<1	0	<1	74%	<1	42%
1990	<1	0	<1	71%	<1	41%
1991	<1	0	<1	89%	<1	51%
1992	<1	0	<1	92%	<1	53%
TOTALS	20	39	7	35%	4	20%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-92

TEST AREA NORTH

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	18659	82748	6832	37%	6463	35%
1983	31	5	24	77%	19	61%
1984	0	2	0	0%	0	0%
1985	0	17	0	0%	0	0%
1986	1	16	<1	87%	<1	69%
1987	11	347	8	68%	4	39%
1988	<1	1	<1	58%	<1	21%
1989	66	<1	58	87%	45	68%
1990	2658	0	2484	93%	1966	74%
1991	<1	0	<1	94%	<1	69%
1992	347	0	337	97%	260	75%
TOTALS	21774	83137	9743	45%	8758	40%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

TAN 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-93

TEST REACTOR AREA

RUN DATE: 05/13/93

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY		DECAYED VALUE FOR		DECAYED VALUE FOR	
	AMOUNT (CURIES) AT RELEASE IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
1962*	3051715	2363315	2	<1%	1	<1%
1983	8104	<1	<1	<1%	<1	<1%
1984	4162	<1	<1	<1%	<1	<1%
1985	3288	<1	<1	<1%	<1	<1%
1986	2741	<1	<1	<1%	<1	<1%
1987	3140	0	2	<1%	1	<1%
1988	2609	0	<1	<1%	<1	<1%
1989	1682	0	<1	<1%	<1	<1%
1990	3741	0	<1	<1%	<1	<1%
1991	3284	0	<1	<1%	<1	<1%
1992	3439	0	31	<1%	<1	<1%
TOTALS	3087898	2363315	35	<1%	2	<1%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

TRA 1983-1992 AIRBORNE DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

[Hatched Box] RELEASED
 [Solid Black Box] DECAYED ON 12/31/92
 [Cross-hatched Box] DECAYED ON 12/31/02

INEL-94

TEST REACTOR AREA

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	24162	27451	2238	9%	1297	5%
1983	232	<1	120	52%	68	29%
1984	173	<1	101	58%	58	33%
1985	269	0	171	64%	97	36%
1986	91	<1	54	59%	31	34%
1987	139	0	95	68%	54	39%
1988	179	0	134	75%	76	43%
1989	134	0	104	77%	59	44%
1990	185	0	158	85%	90	48%
1991	165	0	150	90%	85	51%
1992	184	0	175	95%	99	54%
TOTALS	25913	27451	3498	14%	2014	8%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

TRA 1983-1992 LIQUID DECAY SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-95

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	2395459	1470491	66584	3%	23535	<1%
1983	865	101	70	8%	37	4%
1984	1013	85	114	11%	60	6%
1985	2369	83	149	6%	83	4%
1986	1233	20	94	8%	49	4%
1987	6237	5394	2933	47%	809	13%
1988	139	8	2	1%	<1	<1%
1989	75	2	2	2%	<1	<1%
1990	68	<1	6	8%	2	2%
1991	2430	0	1220	50%	240	10%
1992	909	0	403	44%	53	6%
TOTALS	2410792	1476182	71575	3%	24870	1%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

TRA 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

INEL-96

WASTE EXPERIMENTAL REDUCTION FACILITY

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES	CURIES REMAINING		CURIES REMAINING	
1986	<1	<1	<1	28%	<1	22%
1987	<1	0	<1	33%	<1	26%
1988	<1	0	<1	32%	<1	25%
1989	<1	0	<1	6%	<1	5%
1990	<1	0	<1	10%	<1	7%
1991	<1	0	<1	41%	<1	30%
1992	<1	0	<1	7%	<1	6%
TOTALS	<1	<1	<1	31%	<1	23%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

SCHEDULE NO. P61PM021-A

RUN DATE: 05/13/93

WASTE EXPERIMENTAL REDUCTION FACILITY

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1985	0	<1	0	0%	0	0%
1986	0	<1	0	0%	0	0%
1987	0	<1	0	0%	0	0%
1988	0	<1	0	0%	0	0%
1989	0	<1	0	0%	0	0%
1990	0	6	0	0%	0	0%
1991	0	3	0	0%	0	0%
TOTALS	0	10	0	%	0	%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

INEL-98

WASTE MANAGEMENT COMPLEX

AIRBORNE EFFLUENT DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1987	<1	0	<1	3%	<1	2%
1988	<1	0	0	0%	0	0%
1989	<1	0	0	0%	0	0%
1992	<1	0	0	0%	0	0%
TOTALS	<1	0	<1	1%	<1	<1%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

WASTE MANAGEMENT COMPLEX

RUN DATE: 05/13/93

LIQUID EFFLUENT DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES) AT RELEASE		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	0	0	0	0%	0	0%
TOTALS	0	0	0	%	0	%
* INCLUDES 1962 - 1982						

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

WASTE MANAGEMENT COMPLEX

SOLID DISPOSED WASTE DECAY DATA

ACCUMULATED IN	RADIOACTIVITY AMOUNT (CURIES)		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/92 CURIES REMAINING		DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH 12/31/02 CURIES REMAINING	
	IDENTIFIED NUCLIDES	UNIDENTIFIED NUCLIDES				
1962*	6	60920	4	71%	3	56%
1983	0	<1	0	0%	0	0%
1984	<1	0	<1	100%	<1	100%
1986	<1	0	<1	99%	<1	97%
1987	83	<1	82	99%	81	98%
1989	<1	0	<1	100%	<1	100%
1990	<1	0	<1	100%	<1	100%
TOTALS	89	60920	87	97%	84	95%

* INCLUDES 1962 - 1982

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

WMC 1983-1992 SOLID DISPOSED WASTE SUMMARY
IN CURIES, DECAYED VALUE FOR IDENTIFIED NUCLIDES

DISPOSED
 DECAYED ON 12/31/92
 DECAYED ON 12/31/02

WMC DID NOT DISPOSE OF ANY WASTE IN 1985
AND 1988

INEL 1992 Year-to-Date Summary

INEL Year-To-Date Summary, 1992	INEL-105
INEL Year-To-Date CY-1992 Pie Charts	INEL-108
INEL Year-To-Date Summary CY-1992 Bar Graphs	INEL-109

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

INEL YEAR TO DATE SUMMARY
FOR JANUARY THROUGH DECEMBER 1992

PG 1 RPT. 2

FACILITY	AIRBORNE		LIQUID		SOLID	
	VOLUME (CU. METERS)	RADIO- ACTIVITY (CURIES)	VOLUME (LITERS)	RADIO- ACTIVITY (CURIES)	VOLUME (CU. METERS)	RADIO- ACTIVITY (CURIES)
DISPOSED WASTES						
ANL	2.542E+09	7.391E+02	1.331E+06	5.656E-02	5.574E+01	9.290E+04
CFA	5.838E+07	2.591E-06	1.605E+08	3.289E+00		
CPP	3.895E+09	2.000E+04	2.433E+09	2.281E-01	1.287E+02	2.112E+00
D+D					1.850E+02	6.903E-03
NRF	1.654E+09	5.451E-01	2.366E+05	5.252E-02	1.593E+02	4.979E+04
PBF	5.833E+07	5.146E-07				
SMC	3.047E+09	2.350E-05			4.984E+01	2.239E-03
TAN	1.820E+08	2.629E-05	1.158E+08	7.776E-02	8.695E+01	3.466E+02
TRA	1.130E+09	3.439E+03	8.780E+07	1.837E+02	1.786E+02	9.090E+02
WER*	1.346E+08	1.129E-06				
WMC	1.396E+07	6.768E-09				
DISPOSED WASTES SUBTOTAL	1.272E+10	2.418E+04	2.799E+09	1.874E+02	8.441E+02	1.440E+05

* SOLID VALUES ARE FOR WASTE DISPOSED AT WMC AND ARE END PRODUCTS OF WERF REDUCTION PROCESSES.

SCHEDULE P61PM009-B

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

INEL YEAR TO DATE SUMMARY
FOR JANUARY THROUGH MAY 1992

PG 2 RPT. 2

FACILITY	AIRBORNE		LIQUID		SOLID	
	VOLUME (CU. METERS)	RADIO- ACTIVITY (CURIES)	VOLUME (LITERS)	RADIO- ACTIVITY (CURIES)	VOLUME (CU. METERS)	RADIO- ACTIVITY (CURIES)
STORED WASTES						
ANL STORAGE AREA						
ANL					9.905E-02	3.974E+04
	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.905E-02	3.974E+04
TSA WASTE FROM:						
ANL					1.981E-01	6.440E-03
	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.981E-01	6.440E-03

STORED WASTES SUBTOTAL			0.000E+00	0.000E+00	2.971E-01	3.974E+04

INEL-106

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

INEL YEAR TO DATE SUMMARY
FOR JANUARY THROUGH DECEMBER 1992

PG 3 RPT. 2

FACILITY	AIRBORNE		LIQUID		SOLID	
	VOLUME (CU. METERS)	RADIO- ACTIVITY (CURIES)	VOLUME (LITERS)	RADIO- ACTIVITY (CURIES)	VOLUME (CU. METERS)	RADIO- ACTIVITY (CURIES)

WASTES TO BE PROCESSED AT MERF FROM:						
ANL					8.061E+01	4.407E-02
CFA					2.270E-01	4.648E-08
CPP					6.593E+01	1.620E-01
D+D					5.424E+00	4.800E-10
NRF					3.889E+02	1.729E+00
PER					1.132E+00	4.393E-07
TRA					5.858E+02	1.696E+01

MERF WASTES SUBTOTAL	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.128E+03	1.889E+01

INEL-107

INEL Year-to-Date Summary CY-1992

INEL AIRBORNE EFFLUENT

INEL LIQUID EFFLUENT

AREAS NOT LISTED HAVE VALUES <1% OF THE TOTAL

AREAS NOT LISTED HAVE VALUES <1% OF THE TOTAL

INEL SOLID WASTE VOLUME (Cubic Meters) DISPOSED AT RWMC AND SENT FOR REDUCTION EFFORTS

INEL Year-to-Date Summary CY-1992

1992 INEL ACCUMULATED YEAR-TO-DATE DISPOSED SOLID WASTE AT THE RWMC

1992 ACCUMULATED YEAR-TO-DATE SOLID TRANSURANIC WASTE VOLUME AT THE RWMC

1992 INEL ACCUMULATED YEAR-TO-DATE SOLID LOW LEVEL WASTE

INEL Disposed Waste Decay Summary In Curies for 1992

INEL Disposed Waste Decay Summary In Curies For 1992 INEL-113

DISPOSED WASTE DECAY SUMMARY IN CURIES FOR 1992									
	TOTAL IDENTIFIED NUCLIDES AT TIME OF DISPOSAL	TOTAL UNIDENTIFIED NUCLIDES AT TIME OF DISPOSAL	----- DECAYED VALUE FOR IDENTIFIED NUCLIDES THROUGH -----						
			01/01/93	01/01/94	01/01/95	01/01/96	01/01/97	01/01/98	01/01/03
AIRBORNE	24179	0	20202	18912	17735	16632	15595	14626	10616
LIQUID	187	0	178	168	159	150	142	134	101
SOLID	143948	0	125973	108778	96234	86060	77500	70204	45838

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

Nuclide Summary in Curies for Airborne, Liquid, and Solid Waste

Airborne Nuclide Summary In Curies, 1992	INEL-117
Liquid Nuclide Summary In Curies, 1992	INEL-119
Disposed Solid Waste Nuclide Summary In Curies, 1992	INEL-120
Transuranic Storage Area Nuclide Summary In Curies, 1992	INEL-122
ANL Storage Area Nuclide Summary In Curies, 1992	INEL-123
WERF Processed Nuclide Summary In Curies, 1992	INEL-124

IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

 AIRBORNE
 NUCLIDE SUMMARY IN CURIES
 FOR JANUARY THROUGH DECEMBER 1992

PG 1

NUCLIDE IDENT	ANL	CFA	CPP	NRF	PBF	SMC	TAN	TRA	NER	MMC	TOTAL
AR-41	49			<1				2,499			2,548
BA-LA-140	<1										<1
BA-139								<1			<1
BA-140	<1							<1			<1
C-14			<1	<1							<1
CO-57			<1								<1
CO-58								<1			<1
CO-60		<1	<1					<1			<1
CR-51								<1			<1
CS-134			<1								<1
CS-137			<1		<1			<1			<1
CS-138								2			2
CS-140	114										114
EU-154			<1								<1
GROS-BET-GAM	<1										<1
GROSS-ALPHA	<1	<1			<1		<1	<1	<1	<1	<1
GROSS-BETA		<1		<1	<1		<1	<1	<1	<1	<1
H-3	1		<1	<1							1
HG-203								<1			<1
I-129			<1								<1
I-131				<1				<1			<1
I-132								<1			<1
I-133								<1			<1
I-135								<1			<1
KR-85	61		20,000								20,061
KR-85M	20							45			66
KR-87	17							125			142
KR-88	25							133			158
LA-140	<1							<1			<1
MN-54			<1								<1
NA-24								<1			<1
OS-191								<1			<1
PA-234						<1					<1
PA-234M						<1					<1
RB-88	<1							1			1
RB-89								1			1
RE-188								<1			<1
RU-106			<1								<1
SB-125			<1								<1
SR-90		<1	<1		<1		<1	<1	<1		<1
TC-99M								<1			<1
TH-234						<1					<1
TOTAL-PU			<1								<1
U-234						<1					<1
U-238						<1					<1
XE-133	197							76			273
XE-135	120							152			272

INEL-117

SCHEDULE P61PH018-A

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

AIRBORNE
NUCLIDE SUMMARY IN CURIES
FOR JANUARY THROUGH DECEMBER 1992

PG 2

NUCLIDE IDENT	ANL	CFA	CPP	NRF	PBF	SMC	TAN	TRA	MER	MHC	TOTAL
XE-135M	3							70			73
XE-138	7							334			341
XE-140	126										126
Y-90		<1			<1		<1	<1	<1		<1
Y-91M								<1			<1
ZN-65								<1			<1
TOTAL											
	739	<1	20,000	<1	<1	<1	<1	3,439	<1	<1	24,179

INEL-118

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

LIQUID
NUCLIDE SUMMARY IN CURIES
FOR JANUARY THROUGH DECEMBER 1992

PG 1

NUCLIDE IDENT	ANL	CFA	CPP	NRF	TAN	TRA	TOTAL
AG-110M						<1	<1
C-14				<1			<1
CE-141						<1	<1
CE-144						<1	<1
CO-58				<1		<1	<1
CO-60				<1		<1	<1
CR-51						3	3
CS-137			<1	<1		<1	<1
GROSS-ALPHA		<1			<1		<1
GROSS-BETA		<1			<1	<1	<1
H-3	<1	3	<1	<1	<1	179	183
HF-181						<1	<1
I-131						<1	<1
I-132						<1	<1
MN-54				<1		<1	<1
MO-99						<1	<1
NA-24						<1	<1
NB-95						<1	<1
NB-97						<1	<1
NI-63				<1			<1
RU-103						<1	<1
RU-106			<1				<1
SB-124						<1	<1
SB-125			<1			<1	<1
SR-89						<1	<1
SR-90		<1	<1	<1	<1	<1	<1
TE-132						<1	<1
TOTAL-PU			<1				<1
TOTAL-U			<1				<1
XE-133						<1	<1
Y-90		<1		<1	<1	<1	<1
ZN-65						<1	<1
ZR-95						<1	<1
TOTAL	<1	3	<1	<1	<1	184	187

INEL-119

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

DISPOSED SOLID WASTE
NUCLIDE SUMMARY IN CURIES
FOR JANUARY THROUGH DECEMBER 1992

PG 1

NUCLIDE IDENT	ANL	CPP	D+D	NRF	SMC	TAN	TRA	TOTAL
AM-241							<1	<1
BA-137M				<1				<1
BA-140	<1						<1	<1
C-14				1			<1	1
CE-139							<1	<1
CE-141	<1						1	1
CE-144	6	<1				1	<1	8
CO-57	<1			<1				<1
CO-58	2,954			261			1	3,216
CO-60	81,967		<1	11,615		5	123	93,710
CR-51	515			49			57	621
CS-134	<1			<1		6	<1	7
CS-137	22	<1	<1	<1		332	<1	355
EU-152	<1			<1			<1	<1
EU-154	<1			<1			<1	<1
EU-155	<1						<1	<1
FE-55				7,425			205	7,630
FE-59	228			<1			<1	228
H-3	<1			<1			<1	<1
HF-175				360			<1	360
HF-181				601			<1	602
I-129				<1				<1
I-131							<1	<1
I-132							<1	<1
I-133							<1	<1
IR-192							<1	<1
K-40				<1				<1
LA-140	<1						1	1
MN-54	7,201			<1			13	7,214
MN-56							1	1
MO-99							<1	<1
NA-24							<1	<1
NB-94				<1			<1	<1
NB-95	<1	<1		936			130	1,067
NI-59				172			<1	172
NI-63				22,703			10	22,713
PM-147							2	2
PR-144		<1					<1	<1
PU-238				<1				<1
PU-239	<1							<1
PU-240	<1							<1
RE-188							<1	<1
RH-106		<1						<1
RU-103	<1						<1	<1
RU-106	<1	<1		<1				<1
SB-124							<1	<1
SB-125	1	<1		564		2	20	587

INEL-120

SCHEDULE P61PM018-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

DISPOSED SOLID WASTE
NUCLIDE SUMMARY IN CURIES
FOR JANUARY THROUGH DECEMBER 1992

PG 2

NUCLIDE IDENT	ANL	CPP	D+D	NRF	SMC	TAN	TRA	TOTAL
SC-46							<1	<1
SE-75							<1	<1
SN-113				<1			4	4
SN-117M							7	7
SN-119M				1,823			60	1,883
SR-85	<1							<1
SR-89							2	2
SR-90	<1	<1		<1			<1	1
SR-91							<1	<1
TA-182	<1			2,059				2,059
TC-99				<1			<1	<1
TE-125M							41	41
TE-132							<1	<1
U-235	<1							<1
U-238	<1				<1			<1
M-185				793				793
Y-90	<1	<1		<1				<1
Y-93							<1	<1
ZN-65							163	163
ZR-95	<1	<1		432			62	495
TOTAL								
	92,899	2	<1	49,795	<1	347	909	143,951

INEL-121

SCHEDULE P61PM018-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

TRANSURANIC STORAGE AREA
NUCLIDE SUMMARY IN CURIES
FOR JANUARY THROUGH DECEMBER 1992

PG 1

NUCLIDE IDENT	ANL	TOTAL
AM-241	<1	<1
PU-239	<1	<1
U-235	<1	<1
U-238	<1	<1
TOTAL	-----	-----
	<1	<1

INEL-122

SCHEDULE P61PM018-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

ANL STORAGE AREA
NUCLIDE SUMMARY IN CURIES
FOR JANUARY THROUGH DECEMBER 1992

PG 1

NUCLIDE IDENT	ANL	TOTAL
CO-58	1,190	1,190
CO-60	37,060	37,060
CR-51	880	880
FE-59	88	88
MN-54	523	523
PU-239	<1	<1
PU-240	<1	<1
TOTAL		
	39,741	39,741

INEL-123

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
INEL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/11/93

WERF PROCESSED
NUCLIDE SUMMARY IN CURIES
FOR JANUARY THROUGH DECEMBER 1992

PG 1

INEL-124

NUCLIDE IDENT	ANL	CFA	CPP	D+D	NRF	PER	TRA	TOTAL
AG-110M							<1	<1
BA-137M					<1			<1
BA-140							<1	<1
C-14					<1			<1
CE-141							<1	<1
CE-144			<1				<1	<1
CO-57					<1			<1
CO-58					<1		<1	<1
CO-60		<1			<1	<1	10	11
CR-51					<1		3	3
CS-134					<1		<1	<1
CS-137		<1	<1	<1	<1	<1	<1	<1
EU-152					<1		<1	<1
EU-154					<1		<1	<1
EU-155							<1	<1
FE-55					<1			<1
FE-59					<1		<1	<1
HF-181							<1	<1
I-129					<1			<1
I-131							<1	<1
IR-192							<1	<1
LA-140							<1	<1
MAP	<1							<1
MFP	<1							<1
MN-54					<1		<1	<1
NB-95			<1		<1		<1	<1
NI-63					<1			<1
PR-144			<1					<1
PU-238					<1			<1
PU-239	<1							<1
PU-240	<1							<1
RH-106			<1					<1
RU-103							<1	<1
RU-106			<1		<1			<1
SB-124							<1	<1
SB-125			<1				<1	<1
SC-46							<1	<1
SR-90			<1		<1			<1
TA-182							<1	<1
TC-99					<1			<1
Y-90			<1		<1			<1
ZN-65							<1	<1
ZR-95			<1		<1		<1	<1
TOTAL								
	<1	<1	<1	<1	2	<1	17	19

Argonne National Laboratory--West 1992 Detail Data

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Argonne National Laboratory-West (ANL) Bar Graphs of Annual Data by Month

Argonne National Laboratory-West (ANL) Monthly Details - CY-1992

Argonne National Laboratory-West (ANL) Monthly Details - CY-1992

ANL-6

**ANL Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ANL AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 401
ANL-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		2.886E-08	3.077E-08	1.659E-08	5.225E-08	4.250E-08	1.155E-09	1.941E-08	6.988E-15	1.00E-08	
CURIES		6.195E+00	6.596E+00	3.443E+00	1.121E+01	8.827E+00	2.474E-01	4.935E+01			
% OF TOTAL		7.203	6.300	4.974	10.025	9.067	0.389	6.677			
BA-LA-140	1.276E+01										
CONCEN (UC/ML)		3.760E-13	1.536E-12	2.541E-13				4.038E-13	1.454E-19	3.00E-09	
CURIES		8.071E-05	3.294E-04	5.275E-05				1.027E-03			
% OF TOTAL											
BA-140	1.276E+01										
CONCEN (UC/ML)		1.576E-12	1.639E-12	6.985E-13	2.846E-12	2.272E-12		7.792E-13	2.805E-19	3.00E-09	
CURIES		3.383E-04	3.513E-04	1.450E-04	6.107E-04	4.719E-04		1.981E-03			
% OF TOTAL					0.001						
CS-140	1.260E+09										
CONCEN (UC/ML)		8.846E-08	9.199E-08	3.911E-08	1.598E-07	1.276E-07		4.484E-08	1.614E-14		
CURIES		1.899E+01	1.972E+01	8.120E+00	3.428E+01	2.649E+01		1.140E+02			
% OF TOTAL		22.079	18.835	11.731	30.654	27.211		15.423			
GROS-BET-GAM											
CONCEN (UC/ML)		7.190E-16	7.756E-15	2.298E-14	1.816E-12	8.160E-13	1.541E-15	2.268E-13	8.163E-20		
CURIES		1.543E-07	1.663E-06	4.770E-06	3.898E-04	1.695E-04	3.301E-07	5.765E-04			
% OF TOTAL											
GROSS-ALPHA											
CONCEN (UC/ML)		2.110E-16	5.531E-16	9.481E-16	2.713E-16	8.967E-17	4.561E-16	4.173E-16	1.502E-22		
CURIES		4.529E-08	1.186E-07	1.968E-07	5.821E-08	1.862E-08	9.772E-08	1.061E-06			
% OF TOTAL											
H-3	4.490E+03										
CONCEN (UC/ML)		1.114E-09	7.758E-10	3.102E-10	5.345E-10	2.740E-10	1.874E-09	4.747E-10	1.709E-16	1.00E-07	
CURIES		2.390E-01	1.663E-01	6.440E-02	1.147E-01	5.690E-02	4.014E-01	1.207E+00			
% OF TOTAL		0.278	0.159	0.093	0.103	0.058	0.632	0.163			
KR-85	3.913E+03										
CONCEN (UC/ML)		7.957E-09	3.458E-09	1.719E-09	1.485E-08	5.150E-08	3.580E-08	2.382E-08	8.575E-15	3.00E-06	
CURIES		1.708E+00	7.414E-01	3.568E-01	3.186E+00	1.070E+01	7.670E+00	6.057E+01			
% OF TOTAL		1.986	0.708	0.515	2.849	10.987	12.072	8.194			
KR-85M	1.867E-01										
CONCEN (UC/ML)		1.023E-08	1.794E-08	9.220E-09	8.556E-09	7.055E-09	1.919E-08	7.978E-09	2.872E-15	1.00E-07	
CURIES		2.196E+00	3.847E+00	1.914E+00	1.836E+00	1.465E+00	4.111E+00	2.028E+01			
% OF TOTAL		2.553	3.674	2.765	1.642	1.505	6.470	2.744			

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 ANL AIRBORNE WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

 PAGE 2 RPT. 401
 ANL-A
 YEARLY
 RELEASE
 % OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	ANL-A YEARLY RELEASE % OF CG
KR-87	5.278E-02										
CONCEN (UC/ML)		7.523E-09	1.291E-08	8.175E-09	7.454E-09	5.964E-09	1.259E-08	6.539E-09	2.354E-15	2.00E-08	
CURIES		1.615E+00	2.768E+00	1.697E+00	1.599E+00	1.239E+00	2.697E+00	1.662E+01			
% OF TOTAL		1.878	2.644	2.452	1.430	1.272	4.245	2.249			
KR-88	1.183E-01										
CONCEN (UC/ML)		1.242E-08	2.190E-08	1.175E-08	1.130E-08	9.045E-09	1.512E-08	9.685E-09	3.486E-15	9.00E-09	
CURIES		2.667E+00	4.696E+00	2.439E+00	2.425E+00	1.879E+00	3.240E+00	2.462E+01			
% OF TOTAL		3.101	4.485	3.523	2.169	1.930	5.099	3.331			
LA-140	1.678E+00										
CONCEN (UC/ML)		1.576E-16	1.639E-16	6.985E-17	2.846E-16	2.272E-16		7.688E-17	2.768E-23	3.00E-09	
CURIES		3.383E-08	3.513E-08	1.450E-08	6.107E-08	4.719E-08		1.955E-07			
% OF TOTAL											
RB-88	1.229E-02										
CONCEN (UC/ML)		3.954E-12	4.111E-12	1.749E-12	7.140E-12	5.701E-12		1.965E-12	7.074E-19	3.00E-08	
CURIES		8.487E-04	8.813E-04	3.630E-04	1.532E-03	1.184E-03		4.997E-03			
% OF TOTAL		0.001	0.001	0.001	0.001	0.001		0.001			
XE-133	5.250E+00										
CONCEN (UC/ML)		7.529E-08	8.108E-08	1.772E-07	4.491E-08	4.523E-08	6.493E-08	7.757E-08	2.792E-14	5.00E-07	
CURIES		1.616E+01	1.738E+01	3.679E+01	9.637E+00	9.393E+00	1.391E+01	1.972E+02			
% OF TOTAL		18.791	16.602	53.143	8.618	9.648	21.893	26.681			
XE-135	3.792E-01										
CONCEN (UC/ML)		7.358E-08	1.263E-07	2.647E-08	5.314E-08	4.517E-08	1.355E-07	4.709E-08	1.695E-14	8.00E-08	
CURIES		1.579E+01	2.706E+01	5.495E+00	1.140E+01	9.381E+00	2.902E+01	1.197E+02			
% OF TOTAL		18.363	25.850	7.939	10.197	9.636	45.675	16.198			
XE-135M	1.062E-02										
CONCEN (UC/ML)		9.098E-10	1.575E-09	3.474E-10	8.538E-10	6.385E-10	5.611E-09	1.135E-09	4.087E-16	5.00E-08	
CURIES		1.953E-01	3.376E-01	7.213E-02	1.832E-01	1.326E-01	1.202E+00	2.887E+00			
% OF TOTAL		0.227	0.322	0.104	0.164	0.136	1.892	0.391			
XE-138	9.792E-03										
CONCEN (UC/ML)		3.061E-09	4.851E-09	2.224E-09	2.754E-09	2.266E-09	4.841E-09	2.628E-09	9.460E-16	2.00E-08	
CURIES		6.570E-01	1.040E+00	4.618E-01	5.909E-01	4.707E-01	1.037E+00	6.682E+00			
% OF TOTAL		0.764	0.993	0.667	0.528	0.484	1.632	0.904			
XE-140	1.570E-04										
CONCEN (UC/ML)		9.126E-08	9.488E-08	4.032E-08	1.648E-07	1.315E-07		4.955E-08	1.784E-14		
CURIES		1.959E+01	2.034E+01	8.370E+00	3.536E+01	2.732E+01		1.260E+02			
% OF TOTAL		22.777	19.427	12.092	31.620	28.063		17.044			

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SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ANL AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 3 RPT. 401
ANL-A
YEARLY
RELEASE
CG**
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
TOTALS											
ALPHA CURIES		4.529E-08	1.186E-07	1.968E-07	5.821E-08	1.862E-08	9.772E-08	1.061E-06			
% OF TOTAL											
B+G CURIES		8.601E+01	1.047E+02	6.922E+01	1.118E+02	9.735E+01	6.354E+01	7.391E+02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.997			
VOLUME (CU. METERS)		2.147E+08	2.144E+08	2.076E+08	2.146E+08	2.077E+08	2.142E+08	2.542E+09			
GRAND TOTALS (CURIES)		8.601E+01	1.047E+02	6.922E+01	1.118E+02	9.735E+01	6.354E+01	7.392E+02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ANL LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG #	% OF CG
H-3	4.490E+03									
CONCEN (UC/ML)		3.514E-05	6.946E-05	6.946E-05	4.324E-05	4.324E-05	2.973E-05	4.251E-05	2.00E-03	2.13
CURIES		4.603E-03	1.283E-02	5.469E-03	7.299E-03	4.256E-03	7.721E-03	5.656E-02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		4.603E-03	1.283E-02	5.469E-03	7.299E-03	4.256E-03	7.721E-03	5.656E-02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)		1.310E+05	1.847E+05	7.873E+04	1.688E+05	9.842E+04	2.597E+05	1.331E+06		
GRAND TOTALS (CURIES)		4.603E-03	1.283E-02	5.469E-03	7.299E-03	4.256E-03	7.721E-03	5.656E-02		

* NOTE: DCS value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 ANL DISPOSED SOLID WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
BA-140 CURIES % OF TOTAL	1.276E+01							2.333E-04
CE-141 CURIES % OF TOTAL	3.250E+01							9.682E-04
CE-144 CURIES % OF TOTAL	2.844E+02		3.136E+00 0.004	7.000E-01 0.019				6.213E+00 0.007
CO-57 CURIES % OF TOTAL	2.718E+02							2.588E-02
CO-58 CURIES % OF TOTAL	7.091E+01		1.490E+03 1.970	3.418E+02 9.064				2.954E+03 3.180
CO-60 CURIES % OF TOTAL	1.924E+03		6.913E+04 91.430	1.986E+03 52.680				8.197E+04 88.233
CR-51 CURIES % OF TOTAL	2.770E+01		1.746E+02 0.231	6.271E+01 1.663				5.153E+02 0.555
CS-134 CURIES % OF TOTAL	7.537E+02		6.272E-01 0.001	1.400E-01 0.004				9.198E-01 0.001
CS-137 CURIES % OF TOTAL	1.101E+04		9.728E+00 0.013	2.170E+00 0.058				2.165E+01 0.023
EU-152 CURIES % OF TOTAL	4.891E+03							1.114E-02
EU-154 CURIES % OF TOTAL	3.103E+03		3.150E-01	7.000E-02 0.002				6.418E-01 0.001
EU-155 CURIES % OF TOTAL	1.727E+03		3.150E-01	7.000E-02 0.002				5.290E-01 0.001

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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		FOR JAN THROUGH DEC 1972							ANNUAL TOTAL
NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
FE-59 CURIES % OF TOTAL	4.451E+01		1.280E+02 0.169	4.512E+01 1.197				2.280E+02 0.245	
H-3 CURIES % OF TOTAL	4.490E+03							1.627E-04	
LA-140 CURIES % OF TOTAL	1.678E+00							8.166E-05	
MN-54 CURIES % OF TOTAL	3.122E+02		4.673E+03 6.181	1.331E+03 35.304				7.201E+03 7.751	
NB-95 CURIES % OF TOTAL	3.498E+01		4.707E-01 0.001	1.050E-01 0.003				9.162E-01 0.001	
PU-239 CURIES % OF TOTAL GRAMS	8.800E+06		4.678E-05 7.532E-04	6.148E-06 9.901E-05				3.402E-04 5.478E-03	
PU-240 CURIES % OF TOTAL GRAMS	2.394E+06		1.590E-04 7.002E-04	2.270E-07 1.000E-06				1.624E-04 7.152E-04	
RU-103 CURIES % OF TOTAL	3.924E+01							1.092E-02	
RU-106 CURIES % OF TOTAL	3.726E+02							6.264E-03	
SB-125 CURIES % OF TOTAL	1.007E+03		6.272E-01 0.001	1.400E-01 0.004				1.190E+00 0.001	
SR-85 CURIES % OF TOTAL	6.480E+01		1.569E-01	3.500E-02 0.001				2.920E-01	
SR-90 CURIES % OF TOTAL	1.059E+04							1.989E-03	

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SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ANL DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
TA-182	1.145E+02							
CURIES								8.000E-02
% OF TOTAL								
U-235	2.570E+11							
CURIES			7.016E-12					7.918E-04
% OF TOTAL								
GRAMS			3.248E-06					3.666E+02
U-238	1.631E+12							
CURIES			5.961E-13					3.802E-03
% OF TOTAL								
GRAMS			1.774E-06					1.132E+04
Y-90	2.667E+00							
CURIES								1.330E-04
% OF TOTAL								
ZR-95	6.403E+01							
CURIES			3.150E-01	7.000E-02				6.042E-01
% OF TOTAL				0.002				0.001
TOTALS								
ALPHA CURIES			2.057E-04	6.375E-06				5.097E-03
% OF TOTAL								
B+G CURIES			7.561E+04	3.771E+03				9.290E+04
% OF TOTAL			100.000	100.000				99.998
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU			1.453E-03	1.000E-04				6.193E-03
TOTAL GRAMS OF PU-239+241			7.532E-04	9.901E-05				5.478E-03
TOTAL GRAMS OF U			5.022E-06					1.168E+04
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)			6.000E-01	2.000E-01				5.574E+01
WEIGHT (KILOGRAMS)			2.105E+03	5.807E+02				2.420E+04
GRAND TOTALS (CURIES)			7.561E+04	3.771E+03				9.290E+04

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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ANL SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992
TSA STORED WASTES

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
AM-241	1.577E+05							
CURIES								5.200E-03
% OF TOTAL								80.745
GRAMS								1.512E-03
PU-239	8.800E+06							
CURIES								1.240E-03
% OF TOTAL								19.255
GRAMS								1.997E-02
U-235	2.570E+11							
CURIES								2.160E-08
% OF TOTAL								1.000E-02
GRAMS								
U-238	1.631E+12							
CURIES								3.360E-09
% OF TOTAL								1.000E-02
GRAMS								
TOTALS								
ALPHA CURIES								6.440E-03
% OF TOTAL								100.000
B+G CURIES								
% OF TOTAL								
TOTAL GRAMS OF AM								1.512E-03
TOTAL GRAMS OF PU								1.997E-02
TOTAL GRAMS OF PU-239+241								1.997E-02
TOTAL GRAMS OF U								2.000E-02
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								1.981E-01
WEIGHT (KILOGRAMS)								1.067E+02
GRAND TOTALS (CURIES)								6.440E-03

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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ANL SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992
ANL STORED WASTES

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CO-58	7.091E+01							
CURIES								1.190E+03
% OF TOTAL								2.994
CO-60	1.924E+03							
CURIES								3.706E+04
% OF TOTAL								93.254
CR-51	2.770E+01							
CURIES								8.800E+02
% OF TOTAL								2.214
FE-59	4.451E+01							
CURIES								8.800E+01
% OF TOTAL								0.221
MN-54	3.122E+02							
CURIES								5.230E+02
% OF TOTAL								1.316
PU-239	8.800E+06							
CURIES								1.484E-06
% OF TOTAL								
GRAMS								2.390E-05
PU-240	2.394E+06							
CURIES								2.270E-08
% OF TOTAL								
GRAMS								1.000E-07
TOTALS								
ALPHA CURIES								1.507E-06
% OF TOTAL								
B+G CURIES								3.974E+04
% OF TOTAL								100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								2.400E-05
TOTAL GRAMS OF PU-239+241								2.390E-05
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								9.905E-02
WEIGHT (KILOGRAMS)								4.293E+02
GRAND TOTALS (CURIES)								3.974E+04

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SCHED. NO. P61PM009-N

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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ANL SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
MAP								
CURIES								1.260E-02
% OF TOTAL								39.956
MFP								
CURIES								1.890E-02
% OF TOTAL								59.933
PU-239	8.800E+06							
CURIES								3.442E-05
% OF TOTAL								0.109
GRAMS								5.543E-04
PU-240	2.394E+06							
CURIES								6.290E-07
% OF TOTAL								0.002
GRAMS								2.771E-06
TOTALS								
ALPHA CURIES								3.505E-05
% OF TOTAL								0.111
B+G CURIES								3.150E-02
% OF TOTAL								99.889
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								5.571E-04
TOTAL GRAMS OF PU-239+241								5.543E-04
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								4.948E+01
WEIGHT (KILOGRAMS)								8.578E+03
GRAND TOTALS (CURIES)								3.154E-02

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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ANL-S

NUCLIDES	HALF LIFE (DAYS)	ANL SOLID WASTE SUMMARY WASTE SENT TO MERF FOR COMPACTION FROM JAN THROUGH DEC 1992						ANNUAL TOTAL
		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
MAP								
CURIES								5.000E-03
% OF TOTAL								39.888
MFP								
CURIES								7.500E-03
% OF TOTAL								59.832
PU-239	8.800E+06							
CURIES								3.442E-05
% OF TOTAL								0.275
GRAMS								5.543E-04
PU-240	2.394E+06							
CURIES								6.290E-07
% OF TOTAL								0.005
GRAMS								2.771E-06
TOTALS								
ALPHA CURIES								3.505E-05
% OF TOTAL								0.280
B+G CURIES								1.250E-02
% OF TOTAL								99.720
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								5.571E-04
TOTAL GRAMS OF PU-239+241								5.543E-04
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								3.113E+01
WEIGHT (KILOGRAMS)								5.248E+03
GRAND TOTALS (CURIES)								1.254E-02

ANL-19

**ANL Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 401
ANL-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		1.500E-09	1.421E-09	3.878E-08	5.974E-09	4.197E-10	1.238E-08	1.011E-08	3.639E-15	1.00E-08	
CURIES		3.302E-01	2.927E-01	8.312E+00	1.239E+00	8.986E-02	2.568E+00	1.283E+01			
% OF TOTAL		0.438	1.798	18.375	17.584	1.164	4.685	6.214			
BA-LA-140	1.276E+01										
CONCEN (UC/ML)			1.872E-15	2.551E-12	4.645E-15	2.015E-15	7.331E-14	4.443E-13	1.599E-19	3.00E-09	
CURIES			3.855E-07	5.469E-04	9.631E-07	4.316E-07	1.521E-05	5.639E-04			
% OF TOTAL				0.001							
BA-140	1.276E+01										
CONCEN (UC/ML)							3.084E-13	5.040E-14	1.814E-20	3.00E-09	
CURIES							6.397E-05	6.397E-05			
% OF TOTAL											
CS-140	1.260E+09										
CONCEN (UC/ML)							3.084E-08	5.040E-09	1.814E-15		
CURIES							6.397E+00	6.397E+00			
% OF TOTAL							11.668	3.098			
GROS-BET-GAM											
CONCEN (UC/ML)		1.827E-14	9.695E-15	6.511E-15	3.235E-15	8.369E-15	2.541E-15	8.196E-15	2.950E-21		
CURIES		4.021E-06	1.997E-06	1.396E-06	6.706E-07	1.792E-06	5.271E-07	1.040E-05			
% OF TOTAL											
GROSS-ALPHA											
CONCEN (UC/ML)		5.673E-16	5.094E-16	2.076E-16	2.446E-16	4.904E-16	4.616E-16	4.142E-16	1.491E-22		
CURIES		1.249E-07	1.049E-07	4.449E-08	5.071E-08	1.050E-07	9.576E-08	5.257E-07			
% OF TOTAL											
H-3	4.490E+03										
CONCEN (UC/ML)		4.938E-10	1.028E-12	1.014E-10	6.004E-12	3.000E-11	1.247E-10	1.293E-10	4.656E-17	1.00E-07	
CURIES		1.087E-01	2.117E-04	2.174E-02	1.245E-03	6.423E-03	2.587E-02	1.642E-01			
% OF TOTAL		0.144	0.001	0.048	0.018	0.083	0.047	0.079			
KR-85	3.913E+03										
CONCEN (UC/ML)		2.739E-08	3.746E-08	4.377E-08	2.760E-08	2.136E-08	1.344E-08	2.853E-08	1.027E-14	3.00E-06	
CURIES		6.029E+00	7.715E+00	9.382E+00	5.722E+00	4.573E+00	2.788E+00	3.621E+01			
% OF TOTAL		7.995	47.385	20.740	81.226	59.237	5.086	17.534			
KR-85M	1.867E-01										
CONCEN (UC/ML)		2.722E-09	7.078E-12	1.116E-09	1.416E-12	4.353E-10	1.919E-08	3.872E-09	1.394E-15	1.00E-07	
CURIES		5.991E-01	1.458E-03	2.393E-01	2.936E-04	9.322E-02	3.982E+00	4.915E+00			
% OF TOTAL		0.794	0.009	0.529	0.004	1.208	7.263	2.380			

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SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 2 RPT. 401
ANL-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
KR-87	5.278E-02										
CONCEN (UC/ML)		2.010E-09	4.357E-12	8.211E-10	2.903E-12	1.076E-09	2.005E-08	3.947E-09	1.421E-15	2.00E-08	
CURIES		4.424E-01	8.975E-04	1.760E-01	6.018E-04	2.303E-01	4.160E+00	5.010E+00			
% OF TOTAL		0.587	0.006	0.389	0.009	2.983	7.587	2.426			
KR-88	1.183E-01										
CONCEN (UC/ML)		2.679E-09	1.666E-11	1.993E-09	4.593E-11	1.351E-09	2.873E-08	5.734E-09	2.064E-15	9.00E-09	
CURIES		5.896E-01	3.432E-03	4.273E-01	9.523E-03	2.892E-01	5.959E+00	7.278E+00			
% OF TOTAL		0.782	0.021	0.945	0.135	3.746	10.870	3.524			
LA-140	1.678E+00										
CONCEN (UC/ML)							1.808E-17	2.954E-18	1.063E-24	3.00E-09	
CURIES							3.750E-09	3.750E-09			
% OF TOTAL											
RB-88	1.229E-02										
CONCEN (UC/ML)							9.039E-13	1.477E-13	5.317E-20	3.00E-08	
CURIES							1.875E-04	1.875E-04			
% OF TOTAL											
XE-133	5.250E+00										
CONCEN (UC/ML)		2.631E-07	4.013E-08	1.162E-07	3.295E-10	9.074E-09	4.076E-09	7.402E-08	2.664E-14	5.00E-07	
CURIES		5.791E+01	8.265E+00	2.492E+01	6.833E-02	1.943E+00	8.455E-01	9.395E+01			
% OF TOTAL		76.796	50.765	55.081	0.970	25.169	1.542	45.492			
XE-135	3.792E-01										
CONCEN (UC/ML)		4.080E-08	5.327E-12	7.740E-09	1.349E-11	5.198E-10	5.215E-08	1.699E-08	6.118E-15	8.00E-08	
CURIES		8.978E+00	1.097E-03	1.659E+00	2.797E-03	1.113E-01	1.082E+01	2.157E+01			
% OF TOTAL		11.906	0.007	3.668	0.040	1.442	19.733	10.445			
XE-135M	1.062E-02										
CONCEN (UC/ML)		6.534E-10	2.354E-12	1.123E-10	1.879E-12	6.141E-10	2.235E-09	6.019E-10	2.167E-16	5.00E-08	
CURIES		1.438E-01	4.848E-04	2.408E-02	3.895E-04	1.315E-01	4.637E-01	7.640E-01			
% OF TOTAL		0.191	0.003	0.053	0.006	1.703	0.846	0.370			
XE-138	9.792E-03										
CONCEN (UC/ML)		1.257E-09	4.314E-12	3.596E-10	3.179E-12	1.177E-09	8.759E-09	1.910E-09	6.875E-16	2.00E-08	
CURIES		2.766E-01	8.886E-04	7.709E-02	6.592E-04	2.521E-01	1.817E+00	2.424E+00			
% OF TOTAL		0.367	0.005	0.170	0.009	3.266	3.314	1.174			
XE-140	1.570E-04										
CONCEN (UC/ML)							7.231E-08	1.182E-08	4.254E-15		
CURIES							1.500E+01	1.500E+01			
% OF TOTAL							27.360	7.263			

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SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 3 RPT. 401
ANL-A
YEARLY
RELEASE
CG**
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
TOTALS											
ALPHA CURIES		1.249E-07	1.049E-07	4.449E-08	5.071E-08	1.050E-07	9.576E-08	5.257E-07			
% OF TOTAL											
B+G CURIES		7.541E+01	1.628E+01	4.524E+01	7.045E+00	7.720E+00	5.483E+01	2.065E+02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		2.201E+08	2.060E+08	2.144E+08	2.073E+08	2.141E+08	2.074E+08	1.269E+09			
GRAND TOTALS (CURIES)		7.541E+01	1.628E+01	4.524E+01	7.045E+00	7.720E+00	5.483E+01	2.065E+02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 402
ANL-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG #	% OF CG
H-3	4.490E+03									
CONCEN (UC/ML)		3.514E-05	3.514E-05	3.514E-05	3.514E-05	3.514E-05	3.514E-05	3.514E-05	2.00E-03	1.76
CURIES		9.632E-03	5.296E-05	1.367E-03	2.501E-05	1.428E-03	1.873E-03	1.438E-02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		9.632E-03	5.296E-05	1.367E-03	2.501E-05	1.428E-03	1.873E-03	1.438E-02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)		2.741E+05	1.507E+03	3.891E+04	7.116E+02	4.065E+04	5.330E+04	4.092E+05		
GRAND TOTALS (CURIES)		9.632E-03	5.296E-05	1.367E-03	2.501E-05	1.428E-03	1.873E-03	1.438E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February8, 1990, Figures III-1 and III-3

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT 403
ANL-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
BA-140	1.276E+01							
CURIES		3.572E-05	1.976E-04					2.333E-04
% OF TOTAL		0.001	0.012					
CE-141	3.250E+01							
CURIES			9.682E-04					9.682E-04
% OF TOTAL			0.057					
CE-144	2.844E+02							
CURIES		3.016E-01	7.494E-02				2.000E+00	2.377E+00
% OF TOTAL		6.328	4.437				0.015	0.018
CO-57	2.718E+02							
CURIES		2.569E-02	1.844E-04					2.588E-02
% OF TOTAL		0.539	0.011					
CO-58	7.091E+01							
CURIES		1.052E-01	2.536E-02				1.123E+03	1.123E+03
% OF TOTAL		2.208	1.501				8.310	8.307
CO-60	1.924E+03							
CURIES		1.607E+00	1.716E-01				1.085E+04	1.085E+04
% OF TOTAL		33.709	10.159				80.300	80.275
CR-51	2.770E+01							
CURIES							2.780E+02	2.780E+02
% OF TOTAL							2.058	2.057
CS-134	7.537E+02							
CURIES		1.197E-01	3.293E-02				4.000E-11	1.526E-01
% OF TOTAL		2.511	1.950					0.001
CS-137	1.101E+04							
CURIES		2.439E+00	1.118E+00				6.200E+00	9.757E+00
% OF TOTAL		51.174	66.194				0.046	0.072
EU-152	4.891E+03							
CURIES			1.114E-02					1.114E-02
% OF TOTAL			0.660					
EU-154	3.103E+03							
CURIES		4.104E-03	5.274E-02				2.000E-01	2.568E-01
% OF TOTAL		0.086	3.122				0.001	0.002
EU-155	1.727E+03							
CURIES		5.802E-02	8.598E-02				2.000E-10	1.440E-01
% OF TOTAL		1.217	5.091					0.001

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 ANL DISPOSED SOLID WASTE SUMMARY
 FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
FE-59	4.451E+01							
CURIES							5.488E+01	5.488E+01
% OF TOTAL							0.406	0.406
H-3	4.490E+03							
CURIES		1.757E-08	1.627E-04					1.627E-04
% OF TOTAL			0.010					
LA-140	1.678E+00							
CURIES		1.250E-05	6.916E-05					8.166E-05
% OF TOTAL			0.004					
MN-54	3.122E+02							
CURIES		5.924E-02	5.448E-02				1.196E+03	1.196E+03
% OF TOTAL		1.243	3.226				8.856	8.853
NB-95	3.498E+01							
CURIES		6.992E-03	3.351E-02				3.000E-01	3.405E-01
% OF TOTAL		0.147	1.984				0.002	0.003
PU-239	8.800E+06							
CURIES		1.290E-04	1.548E-04				3.465E-06	2.872E-04
% OF TOTAL		0.003	0.009					
GRAMS		2.077E-03	2.493E-03				5.580E-05	4.626E-03
PU-240	2.394E+06							
CURIES		2.357E-06	7.534E-07				6.356E-08	3.174E-06
% OF TOTAL								
GRAMS		1.038E-05	3.319E-06				2.800E-07	1.398E-05
RU-103	3.924E+01							
CURIES		1.088E-02	3.952E-05					1.092E-02
% OF TOTAL		0.228	0.002					
RU-106	3.726E+02							
CURIES		1.947E-04	6.070E-03					6.264E-03
% OF TOTAL		0.004	0.359					
SB-125	1.007E+03							
CURIES		2.036E-02	2.807E-03				4.000E-01	4.232E-01
% OF TOTAL		0.427	0.166				0.003	0.003
SR-85	6.480E+01							
CURIES			9.714E-05				1.000E-01	1.001E-01
% OF TOTAL			0.006				0.001	0.001
SR-90	1.059E+04							
CURIES		1.809E-03	1.794E-04					1.989E-03
% OF TOTAL		0.038	0.011					

SCHED. NO. P61PM009-6

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 3 RPT 403
ANL-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
TA-182	1.145E+02							
CURIES							8.000E-02	8.000E-02
% OF TOTAL							0.001	0.001
U-235	2.570E+11							
CURIES		2.602E-04	5.316E-04				9.748E-11	7.918E-04
% OF TOTAL		0.005	0.031					
GRAMS		1.204E+02	2.461E+02				4.513E-05	3.666E+02
U-238	1.631E+12							
CURIES		3.365E-03	4.369E-04				8.424E-12	3.802E-03
% OF TOTAL		0.071	0.026					
GRAMS		1.002E+04	1.300E+03				2.507E-05	1.132E+04
Y-90	2.667E+00							
CURIES			1.330E-04					1.330E-04
% OF TOTAL			0.008					
ZR-95	6.403E+01							
CURIES		2.947E-03	1.630E-02				2.000E-01	2.192E-01
% OF TOTAL		0.062	0.965				0.001	0.002
TOTALS								
ALPHA CURIES		3.757E-03	1.124E-03				3.529E-06	4.885E-03
% OF TOTAL		0.079	0.067					
B+G CURIES		4.763E+00	1.688E+00				1.351E+04	1.351E+04
% OF TOTAL		99.921	99.934				100.000	100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU		2.087E-03	2.496E-03				5.608E-05	4.640E-03
TOTAL GRAMS OF PU-239+241		2.077E-03	2.493E-03				5.580E-05	4.626E-03
TOTAL GRAMS OF U		1.014E+04	1.547E+03				7.020E-05	1.168E+04
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		2.377E+00	5.226E+01				3.000E-01	5.494E+01
WEIGHT (KILOGRAMS)		7.137E+02	1.991E+04				8.928E+02	2.152E+04
GRAND TOTALS (CURIES)		4.767E+00	1.689E+00				1.351E+04	1.351E+04

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SCHED. NO. P61PM009-I

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992
TSA STORED WASTES

PAGE 1 RPT. 405
ANL-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
AM-241	1.577E+05							
CURIES		5.200E-03						5.200E-03
% OF TOTAL		80.745						80.745
GRAMS		1.512E-03						1.512E-03
PU-239	8.800E+06							
CURIES		1.240E-03						1.240E-03
% OF TOTAL		19.255						19.255
GRAMS		1.997E-02						1.997E-02
U-235	2.570E+11							
CURIES		2.160E-08						2.160E-08
% OF TOTAL		1.000E-02						1.000E-02
GRAMS		1.000E-02						1.000E-02
U-238	1.631E+12							
CURIES		3.360E-09						3.360E-09
% OF TOTAL		1.000E-02						1.000E-02
GRAMS		1.000E-02						1.000E-02
TOTALS								
ALPHA CURIES		6.440E-03						6.440E-03
% OF TOTAL		100.000						100.000
B+G CURIES								
% OF TOTAL								
TOTAL GRAMS OF AM		1.512E-03						1.512E-03
TOTAL GRAMS OF PU		1.997E-02						1.997E-02
TOTAL GRAMS OF PU-239+241		1.997E-02						1.997E-02
TOTAL GRAMS OF U		2.000E-02						2.000E-02
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		1.981E-01						1.981E-01
WEIGHT (KILOGRAMS)		1.067E+02						1.067E+02
GRAND TOTALS (CURIES)		6.440E-03						6.440E-03

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992
ANL STORED WASTES

PAGE 1 RPT. 404
ANL-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
CO-58	7.091E+01							
CURIES						1.190E+03		1.190E+03
% OF TOTAL						2.994		2.994
CO-60	1.924E+03							
CURIES						3.706E+04		3.706E+04
% OF TOTAL						93.254		93.254
CR-51	2.770E+01							
CURIES						8.800E+02		8.800E+02
% OF TOTAL						2.214		2.214
FE-59	4.451E+01							
CURIES						8.800E+01		8.800E+01
% OF TOTAL						0.221		0.221
MN-54	3.122E+02							
CURIES						5.230E+02		5.230E+02
% OF TOTAL						1.316		1.316
PU-239	8.800E+06							
CURIES						1.484E-06		1.484E-06
% OF TOTAL								
GRAMS						2.390E-05		2.390E-05
PU-240	2.394E+06							
CURIES						2.270E-08		2.270E-08
% OF TOTAL								
GRAMS						1.000E-07		1.000E-07
TOTALS								
ALPHA CURIES						1.507E-06		1.507E-06
% OF TOTAL								
B+G CURIES						3.974E+04		3.974E+04
% OF TOTAL						100.000		100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU						2.400E-05		2.400E-05
TOTAL GRAMS OF PU-239+241						2.390E-05		2.390E-05
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)						9.905E-02		9.905E-02
WEIGHT (KILOGRAMS)						4.293E+02		4.293E+02
GRAND TOTALS (CURIES)						3.974E+04		3.974E+04

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SCHED. NO. P61PM009-N

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

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ANL-S

ANL SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH JUN 1992

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
MAP								
CURIES		1.260E-02						1.260E-02
% OF TOTAL		39.956						39.956
MFP								
CURIES		1.890E-02						1.890E-02
% OF TOTAL		59.933						59.933
PU-239	8.800E+06							
CURIES		3.442E-05						3.442E-05
% OF TOTAL		0.109						0.109
GRAMS		5.543E-04						5.543E-04
PU-240	2.394E+06							
CURIES		6.290E-07						6.290E-07
% OF TOTAL		0.002						0.002
GRAMS		2.771E-06						2.771E-06
TOTALS								
ALPHA CURIES		3.505E-05						3.505E-05
% OF TOTAL		0.111						0.111
B+G CURIES		3.150E-02						3.150E-02
% OF TOTAL		99.889						99.889
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU		5.571E-04						5.571E-04
TOTAL GRAMS OF PU-239+241		5.543E-04						5.543E-04
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		4.948E+01						4.948E+01
WEIGHT (KILOGRAMS)		8.578E+03						8.578E+03
GRAND TOTALS (CURIES)		3.154E-02						3.154E-02

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SCHED. NO. P61PM009-0

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ANL SOLID WASTE SUMMARY
WASTE SENT TO MERF FOR COMPACTION
FROM JAN THROUGH JUN 1992

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ANL-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
MAP								
CURIES		5.000E-03						5.000E-03
% OF TOTAL		39.888						39.888
MFP								
CURIES		7.500E-03						7.500E-03
% OF TOTAL		59.832						59.832
PU-239	8.800E+06							
CURIES		3.442E-05						3.442E-05
% OF TOTAL		0.275						0.275
GRAMS		5.543E-04						5.543E-04
PU-240	2.394E+06							
CURIES		6.290E-07						6.290E-07
% OF TOTAL		0.005						0.005
GRAMS		2.771E-06						2.771E-06
TOTALS								
ALPHA CURIES		3.505E-05						3.505E-05
% OF TOTAL		0.280						0.280
B+G CURIES		1.250E-02						1.250E-02
% OF TOTAL		99.720						99.720
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU		5.571E-04						5.571E-04
TOTAL GRAMS OF PU-239+241		5.543E-04						5.543E-04
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		3.113E+01						3.113E+01
WEIGHT (KILOGRAMS)		5.248E+03						5.248E+03
GRAND TOTALS (CURIES)		1.254E-02						1.254E-02

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**ANL Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

EBR-II AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		4.424E-09	8.072E-09	2.820E-09	5.999E-09	2.825E-09	8.072E-09	3.346E-09	1.205E-15	1.00E-08	
CURIES		3.914E-02	7.142E-02	2.415E-02	5.308E-02	2.419E-02	7.142E-02	3.496E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.100	0.125	0.049	0.194	0.102	0.129	0.090			
H-3	4.490E+03										
CONCEN (UC/ML)		9.205E-09	1.880E-08	7.096E-09	1.296E-08	6.537E-09	1.649E-08	7.535E-09	2.712E-15	1.00E-07	
CURIES		8.145E-02	1.663E-01	6.076E-02	1.147E-01	5.598E-02	1.459E-01	7.871E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.208	0.291	0.124	0.420	0.237	0.263	0.203			
KR-85M	1.867E-01										
CONCEN (UC/ML)		2.455E-07	4.320E-07	2.224E-07	2.026E-07	1.672E-07	4.646E-07	1.928E-07	6.940E-14	1.00E-07	
CURIES		2.172E+00	3.822E+00	1.904E+00	1.793E+00	1.432E+00	4.111E+00	2.014E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		5.553	6.697	3.900	6.563	6.059	7.416	5.201			
KR-87	5.278E-02										
CONCEN (UC/ML)		1.672E-07	2.969E-07	1.914E-07	1.530E-07	1.225E-07	3.048E-07	1.513E-07	5.446E-14	2.00E-08	
CURIES		1.479E+00	2.627E+00	1.639E+00	1.354E+00	1.049E+00	2.697E+00	1.580E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.781	4.603	3.357	4.956	4.438	4.865	4.081			
KR-88	1.183E-01										
CONCEN (UC/ML)		2.907E-07	5.196E-07	2.800E-07	2.547E-07	2.039E-07	3.662E-07	2.289E-07	8.239E-14	9.00E-09	
CURIES		2.572E+00	4.597E+00	2.398E+00	2.254E+00	1.746E+00	3.240E+00	2.391E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		6.575	8.055	4.911	8.251	7.388	5.845	6.174			
XE-133	5.250E+00										
CONCEN (UC/ML)		1.825E-06	1.963E-06	4.295E-06	1.087E-06	1.095E-06	1.572E-06	1.887E-06	6.793E-13	5.00E-07	
CURIES		1.615E+01	1.737E+01	3.678E+01	9.616E+00	9.376E+00	1.391E+01	1.971E+02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		41.288	30.436	75.331	35.199	39.671	25.093	50.906			
XE-135	3.792E-01										
CONCEN (UC/ML)		1.782E-06	3.056E-06	6.405E-07	1.284E-06	1.092E-06	3.280E-06	1.144E-06	4.119E-13	8.00E-08	
CURIES		1.577E+01	2.704E+01	5.485E+00	1.136E+01	9.348E+00	2.902E+01	1.195E+02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		40.316	47.379	11.234	41.583	39.552	52.350	30.872			

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

EBR-II AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
XE-135M	1.062E-02										
CONCEN (UC/ML)		2.207E-08	3.816E-08	8.423E-09	2.071E-08	1.549E-08	1.358E-07	2.763E-08	9.947E-15	5.00E-08	
CURIES		1.953E-01	3.376E-01	7.213E-02	1.832E-01	1.326E-01	1.202E+00	2.887E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.499	0.592	0.148	0.671	0.561	2.168	0.745			
XE-138	9.792E-03										
CONCEN (UC/ML)		7.425E-08	1.175E-07	5.393E-08	6.678E-08	5.497E-08	1.172E-07	6.396E-08	2.302E-14	2.00E-08	
CURIES		6.570E-01	1.040E+00	4.618E-01	5.909E-01	4.707E-01	1.037E+00	6.682E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		1.680	1.822	0.946	2.163	1.992	1.871	1.725			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		3.912E+01	5.707E+01	4.882E+01	2.732E+01	2.363E+01	5.543E+01	3.872E+02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999			
VOLUME (CU. METERS)		8.848E+06	8.848E+06	8.563E+06	8.848E+06	8.563E+06	8.848E+06	1.045E+08			
GRAND TOTALS (CURIES)		3.912E+01	5.707E+01	4.882E+01	2.732E+01	2.363E+01	5.543E+01	3.872E+02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

EBR-II LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
H-3	4.490E+03									
CONCEN (UC/ML)		3.514E-05	6.946E-05	6.946E-05	4.324E-05	4.324E-05	2.973E-05	4.251E-05	2.00E-03	2.13
CURIES		4.603E-03	1.283E-02	5.469E-03	7.299E-03	4.256E-03	7.721E-03	5.656E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		4.603E-03	1.283E-02	5.469E-03	7.299E-03	4.256E-03	7.721E-03	5.656E-02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)		1.310E+05	1.847E+05	7.873E+04	1.688E+05	9.842E+04	2.597E+05	1.331E+06		

GRAND TOTALS (CURIES)		4.603E-03	1.283E-02	5.469E-03	7.299E-03	4.256E-03	7.721E-03	5.656E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

FASB AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROS-BET-GAM											
CONCEN (UC/ML)			3.070E-15	4.200E-15				2.479E-15	3.128E-22		
CURIES			3.899E-08	5.162E-08				3.666E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			100.000	100.000				95.330			
GROSS-ALPHA											
CONCEN (UC/ML)								1.214E-16	1.532E-23		
CURIES								1.796E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								4.670			
TOTALS											
ALPHA CURIES								1.796E-08			
% OF TOTAL								4.670			
B+G CURIES			3.899E-08	5.162E-08				3.666E-07			
% OF TOTAL			100.000	100.000				95.330			
VOLUME (CU. METERS)		1.270E+07	1.270E+07	1.229E+07	1.270E+07	1.229E+07	1.270E+07	1.479E+08			
GRAND TOTALS (CURIES)			3.899E-08	5.162E-08				3.846E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

FMF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROS-BET-GAM											
CONCEN (UC/ML)			1.700E-15	1.780E-15	5.900E-15	3.700E-15	3.900E-16	1.812E-15	1.500E-22		
CURIES			2.020E-08	2.047E-08	7.009E-08	4.255E-08	4.633E-09	2.560E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			95.366	100.000	100.000	100.000	100.000	85.124			
GROSS-ALPHA											
CONCEN (UC/ML)		4.370E-16	8.260E-17					3.167E-16	2.621E-23		
CURIES		5.192E-09	9.813E-10					4.473E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		100.000	4.634					14.876			
TOTALS											
ALPHA CURIES		5.192E-09	9.813E-10					4.473E-08			
% OF TOTAL		100.000	4.634					14.876			
B+G CURIES			2.020E-08	2.047E-08	7.009E-08	4.255E-08	4.633E-09	2.560E-07			
% OF TOTAL			95.366	100.000	100.000	100.000	100.000	85.124			
VOLUME (CU. METERS)		1.188E+07	1.188E+07	1.150E+07	1.188E+07	1.150E+07	1.188E+07	1.413E+08			
GRAND TOTALS (CURIES)		5.192E-09	2.118E-08	2.047E-08	7.009E-08	4.255E-08	4.633E-09	3.007E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

HFEF-N AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		3.799E-09	6.222E-09	1.562E-08	7.704E-09	9.312E-09	3.027E-09	6.402E-09	1.667E-15	1.00E-08	
CURIES		2.209E-01	3.618E-01	8.791E-01	4.480E-01	5.240E-01	1.760E-01	4.395E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		10.587	32.796	71.130	12.328	4.670	2.243	6.749			
GROSS-BET-GAM											
CONCEN (UC/ML)		9.010E-16	1.100E-15	3.500E-15			9.460E-16	9.873E-16	2.571E-22		
CURIES		5.239E-08	6.396E-08	1.969E-07			5.501E-08	6.778E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
GROSS-ALPHA											
CONCEN (UC/ML)		6.160E-16			1.511E-17		9.110E-16	1.797E-16	4.680E-23		
CURIES		3.582E-08			8.786E-10		5.297E-08	1.234E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
H-3	4.490E+03										
CONCEN (UC/ML)		2.710E-09						2.312E-10	6.020E-17	1.00E-07	
CURIES		1.576E-01						1.587E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		7.553						0.244			
KR-85	3.913E+03										
CONCEN (UC/ML)		2.937E-08	1.275E-08	6.341E-09	5.479E-08	1.901E-07	1.319E-07	8.822E-08	2.297E-14	3.00E-06	
CURIES		1.708E+00	7.414E-01	3.568E-01	3.186E+00	1.070E+01	7.670E+00	6.057E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		81.860	67.204	28.870	87.672	95.330	97.757	93.007			

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

HFEF-N AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		3.582E-08			8.786E-10		5.297E-08	1.234E-07			
% OF TOTAL											
B+G CURIES		2.086E+00	1.103E+00	1.236E+00	3.634E+00	1.122E+01	7.846E+00	6.512E+01			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		5.815E+07	5.815E+07	5.627E+07	5.815E+07	5.627E+07	5.815E+07	6.865E+08			
GRAND TOTALS (CURIES)		2.086E+00	1.103E+00	1.236E+00	3.634E+00	1.122E+01	7.846E+00	6.512E+01			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

FUEL CYCLE FAC AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
----------	---------------------	------	--------	-----------	---------	----------	----------	-------------------------------------	--------------------	------	------------------------------

TOTALS
ALPHA CURIES
% OF TOTAL
B+G CURIES
% OF TOTAL

VOLUME (CU. METERS)	5.309E+07	5.309E+07	5.138E+07	5.309E+07	5.138E+07	5.309E+07	6.219E+08
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GRAND TOTALS (CURIES)

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

L&O MAIN STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM											
CONCEN (UC/ML)		1.290E-15	4.880E-14	1.380E-13	2.900E-14	1.160E-14	5.620E-15	4.360E-14	1.386E-20		
CURIES		3.784E-08	1.431E-06	3.916E-06	8.506E-07	3.292E-07	1.648E-07	1.529E-05			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		95.840	92.635	97.361	95.082	95.316	79.155	96.103			
GROSS-ALPHA											
CONCEN (UC/ML)		5.600E-17	3.880E-15	3.740E-15	1.500E-15	5.700E-16	1.480E-15	1.768E-15	5.619E-22		
CURIES		1.642E-09	1.138E-07	1.061E-07	4.400E-08	1.618E-08	4.341E-08	6.198E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.160	7.365	2.639	4.918	4.684	20.845	3.897			
TOTALS											
ALPHA CURIES		1.642E-09	1.138E-07	1.061E-07	4.400E-08	1.618E-08	4.341E-08	6.198E-07			
% OF TOTAL		4.160	7.365	2.639	4.918	4.684	20.845	3.897			
B+G CURIES		3.784E-08	1.431E-06	3.916E-06	8.506E-07	3.292E-07	1.648E-07	1.529E-05			
% OF TOTAL		95.840	92.635	97.361	95.082	95.316	79.155	96.103			
VOLUME (CU. METERS)		2.933E+07	2.933E+07	2.838E+07	2.933E+07	2.838E+07	2.933E+07	3.507E+08			
GRAND TOTALS (CURIES)		3.948E-08	1.545E-06	4.023E-06	8.946E-07	3.454E-07	2.082E-07	1.591E-05			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

NDA LABORATORY AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM											
CONCEN (UC/ML)				2.480E-14	2.200E-15	2.400E-16		4.253E-15	1.352E-21		
CURIES				4.241E-07	3.887E-08	4.104E-09		9.030E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL				84.873	100.000	100.000		83.708			
GROSS-ALPHA											
CONCEN (UC/ML)				4.420E-15				8.277E-16	2.631E-22		
CURIES				7.558E-08				1.758E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL				15.127				16.292			
TOTALS											
ALPHA CURIES				7.558E-08				1.758E-07			
% OF TOTAL				15.127				16.292			
B+G CURIES				4.241E-07	3.887E-08	4.104E-09		9.030E-07			
% OF TOTAL				84.873	100.000	100.000		83.708			
VOLUME (CU. METERS)		1.767E+07	1.767E+07	1.710E+07	1.767E+07	1.710E+07	1.767E+07	2.123E+08			

GRAND TOTALS (CURIES)				4.997E-07	3.887E-08	4.104E-09		1.079E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

RLMTF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM											
CONCEN (UC/ML)		2.140E-16	2.200E-15		1.900E-15	1.870E-15	1.300E-15	9.854E-16	3.518E-23		
CURIES		7.710E-10	7.927E-09		6.846E-09	6.519E-09	4.684E-09	4.372E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		100.000	100.000		43.182	0.001					
GROSS-ALPHA											
CONCEN (UC/ML)					2.500E-15		8.450E-17	3.019E-16	1.078E-23		
CURIES					9.008E-09		3.045E-10	1.340E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL					56.818						
H-3	4.490E+03										
CONCEN (UC/ML)				1.043E-09		2.651E-10	7.091E-08	5.885E-09	2.101E-16	1.00E-07	
CURIES				3.636E-03		9.241E-04	2.555E-01	2.611E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL				100.000		99.999	100.000	100.000			
TOTALS											
ALPHA CURIES					9.008E-09		3.045E-10	1.340E-08			
% OF TOTAL					56.818						
B+G CURIES		7.710E-10	7.927E-09	3.636E-03	6.846E-09	9.241E-04	2.555E-01	2.611E-01			
% OF TOTAL		100.000	100.000	100.000	43.182	100.000	100.000	100.000			
VOLUME (CU. METERS)		3.603E+06	3.603E+06	3.486E+06	3.603E+06	3.486E+06	3.603E+06	4.437E+07			
GRAND TOTALS (CURIES)		7.710E-10	7.927E-09	3.636E-03	1.585E-08	9.241E-04	2.555E-01	2.611E-01			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

SCMS AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM											
CONCEN (UC/ML)		4.200E-15	7.650E-15	1.250E-14	8.400E-15	6.700E-15	7.800E-15	8.140E-15	7.268E-22		
CURIES		5.309E-08	9.670E-08	1.529E-07	1.062E-07	8.194E-08	9.859E-08	1.274E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		95.890	96.226	92.792	96.718	97.101	100.000	97.115			
GROSS-ALPHA											
CONCEN (UC/ML)		1.800E-16	3.000E-16	9.710E-16	2.850E-16	2.000E-16		2.418E-16	2.159E-23		
CURIES		2.275E-09	3.792E-09	1.188E-08	3.602E-09	2.446E-09		3.786E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.110	3.774	7.208	3.282	2.899		2.885			
TOTALS											
ALPHA CURIES		2.275E-09	3.792E-09	1.188E-08	3.602E-09	2.446E-09		3.786E-08			
% OF TOTAL		4.110	3.774	7.208	3.282	2.899		2.885			
B+G CURIES		5.309E-08	9.670E-08	1.529E-07	1.062E-07	8.194E-08	9.859E-08	1.274E-06			
% OF TOTAL		95.890	96.226	92.792	96.718	97.101	100.000	97.115			
VOLUME (CU. METERS)		1.264E+07	1.264E+07	1.223E+07	1.264E+07	1.223E+07	1.264E+07	1.566E+08			

GRAND TOTALS (CURIES)		5.536E-08	1.005E-07	1.648E-07	1.098E-07	8.439E-08	9.859E-08	1.312E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 TREAT AIRBORNE WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

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 ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		8.677E-06	1.564E-05	4.815E-06	1.802E-05	1.357E-05		1.032E-05	3.467E-13	1.00E-08	
CURIES		5.935E+00	6.163E+00	2.540E+00	1.071E+01	8.279E+00		4.461E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		13.246	13.246	13.261	13.242	13.247		15.568			
BA-LA-140	1.276E+01										
CONCEN (UC/ML)		1.180E-10	8.360E-10	1.000E-10				2.375E-10	7.981E-18	3.00E-09	
CURIES		8.071E-05	3.294E-04	5.275E-05				1.027E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			0.001								
BA-140	1.276E+01										
CONCEN (UC/ML)		4.946E-10	8.916E-10	2.749E-10	1.028E-09	7.735E-10		4.583E-10	1.540E-17	3.00E-09	
CURIES		3.383E-04	3.513E-04	1.450E-04	6.107E-04	4.719E-04		1.981E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.001	0.001	0.001	0.001	0.001		0.001			
CS-140	1.260E+09										
CONCEN (UC/ML)		2.776E-05	5.005E-05	1.539E-05	5.768E-05	4.342E-05		2.637E-05	8.861E-13		
CURIES		1.899E+01	1.972E+01	8.120E+00	3.428E+01	2.649E+01		1.140E+02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		42.382	42.385	42.392	42.386	42.387		39.784			
GROS-BET-GAM											
CONCEN (UC/ML)					6.540E-10	2.770E-10		1.290E-10	4.335E-18		
CURIES					3.887E-04	1.690E-04		5.577E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
GROSS-ALPHA											
CONCEN (UC/ML)				5.770E-15				4.453E-15	1.496E-22		
CURIES				3.044E-09				1.925E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
KR-85M	1.867E-01										
CONCEN (UC/ML)		3.509E-08	6.256E-08	1.915E-08	7.212E-08	5.429E-08		3.321E-08	1.116E-15	1.00E-07	
CURIES		2.400E-02	2.465E-02	1.010E-02	4.286E-02	3.312E-02		1.436E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.054	0.053	0.053	0.053	0.053		0.050			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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TREAT AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
KR-87	5.278E-02										
CONCEN (UC/ML)		1.988E-07	3.581E-07	1.101E-07	4.129E-07	3.108E-07		1.898E-07	6.379E-15	2.00E-08	
CURIES		1.360E-01	1.411E-01	5.810E-02	2.454E-01	1.896E-01		8.207E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.304	0.303	0.303	0.303	0.303		0.286			
KR-88	1.183E-01										
CONCEN (UC/ML)		1.389E-07	2.503E-07	7.697E-08	2.884E-07	2.172E-07		1.651E-07	5.548E-15	9.00E-09	
CURIES		9.500E-02	9.861E-02	4.060E-02	1.714E-01	1.325E-01		7.138E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.212	0.212	0.212	0.212	0.212		0.249			
LA-140	1.678E+00										
CONCEN (UC/ML)		4.946E-14	8.916E-14	2.749E-14	1.028E-13	7.735E-14		4.522E-14	1.519E-21	3.00E-09	
CURIES		3.383E-08	3.513E-08	1.450E-08	6.107E-08	4.719E-08		1.955E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
ANL-50 RB-88	1.229E-02										
CONCEN (UC/ML)		1.241E-09	2.237E-09	6.882E-10	2.578E-09	1.941E-09		1.156E-09	3.884E-17	3.00E-08	
CURIES		8.487E-04	8.813E-04	3.630E-04	1.532E-03	1.184E-03		4.997E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.002	0.002	0.002	0.002	0.002		0.002			
XE-133	5.250E+00										
CONCEN (UC/ML)		1.754E-08	3.129E-08	9.611E-09	3.606E-08	2.714E-08		2.067E-08	6.945E-16	5.00E-07	
CURIES		1.200E-02	1.233E-02	5.070E-03	2.143E-02	1.656E-02		8.935E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.027	0.027	0.026	0.026	0.026		0.031			
XE-135	3.792E-01										
CONCEN (UC/ML)		3.509E-08	6.256E-08	1.915E-08	7.212E-08	5.429E-08		4.133E-08	1.389E-15	8.00E-08	
CURIES		2.400E-02	2.465E-02	1.010E-02	4.286E-02	3.312E-02		1.787E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.054	0.053	0.053	0.053	0.053		0.062			
XE-140	1.570E-04										
CONCEN (UC/ML)		2.864E-05	5.162E-05	1.587E-05	5.950E-05	4.478E-05		2.914E-05	9.792E-13		
CURIES		1.959E+01	2.034E+01	8.370E+00	3.536E+01	2.732E+01		1.260E+02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		43.721	43.718	43.697	43.721	43.715		43.966			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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TREAT AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES				3.044E-09				1.925E-08			
% OF TOTAL											
B+G CURIES		4.481E+01	4.653E+01	1.915E+01	8.088E+01	6.250E+01		2.865E+02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000		100.000			
VOLUME (CU. METERS)		6.840E+05	3.940E+05	5.275E+05	5.943E+05	6.101E+05	2.487E+05	4.323E+06			
GRAND TOTALS (CURIES)		4.481E+01	4.653E+01	1.915E+01	8.088E+01	6.250E+01		2.865E+02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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ZPPR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROS-BET-GAM											
CONCEN (UC/ML)		1.690E-15	5.890E-16	1.340E-15	2.470E-15	1.060E-15	3.860E-16	9.735E-16	3.358E-23		
CURIES		1.025E-08	3.574E-09	7.868E-09	1.499E-08	6.224E-09	2.342E-09	7.022E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		96.571	100.000	97.817	95.367	100.000	69.424	0.004			
GROSS-ALPHA											
CONCEN (UC/ML)		6.000E-17		2.990E-17	1.200E-16		1.700E-16	1.221E-16	4.211E-24		
CURIES		3.641E-10		1.756E-10	7.282E-10		1.032E-09	8.806E-09			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.429		2.183	4.633		30.576				
KR-85 3.913E+03											
CONCEN (UC/ML)								2.773E-12	9.565E-20	3.00E-06	
CURIES								2.000E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								10.895			
ANL-52 XE-133 5.250E+00											
CONCEN (UC/ML)								3.277E-12	1.131E-19	5.00E-07	
CURIES								2.364E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								12.877			
XE-135 3.792E-01											
CONCEN (UC/ML)								1.940E-11	6.692E-19	8.00E-08	
CURIES								1.399E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								76.224			

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ZPPR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		3.641E-10		1.756E-10	7.282E-10		1.032E-09	8.806E-09		
% OF TOTAL		3.429		2.183	4.633		30.576			
B+G CURIES		1.025E-08	3.574E-09	7.868E-09	1.499E-08	6.224E-09	2.342E-09	1.836E-03		
% OF TOTAL		96.571	100.000	97.817	95.367	100.000	69.424	99.999		
VOLUME (CU. METERS)		6.068E+06	6.068E+06	5.872E+06	6.068E+06	5.872E+06	6.068E+06	7.213E+07		

GRAND TOTALS (CURIES)		1.062E-08	3.574E-09	8.044E-09	1.572E-08	6.224E-09	3.374E-09	1.836E-03		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

ANL-53

**ANL Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 EBR-II AIRBORNE WASTE SUMMARY
 FOR JAN THROUGH JUN 1992

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 ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		5.049E-09		1.142E-09			1.332E-09	1.274E-09	4.586E-16	1.00E-08	
CURIES		4.467E-02		1.010E-02			1.141E-02	6.618E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.065		0.037			0.041	0.049			
H-3	4.490E+03										
CONCEN (UC/ML)		1.225E-08	2.557E-11	2.457E-09	1.168E-11	6.458E-10	3.021E-09	3.119E-09	1.123E-15	1.00E-07	
CURIES		1.084E-01	2.117E-04	2.174E-02	1.000E-04	5.714E-03	2.587E-02	1.620E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.157	0.003	0.079	0.143	0.187	0.092	0.119			
KR-85M	1.867E-01										
CONCEN (UC/ML)		6.771E-08	1.761E-10	2.705E-08	3.429E-11	1.054E-08	4.640E-07	9.445E-08	3.400E-14	1.00E-07	
CURIES		5.991E-01	1.458E-03	2.393E-01	2.936E-04	9.322E-02	3.973E+00	4.906E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.867	0.018	0.874	0.419	3.050	14.202	3.612			
KR-87	5.278E-02										
CONCEN (UC/ML)		5.000E-08	1.084E-10	1.989E-08	7.028E-11	2.603E-08	4.799E-07	9.546E-08	3.436E-14	2.00E-08	
CURIES		4.424E-01	8.975E-04	1.760E-01	6.018E-04	2.303E-01	4.109E+00	4.959E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.640	0.011	0.643	0.858	7.535	14.688	3.651			
KR-88	1.183E-01										
CONCEN (UC/ML)		6.664E-08	1.428E-10	3.368E-08	7.692E-11	3.269E-08	6.918E-07	1.367E-07	4.922E-14	9.00E-09	
CURIES		5.896E-01	1.182E-03	2.980E-01	6.587E-04	2.892E-01	5.924E+00	7.103E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.853	0.014	1.089	0.940	9.462	21.176	5.229			
XE-133	5.250E+00										
CONCEN (UC/ML)		6.545E-06	9.984E-07	2.814E-06	7.843E-09	2.196E-07	9.822E-08	1.808E-06	6.509E-13	5.00E-07	
CURIES		5.791E+01	8.265E+00	2.490E+01	6.716E-02	1.943E+00	8.411E-01	9.393E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		83.815	99.934	90.968	95.802	63.573	3.007	69.146			
XE-135	3.792E-01										
CONCEN (UC/ML)		1.015E-06	4.389E-11	1.838E-07	2.807E-11	1.258E-08	1.262E-06	4.144E-07	1.492E-13	8.00E-08	
CURIES		8.978E+00	3.633E-04	1.626E+00	2.404E-04	1.113E-01	1.081E+01	2.153E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		12.994	0.004	5.940	0.343	3.642	38.642	15.847			

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

EBR-II AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
XE-135M	1.062E-02										
CONCEN (UC/ML)		1.625E-08	5.856E-11	2.722E-09	4.549E-11	1.486E-08	5.415E-08	1.471E-08	5.294E-15	5.00E-08	
CURIES		1.438E-01	4.848E-04	2.408E-02	3.895E-04	1.315E-01	4.637E-01	7.640E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.208	0.006	0.088	0.556	4.303	1.658	0.562			
XE-138	9.792E-03										
CONCEN (UC/ML)		3.126E-08	1.073E-10	8.713E-09	7.698E-11	2.849E-08	2.122E-07	4.667E-08	1.680E-14	2.00E-08	
CURIES		2.766E-01	8.886E-04	7.709E-02	6.592E-04	2.521E-01	1.817E+00	2.424E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.400	0.011	0.282	0.940	8.248	6.495	1.785			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		6.909E+01	8.270E+00	2.737E+01	7.010E-02	3.056E+00	2.798E+01	1.358E+02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		8.848E+06	8.278E+06	8.848E+06	8.563E+06	8.848E+06	8.563E+06	5.195E+07			
GRAND TOTALS (CURIES)		6.909E+01	8.270E+00	2.737E+01	7.010E-02	3.056E+00	2.798E+01	1.358E+02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

EBR-II LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
H-3	4.490E+03									
CONCEN (UC/ML)		3.514E-05	3.514E-05	3.514E-05	3.514E-05	3.514E-05	3.514E-05	3.514E-05	2.00E-03	1.76
CURIES		9.632E-03	5.296E-05	1.367E-03	2.501E-05	1.428E-03	1.873E-03	1.438E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		9.632E-03	5.296E-05	1.367E-03	2.501E-05	1.428E-03	1.873E-03	1.438E-02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)		2.741E+05	1.507E+03	3.891E+04	7.116E+02	4.065E+04	5.330E+04	4.092E+05		
GRAND TOTALS (CURIES)		9.632E-03	5.296E-05	1.367E-03	2.501E-05	1.428E-03	1.873E-03	1.438E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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FASB AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM										
CONCEN (UC/ML)					1.373E-16	2.160E-14		3.808E-15	4.804E-22	
CURIES					1.687E-09	2.743E-07		2.760E-07		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL					100.000	100.000		93.891		
GROSS-ALPHA										
CONCEN (UC/ML)		5.573E-16	4.400E-16	1.590E-16			3.800E-16	2.477E-16	3.126E-23	
CURIES		6.481E-09	4.787E-09	2.019E-09			4.670E-09	1.796E-08		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		100.000	100.000	100.000			100.000	6.109		
TOTALS										
ALPHA CURIES		6.481E-09	4.787E-09	2.019E-09			4.670E-09	1.796E-08		
% OF TOTAL		100.000	100.000	100.000			100.000	6.109		
B+G CURIES					1.687E-09	2.743E-07		2.760E-07		
% OF TOTAL					100.000	100.000		93.891		
VOLUME (CU. METERS)		1.163E+07	1.088E+07	1.270E+07	1.229E+07	1.270E+07	1.229E+07	7.249E+07		
GRAND TOTALS (CURIES)		6.481E-09	4.787E-09	2.019E-09	1.687E-09	2.743E-07	4.670E-09	2.940E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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FMF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM											
CONCEN (UC/ML)		2.000E-15			7.350E-16	1.680E-15	3.900E-15	1.386E-15	1.147E-22		
CURIES		2.478E-08			8.452E-09	1.996E-08	4.485E-08	9.804E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		57.143			100.000	55.629	100.000	71.771			
GROSS-ALPHA											
CONCEN (UC/ML)		1.500E-15	3.500E-16			1.340E-15		5.451E-16	4.512E-23		
CURIES		1.859E-08	4.056E-09			1.592E-08		3.856E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		42.857	100.000			44.371		28.229			
TOTALS											
ALPHA CURIES		1.859E-08	4.056E-09			1.592E-08		3.856E-08			
% OF TOTAL		42.857	100.000			44.371		28.229			
B+G CURIES		2.478E-08			8.452E-09	1.996E-08	4.485E-08	9.804E-08			
% OF TOTAL		57.143			100.000	55.629	100.000	71.771			
VOLUME (CU. METERS)		1.239E+07	1.159E+07	1.188E+07	1.150E+07	1.188E+07	1.150E+07	7.074E+07			
GRAND TOTALS (CURIES)		4.337E-08	4.056E-09		8.452E-09	3.588E-08	4.485E-08	1.366E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

HFEF-N AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		4.910E-09	2.796E-09	3.818E-09	1.217E-08	1.545E-09	6.238E-09	5.229E-09	1.362E-15	1.00E-08	
CURIES		2.855E-01	1.521E-01	2.220E-01	6.847E-01	8.986E-02	3.510E-01	1.785E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.521	1.933	2.312	10.686	1.927	11.182	4.698			
GROSS-BET-GAM											
CONCEN (UC/ML)					1.320E-15		4.180E-15	9.065E-16	2.361E-22		
CURIES					7.428E-08		2.352E-07	3.095E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
GROSS-ALPHA											
CONCEN (UC/ML)			2.670E-16		1.110E-16		2.300E-16	9.875E-17	2.572E-23		
CURIES			1.452E-08		6.246E-09		1.294E-08	3.371E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
H-3	4.490E+03										
CONCEN (UC/ML)					1.017E-11	8.989E-12		3.207E-12	8.352E-19	1.00E-07	
CURIES					5.722E-04	5.227E-04		1.095E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL					0.009	0.011		0.003			
KR-85	3.913E+03										
CONCEN (UC/ML)		1.037E-07	1.418E-07	1.613E-07	1.017E-07	7.864E-08	4.955E-08	1.061E-07	2.762E-14	3.00E-06	
CURIES		6.029E+00	7.715E+00	9.382E+00	5.722E+00	4.573E+00	2.788E+00	3.621E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		95.479	98.067	97.688	89.305	98.062	88.818	95.299			

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U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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HFEF-N AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES			1.452E-08		6.246E-09		1.294E-08	3.371E-08		
% OF TOTAL										
B+G CURIES		6.314E+00	7.867E+00	9.604E+00	6.407E+00	4.663E+00	3.139E+00	3.800E+01		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (CU. METERS)		5.815E+07	5.440E+07	5.815E+07	5.627E+07	5.815E+07	5.627E+07	3.414E+08		
GRAND TOTALS (CURIES)		6.314E+00	7.867E+00	9.604E+00	6.407E+00	4.663E+00	3.139E+00	3.800E+01		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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FUEL CYCLE FAC AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
----------	---------------------	---------	----------	-------	-------	-----	------	-------------------------------------	--------------------	------	------------------------------

TOTALS

ALPHA CURIES

% OF TOTAL

B+G CURIES

% OF TOTAL

VOLUME (CU. METERS)	5.056E+07	4.730E+07	5.309E+07	5.138E+07	5.309E+07	5.138E+07	3.068E+08
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GRAND TOTALS (CURIES)

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

L&O MAIN STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM											
CONCEN (UC/ML)		1.200E-13	6.390E-14	4.000E-14	1.990E-14	3.600E-14	2.900E-15	4.846E-14	1.540E-20		
CURIES		3.792E-06	1.889E-06	1.173E-06	5.648E-07	1.056E-06	8.230E-08	8.557E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		97.561	96.818	96.618	96.019	93.507	100.000	96.671			
GROSS-ALPHA											
CONCEN (UC/ML)		3.000E-15	2.100E-15	1.400E-15	8.250E-16	2.500E-15		1.669E-15	5.305E-22		
CURIES		9.480E-08	6.208E-08	4.106E-08	2.341E-08	7.332E-08		2.947E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		2.439	3.182	3.382	3.981	6.494		3.329			
TOTALS											
ALPHA CURIES		9.480E-08	6.208E-08	4.106E-08	2.341E-08	7.332E-08		2.947E-07			
% OF TOTAL		2.439	3.182	3.382	3.981	6.494		3.329			
B+G CURIES		3.792E-06	1.889E-06	1.173E-06	5.648E-07	1.056E-06	8.230E-08	8.557E-06			
% OF TOTAL		97.561	96.818	96.618	96.019	93.507	100.000	96.671			
VOLUME (CU. METERS)		3.160E+07	2.956E+07	2.933E+07	2.838E+07	2.933E+07	2.838E+07	1.766E+08			
GRAND TOTALS (CURIES)		3.887E-06	1.951E-06	1.214E-06	5.882E-07	1.129E-06	8.230E-08	8.852E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

NDA LABORATORY AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BET-GAM											
CONCEN (UC/ML)		2.700E-15	6.540E-16			2.100E-14		4.057E-15	1.290E-21		
CURIES		5.289E-08	1.199E-08			3.711E-07		4.360E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		100.000	85.267			96.730		81.316			
GROSS-ALPHA											
CONCEN (UC/ML)			1.130E-16		4.430E-16	7.100E-16	4.560E-15	9.321E-16	2.963E-22		
CURIES			2.071E-09		7.575E-09	1.255E-08	7.798E-08	1.002E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			14.733		100.000	3.270	100.000	18.684			
TOTALS											
ALPHA CURIES			2.071E-09		7.575E-09	1.255E-08	7.798E-08	1.002E-07			
% OF TOTAL			14.733		100.000	3.270	100.000	18.684			
B+G CURIES		5.289E-08	1.199E-08			3.711E-07		4.360E-07			
% OF TOTAL		100.000	85.267			96.730		81.316			
VOLUME (CU. METERS)		1.959E+07	1.833E+07	1.767E+07	1.710E+07	1.767E+07	1.710E+07	1.075E+08			

GRAND TOTALS (CURIES)		5.289E-08	1.406E-08		7.575E-09	3.836E-07	7.798E-08	5.361E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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RLMTF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROS-BET-GAM											
CONCEN (UC/ML)					1.240E-15		3.630E-15	7.386E-16	2.637E-23		
CURIES					4.323E-09		1.265E-08	1.698E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL					0.001		98.698	0.002			
GROSS-ALPHA											
CONCEN (UC/ML)		3.950E-16	1.810E-16		3.870E-16		4.790E-17	1.777E-16	6.344E-24		
CURIES		1.798E-09	7.705E-10		1.349E-09		1.670E-10	4.084E-09			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.001	100.000				1.302				
H-3											
CONCEN (UC/ML)	4.490E+03	6.161E-11			1.643E-10	5.179E-11		4.523E-11	1.615E-18	1.00E-07	
CURIES		2.804E-04			5.726E-04	1.866E-04		1.040E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		99.999			99.999	100.000		99.998			
TOTALS											
ALPHA CURIES		1.798E-09	7.705E-10		1.349E-09		1.670E-10	4.084E-09			
% OF TOTAL		0.001	100.000				1.302				
B+G CURIES		2.804E-04			5.726E-04	1.866E-04	1.265E-08	1.040E-03			
% OF TOTAL		99.999			100.000	100.000	98.698	100.000			
VOLUME (CU. METERS)		4.551E+06	4.257E+06	3.603E+06	3.486E+06	3.603E+06	3.486E+06	2.299E+07			
GRAND TOTALS (CURIES)											
		2.804E-04	7.705E-10		5.726E-04	1.866E-04	1.282E-08	1.040E-03			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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SCMS AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROS-BET-GAM											
CONCEN (UC/ML)		8.810E-15	5.900E-15	1.700E-14	1.400E-15	5.600E-15	1.200E-14	8.401E-15	7.500E-22		
CURIES		1.447E-07	9.068E-08	2.149E-07	1.712E-08	7.078E-08	1.468E-07	6.850E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		98.107	96.295	99.357	82.353	96.552	100.000	98.015			
GROSS-ALPHA											
CONCEN (UC/ML)		1.700E-16	2.270E-16	1.100E-16	3.000E-16	2.000E-16		1.701E-16	1.519E-23		
CURIES		2.793E-09	3.489E-09	1.390E-09	3.669E-09	2.528E-09		1.387E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		1.893	3.705	0.643	17.647	3.448		1.985			
TOTALS											
ALPHA CURIES		2.793E-09	3.489E-09	1.390E-09	3.669E-09	2.528E-09		1.387E-08			
% OF TOTAL		1.893	3.705	0.643	17.647	3.448		1.985			
B+G CURIES		1.447E-07	9.068E-08	2.149E-07	1.712E-08	7.078E-08	1.468E-07	6.850E-07			
% OF TOTAL		98.107	96.295	99.357	82.353	96.552	100.000	98.015			
VOLUME (CU. METERS)		1.643E+07	1.537E+07	1.264E+07	1.223E+07	1.264E+07	1.223E+07	8.154E+07			
GRAND TOTALS (CURIES)											
		1.475E-07	9.417E-08	2.163E-07	2.079E-08	7.331E-08	1.468E-07	6.988E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
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RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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TREAT AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)			1.400E-06	2.157E-05	2.123E-06		5.962E-06	8.684E-06	2.918E-13	1.00E-08	
CURIES			1.406E-01	8.080E+00	5.540E-01		2.206E+00	1.098E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			97.847	97.841	97.847		9.304	33.601			
BA-LA-140	1.276E+01										
CONCEN (UC/ML)			3.840E-12	1.460E-09	3.690E-12	2.910E-12	4.110E-11	4.460E-10	1.498E-17	3.00E-09	
CURIES			3.855E-07	5.469E-04	9.631E-07	4.316E-07	1.521E-05	5.639E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL				0.007		100.000		0.002			
BA-140	1.276E+01										
CONCEN (UC/ML)							1.729E-10	5.059E-11	1.700E-18	3.00E-09	
CURIES							6.397E-05	6.397E-05			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
CS-140	1.260E+09										
CONCEN (UC/ML)							1.729E-05	5.059E-06	1.700E-13		
CURIES							6.397E+00	6.397E+00			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL							26.979	19.575			
GROSS-ALPHA											
CONCEN (UC/ML)			1.310E-13		1.170E-14			1.282E-14	4.307E-22		
CURIES			1.315E-08		3.054E-09			1.621E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
KR-85M	1.867E-01										
CONCEN (UC/ML)							2.385E-08	6.978E-09	2.345E-16	1.00E-07	
CURIES							8.824E-03	8.824E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL							0.037	0.027			
KR-87	5.278E-02										
CONCEN (UC/ML)							1.365E-07	3.995E-08	1.343E-15	2.00E-08	
CURIES							5.052E-02	5.052E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL							0.213	0.155			

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TREAT AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
KR-88	1.183E-01										
CONCEN (UC/ML)			2.241E-08	3.452E-07	3.396E-08		9.541E-08	1.390E-07	4.669E-15	9.00E-09	
CURIES			2.250E-03	1.293E-01	8.864E-03		3.530E-02	1.757E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			1.566	1.566	1.566		0.149	0.538			
LA-140	1.678E+00										
CONCEN (UC/ML)							1.014E-14	2.966E-15	9.965E-23	3.00E-09	
CURIES							3.750E-09	3.750E-09			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
RB-88	1.229E-02										
CONCEN (UC/ML)							5.068E-10	1.483E-10	4.983E-18	3.00E-08	
CURIES							1.875E-04	1.875E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL							0.001	0.001			
XE-133	5.250E+00										
CONCEN (UC/ML)			2.801E-09	4.314E-08	4.245E-09		1.192E-08	1.737E-08	5.836E-16	5.00E-07	
CURIES			2.812E-04	1.616E-02	1.108E-03		4.412E-03	2.196E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			0.196	0.196	0.196		0.019	0.067			
XE-135	3.792E-01										
CONCEN (UC/ML)			5.602E-09	8.628E-08	8.490E-09		2.385E-08	3.474E-08	1.167E-15	8.00E-08	
CURIES			5.624E-04	3.232E-02	2.216E-03		8.824E-03	4.392E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			0.391	0.391	0.391		0.037	0.134			
XE-140	1.570E-04										
CONCEN (UC/ML)							4.054E-05	1.186E-05	3.986E-13		
CURIES							1.500E+01	1.500E+01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL							63.261	45.901			

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TREAT AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES			1.315E-08		3.054E-09			1.621E-08		
% OF TOTAL										
B+G CURIES			1.437E-01	8.258E+00	5.662E-01	4.316E-07	2.371E+01	3.268E+01		
% OF TOTAL			100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (CU. METERS)		1.019E+04	1.004E+05	3.746E+05	2.610E+05	1.483E+05	3.700E+05	1.264E+06		
GRAND TOTALS (CURIES)			1.437E-01	8.258E+00	5.662E-01	4.316E-07	2.371E+01	3.268E+01		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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ZPPR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROS-BET-GAM											
CONCEN (UC/ML)		1.040E-15	9.210E-16	1.250E-15			9.130E-16	6.913E-16	2.385E-23		
CURIES		6.573E-09	5.446E-09	7.585E-09			5.361E-09	2.496E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.003	0.003	0.001			0.003	0.001			
GROSS-ALPHA											
CONCEN (UC/ML)		6.400E-17		3.370E-18	9.200E-16	1.120E-16		1.802E-16	6.215E-24		
CURIES		4.045E-10		2.045E-11	5.402E-09	6.796E-10		6.507E-09			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL					0.001	100.000					
KR-85	3.913E+03										
CONCEN (UC/ML)							3.406E-11	5.538E-12	1.910E-19	3.00E-06	
CURIES							2.000E-04	2.000E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL							99.997	10.895			
XE-133	5.250E+00										
CONCEN (UC/ML)		4.900E-12	4.899E-12	1.959E-11	9.801E-12			6.546E-12	2.258E-19	5.00E-07	
CURIES		3.097E-05	2.897E-05	1.189E-04	5.755E-05			2.364E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		14.453	14.451	14.451	14.454			12.877			
XE-135	3.792E-01										
CONCEN (UC/ML)		2.900E-11	2.900E-11	1.160E-10	5.800E-11			3.875E-11	1.337E-18	8.00E-08	
CURIES		1.833E-04	1.715E-04	7.039E-04	3.406E-04			1.399E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		85.543	85.547	85.549	85.545			76.226			

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ZPPR AIRBORNE WASTE SUMMARY
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ANL-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		4.045E-10		2.045E-11	5.402E-09	6.796E-10		6.507E-09		
% OF TOTAL					0.001	100.000				
B+G CURIES		2.143E-04	2.005E-04	8.228E-04	3.981E-04		2.000E-04	1.836E-03		
% OF TOTAL		100.000	100.000	100.000	99.999		100.000	100.000		
VOLUME (CU. METERS)		6.320E+06	5.513E+06	6.068E+06	5.872E+06	6.068E+06	5.872E+06	3.611E+07		
GRAND TOTALS (CURIES)		2.143E-04	2.005E-04	8.228E-04	3.982E-04	6.796E-10	2.000E-04	1.836E-03		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

Central Facilities Area 1992 Detail Data

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Central Facility Area (CFA) Bar Graphs of Annual Data by Month

Central Facility Area (CFA) Monthly Details - CY-1992

CFA Detail Data for Months July to December
Annual Average Concentration and Total Curles for January to December

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CFA AIRBORNE WASTE SUMMARY
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CFA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
CO-60	1.924E+03										
CONCEN (UC/ML)			1.345E-14	4.720E-15				1.543E-15	4.756E-22	8.00E-11	
CURIES			6.670E-08	2.340E-08				9.010E-08			
% OF TOTAL			16.898	14.114				3.478			
GROSS-ALPHA											
CONCEN (UC/ML)		1.590E-15	9.856E-15	8.531E-16	3.293E-15	1.227E-14	4.592E-15	5.702E-15	1.757E-21		
CURIES		7.630E-09	4.887E-08	4.230E-09	1.580E-08	6.082E-08	2.204E-08	3.329E-07			
% OF TOTAL		3.128	12.380	2.551	7.758	22.435	12.584	12.849			
GROSS-BETA											
CONCEN (UC/ML)		4.725E-14	5.440E-14	2.589E-14	2.957E-14	4.131E-14	2.993E-14	3.503E-14	1.080E-20		
CURIES		2.267E-07	2.697E-07	1.284E-07	1.419E-07	2.048E-07	1.436E-07	2.045E-06			
% OF TOTAL		92.927	68.326	77.415	69.675	75.546	82.007	78.937			
SR-90	1.059E+04										
CONCEN (UC/ML)		1.003E-15	9.540E-16	9.897E-16	4.789E-15	5.518E-16	9.870E-16	1.051E-15	3.240E-22	9.00E-12	
CURIES		4.813E-09	4.730E-09	4.907E-09	2.298E-08	2.736E-09	4.736E-09	6.137E-08			
% OF TOTAL		1.973	1.198	2.960	11.284	1.009	2.705	2.369			
Y-90	2.667E+00										
CONCEN (UC/ML)		1.003E-15	9.540E-16	9.897E-16	4.789E-15	5.518E-16	9.870E-16	1.051E-15	3.240E-22	1.00E-09	
CURIES		4.813E-09	4.730E-09	4.907E-09	2.298E-08	2.736E-09	4.736E-09	6.137E-08			
% OF TOTAL		1.973	1.198	2.960	11.284	1.009	2.705	2.369			
TOTALS											
ALPHA CURIES		7.630E-09	4.887E-08	4.230E-09	1.580E-08	6.082E-08	2.204E-08	3.329E-07			
% OF TOTAL		3.128	12.380	2.551	7.758	22.435	12.584	12.849			
B+G CURIES		2.363E-07	3.459E-07	1.616E-07	1.879E-07	2.103E-07	1.531E-07	2.258E-06			
% OF TOTAL		96.872	87.620	97.449	92.242	77.565	87.416	87.150			
VOLUME (CU. METERS)		4.798E+06	4.958E+06	4.958E+06	4.798E+06	4.958E+06	4.798E+06	5.838E+07			
GRAND TOTALS (CURIES)		2.440E-07	3.947E-07	1.658E-07	2.037E-07	2.711E-07	1.751E-07	2.591E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CFA-9

SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CFA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CFA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA CONCEN (UC/ML) CURIES % OF TOTAL								6.287E-10 1.009E-04 0.003		
GROSS-BETA CONCEN (UC/ML) CURIES % OF TOTAL		1.775E-08 3.930E-04 0.119	9.577E-09 2.740E-04 0.025					2.160E-08 3.467E-03 0.105		
H-3 CONCEN (UC/ML) CURIES % OF TOTAL	4.490E+03	1.495E-05 3.310E-01 99.865	3.845E-05 1.100E+00 99.963					2.046E-05 3.283E+00 99.818	2.00E-03	1.02
SR-90 CONCEN (UC/ML) CURIES % OF TOTAL	1.059E+04	1.215E-09 2.690E-05 0.008	2.352E-09 6.730E-05 0.006					7.545E-09 1.211E-03 0.037	1.00E-06	0.75
Y-90 CONCEN (UC/ML) CURIES % OF TOTAL	2.667E+00	1.215E-09 2.690E-05 0.008	2.352E-09 6.730E-05 0.006					7.545E-09 1.211E-03 0.037	1.00E-05	0.08
TOTALS ALPHA CURIES % OF TOTAL B+G CURIES % OF TOTAL								1.009E-04 0.003 3.289E+00 99.997		
VOLUME (LITERS)		2.214E+07	2.861E+07					1.605E+08		
GRAND TOTALS (CURIES)		3.314E-01	1.100E+00					3.289E+00		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-N

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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CFA-S

NUCLIDES	HALF LIFE (DAYS)	CFA SOLID WASTE SUMMARY MERF INCINERATOR PROCESSED WASTE FROM JAN THROUGH DEC 1992						ANNUAL TOTAL
		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
CO-60	1.924E+03							
CURIES							4.480E-09	4.480E-09
% OF TOTAL							9.639	9.639
CS-137	1.101E+04							
CURIES							4.200E-08	4.200E-08
% OF TOTAL							90.361	90.361
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES							4.648E-08	4.648E-08
% OF TOTAL							100.000	100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								
WEIGHT (KILOGRAMS)								

GRAND TOTALS (CURIES)							4.648E-08	4.648E-08

CFA-11

CFA Detail Data for Months January to June
Annual Average Concentration and Total Curles for January to June

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CFA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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CFA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
GROSS-ALPHA											
CONCEN (UC/ML)				7.610E-15	1.395E-14	5.474E-15	8.874E-15	5.961E-15	1.837E-21		
CURIES				3.408E-08	6.917E-08	2.627E-08	4.400E-08	1.735E-07			
% OF TOTAL				20.429	19.645	15.721	19.054	15.266			
GROSS-BETA											
CONCEN (UC/ML)		7.604E-15	3.598E-14	2.910E-14	5.581E-14	2.550E-14	3.725E-14	3.195E-14	9.847E-21		
CURIES		3.770E-08	1.784E-07	1.303E-07	2.767E-07	1.223E-07	1.847E-07	9.301E-07			
% OF TOTAL		93.234	99.541	78.108	78.585	73.219	79.983	81.836			
SR-90											
CONCEN (UC/ML)	1.059E+04	2.759E-16	8.289E-17	2.724E-16	6.286E-16	1.926E-15	2.243E-16	5.657E-16	1.743E-22	9.00E-12	
CURIES		1.368E-09	4.110E-10	1.220E-09	3.117E-09	9.240E-09	1.112E-09	1.647E-08			
% OF TOTAL		3.383	0.229	0.731	0.885	5.530	0.482	1.449			
Y-90											
CONCEN (UC/ML)	2.667E+00	2.759E-16	8.289E-17	2.724E-16	6.286E-16	1.926E-15	2.243E-16	5.657E-16	1.743E-22	1.00E-09	
CURIES		1.368E-09	4.110E-10	1.220E-09	3.117E-09	9.240E-09	1.112E-09	1.647E-08			
% OF TOTAL		3.383	0.229	0.731	0.885	5.530	0.482	1.449			
TOTALS											
ALPHA CURIES				3.408E-08	6.917E-08	2.627E-08	4.400E-08	1.735E-07			
% OF TOTAL				20.429	19.645	15.721	19.054	15.266			
B+G CURIES		4.044E-08	1.792E-07	1.327E-07	2.829E-07	1.408E-07	1.869E-07	9.631E-07			
% OF TOTAL		100.000	100.000	79.571	80.355	84.279	80.946	84.733			
VOLUME (CU. METERS)		4.958E+06	4.958E+06	4.478E+06	4.958E+06	4.798E+06	4.958E+06	2.911E+07			
GRAND TOTALS (CURIES)											
		4.044E-08	1.792E-07	1.668E-07	3.521E-07	1.671E-07	2.309E-07	1.137E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CFA LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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CFA-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			1.243E-09		3.615E-09		9.039E-10	9.195E-10		
CURIES			2.330E-05		6.030E-05		1.730E-05	1.009E-04		
% OF TOTAL			0.007		0.025		0.006	0.005		
GROSS-BETA										
CONCEN (UC/ML)		2.618E-08	6.560E-08	3.248E-08	6.295E-09	5.819E-09	2.257E-08	2.552E-08		
CURIES		4.870E-04	1.230E-03	4.060E-04	1.050E-04	1.400E-04	4.320E-04	2.800E-03		
% OF TOTAL		0.169	0.385	0.144	0.043	0.031	0.156	0.151		
H-3	4.490E+03									
CONCEN (UC/ML)		1.538E-05	1.696E-05	2.248E-05	1.445E-05	1.866E-05	1.447E-05	1.688E-05	2.00E-03	0.84
CURIES		2.860E-01	3.180E-01	2.810E-01	2.410E-01	4.490E-01	2.770E-01	1.852E+00		
% OF TOTAL		99.398	99.572	99.856	99.772	99.890	99.790	99.724		
SR-90	1.059E+04									
CONCEN (UC/ML)		3.344E-08	3.051E-09		1.157E-08	7.357E-09	3.521E-09	1.018E-08	1.00E-06	1.02
CURIES		6.220E-04	5.720E-05		1.930E-04	1.770E-04	6.740E-05	1.117E-03		
% OF TOTAL		0.216	0.018		0.080	0.039	0.024	0.060		
Y-90	2.667E+00									
CONCEN (UC/ML)		3.344E-08	3.051E-09		1.157E-08	7.357E-09	3.521E-09	1.018E-08	1.00E-05	0.10
CURIES		6.220E-04	5.720E-05		1.930E-04	1.770E-04	6.740E-05	1.117E-03		
% OF TOTAL		0.216	0.018		0.080	0.039	0.024	0.060		
TOTALS										
ALPHA CURIES			2.330E-05		6.030E-05		1.730E-05	1.009E-04		
% OF TOTAL			0.007		0.025		0.006	0.005		
B+G CURIES		2.877E-01	3.193E-01	2.814E-01	2.415E-01	4.495E-01	2.776E-01	1.857E+00		
% OF TOTAL		100.000	99.993	100.000	99.975	100.000	99.994	99.994		
VOLUME (LITERS)		1.860E+07	1.875E+07	1.250E+07	1.668E+07	2.406E+07	1.914E+07	1.097E+08		
GRAND TOTALS (CURIES)		2.877E-01	3.194E-01	2.814E-01	2.416E-01	4.495E-01	2.776E-01	1.857E+00		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CFA-16

**CFA Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CFA LAUNDRY AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CFA/CFA-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CO-60	1.924E+03										
CONCEN (UC/ML)			1.453E-14	5.099E-15				1.668E-15	5.139E-22	8.00E-11	
CURIES			6.670E-08	2.340E-08				9.010E-08			
UNCERT(CURIES)			8.760E-09	6.230E-09							
UNCERT(UC/ML)											
% OF TOTAL			17.454	15.171				3.870			
GROSS-ALPHA											
CONCEN (UC/ML)		1.718E-15	1.055E-14		2.747E-15	1.196E-14	4.819E-15	5.481E-15	1.689E-21		
CURIES		7.630E-09	4.840E-08		1.220E-08	5.490E-08	2.140E-08	2.961E-07			
UNCERT(CURIES)		3.050E-08	1.610E-08		3.050E-09	1.070E-08	4.580E-09				
UNCERT(UC/ML)											
% OF TOTAL		3.306	12.666		7.358	22.337	12.593	12.719			
GROSS-BETA											
CONCEN (UC/ML)		4.819E-14	5.622E-14	2.659E-14	2.815E-14	4.053E-14	3.152E-14	3.413E-14	1.052E-20		
CURIES		2.140E-07	2.580E-07	1.220E-07	1.250E-07	1.860E-07	1.400E-07	1.844E-06			
UNCERT(CURIES)		6.100E-08	3.230E-08	6.100E-08	1.980E-08	2.960E-07	2.290E-08				
UNCERT(UC/ML)											
% OF TOTAL		92.725	67.515	79.098	75.392	75.677	82.382	79.197			
SR-90	1.059E+04										
CONCEN (UC/ML)		1.031E-15	9.850E-16	9.632E-16	3.220E-15	5.317E-16	9.615E-16	9.080E-16	2.798E-22	9.00E-12	
CURIES		4.580E-09	4.520E-09	4.420E-09	1.430E-08	2.440E-09	4.270E-09	4.906E-08			
UNCERT(CURIES)		1.530E-09	1.290E-09	1.070E-09	1.070E-09	4.580E-10	4.580E-10				
UNCERT(UC/ML)											
% OF TOTAL		1.984	1.183	2.866	8.625	0.993	2.513	2.107			
Y-90	2.667E+00										
CONCEN (UC/ML)		1.031E-15	9.850E-16	9.632E-16	3.220E-15	5.317E-16	9.615E-16	9.080E-16	2.798E-22	1.00E-09	
CURIES		4.580E-09	4.520E-09	4.420E-09	1.430E-08	2.440E-09	4.270E-09	4.906E-08			
UNCERT(CURIES)		1.530E-09	1.290E-09	1.070E-09	1.070E-09	4.580E-10	4.580E-10				
UNCERT(UC/ML)											
% OF TOTAL		1.984	1.183	2.866	8.625	0.993	2.513	2.107			

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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CFA LAUNDRY AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CFA/CFA-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		7.630E-09	4.840E-08		1.220E-08	5.490E-08	2.140E-08	2.961E-07		
% OF TOTAL		3.306	12.666		7.358	22.337	12.593	12.719		
B+G CURIES		2.232E-07	3.337E-07	1.542E-07	1.536E-07	1.909E-07	1.485E-07	2.032E-06		
% OF TOTAL		96.694	87.334	100.000	92.642	77.663	87.407	87.281		
VOLUME (CU. METERS)		4.441E+06	4.589E+06	4.589E+06	4.441E+06	4.589E+06	4.441E+06	5.403E+07		

GRAND TOTALS (CURIES)		2.308E-07	3.821E-07	1.542E-07	1.658E-07	2.458E-07	1.699E-07	2.328E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CFA RESPIRATOR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CFA/CFA-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)			1.265E-15	1.146E-14	1.008E-14	1.604E-14	1.778E-15	8.461E-15	2.607E-21		
CURIES			4.670E-10	4.230E-09	3.600E-09	5.920E-09	6.350E-10	3.677E-08			
UNCERT(CURIES)			7.010E-09	4.230E-08	6.350E-10	1.060E-09	1.270E-09				
UNCERT(UC/ML)											
% OF TOTAL			3.710	36.611	9.509	23.388	12.290	13.998			
GROSS-BETA											
CONCEN (UC/ML)		3.555E-14	3.170E-14	1.720E-14	4.731E-14	5.093E-14	1.008E-14	4.632E-14	1.427E-20		
CURIES		1.270E-08	1.170E-08	6.350E-09	1.690E-08	1.880E-08	3.600E-09	2.013E-07			
UNCERT(CURIES)		6.350E-09	4.670E-09	1.270E-08	2.540E-09	2.960E-09	6.350E-10				
UNCERT(UC/ML)											
% OF TOTAL		96.461	92.953	54.959	44.638	74.273	69.673	76.630			
SR-90											
CONCEN (UC/ML)	1.059E+04	6.523E-16	5.690E-16	1.319E-15	2.430E-14	8.020E-16	1.305E-15	2.832E-15	8.729E-22	9.00E-12	
CURIES		2.330E-10	2.100E-10	4.870E-10	8.680E-09	2.960E-10	4.660E-10	1.231E-08			
UNCERT(CURIES)		1.060E-10	1.170E-10	1.480E-10	6.350E-10	4.230E-11	8.460E-11				
UNCERT(UC/ML)											
% OF TOTAL		1.770	1.668	4.215	22.927	1.169	9.019	4.686			
Y-90											
CONCEN (UC/ML)	2.667E+00	6.523E-16	5.690E-16	1.319E-15	2.430E-14	8.020E-16	1.305E-15	2.832E-15	8.729E-22	1.00E-09	
CURIES		2.330E-10	2.100E-10	4.870E-10	8.680E-09	2.960E-10	4.660E-10	1.231E-08			
UNCERT(CURIES)		1.060E-10	1.170E-10	1.480E-10	6.350E-10	4.230E-11	8.460E-11				
UNCERT(UC/ML)											
% OF TOTAL		1.770	1.668	4.215	22.927	1.169	9.019	4.686			
TOTALS											
ALPHA CURIES			4.670E-10	4.230E-09	3.600E-09	5.920E-09	6.350E-10	3.677E-08			
% OF TOTAL			3.710	36.611	9.509	23.388	12.290	13.998			
B+G CURIES		1.317E-08	1.212E-08	7.324E-09	3.426E-08	1.939E-08	4.532E-09	2.259E-07			
% OF TOTAL		100.000	96.290	63.389	90.491	76.612	87.711	86.002			
VOLUME (CU. METERS)		3.572E+05	3.691E+05	3.691E+05	3.572E+05	3.691E+05	3.572E+05	4.346E+06			
<hr/>											
GRAND TOTALS (CURIES)		1.317E-08	1.259E-08	1.155E-08	3.786E-08	2.531E-08	5.167E-09	2.627E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
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RUN DATE: 05/07/93

 CFA LIQUID WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

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 CFA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA										
CONCEN (UC/ML)								6.287E-10		
CURIES								1.009E-04		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.003		
GROSS-BETA										
CONCEN (UC/ML)		1.775E-08	9.577E-09					2.160E-08		
CURIES		3.930E-04	2.740E-04					3.467E-03		
UNCERT(CURIES)		8.270E-05	7.470E-05							
UNCERT(UC/ML)										
% OF TOTAL		0.119	0.025					0.105		
H-3	4.490E+03									
CONCEN (UC/ML)		1.495E-05	3.845E-05					2.046E-05	2.00E-03	1.02
CURIES		3.310E-01	1.100E+00					3.283E+00		
UNCERT(CURIES)		2.690E-02	4.980E-02							
UNCERT(UC/ML)										
% OF TOTAL		99.865	99.963					99.818		
SR-90	1.059E+04									
CONCEN (UC/ML)		1.215E-09	2.352E-09					7.545E-09	1.00E-06	0.75
CURIES		2.690E-05	6.730E-05					1.211E-03		
UNCERT(CURIES)		4.130E-06	7.470E-06							
UNCERT(UC/ML)										
% OF TOTAL		0.008	0.006					0.037		
Y-90	2.667E+00									
CONCEN (UC/ML)		1.215E-09	2.352E-09					7.545E-09	1.00E-05	0.08
CURIES		2.690E-05	6.730E-05					1.211E-03		
UNCERT(CURIES)		4.130E-06	7.470E-06							
UNCERT(UC/ML)										
% OF TOTAL		0.008	0.006					0.037		
TOTALS										
ALPHA CURIES								1.009E-04		
% OF TOTAL								0.003		
B+G CURIES		3.314E-01	1.100E+00					3.289E+00		
% OF TOTAL		100.000	100.000					99.997		
VOLUME (LITERS)		2.214E+07	2.861E+07					1.605E+08		
GRAND TOTALS (CURIES)		3.314E-01	1.100E+00					3.289E+00		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February8, 1990, Figures III-1 and III-3

CFA-22

**CFA Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CFA LAUNDRY AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 185
CFA/CFA-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)				6.996E-15	1.406E-14	5.810E-15	7.039E-15	5.627E-15	1.734E-21		
CURIES				2.900E-08	6.450E-08	2.580E-08	3.230E-08	1.516E-07			
UNCERT(CURIES)				1.070E-08	4.840E-08	1.610E-08	3.230E-08				
UNCERT(UC/ML)											
% OF TOTAL				20.948	19.626	16.652	18.086	15.476			
GROSS-BETA											
CONCEN (UC/ML)		4.990E-15	3.334E-14	2.581E-14	5.622E-14	2.544E-14	3.160E-14	2.965E-14	9.138E-21		
CURIES		2.290E-08	1.530E-07	1.070E-07	2.580E-07	1.130E-07	1.450E-07	7.989E-07			
UNCERT(CURIES)		1.980E-08	3.050E-08	1.530E-08	6.450E-08	1.610E-08	1.610E-08				
UNCERT(UC/ML)											
% OF TOTAL		90.371	99.603	77.290	78.505	72.931	81.192	81.557			
SR-90	1.059E+04										
CONCEN (UC/ML)		2.659E-16	6.646E-17	2.943E-16	6.690E-16	1.817E-15	1.406E-16	5.393E-16	1.662E-22	9.00E-12	
CURIES		1.220E-09	3.050E-10	1.220E-09	3.070E-09	8.070E-09	6.450E-10	1.453E-08			
UNCERT(CURIES)		7.630E-10	7.630E-10	1.530E-09	1.290E-09	1.130E-09	9.680E-10				
UNCERT(UC/ML)											
% OF TOTAL		4.815	0.199	0.881	0.934	5.208	0.361	1.483			
Y-90	2.667E+00										
CONCEN (UC/ML)		2.659E-16	6.646E-17	2.943E-16	6.690E-16	1.817E-15	1.406E-16	5.393E-16	1.662E-22	1.00E-09	
CURIES		1.220E-09	3.050E-10	1.220E-09	3.070E-09	8.070E-09	6.450E-10	1.453E-08			
UNCERT(CURIES)		7.630E-10	7.630E-10	1.530E-09	1.290E-09	1.130E-09	9.680E-10				
UNCERT(UC/ML)											
% OF TOTAL		4.815	0.199	0.881	0.934	5.208	0.361	1.483			
TOTALS											
ALPHA CURIES				2.900E-08	6.450E-08	2.580E-08	3.230E-08	1.516E-07			
% OF TOTAL				20.948	19.626	16.652	18.086	15.476			
B+G CURIES		2.534E-08	1.536E-07	1.094E-07	2.641E-07	1.291E-07	1.463E-07	8.280E-07			
% OF TOTAL		100.000	100.000	79.052	80.374	83.348	81.914	84.524			
VOLUME (CU. METERS)		4.589E+06	4.589E+06	4.145E+06	4.589E+06	4.441E+06	4.589E+06	2.694E+07			
GRAND TOTALS (CURIES)		2.534E-08	1.536E-07	1.384E-07	3.286E-07	1.549E-07	1.786E-07	9.796E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CFA-25

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CFA RESPIRATOR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 184
CFA/CFA-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)				1.524E-14	1.265E-14	1.307E-15	3.170E-14	1.011E-14	3.117E-21		
CURIES				5.080E-09	4.670E-09	4.670E-10	1.170E-08	2.192E-08			
UNCERT(CURIES)				1.690E-09	9.340E-09	4.670E-09	9.340E-09				
UNCERT(UC/ML)											
% OF TOTAL				17.900	19.903	3.845	22.356	13.957			
GROSS-BETA											
CONCEN (UC/ML)		4.010E-14	6.882E-14	6.989E-14	5.066E-14	2.615E-14	1.076E-13	6.056E-14	1.866E-20		
CURIES		1.480E-08	2.540E-08	2.330E-08	1.870E-08	9.340E-09	3.970E-08	1.312E-07			
UNCERT(CURIES)		2.120E-09	4.230E-09	2.120E-09	7.010E-09	7.010E-09	9.340E-09				
UNCERT(UC/ML)											
% OF TOTAL		98.039	99.172	82.100	79.699	76.891	75.859	83.575			
SR-90 1.059E+04											
CONCEN (UC/ML)		4.010E-16	2.872E-16		1.265E-16	3.275E-15	1.265E-15	8.942E-16	2.756E-22	9.00E-12	
CURIES		1.480E-10	1.060E-10		4.670E-11	1.170E-09	4.670E-10	1.938E-09			
UNCERT(CURIES)		8.460E-11	1.060E-10		1.640E-10	1.400E-10	2.340E-10				
UNCERT(UC/ML)											
% OF TOTAL		0.980	0.414		0.199	9.632	0.892	1.234			
Y-90 2.667E+00											
CONCEN (UC/ML)		4.010E-16	2.872E-16		1.265E-16	3.275E-15	1.265E-15	8.942E-16	2.756E-22	1.00E-09	
CURIES		1.480E-10	1.060E-10		4.670E-11	1.170E-09	4.670E-10	1.938E-09			
UNCERT(CURIES)		8.460E-11	1.060E-10		1.640E-10	1.400E-10	2.340E-10				
UNCERT(UC/ML)											
% OF TOTAL		0.980	0.414		0.199	9.632	0.892	1.234			
TOTALS											
ALPHA CURIES				5.080E-09	4.670E-09	4.670E-10	1.170E-08	2.192E-08			
% OF TOTAL				17.900	19.903	3.845	22.356	13.957			
B+G CURIES		1.510E-08	2.561E-08	2.330E-08	1.879E-08	1.168E-08	4.063E-08	1.351E-07			
% OF TOTAL		100.000	100.000	82.100	80.097	96.155	77.644	86.043			
VOLUME (CU. METERS)		3.691E+05	3.691E+05	3.334E+05	3.691E+05	3.572E+05	3.691E+05	2.167E+06			
GRAND TOTALS (CURIES)											
		1.510E-08	2.561E-08	2.838E-08	2.346E-08	1.215E-08	5.233E-08	1.570E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CFA-26

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CFA LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 161
CFA-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			1.243E-09		3.615E-09		9.039E-10	9.195E-10		
CURIES			2.330E-05		6.030E-05		1.730E-05	1.009E-04		
UNCERT(CURIES)			1.480E-05		3.010E-05		1.730E-05			
UNCERT(UC/ML)										
% OF TOTAL			0.007		0.025		0.006	0.005		
GROSS-BETA										
CONCEN (UC/ML)		2.618E-08	6.560E-08	3.248E-08	6.295E-09	5.819E-09	2.257E-08	2.552E-08		
CURIES		4.870E-04	1.230E-03	4.060E-04	1.050E-04	1.400E-04	4.320E-04	2.800E-03		
UNCERT(CURIES)		8.400E-05	1.910E-04	7.820E-05	4.520E-05	8.420E-05	8.640E-05			
UNCERT(UC/ML)										
% OF TOTAL		0.169	0.385	0.144	0.043	0.031	0.156	0.151		
H-3										
CONCEN (UC/ML)	4.490E+03	1.538E-05	1.696E-05	2.248E-05	1.445E-05	1.866E-05	1.447E-05	1.688E-05	2.00E-03	0.84
CURIES		2.860E-01	3.180E-01	2.810E-01	2.410E-01	4.490E-01	2.770E-01	1.852E+00		
UNCERT(CURIES)		3.360E-02	4.230E-02	3.130E-02	3.010E-02	5.610E-02	5.190E-02			
UNCERT(UC/ML)										
% OF TOTAL		99.398	99.572	99.856	99.772	99.890	99.790	99.724		
SR-90										
CONCEN (UC/ML)	1.059E+04	3.344E-08	3.051E-09		1.157E-08	7.357E-09	3.521E-09	1.018E-08	1.00E-06	1.02
CURIES		6.220E-04	5.720E-05		1.930E-04	1.770E-04	6.740E-05	1.117E-03		
UNCERT(CURIES)		5.040E-05	2.330E-05		1.960E-05	1.680E-05	1.040E-05			
UNCERT(UC/ML)										
% OF TOTAL		0.216	0.018		0.080	0.039	0.024	0.060		
Y-90										
CONCEN (UC/ML)	2.667E+00	3.344E-08	3.051E-09		1.157E-08	7.357E-09	3.521E-09	1.018E-08	1.00E-05	0.10
CURIES		6.220E-04	5.720E-05		1.930E-04	1.770E-04	6.740E-05	1.117E-03		
UNCERT(CURIES)		5.040E-05	2.330E-05		1.960E-05	1.680E-05	1.040E-05			
UNCERT(UC/ML)										
% OF TOTAL		0.216	0.018		0.080	0.039	0.024	0.060		
TOTALS										
ALPHA CURIES			2.330E-05		6.030E-05		1.730E-05	1.009E-04		
% OF TOTAL			0.007		0.025		0.006	0.005		
B+G CURIES		2.877E-01	3.193E-01	2.814E-01	2.415E-01	4.495E-01	2.776E-01	1.857E+00		
% OF TOTAL		100.000	99.993	100.000	99.975	100.000	99.994	99.994		
VOLUME (LITERS)		1.860E+07	1.875E+07	1.250E+07	1.668E+07	2.406E+07	1.914E+07	1.097E+08		
GRAND TOTALS (CURIES)										
		2.877E-01	3.194E-01	2.814E-01	2.416E-01	4.495E-01	2.776E-01	1.857E+00		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CFA-27

Chemical Processing Plant 1992 Detail Data

Chemical Processing Plant (CPP) Bar Graphs of Annual Data by Month	CPP-3
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Report 222—CPP Solid Waste Summary, Waste Sent To WERF For Metallic Processing	CPP-14
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CPP Facility Detail Data for Months July to December,	
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CPP Facility Detail Data for Months January to June,	
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Report 218—CPP Liquid Waste to Infiltration Pond Summary	CPP-48

Chemical Processing Plant (CPP) Bar Graphs of Annual Data by Month

Chemical Processing Plant (CPP) Monthly Details - CY-1992

CPP CY 1992 SHIPPED LOW LEVEL WASTE

**CPP Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 210
CPP-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
C-14	2.092E+06										
CONCEN (UC/ML)								1.602E-13	2.118E-19	6.00E-09	
CURIES								6.240E-04			
% OF TOTAL											
CO-57	2.718E+02										
CONCEN (UC/ML)								1.050E-17	1.388E-23	2.00E-09	
CURIES								4.090E-08			
% OF TOTAL											
CO-60	1.924E+03										
CONCEN (UC/ML)				1.086E-14		1.423E-16	6.973E-17	9.320E-16	1.232E-21	8.00E-11	
CURIES				3.276E-06		4.800E-08	2.430E-08	3.631E-06			
% OF TOTAL				0.673		0.018					
CS-134	7.537E+02										
CONCEN (UC/ML)		2.757E-15	3.342E-15	1.638E-14	4.438E-15	3.883E-15	4.821E-15	6.450E-15	8.528E-21	2.00E-10	
CURIES		8.000E-07	1.060E-06	4.940E-06	1.520E-06	1.310E-06	1.680E-06	2.513E-05			
% OF TOTAL		0.776	0.991	1.015	0.654	0.481					
CS-137	1.101E+04										
CONCEN (UC/ML)		2.139E-13	2.476E-13	1.114E-12	4.106E-13	5.737E-13	5.360E-13	5.365E-13	7.093E-19	4.00E-10	
CURIES		6.207E-05	7.853E-05	3.360E-04	1.406E-04	1.936E-04	1.868E-04	2.090E-03			
% OF TOTAL		60.191	73.379	69.075	60.542	71.123					
EU-154	3.103E+03										
CONCEN (UC/ML)				1.771E-15	1.746E-16	4.209E-16		2.336E-16	3.088E-22	5.00E-11	
CURIES				5.340E-07	5.980E-08	1.420E-07		9.098E-07			
% OF TOTAL				0.110	0.026	0.052					
H-3	4.490E+03										
CONCEN (UC/ML)								3.748E-11	4.955E-17	1.00E-07	
CURIES								1.460E-01			
% OF TOTAL								0.001			
I-129	5.840E+09										
CONCEN (UC/ML)								1.571E-14	2.077E-20	7.00E-11	
CURIES								6.120E-05			
% OF TOTAL											
KR-85	3.913E+03										
CONCEN (UC/ML)							5.739E-05	5.134E-06	6.788E-12	3.00E-06	
CURIES							2.000E+04	2.000E+04			
% OF TOTAL							100.000	99.999			

CPP-9

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 2 RPT. 210
CPP-A
YEARLY
RELEASE
CG** % OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
MIN-54	3.122E+02										
CONCEN (UC/ML)				6.565E-17				5.083E-18	6.720E-24	2.00E-09	
CURIES				1.980E-08				1.980E-08			
% OF TOTAL				0.004							
RU-106	3.726E+02										
CONCEN (UC/ML)		3.653E-14	1.378E-14	3.515E-13	4.029E-14	8.773E-14	6.255E-14	1.014E-13	1.341E-19	3.00E-11	
CURIES		1.060E-05	4.370E-06	1.060E-04	1.380E-05	2.960E-05	2.180E-05	3.950E-04			
% OF TOTAL		10.279	4.083	21.788	5.941	10.875					
SB-125	1.007E+03										
CONCEN (UC/ML)		5.520E-14	2.008E-14	7.689E-14	4.455E-14	2.164E-14	1.547E-14	2.884E-14	3.813E-20	1.00E-09	
CURIES		1.602E-05	6.370E-06	2.319E-05	1.526E-05	7.300E-06	5.390E-06	1.124E-04			
% OF TOTAL		15.534	5.952	4.767	6.570	2.682					
SR-90	1.059E+04										
CONCEN (UC/ML)		4.686E-14	5.233E-14	4.111E-14	1.779E-13	1.189E-13	6.944E-14	9.989E-14	1.321E-19	9.00E-12	
CURIES		1.360E-05	1.660E-05	1.240E-05	6.093E-05	4.010E-05	2.420E-05	3.891E-04			
% OF TOTAL		13.188	15.512	2.549	26.234	14.733					
TOTAL-PU											
CONCEN (UC/ML)		1.137E-16	2.784E-16	2.928E-16	2.193E-16	2.845E-16	1.128E-14	1.264E-15	1.672E-21		
CURIES		3.300E-08	8.830E-08	8.830E-08	7.510E-08	9.600E-08	3.930E-06	4.925E-06			
% OF TOTAL		0.032	0.083	0.018	0.032	0.035					
TOTALS											
ALPHA CURIES		3.300E-08	8.830E-08	8.830E-08	7.510E-08	9.600E-08	3.930E-06	4.925E-06			
% OF TOTAL		0.032	0.083	0.018	0.032	0.035					
B+G CURIES		1.031E-04	1.069E-04	4.864E-04	2.322E-04	2.721E-04	2.000E+04	2.000E+04			
% OF TOTAL		99.968	99.918	99.982	99.968	99.965	100.000	100.000			
VOLUME (CU. METERS)		2.902E+08	3.172E+08	3.016E+08	3.425E+08	3.374E+08	3.485E+08	3.895E+09			
GRAND TOTALS (CURIES)		1.031E-04	1.070E-04	4.865E-04	2.323E-04	2.722E-04	2.000E+04	2.000E+04			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CPP-10

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 211
CPP-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
CS-137	1.101E+04									
CONCEN (UC/ML)		1.267E-10	1.107E-10	8.995E-11		9.641E-11		1.046E-09	3.00E-06	0.03
CURIES		2.280E-05	2.270E-05	1.970E-05		2.150E-05		2.545E-03		
% OF TOTAL		5.464	3.217	3.491		3.654		1.116		
H-3	4.490E+03									
CONCEN (UC/ML)								8.960E-08	2.00E-03	
CURIES								2.180E-01		
% OF TOTAL								95.586		
RU-106	3.726E+02									
CONCEN (UC/ML)					1.333E-09			1.134E-10	6.00E-06	
CURIES					2.760E-04			2.760E-04		
% OF TOTAL					32.160			0.121		
SB-125	1.007E+03									
CONCEN (UC/ML)								2.935E-11	5.00E-05	
CURIES								7.140E-05		
% OF TOTAL								0.031		
SR-90	1.059E+04									
CONCEN (UC/ML)			8.000E-10				6.995E-10	8.516E-10	1.00E-06	0.09
CURIES			1.640E-04				1.420E-04	2.072E-03		
% OF TOTAL			23.239				100.000	0.909		
TOTAL-PU										
CONCEN (UC/ML)		6.389E-11		3.000E-11	3.000E-11	4.000E-11		3.501E-11		
CURIES		1.150E-05		6.570E-06	6.210E-06	8.920E-06		8.517E-05		
% OF TOTAL		2.756		1.164	0.724	1.516		0.037		
TOTAL-U										
CONCEN (UC/ML)		2.128E-09	2.532E-09	2.457E-09	2.783E-09	2.502E-09		2.062E-09		
CURIES		3.830E-04	5.190E-04	5.380E-04	5.760E-04	5.580E-04		5.018E-03		
% OF TOTAL		91.781	73.544	95.344	67.116	94.830		2.200		
TOTALS										
ALPHA CURIES		1.150E-05		6.570E-06	6.210E-06	8.920E-06		8.517E-05		
% OF TOTAL		2.756		1.164	0.724	1.516		0.037		
B+G CURIES		4.058E-04	7.057E-04	5.577E-04	8.520E-04	5.795E-04	1.420E-04	2.280E-01		
% OF TOTAL		97.244	100.000	98.836	99.276	98.484	100.000	99.962		
VOLUME (LITERS)		1.800E+08	2.050E+08	2.190E+08	2.070E+08	2.230E+08	2.030E+08	2.433E+09		
GRAND TOTALS (CURIES)		4.173E-04	7.057E-04	5.643E-04	8.582E-04	5.884E-04	1.420E-04	2.281E-01		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CPP-11

SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-12

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CE-144 CURIES % OF TOTAL	2.844E+02							4.161E-01 19.700
CS-137 CURIES % OF TOTAL	1.101E+04							2.112E-01 10.000
NB-95 CURIES % OF TOTAL	3.498E+01							6.547E-02 3.100
PR-144 CURIES % OF TOTAL	1.200E-02							4.161E-01 19.700
RH-106 CURIES % OF TOTAL	3.441E-04							2.112E-01 10.000
RU-106 CURIES % OF TOTAL	3.726E+02							2.112E-01 10.000
SB-125 CURIES % OF TOTAL	1.007E+03							9.293E-02 4.400
SR-90 CURIES % OF TOTAL	1.059E+04							2.112E-01 10.000
Y-90 CURIES % OF TOTAL	2.667E+00							2.112E-01 10.000
ZR-95 CURIES % OF TOTAL	6.403E+01							6.547E-02 3.100

SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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CPP DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES								
% OF TOTAL								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								
WEIGHT (KILOGRAMS)								

GRAND TOTALS (CURIES)								2.112E+00

CPP-13

SCHED. NO. P61PM009-M

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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CPP SOLID WASTE SUMMARY
WASTE SENT TO MERF FOR METALLIC PROCESSING
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CE-144	2.844E+02							
CURIES								5.910E-03
% OF TOTAL								19.700
CS-137	1.101E+04							
CURIES								3.000E-03
% OF TOTAL								10.000
NB-95	3.498E+01							
CURIES								9.300E-04
% OF TOTAL								3.100
PR-144	1.200E-02							
CURIES								5.910E-03
% OF TOTAL								19.700
RH-106	3.441E-04							
CURIES								3.000E-03
% OF TOTAL								10.000
RU-106	3.726E+02							
CURIES								3.000E-03
% OF TOTAL								10.000
SB-125	1.007E+03							
CURIES								1.320E-03
% OF TOTAL								4.400
SR-90	1.059E+04							
CURIES								3.000E-03
% OF TOTAL								10.000
Y-90	2.667E+00							
CURIES								3.000E-03
% OF TOTAL								10.000
ZR-95	6.403E+01							
CURIES								9.300E-04
% OF TOTAL								3.100
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES								3.000E-02
% OF TOTAL								100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								3.625E+00
WEIGHT (KILOGRAMS)								6.350E+02
GRAND TOTALS (CURIES)								3.000E-02

CPP-14

SCHED. NO. P61PM009-N

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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CPP-S

CPP SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CE-144	2.844E+02							
CURIES								2.600E-02
% OF TOTAL								19.700
CS-137	1.101E+04							
CURIES								1.320E-02
% OF TOTAL								10.000
NB-95	3.498E+01							
CURIES								4.092E-03
% OF TOTAL								3.100
PR-144	1.200E-02							
CURIES								2.600E-02
% OF TOTAL								19.700
RH-106	3.441E-04							
CURIES								1.320E-02
% OF TOTAL								10.000
RU-106	3.726E+02							
CURIES								1.320E-02
% OF TOTAL								10.000
SB-125	1.007E+03							
CURIES								5.808E-03
% OF TOTAL								4.400
SR-90	1.059E+04							
CURIES								1.320E-02
% OF TOTAL								10.000
Y-90	2.667E+00							
CURIES								1.320E-02
% OF TOTAL								10.000
ZR-95	6.403E+01							
CURIES								4.092E-03
% OF TOTAL								3.100

TOTALS

ALPHA CURIES
% OF TOTAL
B+G CURIES
% OF TOTAL

1.320E-01
99.999

TOTAL GRAMS OF AM
TOTAL GRAMS OF PU
TOTAL GRAMS OF PU-239+241
TOTAL GRAMS OF U
TOTAL GRAMS OF TH
TOTAL GRAMS OF NP
VOLUME (CU. METERS)
WEIGHT (KILOGRAMS)

6.230E+01
6.832E+03

GRAND TOTALS (CURIES)

1.320E-01

CPP-15

**CPP Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 210
CPP-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
C-14	2.092E+06										
CONCEN (UC/ML)				3.564E-18		2.097E-12		3.187E-13	4.213E-19	6.00E-09	
CURIES				1.190E-09		6.240E-04		6.240E-04			
% OF TOTAL						87.375		0.421			
CO-57	2.718E+02										
CONCEN (UC/ML)							1.400E-16	2.089E-17	2.762E-23	2.00E-09	
CURIES							4.090E-08	4.090E-08			
% OF TOTAL							0.020				
CO-60	1.924E+03										
CONCEN (UC/ML)		7.813E-17	4.973E-16			1.008E-16	1.369E-16	1.442E-16	1.906E-22	8.00E-11	
CURIES		2.680E-08	1.855E-07			3.000E-08	4.000E-08	2.823E-07			
% OF TOTAL		0.022	0.048			0.004	0.020				
CS-134	7.537E+02										
CONCEN (UC/ML)		1.277E-15	1.097E-14	6.409E-15	1.469E-14	2.296E-16	8.216E-15	7.057E-15	9.329E-21	2.00E-10	
CURIES		4.380E-07	4.091E-06	2.140E-06	4.680E-06	6.830E-08	2.400E-06	1.382E-05			
% OF TOTAL		0.357	1.048	0.698	0.003	0.010	1.192	0.009			
CS-137	1.101E+04										
CONCEN (UC/ML)		1.787E-13	6.538E-13	7.763E-13	1.087E-12	8.150E-14	5.388E-13	5.578E-13	7.374E-19	4.00E-10	
CURIES		6.130E-05	2.439E-04	2.592E-04	3.462E-04	2.425E-05	1.574E-04	1.092E-03			
% OF TOTAL		49.974	62.481	84.556	0.236	3.395	78.201	0.737			
EU-154	3.103E+03										
CONCEN (UC/ML)			4.665E-16					8.887E-17	1.175E-22	5.00E-11	
CURIES			1.740E-07					1.740E-07			
% OF TOTAL			0.045								
H-3	4.490E+03										
CONCEN (UC/ML)					4.584E-10			7.457E-11	9.858E-17	1.00E-07	
CURIES					1.460E-01			1.460E-01			
% OF TOTAL					99.641			98.475			
I-129	5.840E+09										
CONCEN (UC/ML)						2.057E-13		3.126E-14	4.132E-20	7.00E-11	
CURIES						6.120E-05		6.120E-05			
% OF TOTAL						8.569		0.041			
RU-106	3.726E+02										
CONCEN (UC/ML)		1.023E-13	1.496E-13	7.607E-14	2.562E-13	4.269E-15	3.314E-14	1.067E-13	1.410E-19	3.00E-11	
CURIES		3.510E-05	5.580E-05	2.540E-05	8.160E-05	1.270E-06	9.680E-06	2.089E-04			
% OF TOTAL		28.615	14.296	8.286	0.056	0.178	4.810	0.141			

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SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 2 RPT. 210
CPP-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
SB-125	1.007E+03										
CONCEN (UC/ML)		2.216E-14	2.941E-14	8.691E-15	2.942E-14	1.096E-14	1.619E-14	1.983E-14	2.622E-20	1.00E-09	
CURIES		7.600E-06	1.097E-05	2.902E-06	9.370E-06	3.260E-06	4.730E-06	3.883E-05			
% OF TOTAL		6.196	2.810	0.947	0.006	0.456	2.350	0.026			
SR-90	1.059E+04										
CONCEN (UC/ML)		5.306E-14	2.017E-13	5.061E-14	2.639E-13		9.209E-14	1.130E-13	1.494E-19	9.00E-12	
CURIES		1.820E-05	7.523E-05	1.690E-05	8.404E-05		2.690E-05	2.213E-04			
% OF TOTAL		14.837	19.273	5.513	0.057		13.366	0.149			
TOTAL-PU											
CONCEN (UC/ML)					1.394E-15	2.992E-16	2.787E-16	3.138E-16	4.149E-22		
CURIES					4.441E-07	8.900E-08	8.140E-08	6.145E-07			
% OF TOTAL						0.012	0.040				
TOTALS											
ALPHA CURIES					4.441E-07	8.900E-08	8.140E-08	6.145E-07			
% OF TOTAL						0.012	0.040				
B+G CURIES		1.227E-04	3.903E-04	3.065E-04	1.465E-01	7.141E-04	2.012E-04	1.483E-01			
% OF TOTAL		100.000	100.000	100.000	100.000	99.988	99.960	99.999			
VOLUME (CU. METERS)		3.430E+08	3.730E+08	3.339E+08	3.185E+08	2.975E+08	2.921E+08	1.958E+09			
GRAND TOTALS (CURIES)		1.227E-04	3.903E-04	3.065E-04	1.465E-01	7.142E-04	2.013E-04	1.483E-01			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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CPP-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
CS-137	1.101E+04									
CONCEN (UC/ML)		1.467E-09	8.018E-11	1.347E-09	1.307E-09	8.681E-09		2.056E-09	3.00E-06	0.07
CURIES		3.080E-04	1.780E-05	2.680E-04	2.850E-04	1.580E-03		2.459E-03		
% OF TOTAL		30.435	3.421	31.149	29.920	0.715		1.094		
H-3	4.490E+03									
CONCEN (UC/ML)						1.198E-06		1.823E-07	2.00E-03	0.01
CURIES						2.180E-01		2.180E-01		
% OF TOTAL						98.677		96.978		
SB-125	1.007E+03									
CONCEN (UC/ML)				3.588E-10				5.970E-11	5.00E-05	
CURIES				7.140E-05				7.140E-05		
% OF TOTAL				8.299				0.032		
SR-90	1.059E+04									
CONCEN (UC/ML)		1.190E-09		7.990E-10	8.991E-10	5.198E-09	1.303E-09	1.477E-09	1.00E-06	0.15
CURIES		2.500E-04		1.590E-04	1.960E-04	9.460E-04	2.150E-04	1.766E-03		
% OF TOTAL		24.704		18.480	20.577	0.428	40.982	0.786		
TOTAL-PU										
CONCEN (UC/ML)		1.143E-10	2.500E-11	2.000E-11	3.000E-11	4.000E-11	2.800E-11	4.345E-11		
CURIES		2.400E-05	5.550E-06	3.980E-06	6.540E-06	7.280E-06	4.620E-06	5.197E-05		
% OF TOTAL		2.372	1.067	0.463	0.687	0.003	0.881	0.023		
TOTAL-U										
CONCEN (UC/ML)		2.048E-09	2.239E-09	1.799E-09	2.133E-09	2.137E-09	1.848E-09	2.043E-09		
CURIES		4.300E-04	4.970E-04	3.580E-04	4.650E-04	3.890E-04	3.050E-04	2.444E-03		
% OF TOTAL		42.490	95.513	41.610	48.817	0.176	58.137	1.087		
TOTALS										
ALPHA CURIES		2.400E-05	5.550E-06	3.980E-06	6.540E-06	7.280E-06	4.620E-06	5.197E-05		
% OF TOTAL		2.372	1.067	0.463	0.687	0.003	0.881	0.023		
B+G CURIES		9.880E-04	5.148E-04	8.564E-04	9.460E-04	2.209E-01	5.200E-04	2.247E-01		
% OF TOTAL		97.628	98.933	99.537	99.313	99.997	99.119	99.977		
VOLUME (LITERS)		2.100E+08	2.220E+08	1.990E+08	2.180E+08	1.820E+08	1.650E+08	1.196E+09		
GRAND TOTALS (CURIES)		1.012E-03	5.203E-04	8.604E-04	9.525E-04	2.209E-01	5.246E-04	2.248E-01		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
CE-144	2.844E+02							
CURIES		8.747E-02	3.286E-01					4.161E-01
% OF TOTAL		19.700	19.700					19.700
CS-137	1.101E+04							
CURIES		4.440E-02	1.668E-01					2.112E-01
% OF TOTAL		10.000	10.000					10.000
NB-95	3.498E+01							
CURIES		1.376E-02	5.171E-02					6.547E-02
% OF TOTAL		3.100	3.100					3.100
PR-144	1.200E-02							
CURIES		8.747E-02	3.286E-01					4.161E-01
% OF TOTAL		19.700	19.700					19.700
RH-106	3.441E-04							
CURIES		4.440E-02	1.668E-01					2.112E-01
% OF TOTAL		10.000	10.000					10.000
RU-106	3.726E+02							
CURIES		4.440E-02	1.668E-01					2.112E-01
% OF TOTAL		10.000	10.000					10.000
SB-125	1.007E+03							
CURIES		1.954E-02	7.339E-02					9.293E-02
% OF TOTAL		4.400	4.400					4.400
SR-90	1.059E+04							
CURIES		4.440E-02	1.668E-01					2.112E-01
% OF TOTAL		10.000	10.000					10.000
Y-90	2.667E+00							
CURIES		4.440E-02	1.668E-01					2.112E-01
% OF TOTAL		10.000	10.000					10.000
ZR-95	6.403E+01							
CURIES		1.376E-02	5.171E-02					6.547E-02
% OF TOTAL		3.100	3.100					3.100

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SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		4.440E-01	1.668E+00					2.112E+00
% OF TOTAL		100.000	100.000					99.997
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		7.432E+01	5.438E+01					1.287E+02
WEIGHT (KILOGRAMS)		5.337E+04	2.161E+04					7.498E+04

GRAND TOTALS (CURIES)		4.440E-01	1.668E+00					2.112E+00

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SCHED. NO. P61PM009-M

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP SOLID WASTE SUMMARY
WASTE SENT TO MERF FOR METALLIC PROCESSING
FROM JAN THROUGH JUN 1992

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CPP-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
CE-144	2.844E+02							
CURIES		5.910E-03						5.910E-03
% OF TOTAL		19.700						19.700
CS-137	1.101E+04							
CURIES		3.000E-03						3.000E-03
% OF TOTAL		10.000						10.000
NB-95	3.498E+01							
CURIES		9.300E-04						9.300E-04
% OF TOTAL		3.100						3.100
PR-144	1.200E-02							
CURIES		5.910E-03						5.910E-03
% OF TOTAL		19.700						19.700
RH-106	3.441E-04							
CURIES		3.000E-03						3.000E-03
% OF TOTAL		10.000						10.000
RU-106	3.726E+02							
CURIES		3.000E-03						3.000E-03
% OF TOTAL		10.000						10.000
SB-125	1.007E+03							
CURIES		1.320E-03						1.320E-03
% OF TOTAL		4.400						4.400
SR-90	1.059E+04							
CURIES		3.000E-03						3.000E-03
% OF TOTAL		10.000						10.000
Y-90	2.667E+00							
CURIES		3.000E-03						3.000E-03
% OF TOTAL		10.000						10.000
ZR-95	6.403E+01							
CURIES		9.300E-04						9.300E-04
% OF TOTAL		3.100						3.100
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		3.000E-02						3.000E-02
% OF TOTAL		100.000						100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		3.625E+00						3.625E+00
WEIGHT (KILOGRAMS)		6.350E+02						6.350E+02
GRAND TOTALS (CURIES)		3.000E-02						3.000E-02

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
CE-144	2.844E+02							
CURIES		2.600E-02						2.600E-02
% OF TOTAL		19.700						19.700
CS-137	1.101E+04							
CURIES		1.320E-02						1.320E-02
% OF TOTAL		10.000						10.000
NB-95	3.498E+01							
CURIES		4.092E-03						4.092E-03
% OF TOTAL		3.100						3.100
PR-144	1.200E-02							
CURIES		2.600E-02						2.600E-02
% OF TOTAL		19.700						19.700
RH-106	3.441E-04							
CURIES		1.320E-02						1.320E-02
% OF TOTAL		10.000						10.000
RU-106	3.726E+02							
CURIES		1.320E-02						1.320E-02
% OF TOTAL		10.000						10.000
SB-125	1.007E+03							
CURIES		5.808E-03						5.808E-03
% OF TOTAL		4.400						4.400
SR-90	1.059E+04							
CURIES		1.320E-02						1.320E-02
% OF TOTAL		10.000						10.000
Y-90	2.667E+00							
CURIES		1.320E-02						1.320E-02
% OF TOTAL		10.000						10.000
ZR-95	6.403E+01							
CURIES		4.092E-03						4.092E-03
% OF TOTAL		3.100						3.100
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		1.320E-01						1.320E-01
% OF TOTAL		100.000						99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		6.230E+01						6.230E+01
WEIGHT (KILOGRAMS)		6.832E+03						6.832E+03
GRAND TOTALS (CURIES)		1.320E-01						1.320E-01

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**CPP Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP FAST STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CO-60	1.924E+03										
CONCEN (UC/ML)				2.934E-14				2.565E-15	3.391E-21	8.00E-11	
CURIES				3.110E-06				3.189E-06			
UNCERT(CURIES)				7.240E-08							
UNCERT(UC/ML)											
% OF TOTAL				38.324							
CS-134	7.537E+02										
CONCEN (UC/ML)								3.265E-17	4.317E-23	2.00E-10	
CURIES								4.060E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
CS-137	1.101E+04										
CONCEN (UC/ML)		4.548E-15	6.442E-15	9.906E-15	5.886E-15	4.327E-15	7.566E-15	7.216E-15	9.540E-21	4.00E-10	
CURIES		4.730E-07	7.280E-07	1.050E-06	6.180E-07	4.630E-07	8.020E-07	8.972E-06			
UNCERT(CURIES)		3.070E-08	3.450E-08	4.020E-08	2.960E-08	3.000E-08	3.620E-08				
UNCERT(UC/ML)											
% OF TOTAL		3.050	12.277	12.939	4.883	7.480					
H-3	4.490E+03										
CONCEN (UC/ML)								1.174E-10	1.552E-16	1.00E-07	
CURIES								1.460E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								0.001			
KR-85	3.913E+03										
CONCEN (UC/ML)								9.434E-05	8.042E-06	1.063E-11	3.00E-06
CURIES								1.000E+04	1.000E+04		
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL							100.000	99.999			
MN-54	3.122E+02										
CONCEN (UC/ML)				1.868E-16				1.592E-17	2.105E-23	2.00E-09	
CURIES				1.980E-08				1.980E-08			
UNCERT(CURIES)				8.180E-09							
UNCERT(UC/ML)											
% OF TOTAL				0.244							
SB-125	1.007E+03										
CONCEN (UC/ML)		1.442E-13	4.575E-14	3.670E-14	1.143E-13	5.308E-14	2.245E-14	5.373E-14	7.104E-20	1.00E-09	
CURIES		1.500E-05	5.170E-06	3.890E-06	1.200E-05	5.680E-06	2.380E-06	6.681E-05			
UNCERT(CURIES)		2.770E-07	1.900E-07	1.440E-07	2.900E-07	1.540E-07	1.200E-07				
UNCERT(UC/ML)											
% OF TOTAL		96.737	87.187	47.936	94.815	91.758					

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP FAST STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTAL-PU											
CONCEN (UC/ML)		3.173E-16	2.814E-16	4.264E-16	3.638E-16	4.411E-16		2.315E-16	3.061E-22		
CURIES		3.300E-08	3.180E-08	4.520E-08	3.820E-08	4.720E-08		2.879E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.213	0.536	0.557	0.302	0.762					
TOTALS											
ALPHA CURIES		3.300E-08	3.180E-08	4.520E-08	3.820E-08	4.720E-08		2.879E-07			
% OF TOTAL		0.213	0.536	0.557	0.302	0.762					
B+G CURIES		1.547E-05	5.898E-06	8.070E-06	1.262E-05	6.143E-06	1.000E+04	1.000E+04			
% OF TOTAL		99.787	99.464	99.443	99.698	99.238	100.000	100.000			
VOLUME (CU. METERS)		1.040E+08	1.130E+08	1.060E+08	1.050E+08	1.070E+08	1.060E+08	1.243E+09			
GRAND TOTALS (CURIES)		1.551E-05	5.930E-06	8.115E-06	1.266E-05	6.190E-06	1.000E+04	1.000E+04			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP MAIN STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
C-14	2.092E+06										
CONCEN (UC/ML)								4.922E-13	4.181E-19	6.00E-09	
CURIES								6.240E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
CO-57	2.718E+02										
CONCEN (UC/ML)								3.226E-17	2.741E-23	2.00E-09	
CURIES								4.090E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
CO-60	1.924E+03										
CONCEN (UC/ML)				1.747E-15		3.967E-16	1.944E-16	3.479E-16	2.956E-22	8.00E-11	
CURIES				1.660E-07		4.800E-08	2.430E-08	4.411E-07			
UNCERT(CURIES)				1.350E-08		8.800E-09	7.060E-09				
UNCERT(UC/ML)											
% OF TOTAL				0.035		0.018					
CS-134	7.537E+02										
CONCEN (UC/ML)		1.027E-14	1.352E-14	5.200E-14	1.216E-14	1.083E-14	1.344E-14	1.979E-14	1.681E-20	2.00E-10	
CURIES		8.000E-07	1.060E-06	4.940E-06	1.520E-06	1.310E-06	1.680E-06	2.509E-05			
UNCERT(CURIES)		3.420E-08	8.320E-08	9.680E-08	3.960E-08	2.570E-08	1.160E-07				
UNCERT(UC/ML)											
% OF TOTAL		0.913	1.049	1.033	0.692	0.493					
CS-137	1.101E+04										
CONCEN (UC/ML)		7.908E-13	9.923E-13	3.526E-12	1.120E-12	1.595E-12	1.488E-12	1.641E-12	1.394E-18	4.00E-10	
CURIES		6.160E-05	7.780E-05	3.350E-04	1.400E-04	1.930E-04	1.860E-04	2.080E-03			
UNCERT(CURIES)		2.230E-06	2.420E-06	5.290E-06	1.350E-06	1.770E-06	5.380E-06				
UNCERT(UC/ML)											
% OF TOTAL		70.304	76.964	70.028	63.759	72.592					
EU-154	3.103E+03										
CONCEN (UC/ML)				5.621E-15	4.784E-16	1.174E-15		7.176E-16	6.097E-22	5.00E-11	
CURIES				5.340E-07	5.980E-08	1.420E-07		9.098E-07			
UNCERT(CURIES)				3.590E-08	1.120E-08	2.360E-08					
UNCERT(UC/ML)											
% OF TOTAL				0.112	0.027	0.053					
H-3	4.490E+03										
CONCEN (UC/ML)								2.934E-18	2.493E-24	1.00E-07	
CURIES								3.720E-09			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											

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SCHED. NO. P61PM009-0

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP MAIN STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
I-129	5.840E+09										
CONCEN (UC/ML)								4.827E-14	4.101E-20	7.00E-11	
CURIES								6.120E-05			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
KR-85	3.913E+03										
CONCEN (UC/ML)								8.000E-05	7.887E-06	6.701E-12	3.00E-06
CURIES								1.000E+04	1.000E+04		
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								100.000	100.000		
RU-106	3.726E+02										
CONCEN (UC/ML)		1.361E-13	5.574E-14	1.116E-12	1.104E-13	2.446E-13	1.744E-13	3.116E-13	2.647E-19	3.00E-11	
CURIES		1.060E-05	4.370E-06	1.060E-04	1.380E-05	2.960E-05	2.180E-05	3.950E-04			
UNCERT(CURIES)		1.030E-06	5.400E-07	2.860E-06	5.600E-07	8.240E-07	2.160E-06				
UNCERT(UC/ML)											
% OF TOTAL		12.098	4.323	22.158	6.285	11.133					
SB-125	1.007E+03										
CONCEN (UC/ML)		1.309E-14	1.531E-14	2.032E-13	2.608E-14	1.339E-14	2.408E-14	3.593E-14	3.052E-20	1.00E-09	
CURIES		1.020E-06	1.200E-06	1.930E-05	3.260E-06	1.620E-06	3.010E-06	4.555E-05			
UNCERT(CURIES)		1.370E-07	9.920E-08	3.400E-07	1.220E-07	1.190E-07	1.550E-07				
UNCERT(UC/ML)											
% OF TOTAL		1.164	1.187	4.034	1.485	0.609					
SR-90	1.059E+04										
CONCEN (UC/ML)		1.746E-13	2.117E-13	1.305E-13	4.872E-13	3.314E-13	1.936E-13	3.068E-13	2.607E-19	9.00E-12	
CURIES		1.360E-05	1.660E-05	1.240E-05	6.090E-05	4.010E-05	2.420E-05	3.890E-04			
UNCERT(CURIES)		3.500E-06	3.700E-10	3.490E-06	5.100E-06	6.560E-06	5.760E-06				
UNCERT(UC/ML)											
% OF TOTAL		15.522	16.422	2.592	27.735	15.083					
TOTAL-PU											
CONCEN (UC/ML)			7.207E-16	4.537E-16	2.952E-16	4.033E-16	3.144E-14	3.655E-15	3.105E-21		
CURIES			5.650E-08	4.310E-08	3.690E-08	4.880E-08	3.930E-06	4.634E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			0.056	0.009	0.017	0.018					

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP MAIN STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES			5.650E-08	4.310E-08	3.690E-08	4.880E-08	3.930E-06	4.634E-06		
% OF TOTAL			0.056	0.009	0.017	0.018				
B+G CURIES		8.762E-05	1.010E-04	4.783E-04	2.195E-04	2.658E-04	1.000E+04	1.000E+04		
% OF TOTAL		100.000	99.944	99.991	99.983	99.982	100.000	100.000		
VOLUME (CU. METERS)		7.790E+07	7.840E+07	9.500E+07	1.250E+08	1.210E+08	1.250E+08	1.268E+09		
GRAND TOTALS (CURIES)		8.762E-05	1.011E-04	4.784E-04	2.196E-04	2.659E-04	1.000E+04	1.000E+04		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP NWC STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CS-137	1.101E+04										
CONCEN (UC/ML)								1.827E-16	1.992E-22	4.00E-10	
CURIES								2.080E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								66.969			
SR-90	1.059E+04										
CONCEN (UC/ML)					3.608E-16			8.742E-17	9.528E-23	9.00E-12	
CURIES					3.330E-08			9.950E-08			
UNCERT(CURIES)					7.980E-09						
UNCERT(UC/ML)											
% OF TOTAL					100.000			32.036			
TOTAL-PU											
CONCEN (UC/ML)								2.715E-18	2.959E-24		
CURIES								3.090E-09			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								0.995			
TOTALS											
ALPHA CURIES								3.090E-09			
% OF TOTAL								0.995			
B+G CURIES					3.330E-08			3.075E-07			
% OF TOTAL					100.000			99.005			
VOLUME (CU. METERS)		8.810E+07	1.050E+08	7.980E+07	9.230E+07	8.860E+07	9.730E+07	1.138E+09			
GRAND TOTALS (CURIES)					3.330E-08			3.106E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP RAL STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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CPP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CS-137	1.101E+04										
CONCEN (UC/ML)						5.529E-15		1.437E-15	2.931E-22	4.00E-10	
CURIES						1.150E-07		3.533E-07			
UNCERT(CURIES)						2.500E-08					
UNCERT(UC/ML)											
% OF TOTAL						100.000		100.000			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES						1.150E-07		3.533E-07			
% OF TOTAL						100.000		100.000			
VOLUME (CU. METERS)		2.020E+07	2.080E+07	2.080E+07	2.020E+07	2.080E+07	2.020E+07	2.459E+08			
GRAND TOTALS (CURIES)						1.150E-07		3.533E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP LIQUID WASTE TO INFILTRATION POND
FOR JAN THROUGH DEC 1992

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CPP-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
CS-137	1.101E+04									
CONCEN (UC/ML)		1.267E-10	1.107E-10	8.995E-11		9.641E-11		1.046E-09	3.00E-06	0.03
CURIES		2.280E-05	2.270E-05	1.970E-05		2.150E-05		2.545E-03		
UNCERT(CURIES)		1.000E-05	8.770E-06	9.680E-06		1.010E-05				
UNCERT(UC/ML)										
% OF TOTAL		5.464	3.217	3.491		3.654		1.116		
H-3	4.490E+03									
CONCEN (UC/ML)								8.960E-08	2.00E-03	
CURIES								2.180E-01		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								95.586		
RU-106	3.726E+02									
CONCEN (UC/ML)					1.333E-09			1.134E-10	6.00E-06	
CURIES					2.760E-04			2.760E-04		
UNCERT(CURIES)					1.180E-04					
UNCERT(UC/ML)										
% OF TOTAL					32.160			0.121		
SB-125	1.007E+03									
CONCEN (UC/ML)								2.935E-11	5.00E-05	
CURIES								7.140E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.031		
SR-90	1.059E+04									
CONCEN (UC/ML)			8.000E-10				6.995E-10	8.516E-10	1.00E-06	0.09
CURIES			1.640E-04				1.420E-04	2.072E-03		
UNCERT(CURIES)			6.150E-05				4.060E-05			
UNCERT(UC/ML)										
% OF TOTAL			23.239				100.000	0.909		
TOTAL-PU										
CONCEN (UC/ML)		6.389E-11		3.000E-11	3.000E-11	4.000E-11		3.501E-11		
CURIES		1.150E-05		6.570E-06	6.210E-06	8.920E-06		8.517E-05		
UNCERT(CURIES)		2.100E-06		1.750E-06	2.070E-06	2.230E-06				
UNCERT(UC/ML)										
% OF TOTAL		2.756		1.164	0.724	1.516		0.037		
TOTAL-U										
CONCEN (UC/ML)		2.128E-09	2.532E-09	2.457E-09	2.783E-09	2.502E-09		2.062E-09		
CURIES		3.830E-04	5.190E-04	5.380E-04	5.760E-04	5.580E-04		5.018E-03		
UNCERT(CURIES)		4.030E-05	7.390E-05	4.920E-05	8.800E-05	8.040E-05				
UNCERT(UC/ML)										
% OF TOTAL		91.781	73.544	95.344	67.116	94.830		2.200		

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SCHED. NO. P61PM009-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CPP LIQUID WASTE TO INFILTRATION POND
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
TOTALS										
ALPHA CURIES		1.150E-05		6.570E-06	6.210E-06	8.920E-06		8.517E-05		
% OF TOTAL		2.756		1.164	0.724	1.516		0.037		
B+G CURIES		4.058E-04	7.057E-04	5.577E-04	8.520E-04	5.795E-04	1.420E-04	2.280E-01		
% OF TOTAL		97.244	100.000	98.836	99.276	98.484	100.000	99.962		
VOLUME (LITERS)		1.800E+08	2.050E+08	2.190E+08	2.070E+08	2.230E+08	2.030E+08	2.433E+09		
GRAND TOTALS (CURIES)		4.173E-04	7.057E-04	5.643E-04	8.582E-04	5.884E-04	1.420E-04	2.281E-01		

* NOTE: DCG values obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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**CPP Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP FAST STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CO-60	1.924E+03										
CONCEN (UC/ML)			5.677E-16			2.913E-16		1.320E-16	1.745E-22	8.00E-11	
CURIES			4.950E-08			3.000E-08		7.950E-08			
UNCERT(CURIES)			1.240E-08			7.480E-09					
UNCERT(UC/ML)											
% OF TOTAL			0.635			0.885					
CS-134	7.537E+02										
CONCEN (UC/ML)			4.656E-16					6.740E-17	8.910E-23	2.00E-10	
CURIES			4.060E-08					4.060E-08			
UNCERT(CURIES)			1.660E-08								
UNCERT(UC/ML)											
% OF TOTAL			0.521								
CS-137	1.101E+04										
CONCEN (UC/ML)		1.794E-14	1.915E-14	1.093E-14	3.248E-16	4.544E-16	2.953E-15	8.032E-15	1.062E-20	4.00E-10	
CURIES		1.600E-06	1.670E-06	1.170E-06	3.540E-08	4.680E-08	3.160E-07	4.838E-06			
UNCERT(CURIES)		5.100E-08	5.450E-08	4.880E-08	1.140E-08	1.360E-08	2.210E-08				
UNCERT(UC/ML)											
% OF TOTAL		25.397	21.410	37.987		1.381	8.713	0.003			
H-3	4.490E+03										
CONCEN (UC/ML)					1.339E-09			2.424E-10	3.204E-16	1.00E-07	
CURIES					1.460E-01			1.460E-01			
UNCERT(CURIES)					1.050E-02						
UNCERT(UC/ML)											
% OF TOTAL					99.998			99.981			
SB-125	1.007E+03										
CONCEN (UC/ML)		5.269E-14	6.927E-14	1.785E-14	3.220E-14	3.165E-14	3.056E-14	3.767E-14	4.980E-20	1.00E-09	
CURIES		4.700E-06	6.040E-06	1.910E-06	3.510E-06	3.260E-06	3.270E-06	2.269E-05			
UNCERT(CURIES)		2.010E-07	2.410E-07	1.500E-07	1.170E-07	1.170E-07	1.640E-07				
UNCERT(UC/ML)											
% OF TOTAL		74.603	77.435	62.013	0.002	96.202	90.167	0.016			
TOTAL-PU											
CONCEN (UC/ML)						5.039E-16	3.794E-16	1.536E-16	2.030E-22		
CURIES						5.190E-08	4.060E-08	9.250E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						1.532	1.120				

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP FAST STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES						5.190E-08	4.060E-08	9.250E-08		
% OF TOTAL						1.532	1.120			
B+G CURIES		6.300E-06	7.800E-06	3.080E-06	1.460E-01	3.337E-06	3.586E-06	1.460E-01		
% OF TOTAL		100.000	100.000	100.000	100.000	98.468	98.880	100.000		
VOLUME (CU. METERS)		8.920E+07	8.720E+07	1.070E+08	1.090E+08	1.030E+08	1.070E+08	6.024E+08		
GRAND TOTALS (CURIES)		6.300E-06	7.800E-06	3.080E-06	1.460E-01	3.389E-06	3.627E-06	1.460E-01		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP MAIN STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
C-14	2.092E+06										
CONCEN (UC/ML)				9.597E-18		7.859E-12		9.665E-13	8.212E-19	6.00E-09	
CURIES				1.190E-09		6.240E-04		6.240E-04			
UNCERT(CURIES)				1.080E-09		1.040E-04					
UNCERT(UC/ML)											
% OF TOTAL						87.791		27.944			
CO-57	2.718E+02										
CONCEN (UC/ML)							5.164E-16	6.335E-17	5.382E-23	2.00E-09	
CURIES							4.090E-08	4.090E-08			
UNCERT(CURIES)							5.580E-09				
UNCERT(UC/ML)											
% OF TOTAL							0.021	0.002			
CO-60	1.924E+03										
CONCEN (UC/ML)		2.161E-16	1.015E-15				5.051E-16	3.141E-16	2.669E-22	8.00E-11	
CURIES		2.680E-08	1.360E-07				4.000E-08	2.028E-07			
UNCERT(CURIES)		8.360E-09	1.720E-08				7.780E-09				
UNCERT(UC/ML)											
% OF TOTAL		0.023	0.036				0.020	0.009			
CS-134	7.537E+02										
CONCEN (UC/ML)		3.532E-15	3.022E-14	1.726E-14	4.457E-14	8.602E-16	3.030E-14	2.134E-14	1.813E-20	2.00E-10	
CURIES		4.380E-07	4.050E-06	2.140E-06	4.680E-06	6.830E-08	2.400E-06	1.378E-05			
UNCERT(CURIES)		3.080E-08	8.480E-08	6.400E-08	1.090E-07	7.890E-09	5.030E-08				
UNCERT(UC/ML)											
% OF TOTAL		0.376	1.059	0.705	0.896	0.010	1.215	0.617			
CS-137	1.101E+04										
CONCEN (UC/ML)		4.815E-13	1.806E-12	2.081E-12	3.295E-12	3.048E-13	1.982E-12	1.684E-12	1.430E-18	4.00E-10	
CURIES		5.970E-05	2.420E-04	2.580E-04	3.460E-04	2.420E-05	1.570E-04	1.087E-03			
UNCERT(CURIES)		4.900E-07	3.290E-06	3.100E-06	6.520E-06	1.490E-07	1.720E-06				
UNCERT(UC/ML)											
% OF TOTAL		51.304	63.303	85.027	66.209	3.405	79.469	48.674			
EU-154	3.103E+03										
CONCEN (UC/ML)			1.299E-15					2.695E-16	2.290E-22	5.00E-11	
CURIES			1.740E-07					1.740E-07			
UNCERT(CURIES)			5.090E-08								
UNCERT(UC/ML)											
% OF TOTAL			0.046					0.008			
H-3	4.490E+03										
CONCEN (UC/ML)					3.543E-17			5.762E-18	4.896E-24	1.00E-07	
CURIES					3.720E-09			3.720E-09			
UNCERT(CURIES)					3.720E-10						
UNCERT(UC/ML)											
% OF TOTAL					0.001						

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP MAIN STACK AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
I-129	5.840E+09										
CONCEN (UC/ML)						7.708E-13		9.480E-14	8.054E-20	7.00E-11	
CURIES						6.120E-05		6.120E-05			
UNCERT(CURIES)						1.450E-05					
UNCERT(UC/ML)											
% OF TOTAL						8.610		2.741			
RU-106	3.726E+02										
CONCEN (UC/ML)		2.831E-13	4.164E-13	2.048E-13	7.771E-13	1.599E-14	1.222E-13	3.235E-13	2.748E-19	3.00E-11	
CURIES		3.510E-05	5.580E-05	2.540E-05	8.160E-05	1.270E-06	9.680E-06	2.089E-04			
UNCERT(CURIES)		9.180E-07	1.440E-06	7.410E-07	3.800E-06	1.300E-07	4.600E-07				
UNCERT(UC/ML)											
% OF TOTAL		30.164	14.596	8.371	15.615	0.179	4.900	9.353			
SB-125	007E+03										
CONCEN (UC/ML)		2.339E-14	3.679E-14	8.000E-15	5.581E-14		1.843E-14	2.500E-14	2.124E-20	1.00E-09	
CURIES		2.900E-06	4.930E-06	9.920E-07	5.860E-06		1.460E-06	1.614E-05			
UNCERT(CURIES)		1.880E-07	1.590E-07	9.440E-08	4.250E-07		7.420E-08				
UNCERT(UC/ML)											
% OF TOTAL		2.492	1.290	0.327	1.121		0.739	0.723			
SR-90	1.059E+04										
CONCEN (UC/ML)		1.468E-13	5.612E-13	1.363E-13	8.000E-13		3.396E-13	3.426E-13	2.911E-19	9.00E-12	
CURIES		1.820E-05	7.520E-05	1.690E-05	8.400E-05		2.690E-05	2.212E-04			
UNCERT(CURIES)		2.110E-06	7.900E-06	3.700E-06	5.930E-06		5.660E-06				
UNCERT(UC/ML)											
% OF TOTAL		15.640	19.671	5.570	16.074		13.616	9.906			
TOTAL-PU											
CONCEN (UC/ML)					4.200E-15	4.673E-16	5.152E-16	8.037E-16	6.829E-22		
CURIES					4.410E-07	3.710E-08	4.080E-08	5.189E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL					0.084	0.005	0.021	0.023			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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CPP MAIN STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES					4.410E-07	3.710E-08	4.080E-08	5.189E-07		
% OF TOTAL					0.084	0.005	0.021	0.023		
B+G CURIES		1.164E-04	3.823E-04	3.034E-04	5.221E-04	7.107E-04	1.975E-04	2.232E-03		
% OF TOTAL		100.000	100.000	100.000	99.916	99.995	99.979	99.977		
VOLUME (CU. METERS)		1.240E+08	1.340E+08	1.240E+08	1.050E+08	7.940E+07	7.920E+07	6.456E+08		
GRAND TOTALS (CURIES)		1.164E-04	3.823E-04	3.034E-04	5.226E-04	7.108E-04	1.976E-04	2.233E-03		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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CPP NNCF STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CS-137	1.101E+04										
CONCEN (UC/ML)			1.588E-15					3.543E-16	3.861E-22	4.00E-10	
CURIES			2.080E-07					2.080E-07			
UNCERT(CURIES)			7.000E-08								
UNCERT(UC/ML)											
% OF TOTAL			88.624					75.012			
SR-90	1.059E+04										
CONCEN (UC/ML)			2.038E-16		4.719E-16			1.128E-16	1.229E-22	9.00E-12	
CURIES			2.670E-08		3.950E-08			6.620E-08			
UNCERT(CURIES)			6.300E-09		8.820E-09						
UNCERT(UC/ML)											
% OF TOTAL			11.376		92.745			23.874			
TOTAL-PU											
CONCEN (UC/ML)					3.692E-17			5.263E-18	5.736E-24		
CURIES					3.090E-09			3.090E-09			
UNCERT(CURIES)					4.650E-10						
UNCERT(UC/ML)											
% OF TOTAL					7.255			1.114			
TOTALS											
ALPHA CURIES					3.090E-09			3.090E-09			
% OF TOTAL					7.255			1.114			
B+G CURIES			2.347E-07		3.950E-08			2.742E-07			
% OF TOTAL			100.000		92.745			98.886			
VOLUME (CU. METERS)		1.090E+08	1.310E+08	8.340E+07	8.370E+07	9.490E+07	8.510E+07	5.871E+08			
GRAND TOTALS (CURIES)			2.347E-07		4.259E-08			2.773E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP RAL STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CS-137	1.101E+04										
CONCEN (UC/ML)				1.723E-15	6.442E-15		3.399E-15	1.939E-15	3.955E-22	4.00E-10	
CURIES				3.360E-08	1.340E-07		7.070E-08	2.383E-07			
UNCERT(CURIES)				1.400E-08	2.030E-08		1.950E-08				
UNCERT(UC/ML)											
% OF TOTAL				100.000	100.000		100.000	100.000			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES				3.360E-08	1.340E-07		7.070E-08	2.383E-07			
% OF TOTAL				100.000	100.000		100.000	100.000			
VOLUME (CU. METERS)		2.080E+07	2.080E+07	1.950E+07	2.080E+07	2.020E+07	2.080E+07	1.229E+08			
GRAND TOTALS (CURIES)				3.360E-08	1.340E-07		7.070E-08	2.383E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP LIQUID WASTE TO INFILTRATION POND
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
CS-137	1.101E+04									
CONCEN (UC/ML)		1.467E-09	8.018E-11	1.347E-09	1.307E-09	8.681E-09		2.056E-09	3.00E-06	0.07
CURIES		3.080E-04	1.780E-05	2.680E-04	2.850E-04	1.580E-03		2.459E-03		
UNCERT(CURIES)		5.270E+00	8.040E-06	2.380E-05	2.350E-05	5.480E-05				
UNCERT(UC/ML)										
% OF TOTAL		30.435	3.421	31.149	29.920	0.715		1.094		
H-3	4.490E+03									
CONCEN (UC/ML)						1.198E-06		1.823E-07	2.00E-03	0.01
CURIES						2.180E-01		2.180E-01		
UNCERT(CURIES)						5.460E-02				
UNCERT(UC/ML)										
% OF TOTAL						98.677		96.978		
SB-125	1.007E+03									
CONCEN (UC/ML)				3.588E-10				5.970E-11	5.00E-05	
CURIES				7.140E-05				7.140E-05		
UNCERT(CURIES)				2.770E-05						
UNCERT(UC/ML)										
% OF TOTAL				8.299				0.032		
SR-90	1.059E+04									
CONCEN (UC/ML)		1.190E-09		7.990E-10	8.991E-10	5.198E-09	1.303E-09	1.477E-09	1.00E-06	0.15
CURIES		2.500E-04		1.590E-04	1.960E-04	9.460E-04	2.150E-04	1.766E-03		
UNCERT(CURIES)		4.200E-05		4.000E-05	4.360E-05	7.280E-05	3.300E-05			
UNCERT(UC/ML)										
% OF TOTAL		24.704		18.480	20.577	0.428	40.982	0.786		
TOTAL-PU										
CONCEN (UC/ML)		1.143E-10	2.500E-11	2.000E-11	3.000E-11	4.000E-11	2.800E-11	4.345E-11		
CURIES		2.400E-05	5.550E-06	3.980E-06	6.540E-06	7.280E-06	4.620E-06	5.197E-05		
UNCERT(CURIES)		4.240E-06	1.330E-06	1.990E-06	2.180E-06	1.820E-06	1.490E-06			
UNCERT(UC/ML)										
% OF TOTAL		2.372	1.067	0.463	0.687	0.003	0.881	0.023		
TOTAL-U										
CONCEN (UC/ML)		2.048E-09	2.239E-09	1.799E-09	2.133E-09	2.137E-09	1.848E-09	2.043E-09		
CURIES		4.300E-04	4.970E-04	3.580E-04	4.650E-04	3.890E-04	3.050E-04	2.444E-03		
UNCERT(CURIES)		4.710E-05	4.630E-06	4.000E-05	5.000E-05	6.000E-08	7.200E-08			
UNCERT(UC/ML)										
% OF TOTAL		42.490	95.513	41.610	48.817	0.176	58.137	1.087		

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SCHED. NO. P61PM009-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

CPP LIQUID WASTE TO INFILTRATION POND
FOR JAN THROUGH JUN 1992

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CPP-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
TOTALS										
ALPHA CURIES		2.400E-05	5.550E-06	3.980E-06	6.540E-06	7.280E-06	4.620E-06	5.197E-05		
% OF TOTAL		2.372	1.067	0.463	0.687	0.003	0.881	0.023		
B+G CURIES		9.880E-04	5.148E-04	8.564E-04	9.460E-04	2.209E-01	5.200E-04	2.247E-01		
% OF TOTAL		97.628	98.933	99.537	99.313	99.997	99.119	99.977		
VOLUME (LITERS)		2.100E+08	2.220E+08	1.990E+08	2.180E+08	1.820E+08	1.650E+08	1.196E+09		

GRAND TOTALS (CURIES)		1.012E-03	5.203E-04	8.604E-04	9.525E-04	2.209E-01	5.246E-04	2.248E-01		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

CPP-49

Decontamination and Decommissioning 1992 Detail Data

Decontamination and Decommissioning (D&D) Bar Graph of Annual Data by Month	D&D-3
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Report 716—D&D Solid Waste Summary, Waste Sent To WERF For Compaction	D&D-10
D&D Detail Data for Months January to June, Annual Average Concentration and Total Curies for January to June	D&D-11
Report 713—D&D Disposed Solid Waste Summary	D&D-13

Decontamination and Decommissioning (D&D) Bar Graph of Annual Data by Month

Decontamination and Decommissioning (D+D) Monthly Details - CY-1992

**D&D Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

D+D DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT 713
D+D-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CO-60	1.924E+03							
CURIES								5.440E-05
% OF TOTAL								0.768
CS-137	1.101E+04							
CURIES				9.000E-04	3.000E-03	2.401E-03	1.435E-06	6.848E-03
% OF TOTAL				100.000	100.000	100.000	100.000	99.212
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES				9.000E-04	3.000E-03	2.401E-03	1.435E-06	6.903E-03
% OF TOTAL				100.000	100.000	100.000	100.000	100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)				2.168E+01	7.240E+01	5.000E+01	3.178E+01	1.850E+02
WEIGHT (KILOGRAMS)				1.334E+04	6.518E+04	3.223E+04	2.736E+04	1.418E+05

GRAND TOTALS (CURIES)				9.000E-04	3.000E-03	2.401E-03	1.435E-06	6.903E-03

D&D-9

SCHED. NO. P61PM009-0

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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NUCLIDES	HALF LIFE (DAYS)	D+D SOLID WASTE SUMMARY WASTE SENT TO MERF FOR COMPACTION FROM JAN THROUGH DEC 1992						ANNUAL TOTAL
		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
CS-137	1.101E+04							
CURIES					4.800E-10			4.800E-10
% OF TOTAL					100.000			100.000
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES					4.800E-10			4.800E-10
% OF TOTAL					100.000			100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)					5.424E+00			5.424E+00
WEIGHT (KILOGRAMS)					1.361E+03			1.361E+03

GRAND TOTALS (CURIES)					4.800E-10			4.800E-10

D&D-10

**D&D Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

D+D DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT 713

D+D-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
CO-60	1.924E+03							
CURIES		5.440E-05						5.440E-05
% OF TOTAL		9.067						9.067
CS-137	1.101E+04							
CURIES		5.456E-04						5.456E-04
% OF TOTAL		90.933						90.933
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		6.000E-04						6.000E-04
% OF TOTAL		100.000						100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		9.090E+00						9.090E+00
WEIGHT (KILOGRAMS)		3.651E+03						3.651E+03
GRAND TOTALS (CURIES)		6.000E-04						6.000E-04

D&D-13

Naval Reactor Facility 1992 Detail Data

Naval Reactor Facility (NRF) Bar Graphs of Annual Data by Month	NRF-3
CY-1992 Bar Graphs	NRF-5
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Annual Average Concentration and Total Curies for January to December	NRF-7
Report 301—NRF Airborne Waste Summary	NRF-9
Report 304—NRF Liquid Waste Summary	NRF-10
Report 305—NRF Disposed Solid Waste Summary	NRF-12
Report 308—NRF Solid Waste Summary, Waste Sent To WERF For Metallic Processing	NRF-16
Report 309—NRF Solid Waste Summary, WERF Incinerator Processed Waste	NRF-18
Report 313—NRF Solid Waste Summary, Waste Sent To WERF for Compaction	NRF-20
NRF Detail Data for Months January to June	
Annual Average Concentration and Total Curies for January to June	NRF-23
Report 301—NRF Airborne Waste Summary	NRF-25
Report 304—NRF Liquid Waste Summary	NRF-26
Report 305—NRF Disposed Solid Waste Summary	NRF-28
Report 308—NRF Solid Waste Summary, Waste Sent To WERF For Metallic Processing	NRF-31
Report 309—NRF Solid Waste Summary, WERF Incinerator Processed Waste	NRF-32
Report 313—NRF Solid Waste Summary, Waste Sent To WERF For Compaction	NRF-34
NRF Facility Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	NRF-35
Report 320—A1W Airborne Waste Summary	NRF-37
Report 322—A1W Disposed Solid Waste Summary	NRF-38
Report 326—A1W-RWDS Airborne Waste Summary	NRF-40
Report 330—ECF Airborne Waste Summary	NRF-41
Report 332—ECF Disposed Solid Waste Summary	NRF-42
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Report 343—Misc. Sources Airborne Waste Summary	NRF-47
Report 310—S1W Airborne Waste Summary	NRF-48
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NRF Facility Detail Data for Months January to June	
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Report 332—ECF Disposed Solid Waste Summary	NRF-56
Report 331—Leak To Ground Outside ECF	NRF-59
Report 343—Misc. Sources Airborne Waste Summary	NRF-61
Report 310—S1W Airborne Waste Summary	NRF-62
Report 340—S5G Airborne Waste Summary	NRF-63

Naval Reactor Facility (NRF) Bar Graphs of Annual Data by Month

Naval Reactor Facility (NRF) Monthly Details - CY-1992

NRF CY 1992 SHIPPED LOW LEVEL WASTE

**NRF Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

NRF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
AR-41	7.625E-02										
CONCN (UC/ML)		5.475E-11	1.668E-10	2.963E-10	1.768E-10	1.818E-10	2.126E-10	1.752E-10	1.312E-16	1.00E-08	
CURIES		7.130E-03	2.808E-02	3.824E-02	2.291E-02	2.576E-02	2.586E-02	2.898E-01			
% OF TOTAL		35.375	61.375	73.092	59.226	57.275	52.844	53.165			
C-14	2.092E+06										
CONCN (UC/ML)		7.364E-11	8.481E-11	8.817E-11	8.822E-11	1.047E-10	1.483E-10	8.524E-11	6.380E-17	6.00E-09	
CURIES		9.590E-03	1.428E-02	1.138E-02	1.143E-02	1.484E-02	1.803E-02	1.410E-01			
% OF TOTAL		47.581	31.213	21.752	29.549	32.998	36.844	25.863			
GROSS-BETA											
CONCN (UC/ML)		2.111E-15	8.026E-15	5.968E-15	1.087E-14	1.071E-14	1.096E-14	4.563E-12	3.415E-18		
CURIES		2.749E-07	1.351E-06	7.702E-07	1.409E-06	1.517E-06	1.333E-06	7.547E-03			
% OF TOTAL		0.001	0.003	0.001	0.004	0.003	0.003	1.384			
H-3	4.490E+03										
CONCN (UC/ML)		2.638E-11	2.013E-11	2.089E-11	3.350E-11	3.086E-11	4.148E-11	6.455E-11	4.832E-17	1.00E-07	
CURIES		3.435E-03	3.389E-03	2.696E-03	4.340E-03	4.372E-03	5.045E-03	1.068E-01			
% OF TOTAL		17.042	7.408	5.154	11.220	9.723	10.308	19.587			
I-131	8.040E+00										
CONCN (UC/ML)		2.304E-15	2.756E-15	2.696E-15	2.593E-15	3.832E-15	3.429E-15	2.914E-15	2.181E-21	4.00E-10	
CURIES		3.000E-07	4.640E-07	3.480E-07	3.360E-07	5.430E-07	4.170E-07	4.819E-06			
% OF TOTAL		0.001	0.001	0.001	0.001	0.001	0.001	0.001			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		2.016E-02	4.575E-02	5.232E-02	3.868E-02	4.497E-02	4.894E-02	5.451E-01			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999			
VOLUME (CU. METERS)		1.302E+08	1.684E+08	1.291E+08	1.296E+08	1.417E+08	1.216E+08	1.654E+09			
GRAND TOTALS (CURIES)		2.016E-02	4.575E-02	5.232E-02	3.868E-02	4.497E-02	4.894E-02	5.451E-01			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

NRF-9

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

NRF LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
C-14	2.092E+06									
CONCEN (UC/ML)								4.100E-08	7.00E-05	0.06
CURIES								9.700E-06		
% OF TOTAL								0.018		
CO-58	7.091E+01									
CONCEN (UC/ML)								8.030E-08	4.00E-05	0.20
CURIES								1.900E-05		
% OF TOTAL								0.036		
CO-60	1.924E+03									
CONCEN (UC/ML)								1.691E-06	5.00E-06	33.81
CURIES								4.000E-04		
% OF TOTAL								0.762		
CS-137	1.101E+04									
CONCEN (UC/ML)								4.649E-08	3.00E-06	1.55
CURIES								1.100E-05		
% OF TOTAL								0.021		
H-3	4.490E+03									
CONCEN (UC/ML)								2.198E-04	2.00E-03	10.99
CURIES								5.200E-02		
% OF TOTAL								99.019		
MN-54	3.122E+02									
CONCEN (UC/ML)								3.001E-08	5.00E-05	0.06
CURIES								7.100E-06		
% OF TOTAL								0.014		
NI-63	3.650E+04									
CONCEN (UC/ML)								2.790E-07	3.00E-04	0.09
CURIES								6.600E-05		
% OF TOTAL								0.126		
SR-90	1.059E+04									
CONCEN (UC/ML)								5.072E-09	1.00E-06	0.51
CURIES								1.200E-06		
% OF TOTAL								0.002		
Y-90	2.667E+00									
CONCEN (UC/ML)								5.072E-09	1.00E-05	0.05
CURIES								1.200E-06		
% OF TOTAL								0.002		

NRF-10

SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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NRF LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES								5.252E-02		
% OF TOTAL								100.000		
VOLUME (LITERS)								2.366E+05		

GRAND TOTALS (CURIES)								5.252E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

NRF-11

IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 NRF DISPOSED SOLID WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

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 NRF-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
BA-137M CURIES % OF TOTAL	1.772E+03				1.100E-05 0.218			1.100E-05
C-14 CURIES % OF TOTAL	2.092E+06			2.156E-04 0.374	4.000E-06 0.079	8.800E-02 0.003	1.035E-01 0.003	1.239E+00 0.002
CO-57 CURIES % OF TOTAL	2.718E+02							2.900E-04
CO-58 CURIES % OF TOTAL	7.091E+01			1.402E-03 2.429	2.500E-05 0.495	3.000E+00 0.089	2.969E+00 0.078	2.611E+02 0.524
CO-60 CURIES % OF TOTAL	1.924E+03			1.797E-02 31.142	3.096E-03 61.282	9.063E+02 26.811	1.010E+03 26.599	1.161E+04 23.325
CR-51 CURIES % OF TOTAL	2.770E+01					1.013E-02	5.040E-03	4.897E+01 0.098
CS-134 CURIES % OF TOTAL	7.537E+02				1.000E-06 0.020			1.000E-06
CS-137 CURIES % OF TOTAL	1.101E+04				1.200E-05 0.238			1.416E-01
EU-152 CURIES % OF TOTAL	4.891E+03							6.200E-04
EU-154 CURIES % OF TOTAL	3.103E+03							3.900E-04
FE-55 CURIES % OF TOTAL	9.782E+02			3.105E-02 53.815	1.462E-03 28.939	5.239E+02 15.499	5.886E+02 15.497	7.425E+03 14.911
FE-59 CURIES % OF TOTAL	4.451E+01					6.300E-05		6.300E-05

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SCHED. NO. P61PM009-G

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U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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NRF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
H-3 CURIES % OF TOTAL	4.490E+03					5.340E-06	6.000E-06	6.902E-05
HF-175 CURIES % OF TOTAL	7.000E+01							3.604E+02 0.724
HF-181 CURIES % OF TOTAL	4.240E+01							6.014E+02 1.208
I-129 CURIES % OF TOTAL	5.840E+09			7.907E-10	1.400E-11		1.650E-08	1.731E-08
K-40 CURIES % OF TOTAL	4.709E+11					3.000E-05		3.000E-05
MN-54 CURIES % OF TOTAL	3.122E+02			8.266E-04 1.433	1.500E-05 0.297	2.060E-04	1.726E-02	7.179E-02
NB-94 CURIES % OF TOTAL	7.300E+06							1.674E-03
NB-95 CURIES % OF TOTAL	3.498E+01					1.200E+00 0.036	7.350E+00 0.193	9.364E+02 1.880
NI-59 CURIES % OF TOTAL	2.774E+07					1.360E+01 0.402	1.530E+01 0.403	1.717E+02 0.345
NI-63 CURIES % OF TOTAL	3.650E+04			6.236E-03 10.806	3.520E-04 6.967	1.793E+03 53.031	2.020E+03 53.182	2.270E+04 45.593
PU-238 CURIES % OF TOTAL GRAMS	3.203E+04				8.600E-08 0.002 5.029E-09			8.600E-08 5.029E-09
RU-106 CURIES % OF TOTAL	3.726E+02				5.000E-05 0.990	1.400E-05		2.360E-03

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SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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NRF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
SB-125	1.007E+03							
CURIES						3.870E+01	4.330E+01	5.636E+02
% OF TOTAL						1.145	1.140	1.132
SN-113	1.151E+02							
CURIES								2.660E-01
% OF TOTAL								0.001
SN-119M	2.930E+02							
CURIES						9.700E+01	1.070E+02	1.823E+03
% OF TOTAL						2.870	2.817	3.661
SR-90	1.059E+04							
CURIES					1.200E-05	1.200E-03		1.311E-02
% OF TOTAL					0.238			
TA-182	1.145E+02							
CURIES								2.059E+03
% OF TOTAL								4.135
TC-99	7.775E+07							
CURIES				2.156E-07	3.900E-09	2.960E-05	3.780E-05	3.790E-04
% OF TOTAL								
W-185	7.480E+01							
CURIES								7.930E+02
% OF TOTAL								1.593
Y-90	2.667E+00							
CURIES					1.200E-05			1.200E-05
% OF TOTAL					0.238			
ZR-95	6.403E+01							
CURIES						5.900E+00	3.340E+00	4.320E+02
% OF TOTAL						0.115	0.088	0.868

NRF-14

SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

NRF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
TOTALS								
ALPHA CURIES					8.600E-08			8.600E-08
% OF TOTAL					0.002			
B+G CURIES				5.770E-02	5.052E-03	3.380E+03	3.799E+03	4.979E+04
% OF TOTAL				100.000	99.998	100.000	100.000	99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)				1.699E+00	1.813E+01	1.354E+01	2.928E+01	1.593E+02
WEIGHT (KILOGRAMS)				8.840E+02	1.097E+04	9.140E+03	1.920E+04	1.062E+05

GRAND TOTALS (CURIES)				5.770E-02	5.052E-03	3.380E+03	3.799E+03	4.980E+04

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SCHED. NO. P61PM009-M

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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NRF SOLID WASTE SUMMARY
WASTE SENT TO WERF FOR METALLIC PROCESSING
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
BA-137M	1.772E-03							
CURIES			6.300E-05					6.300E-05
% OF TOTAL			3.605					0.482
CO-60	1.924E+03							
CURIES			6.231E-04	2.780E-04				8.567E-03
% OF TOTAL			35.653	71.835				65.514
CS-134	7.537E+02							
CURIES			3.700E-06					3.700E-06
% OF TOTAL			0.212					0.028
CS-137	1.101E+04							
CURIES			6.730E-05					6.730E-05
% OF TOTAL			3.851					0.515
FE-55	9.782E+02							
CURIES			7.465E-04	8.100E-05				2.696E-03
% OF TOTAL			42.713	20.930				20.615
NI-63	3.650E+04							
CURIES			1.090E-04	2.300E-05				1.427E-03
% OF TOTAL			6.237	5.943				10.911
PU-238	3.203E+04							
CURIES			5.000E-07					5.000E-07
% OF TOTAL			0.029					0.004
GRAMS			2.924E-08					2.924E-08
RU-106	3.726E+02							
CURIES				5.000E-06				1.180E-04
% OF TOTAL				1.292				0.902
SR-90	1.059E+04							
CURIES			6.730E-05					6.730E-05
% OF TOTAL			3.851					0.515
Y-90	2.667E+00							
CURIES			6.730E-05					6.730E-05
% OF TOTAL			3.851					0.515

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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NUCLIDES	HALF LIFE (DAYS)	JULY	NRF SOLID WASTE SUMMARY WASTE SENT TO MERF FOR METALLIC PROCESSING FROM JAN THROUGH DEC 1992					ANNUAL TOTAL
			AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
TOTALS								
ALPHA CURIES			5.000E-07					5.000E-07
% OF TOTAL			0.029					0.004
B+G CURIES			1.747E-03	3.870E-04				1.308E-02
% OF TOTAL			99.971	100.000				99.996
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU			0					0
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)			1.529E+01	1.059E+01				7.064E+01
WEIGHT (KILOGRAMS)			2.962E+03	2.402E+03				1.275E+04

GRAND TOTALS (CURIES)			1.748E-03	3.870E-04				1.308E-02

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IDAHO OPERATIONS OFFICE
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NRF SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
BA-137M	1.772E+03							
CURIES							3.700E-05	3.700E-05
% OF TOTAL							0.148	0.014
C-14	2.092E+06							
CURIES			3.000E-05		3.800E-05	1.200E-05	2.500E-05	2.340E-04
% OF TOTAL			0.085		0.162	0.081	0.100	0.089
CO-57	2.718E+02							
CURIES			1.800E-05		1.000E-06	3.700E-05	6.700E-05	1.540E-04
% OF TOTAL			0.051		0.004	0.250	0.268	0.059
CO-58	7.091E+01							
CURIES			2.320E-04		2.480E-04	1.510E-04	3.010E-04	1.047E-02
% OF TOTAL			0.654		1.055	1.020	1.202	3.991
CO-60	1.924E+03							
CURIES			2.195E-02		1.274E-02	8.892E-03	1.398E-02	1.544E-01
% OF TOTAL			61.892		54.235	60.053	55.834	58.841
CR-51	2.770E+01							
CURIES								1.648E-03
% OF TOTAL								0.628
CS-134	7.537E+02							
CURIES							2.000E-06	2.000E-06
% OF TOTAL							0.008	0.001
CS-137	1.101E+04							
CURIES			3.500E-05		2.000E-06	6.900E-05	1.650E-04	3.280E-04
% OF TOTAL			0.099		0.009	0.466	0.659	0.125
EU-152	4.891E+03							
CURIES			3.900E-05		2.000E-06	7.900E-05	1.430E-04	3.290E-04
% OF TOTAL			0.110		0.009	0.534	0.571	0.125
EU-154	3.103E+03							
CURIES			2.400E-05		1.000E-06	5.000E-05	9.000E-05	2.070E-04
% OF TOTAL			0.068		0.004	0.338	0.360	0.079
FE-55	9.782E+02							
CURIES			1.011E-02		8.241E-03	4.226E-03	7.891E-03	6.851E-02
% OF TOTAL			28.522		35.074	28.541	31.525	26.113
FE-59	4.451E+01							
CURIES								5.500E-05
% OF TOTAL								0.021
I-129	5.840E+09							
CURIES			1.110E-10		1.400E-10	4.300E-11	9.300E-11	8.591E-10
% OF TOTAL								
MN-54	3.122E+02							
CURIES			1.420E-04		1.460E-04	9.500E-05	1.890E-04	1.257E-03
% OF TOTAL			0.400		0.621	0.642	0.755	0.479
NB-95	3.498E+01							
CURIES			3.500E-05		2.000E-06	6.900E-05	1.250E-04	4.279E-03
% OF TOTAL			0.099		0.009	0.466	0.499	1.631
NI-63	3.650E+04							
CURIES			2.447E-03		1.888E-03	9.200E-04	1.620E-03	1.659E-02
% OF TOTAL			6.901		8.035	6.213	6.472	6.324

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U.S. DEPARTMENT OF ENERGY
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RUN DATE: 05/07/93

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NUCLIDES	HALF LIFE (DAYS)	NRF SOLID WASTE SUMMARY WERF INCINERATOR PROCESSED WASTE FROM JAN THROUGH DEC 1992							ANNUAL TOTAL
		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
PU-238	3.203E+04								
CURIES							3.000E-07	3.000E-07	
% OF TOTAL							0.001		
GRAMS							1.754E-08	1.754E-08	
RU-106	3.726E+02								
CURIES			3.790E-04		1.830E-04	1.700E-04	2.530E-04	1.838E-03	
% OF TOTAL			1.069		0.779	1.148	1.011	0.701	
SR-90	1.059E+04								
CURIES							4.000E-05	4.000E-05	
% OF TOTAL							0.160	0.015	
TC-99	7.775E+07								
CURIES			3.000E-08		3.800E-08	1.160E-08	2.500E-08	2.340E-07	
% OF TOTAL									
Y-90	2.667E+00								
CURIES							4.000E-05	4.000E-05	
% OF TOTAL							0.160	0.015	
ZR-95	6.403E+01								
CURIES			1.800E-05		1.000E-06	3.700E-05	6.700E-05	1.962E-03	
% OF TOTAL			0.051		0.004	0.250	0.268	0.748	
TOTALS									
ALPHA CURIES							3.000E-07	3.000E-07	
% OF TOTAL							0.001		
B+G CURIES			3.546E-02		2.350E-02	1.481E-02	2.503E-02	2.623E-01	
% OF TOTAL			100.000		100.000	100.000	99.999	99.999	
TOTAL GRAMS OF AM									
TOTAL GRAMS OF PU							0	1.754E-08	
TOTAL GRAMS OF PU-239+241									
TOTAL GRAMS OF U									
TOTAL GRAMS OF TH									
TOTAL GRAMS OF NP									
VOLUME (CU. METERS)			4.588E+01		2.294E+01	2.294E+01	2.294E+01	2.471E+02	
WEIGHT (KILOGRAMS)			4.807E+03		2.359E+03	2.377E+03	3.029E+03	2.661E+04	
GRAND TOTALS (CURIES)			3.546E-02		2.350E-02	1.481E-02	2.503E-02	2.623E-01	

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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RUN DATE: 05/07/93

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NRF SOLID WASTE SUMMARY
WASTE SENT TO MERF FOR COMPACTION
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
BA-137M	1.772E-03							
CURIES			8.000E-06					8.000E-06
% OF TOTAL			0.087					0.001
C-14	2.092E+06							
CURIES				1.928E-03				1.928E-03
% OF TOTAL				0.179				0.133
CO-57	2.718E+02							
CURIES				1.283E-03				1.283E-03
% OF TOTAL				0.119				0.088
CO-58	7.091E+01							
CURIES				1.514E-02				6.370E-02
% OF TOTAL				1.407				4.381
CO-60	1.924E+03							
CURIES			1.167E-03	5.461E-01				7.805E-01
% OF TOTAL			12.630	50.763				53.681
CR-51	2.770E+01							
CURIES								8.834E-03
% OF TOTAL								0.608
CS-134	7.537E+02							
CURIES			5.000E-07					5.000E-07
% OF TOTAL			0.005					
CS-137	1.101E+04							
CURIES			8.000E-06	2.389E-03				2.397E-03
% OF TOTAL			0.087	0.222				0.165
EU-152	4.891E+03							
CURIES				2.743E-03				2.743E-03
% OF TOTAL				0.255				0.189
EU-154	3.103E+03							
CURIES				1.725E-03				1.725E-03
% OF TOTAL				0.160				0.119
FE-55	9.782E+02							
CURIES			4.343E-03	3.984E-01				4.350E-01
% OF TOTAL			47.004	37.038				29.916
FE-59	4.451E+01							
CURIES								1.100E-05
% OF TOTAL								0.001
I-129	5.840E+09							
CURIES				7.100E-09				7.100E-09
% OF TOTAL								
MN-54	3.122E+02							
CURIES				9.159E-03				9.189E-03
% OF TOTAL				0.851				0.632
NB-95	3.498E+01							
CURIES				2.389E-03				2.492E-02
% OF TOTAL				0.222				1.714
NI-63	3.650E+04							
CURIES			3.697E-03	8.521E-02				1.022E-01
% OF TOTAL			40.013	7.921				7.031

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U.S. DEPARTMENT OF ENERGY
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NUCLIDES	HALF LIFE (DAYS)	NRF SOLID WASTE SUMMARY WASTE SENT TO MERF FOR COMPACTION FROM JAN THROUGH DEC 1992						ANNUAL TOTAL
		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
PU-238	3.203E+04							
CURIES			6.000E-08					6.000E-08
% OF TOTAL			0.001					
GRAMS			3.509E-09					3.509E-09
RU-106	3.726E+02							
CURIES				7.986E-03				8.002E-03
% OF TOTAL				0.742				0.550
SR-90	1.059E+04							
CURIES			8.000E-06					8.000E-06
% OF TOTAL			0.087					0.001
TC-99	7.775E+07							
CURIES				1.900E-06				1.900E-06
% OF TOTAL								
Y-90	2.667E+00							
CURIES			8.000E-06					8.000E-06
% OF TOTAL			0.087					0.001
ZR-95	6.403E+01							
CURIES				1.283E-03				1.150E-02
% OF TOTAL				0.119				0.791
TOTALS								
ALPHA CURIES			6.000E-08					6.000E-08
% OF TOTAL			0.001					
B+G CURIES			9.239E-03	1.076E+00				1.454E+00
% OF TOTAL			99.999	100.000				100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU			0					3.509E-09
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)			4.898E+00	3.279E+01				7.122E+01
WEIGHT (KILOGRAMS)			5.870E+02	5.246E+03				1.067E+04
GRAND TOTALS (CURIES)			9.240E-03	1.076E+00				1.454E+00

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**NRF Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

NRF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NRF-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		1.365E-10	1.690E-10	1.371E-10	1.428E-10	2.696E-10	1.625E-10	1.702E-10	1.274E-16	1.00E-08	
CURIES		1.747E-02	2.153E-02	2.126E-02	1.732E-02	3.834E-02	2.591E-02	1.418E-01			
% OF TOTAL		65.210	37.729	32.284	54.533	61.946	50.868	48.193			
C-14	2.092E+06										
CONCEN (UC/ML)		2.922E-11	3.970E-11	1.026E-10	9.383E-11	7.940E-11	8.806E-11	7.371E-11	5.517E-17	6.00E-09	
CURIES		3.740E-03	5.058E-03	1.592E-02	1.138E-02	1.129E-02	1.404E-02	6.143E-02			
% OF TOTAL		13.961	8.865	24.175	35.831	18.242	27.564	20.873			
GROSS-BETA											
CONCEN (UC/ML)		1.395E-14	8.808E-15	2.962E-14	7.491E-15	5.296E-11	7.205E-15	9.047E-12	6.772E-18		
CURIES		1.785E-06	1.122E-06	4.595E-06	9.086E-07	7.531E-03	1.149E-06	7.540E-03			
% OF TOTAL		0.007	0.002	0.007	0.003	12.168	0.002	2.562			
H-3	4.490E+03										
CONCEN (UC/ML)		4.358E-11	2.392E-10	1.848E-10	2.522E-11	3.327E-11	6.889E-11	1.002E-10	7.498E-17	1.00E-07	
CURIES		5.578E-03	3.047E-02	2.867E-02	3.059E-03	4.731E-03	1.098E-02	8.349E-02			
% OF TOTAL		20.821	53.404	43.534	9.632	7.643	21.565	28.371			
I-131	8.040E+00										
CONCEN (UC/ML)		3.321E-15	2.621E-15	2.057E-15	2.416E-15	4.311E-15	2.678E-15	2.893E-15	2.165E-21	4.00E-10	
CURIES		4.250E-07	3.340E-07	3.190E-07	2.930E-07	6.130E-07	4.270E-07	2.411E-06			
% OF TOTAL		0.002	0.001		0.001	0.001	0.001	0.001			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		2.679E-02	5.706E-02	6.585E-02	3.176E-02	6.189E-02	5.094E-02	2.943E-01			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999			
VOLUME (CU. METERS)		1.280E+08	1.274E+08	1.551E+08	1.213E+08	1.422E+08	1.594E+08	8.334E+08			
GRAND TOTALS (CURIES)		2.679E-02	5.706E-02	6.585E-02	3.176E-02	6.189E-02	5.094E-02	2.943E-01			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PH009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

NRF LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NRF-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
C-14	2.092E+06									
CONCEN (UC/ML)			4.100E-08					4.100E-08	7.00E-05	0.06
CURIES			9.700E-06					9.700E-06		
% OF TOTAL			0.018					0.018		
CO-58	7.091E+01									
CONCEN (UC/ML)			8.030E-08					8.030E-08	4.00E-05	0.20
CURIES			1.900E-05					1.900E-05		
% OF TOTAL			0.036					0.036		
CO-60	1.924E+03									
CONCEN (UC/ML)			1.691E-06					1.691E-06	5.00E-06	33.81
CURIES			4.000E-04					4.000E-04		
% OF TOTAL			0.762					0.762		
CS-137	2.101E+04									
CONCEN (UC/ML)			4.649E-08					4.649E-08	3.00E-06	1.55
CURIES			1.100E-05					1.100E-05		
% OF TOTAL			0.021					0.021		
H-3	4.490E+03									
CONCEN (UC/ML)			2.198E-04					2.198E-04	2.00E-03	10.99
CURIES			5.200E-02					5.200E-02		
% OF TOTAL			99.019					99.019		
MN-54	3.122E+02									
CONCEN (UC/ML)			3.001E-08					3.001E-08	5.00E-05	0.06
CURIES			7.100E-06					7.100E-06		
% OF TOTAL			0.014					0.014		
NI-63	3.650E+04									
CONCEN (UC/ML)			2.790E-07					2.790E-07	3.00E-04	0.09
CURIES			6.600E-05					6.600E-05		
% OF TOTAL			0.126					0.126		
SR-90	1.059E+04									
CONCEN (UC/ML)			5.072E-09					5.072E-09	1.00E-06	0.51
CURIES			1.200E-06					1.200E-06		
% OF TOTAL			0.002					0.002		
Y-90	2.667E+00									
CONCEN (UC/ML)			5.072E-09					5.072E-09	1.00E-05	0.05
CURIES			1.200E-06					1.200E-06		
% OF TOTAL			0.002					0.002		

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SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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NRF LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NRF-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES			5.252E-02					5.252E-02		
% OF TOTAL			100.000					100.000		
VOLUME (LITERS)			2.366E+05					2.366E+05		
GRAND TOTALS (CURIES)			5.252E-02					5.252E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

NRF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NRF-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
C-14	2.092E+06							
CURIES		4.756E-01		9.900E-02	3.740E-01	9.900E-02		1.048E+00
% OF TOTAL		0.003		0.002	0.002	0.002		0.002
CO-57	2.718E+02							
CURIES				2.900E-04				2.900E-04
% OF TOTAL								
CO-58	7.091E+01							
CURIES		5.652E+01	1.130E-01	7.503E+01	6.912E+01	5.430E+01		2.551E+02
% OF TOTAL		0.311	13.018	1.618	0.450	1.229		0.599
CO-60	1.924E+03							
CURIES		3.696E+03	2.290E-01	9.921E+02	4.029E+03	9.800E+02		9.698E+03
% OF TOTAL		20.322	26.382	21.391	26.215	22.182		22.757
CR-51	2.770E+01							
CURIES		1.932E+00		2.810E+01	6.621E+00	1.230E+01		4.895E+01
% OF TOTAL		0.011		0.606	0.043	0.278		0.115
CS-137	1.101E+04							
CURIES				5.400E-04	1.410E-01			1.415E-01
% OF TOTAL					0.001			
EU-152	4.891E+03							
CURIES				6.200E-04				6.200E-04
% OF TOTAL								
EU-154	3.103E+03							
CURIES				3.900E-04				3.900E-04
% OF TOTAL								
FE-55	9.782E+02							
CURIES		2.361E+03	4.270E-01	7.501E+02	2.468E+03	7.330E+02		6.313E+03
% OF TOTAL		12.978	49.194	16.174	16.060	16.591		14.813
H-3	4.490E+03							
CURIES		2.186E-05		6.330E-06	2.319E-05	6.300E-06		5.768E-05
% OF TOTAL								
HF-175	7.000E+01							
CURIES		3.604E+02						3.604E+02
% OF TOTAL		1.981						0.846
HF-181	4.240E+01							
CURIES		6.014E+02						6.014E+02
% OF TOTAL		3.306						1.411

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 NRF DISPOSED SOLID WASTE SUMMARY
 FOR JAN THROUGH JUN 1992

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 NRF-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
MN-54 CURIES % OF TOTAL	3.122E+02	1.600E-02	2.000E-02 2.304	4.484E-03	1.300E-02			5.348E-02
NB-94 CURIES % OF TOTAL	7.300E+06	1.674E-03						1.674E-03
NB-95 CURIES % OF TOTAL	3.498E+01	1.776E+02 0.976		3.090E+02 6.663	2.252E+02 1.465	2.160E+02 4.889		9.278E+02 2.177
NI-59 CURIES % OF TOTAL	2.774E+07	5.440E+01 0.299		1.530E+01 0.330	5.780E+01 0.376	1.530E+01 0.346		1.428E+02 0.335
NI-63 CURIES % OF TOTAL	3.650E+04	7.190E+03 39.529	7.900E-02 9.101	2.030E+03 43.771	7.640E+03 49.708	2.030E+03 45.949		1.889E+04 44.327
RU-106 CURIES % OF TOTAL	3.726E+02	1.912E-03		3.840E-04				2.296E-03
SB-125 CURIES % OF TOTAL	1.007E+03	1.912E+02 1.051		5.510E+01 1.188	1.815E+02 1.181	5.380E+01 1.218		4.816E+02 1.130
SN-113 CURIES % OF TOTAL	1.151E+02	2.660E-01 0.001						2.660E-01 0.001
SN-119M CURIES % OF TOTAL	2.930E+02	5.650E+02 3.106		2.430E+02 5.240	5.860E+02 3.813	2.250E+02 5.093		1.619E+03 3.799
SR-90 CURIES % OF TOTAL	1.059E+04				1.190E-02			1.190E-02
TA-182 CURIES % OF TOTAL	1.145E+02	2.059E+03 11.320						2.059E+03 4.831
TC-99 CURIES % OF TOTAL	7.775E+07	1.190E-04		3.330E-05	1.258E-04	3.330E-05		3.114E-04

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SCHED. NO. P61PH009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

NRF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NRF-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
W-185	7.480E+01							
CURIES		7.930E+02						7.930E+02
% OF TOTAL		4.360						1.861
ZR-95	6.403E+01							
CURIES		8.102E+01		1.400E+02	1.056E+02	9.820E+01		4.248E+02
% OF TOTAL		0.445		3.019	0.687	2.223		0.997
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		1.819E+04	8.680E-01	4.638E+03	1.537E+04	4.418E+03		4.262E+04
% OF TOTAL		100.000	100.000	100.000	100.000	100.000		99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		4.071E+01	8.494E+00	2.566E+01	1.913E+01	2.660E+00		9.666E+01
WEIGHT (KILOGRAMS)		2.590E+04	3.708E+03	1.400E+04	1.863E+04	3.719E+03		6.595E+04

GRAND TOTALS (CURIES)		1.819E+04	8.680E-01	4.638E+03	1.537E+04	4.418E+03		4.262E+04

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

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NUCLIDES	HALF LIFE (DAYS)	NRF SOLID WASTE SUMMARY WASTE SENT TO WERF FOR METALLIC PROCESSING FROM JAN THROUGH JUN 1992						ANNUAL TOTAL
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	
CO-60	1.924E+03							
CURIES		8.760E-04	8.500E-04			5.940E-03		7.666E-03
% OF TOTAL		75.941	56.197			71.774		70.060
FE-55	9.782E+02							
CURIES		1.106E-04	2.773E-05			1.730E-03		1.868E-03
% OF TOTAL		9.584	1.833			20.904		17.074
NI-63	3.650E+04							
CURIES		1.670E-04	6.348E-04			4.930E-04		1.295E-03
% OF TOTAL		14.475	41.970			5.957		11.833
RU-106	3.726E+02							
CURIES						1.130E-04		1.130E-04
% OF TOTAL						1.365		1.033
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		1.154E-03	1.513E-03			8.276E-03		1.094E-02
% OF TOTAL		100.000	100.000			100.000		100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		2.479E+00	7.588E+00			3.469E+01		4.476E+01
WEIGHT (KILOGRAMS)		8.709E+02	2.338E+03			4.173E+03		7.382E+03

GRAND TOTALS (CURIES)		1.154E-03	1.513E-03			8.276E-03		1.094E-02

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

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NRF SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH JUN 1992

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
C-14	2.092E+06							
CURIES				2.800E-05	1.010E-04			1.290E-04
% OF TOTAL				0.091	0.123			0.079
CO-57	2.718E+02							
CURIES				2.500E-05	6.000E-06			3.100E-05
% OF TOTAL				0.081	0.007			0.019
CO-58	7.091E+01							
CURIES		6.610E-04	5.821E-03	2.350E-04	2.822E-03			9.539E-03
% OF TOTAL		10.062	13.212	0.765	3.433			5.832
CO-60	1.924E+03							
CURIES		3.774E-03	2.785E-02	1.865E-02	4.654E-02			9.681E-02
% OF TOTAL		57.452	63.214	60.700	56.612			59.192
CR-51	2.770E+01							
CURIES		1.980E-04	1.058E-03		3.920E-04			1.648E-03
% OF TOTAL		3.014	2.401		0.477			1.008
CS-137	1.101E+04							
CURIES				4.600E-05	1.100E-05			5.700E-05
% OF TOTAL				0.150	0.013			0.035
EU-152	4.891E+03							
CURIES				5.300E-05	1.300E-05			6.600E-05
% OF TOTAL				0.172	0.016			0.040
EU-154	3.103E+03							
CURIES				3.400E-05	8.000E-06			4.200E-05
% OF TOTAL				0.111	0.010			0.026
FE-55	9.782E+02							
CURIES		1.116E-03	3.815E-03	8.996E-03	2.411E-02			3.803E-02
% OF TOTAL		16.989	8.659	29.274	29.329			23.255
FE-59	4.451E+01							
CURIES		5.500E-05						5.500E-05
% OF TOTAL		0.837						0.034
I-129	5.840E+09							
CURIES				1.000E-10	3.721E-10			4.721E-10
% OF TOTAL								
MN-54	3.122E+02							
CURIES		1.460E-04		1.430E-04	3.960E-04			6.850E-04
% OF TOTAL		2.223		0.465	0.482			0.419
NB-95	3.498E+01							
CURIES		2.900E-04	2.701E-03	4.600E-05	1.011E-03			4.048E-03
% OF TOTAL		4.415	6.131	0.150	1.230			2.475
NI-63	3.650E+04							
CURIES		1.990E-04	1.587E-03	2.124E-03	5.807E-03			9.717E-03
% OF TOTAL		3.029	3.602	6.912	7.065			5.941
RU-106	3.726E+02							
CURIES				3.220E-04	5.310E-04			8.530E-04
% OF TOTAL				1.048	0.646			0.522
TC-99	7.775E+07							
CURIES				2.800E-08	1.014E-07			1.294E-07
% OF TOTAL								

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SCHED. NO. P61PM009-N

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

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NRF-S

NUCLIDES	HALF LIFE (DAYS)	NRF SOLID WASTE SUMMARY MERF INCINERATOR PROCESSED WASTE FROM JAN THROUGH JUN 1992						ANNUAL TOTAL
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	
ZR-95	6.403E+01							
CURIES		1.300E-04	1.225E-03	2.500E-05	4.590E-04			1.839E-03
% OF TOTAL		1.979	2.780	0.081	0.558			1.124
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		6.569E-03	4.406E-02	3.073E-02	8.220E-02			1.636E-01
% OF TOTAL		100.000	100.000	100.000	100.000			99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		1.835E+01	2.279E+01	2.308E+01	6.816E+01			1.324E+02
WEIGHT (KILOGRAMS)		1.543E+03	1.998E+03	3.000E+03	7.500E+03			1.404E+04

GRAND TOTALS (CURIES)		6.569E-03	4.406E-02	3.073E-02	8.220E-02			1.636E-01

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

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NRF-S

NRF SOLID WASTE SUMMARY
WASTE SENT TO MERF FOR COMPACTION
FROM JAN THROUGH JUN 1992

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
CO-58	7.091E+01							
CURIES					4.856E-02			4.856E-02
% OF TOTAL					13.159			13.159
CO-60	1.924E+03							
CURIES					2.333E-01			2.333E-01
% OF TOTAL					63.219			63.219
CR-51	2.770E+01							
CURIES					8.834E-03			8.834E-03
% OF TOTAL					2.394			2.394
FE-55	9.782E+02							
CURIES					3.221E-02			3.221E-02
% OF TOTAL					8.729			8.729
FE-59	4.451E+01							
CURIES					1.100E-05			1.100E-05
% OF TOTAL					0.003			0.003
MN-54	3.122E+02							
CURIES					3.000E-05			3.000E-05
% OF TOTAL					0.008			0.008
NB-95	3.498E+01							
CURIES					2.253E-02			2.253E-02
% OF TOTAL					6.106			6.106
NI-63	3.650E+04							
CURIES					1.332E-02			1.332E-02
% OF TOTAL					3.608			3.608
RU-106	3.726E+02							
CURIES					1.600E-05			1.600E-05
% OF TOTAL					0.004			0.004
ZR-95	6.403E+01							
CURIES					1.022E-02			1.022E-02
% OF TOTAL					2.770			2.770
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES					3.690E-01			3.690E-01
% OF TOTAL					100.000			100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)					3.353E+01			3.353E+01
WEIGHT (KILOGRAMS)					4.840E+03			4.840E+03
GRAND TOTALS (CURIES)					3.690E-01			3.690E-01

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**NRF Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

AIR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/AIW-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)			4.386E-11	7.628E-11	5.081E-11	3.263E-11	1.111E-10	5.354E-11	2.653E-17	1.00E-08	
CURIES			1.930E-03	2.540E-03	1.250E-03	8.680E-04	2.600E-03	1.956E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			29.968	32.397	31.484	28.474	30.034	30.604			
C-14	2.092E+06										
CONCEN (UC/ML)			9.727E-11	1.592E-10	1.106E-10	7.669E-11	2.577E-10	1.182E-10	5.859E-17	6.00E-09	
CURIES			4.280E-03	5.300E-03	2.720E-03	2.040E-03	6.030E-03	4.319E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			66.456	67.601	68.508	66.921	69.656	67.584			
GROSS-BETA											
CONCEN (UC/ML)		1.983E-15	7.091E-15	5.075E-15	1.289E-14	1.350E-14	1.496E-14	9.349E-15	4.633E-21		
CURIES		7.020E-08	3.120E-07	1.690E-07	3.170E-07	3.590E-07	3.500E-07	3.415E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.113	0.005	0.002	0.008	0.012	0.004	0.005			
H-3	4.490E+03										
CONCEN (UC/ML)		1.746E-12	5.227E-12			5.263E-12	1.132E-12	3.161E-12	1.566E-18	1.00E-07	
CURIES		6.180E-05	2.300E-04			1.400E-04	2.650E-05	1.155E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		99.887	3.571			4.593	0.306	1.807			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		6.187E-05	6.440E-03	7.840E-03	3.970E-03	3.048E-03	8.657E-03	6.391E-02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		3.540E+07	4.400E+07	3.330E+07	2.460E+07	2.660E+07	2.340E+07	3.653E+08			
GRAND TOTALS (CURIES)		6.187E-05	6.440E-03	7.840E-03	3.970E-03	3.048E-03	8.657E-03	6.391E-02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-H

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

AIW DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 322
NRF/AIW-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CO-58	7.091E+01							
CURIES						3.220E-04		3.220E-04
% OF TOTAL						6.441		6.441
CO-60	1.924E+03							
CURIES						2.237E-03		2.237E-03
% OF TOTAL						44.749		44.749
CR-51	2.770E+01							
CURIES						1.270E-04		1.270E-04
% OF TOTAL						2.541		2.541
FE-55	9.782E+02							
CURIES						1.839E-03		1.839E-03
% OF TOTAL						36.787		36.787
FE-59	4.451E+01							
CURIES						6.300E-05		6.300E-05
% OF TOTAL						1.260		1.260
MN-54	3.122E+02							
CURIES						2.060E-04		2.060E-04
% OF TOTAL						4.121		4.121
NB-95	3.498E+01							
CURIES						5.100E-05		5.100E-05
% OF TOTAL						1.020		1.020
NI-63	3.650E+04							
CURIES						1.290E-04		1.290E-04
% OF TOTAL						2.581		2.581
ZR-95	6.403E+01							
CURIES						2.500E-05		2.500E-05
% OF TOTAL						0.500		0.500

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SCHED. NO. P61PM009-H

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

AIM DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 2 RPT. 322
NRF/AIM-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES						4.999E-03		4.999E-03
% OF TOTAL						100.000		100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)						7.250E+00		7.250E+00
WEIGHT (KILOGRAMS)						3.701E+03		3.701E+03

GRAND TOTALS (CURIES)						4.999E-03		4.999E-03

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ALM-RHDS AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/NRF-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02									
CONCEN (UC/ML)			2.927E-07	3.959E-07	2.603E-07	8.238E-07	2.324E-06	7.785E-09	3.858E-15	1.00E-08
CURIES			2.140E-02	2.130E-02	1.580E-02	1.870E-02	1.450E-02	2.060E-01		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			99.828	99.909	99.520	99.635	100.000	96.268		
GROSS-BETA										
CONCEN (UC/ML)		6.265E-15	6.717E-14	6.468E-14	4.547E-14	2.414E-13	2.324E-13	2.846E-10	1.410E-16	
CURIES		3.540E-10	4.910E-09	3.480E-09	2.760E-09	5.480E-09	1.450E-09	7.530E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		0.002						3.519		
H-3	4.490E+03									
CONCEN (UC/ML)		3.487E-10	5.048E-10	3.587E-10	1.255E-09	3.018E-09	1.149E-11	1.721E-11	8.528E-18	1.00E-07
CURIES		1.970E-05	3.690E-05	1.930E-05	7.620E-05	6.850E-05	7.170E-08	4.554E-04		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		99.998	0.172	0.091	0.480	0.365		0.213		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		1.970E-05	2.144E-02	2.132E-02	1.588E-02	1.877E-02	1.450E-02	2.140E-01		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (CU. METERS)		5.650E+04	7.310E+04	5.380E+04	6.070E+04	2.270E+04	6.240E+03	2.646E+07		
GRAND TOTALS (CURIES)		1.970E-05	2.144E-02	2.132E-02	1.588E-02	1.877E-02	1.450E-02	2.140E-01		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ECF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/ECF-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
C-14	2.092E+06									
CONCEN (UC/ML)		2.511E-15	1.812E-15	1.822E-15	2.909E-15	2.686E-15	6.743E-15	2.711E-15	2.029E-21	6.00E-09
CURIES		1.680E-07	1.620E-07	1.230E-07	2.170E-07	2.200E-07	4.720E-07	2.447E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		0.005	0.006	0.005	0.005	0.006	0.010	0.003		
GROSS-BETA										
CONCEN (UC/ML)		1.824E-15	9.128E-15	6.415E-15	1.117E-14	1.098E-14	1.200E-14	1.222E-14	9.150E-21	
CURIES		1.220E-07	8.160E-07	4.330E-07	8.330E-07	8.990E-07	8.400E-07	1.104E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		0.004	0.028	0.016	0.020	0.023	0.018	0.012		
H-3	4.490E+03									
CONCEN (UC/ML)		4.753E-11	3.255E-11	3.896E-11	5.590E-11	4.737E-11	6.814E-11	1.036E-10	7.753E-17	1.00E-07
CURIES		3.180E-03	2.910E-03	2.630E-03	4.170E-03	3.880E-03	4.770E-03	9.350E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		99.981	99.950	99.966	99.967	99.957	99.964	99.980		
I-131	8.040E+00									
CONCEN (UC/ML)		4.484E-15	5.190E-15	5.156E-15	4.504E-15	6.630E-15	5.957E-15	5.338E-15	3.996E-21	4.00E-10
CURIES		3.000E-07	4.640E-07	3.480E-07	3.360E-07	5.430E-07	4.170E-07	4.819E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		0.009	0.016	0.013	0.008	0.014	0.009	0.005		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		3.181E-03	2.911E-03	2.631E-03	4.171E-03	3.882E-03	4.772E-03	9.352E-02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999		
VOLUME (CU. METERS)		6.690E+07	8.940E+07	6.750E+07	7.460E+07	8.150E+07	7.000E+07	9.027E+08		
GRAND TOTALS (CURIES)		3.181E-03	2.911E-03	2.631E-03	4.171E-03	3.882E-03	4.772E-03	9.352E-02		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ECF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/ECF-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
BA-137M CURIES % OF TOTAL	1.772E-03		7.100E-05 0.153		1.100E-05 0.039		3.700E-05	1.190E-04
C-14 CURIES % OF TOTAL	2.092E+06		3.000E-05 0.065	2.144E-03 0.189	4.200E-05 0.147	8.801E-02 0.003	1.035E-01 0.003	1.241E+00 0.002
CO-57 CURIES % OF TOTAL	2.718E+02		1.800E-05 0.039	1.283E-03 0.113	1.000E-06 0.004	3.700E-05	6.700E-05	1.727E-03
CO-58 CURIES % OF TOTAL	7.091E+01		2.320E-04 0.500	1.654E-02 1.459	2.730E-04 0.956	3.000E+00 0.089	2.970E+00 0.078	2.611E+02 0.524
CO-60 CURIES % OF TOTAL	1.924E+03		2.374E-02 51.105	5.643E-01 49.772	1.584E-02 55.482	9.063E+02 26.811	1.010E+03 26.599	1.162E+04 23.326
CR-51 CURIES % OF TOTAL	2.770E+01					1.000E-02	5.040E-03	4.898E+01 0.098
CS-134 CURIES % OF TOTAL	7.537E+02		4.200E-06 0.009		1.000E-06 0.004		2.000E-06	7.200E-06
CS-137 CURIES % OF TOTAL	1.101E+04		1.103E-04 0.237	2.389E-03 0.211	1.400E-05 0.049	6.900E-05	1.650E-04	1.443E-01
EU-152 CURIES % OF TOTAL	4.891E+03		3.900E-05 0.084	2.743E-03 0.242	2.000E-06 0.007	7.900E-05	1.430E-04	3.692E-03
EU-154 CURIES % OF TOTAL	3.103E+03		2.400E-05 0.052	1.725E-03 0.152	1.000E-06 0.004	5.000E-05	9.000E-05	2.322E-03
FE-55 CURIES % OF TOTAL	9.782E+02		1.520E-02 32.733	4.296E-01 37.886	9.703E-03 33.988	5.239E+02 15.499	5.887E+02 15.497	7.426E+03 14.912
FE-59 CURIES % OF TOTAL	4.451E+01							1.100E-05

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SCHED. NO. P61PM009-H

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ECF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/ECF-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
H-3 CURIES % OF TOTAL	4.490E+03					5.340E-06	6.000E-06	6.902E-05
HF-175 CURIES % OF TOTAL	7.000E+01							3.604E+02 0.724
HF-181 CURIES % OF TOTAL	4.240E+01							6.014E+02 1.208
I-129 CURIES % OF TOTAL	5.840E+09		1.110E-10	7.891E-09	1.540E-10	4.300E-11	1.660E-08	2.527E-08
MN-54 CURIES % OF TOTAL	3.122E+02		1.420E-04 0.306	9.986E-03 0.881	1.610E-04 0.564	9.500E-05	1.745E-02	8.188E-02
NB-94 CURIES % OF TOTAL	7.300E+06							1.674E-03
NB-95 CURIES % OF TOTAL	3.498E+01		3.500E-05 0.075	2.389E-03 0.211	2.000E-06 0.007	1.200E+00 0.036	7.350E+00 0.193	9.364E+02 1.880
NI-59 CURIES % OF TOTAL	2.774E+07					1.360E+01 0.402	1.530E+01 0.403	1.717E+02 0.345
NI-63 CURIES % OF TOTAL	3.650E+04		6.253E-03 13.463	9.147E-02 8.068	2.240E-03 7.846	1.793E+03 53.031	2.020E+03 53.181	2.270E+04 45.592
PU-238 CURIES % OF TOTAL GRAMS	3.203E+04		5.600E-07 0.001 3.275E-08		8.600E-08 5.029E-09		3.000E-07 1.754E-08	9.460E-07 5.532E-08
RU-106 CURIES % OF TOTAL	3.726E+02		3.790E-04 0.816	7.991E-03 0.705	2.330E-04 0.816	1.700E-04	2.670E-04	1.232E-02
SB-125 CURIES % OF TOTAL	1.007E+03					3.870E+01 1.145	4.330E+01 1.140	5.636E+02 1.132

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ECF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
SN-113 CURIES % OF TOTAL	1.151E+02							2.660E-01 0.001
SN-119M CURIES % OF TOTAL	2.930E+02					9.700E+01 2.870	1.070E+02 2.817	1.823E+03 3.661
SR-90 CURIES % OF TOTAL	1.059E+04		7.530E-05 0.162		1.200E-05 0.042	1.200E-03	4.000E-05	1.323E-02
TA-182 CURIES % OF TOTAL	1.145E+02							2.059E+03 4.135
TC-99 CURIES % OF TOTAL	7.775E+07		3.000E-08	2.116E-06	4.190E-08	2.961E-05	3.783E-05	3.812E-04
M-185 CURIES % OF TOTAL	7.480E+01							7.930E+02 1.592
Y-90 CURIES % OF TOTAL	2.667E+00		7.530E-05 0.162		1.200E-05 0.042		4.000E-05	1.273E-04
ZR-95 CURIES % OF TOTAL	6.403E+01		1.800E-05 0.039	1.283E-03 0.113	1.000E-06 0.004	3.900E+00 0.115	3.340E+00 0.088	4.321E+02 0.868
TOTALS								
ALPHA CURIES % OF TOTAL			5.600E-07 0.001		8.600E-08		3.000E-07	9.460E-07
B+G CURIES % OF TOTAL			4.644E-02 99.999	1.134E+00 100.000	2.855E-02 100.000	3.380E+03 100.000	3.799E+03 100.000	4.980E+04 99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU			0		0		0	0
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)			6.607E+01	4.508E+01	4.107E+01	2.560E+01	5.222E+01	4.632E+02
WEIGHT (KILOGRAMS)			8.356E+03	8.532E+03	1.333E+04	6.176E+03	2.223E+04	1.422E+05
GRAND TOTALS (CURIES)			4.644E-02	1.134E+00	2.855E-02	3.380E+03	3.799E+03	4.980E+04

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 LEAK TO GROUND OUTSIDE ECF
 FOR JAN THROUGH DEC 1992

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 NRF/NRF-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
C-14	2.092E+06									
CONCEN (UC/ML)								4.100E-08	7.00E-05	0.06
CURIES								9.700E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.018		
CO-58	7.091E+01									
CONCEN (UC/ML)								8.030E-08	4.00E-05	0.20
CURIES								1.900E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.036		
CO-60	1.924E+03									
CONCEN (UC/ML)								1.691E-06	5.00E-06	33.81
CURIES								4.000E-04		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.762		
CS-137	1.101E+04									
CONCEN (UC/ML)								4.649E-08	3.00E-06	1.55
CURIES								1.100E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.021		
H-3	4.490E+03									
CONCEN (UC/ML)								2.198E-04	2.00E-03	10.99
CURIES								5.200E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								99.019		
MN-54	3.122E+02									
CONCEN (UC/ML)								3.001E-08	5.00E-05	0.06
CURIES								7.100E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.014		
NI-63	3.650E+04									
CONCEN (UC/ML)								2.790E-07	3.00E-04	0.09
CURIES								6.600E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.126		

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

LEAK TO GROUND OUTSIDE ECF
FOR JAN THROUGH DEC 1992

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NRF/NRF-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
SR-90	1.059E+04									
CONCEN (UC/ML)								5.072E-09	1.00E-06	0.51
CURIES								1.200E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.002		
Y-90	2.667E+00									
CONCEN (UC/ML)								5.072E-09	1.00E-05	0.05
CURIES								1.200E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.002		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES								5.252E-02		
% OF TOTAL								100.000		
VOLUME (LITERS)								2.366E+05		
GRAND TOTALS (CURIES)								5.252E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

MISC. SOURCES AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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MSC-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BETA											
CONCEN (UC/ML)		2.887E-14	4.358E-15	4.564E-15	3.785E-15	2.371E-15	8.349E-15	5.414E-15			
CURIES		1.790E-09	1.290E-09	1.830E-09	1.870E-09	1.330E-09	4.550E-09	1.416E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		1.790E-09	1.290E-09	1.830E-09	1.870E-09	1.330E-09	4.550E-09	1.416E-08			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		6.200E+04	2.960E+05	4.010E+05	4.940E+05	5.610E+05	5.450E+05	2.616E+06			

GRAND TOTALS (CURIES)		1.790E-09	1.290E-09	1.830E-09	1.870E-09	1.330E-09	4.550E-09	1.416E-08			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

SIM AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/SIM-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-BETA										
CONCEN (UC/ML)		6.730E-15	1.571E-14	1.118E-14	1.465E-14	1.535E-14	1.117E-14	1.378E-14	6.656E-21	
CURIES		5.660E-08	1.650E-07	9.400E-08	1.320E-07	1.520E-07	9.350E-08	1.506E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		3.940	0.643	1.031	100.000	100.000	9.100	1.136		
H-3 4.490E+03										
CONCEN (UC/ML)		1.641E-13	2.429E-12	1.073E-12			1.116E-13	1.199E-12	5.795E-19	1.00E-07
CURIES		1.380E-06	2.550E-05	9.020E-06			9.340E-07	1.311E-04		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		96.060	99.357	98.969			90.900	98.864		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		1.437E-06	2.566E-05	9.114E-06	1.320E-07	1.520E-07	1.027E-06	1.326E-04		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (CU. METERS)		8.410E+06	1.050E+07	8.410E+06	9.010E+06	9.900E+06	8.370E+06	1.093E+08		
GRAND TOTALS (CURIES)		1.437E-06	2.566E-05	9.114E-06	1.320E-07	1.520E-07	1.027E-06	1.326E-04		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-H

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

SIM DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/SIM-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CO-60	1.924E+03							
CURIES						2.280E-03		2.280E-03
% OF TOTAL						81.429		81.429
FE-55	9.782E+02							
CURIES						4.400E-04		4.400E-04
% OF TOTAL						15.714		15.714
K-40	4.709E+11							
CURIES						3.000E-05		3.000E-05
% OF TOTAL						1.071		1.071
NI-63	3.650E+04							
CURIES						5.000E-05		5.000E-05
% OF TOTAL						1.786		1.786
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES						2.800E-03		2.800E-03
% OF TOTAL						100.000		100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)						3.625E+00		3.625E+00
WEIGHT (KILOGRAMS)						1.640E+03		1.640E+03

GRAND TOTALS (CURIES)						2.800E-03		2.800E-03

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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S5G AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NRF/S1M-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		3.675E-10	1.971E-10	7.423E-10	2.817E-10	2.727E-10	4.539E-10	2.595E-10	5.880E-17	1.00E-08	
CURIES		7.130E-03	4.750E-03	1.440E-02	5.860E-03	6.190E-03	8.760E-03	6.425E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		42.209	31.800	70.182	39.961	32.116	41.700	37.016			
C-14	2.092E+06										
CONCEN (UC/ML)		4.943E-10	4.149E-10	3.134E-10	4.187E-10	5.639E-10	6.218E-10	3.949E-10	8.950E-17	6.00E-09	
CURIES		9.590E-03	1.000E-02	6.080E-03	8.710E-03	1.280E-02	1.200E-02	9.779E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		56.772	66.948	29.632	59.397	66.410	57.124	56.340			
GROSS-BETA											
CONCEN (UC/ML)		1.237E-15	2.162E-15	3.552E-15	5.865E-15	4.405E-15	2.233E-15	2.821E-15	6.393E-22		
CURIES		2.400E-08	5.210E-08	6.890E-08	1.220E-07	1.000E-07	4.310E-08	6.985E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL					0.001	0.001					
H-3	4.490E+03										
CONCEN (UC/ML)		8.866E-12	7.759E-12	1.964E-12	4.519E-12	1.251E-11	1.280E-11	4.657E-11	1.055E-17	1.00E-07	
CURIES		1.720E-04	1.870E-04	3.810E-05	9.400E-05	2.840E-04	2.470E-04	1.153E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		1.018	1.252	0.186	0.641	1.473	1.176	6.643			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		1.689E-02	1.494E-02	2.052E-02	1.466E-02	1.927E-02	2.101E-02	1.736E-01			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		1.940E+07	2.410E+07	1.940E+07	2.080E+07	2.270E+07	1.930E+07	2.476E+08			
GRAND TOTALS (CURIES)		1.689E-02	1.494E-02	2.052E-02	1.466E-02	1.927E-02	2.101E-02	1.736E-01			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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**NRF Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

AIR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		6.515E-11	8.044E-11	4.589E-11	4.766E-11	7.292E-11	4.391E-11	5.826E-11	2.887E-17	1.00E-08	
CURIES		1.570E-03	1.810E-03	1.340E-03	1.020E-03	2.720E-03	1.910E-03	1.037E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		29.060	30.797	31.144	30.972	33.235	27.972	30.601			
C-14	2.092E+06										
CONCEN (UC/ML)		1.552E-10	1.804E-10	1.000E-10	1.051E-10	1.464E-10	1.009E-10	1.282E-10	6.353E-17	6.00E-09	
CURIES		3.740E-03	4.060E-03	2.920E-03	2.250E-03	5.460E-03	4.390E-03	2.282E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		69.226	69.080	67.866	68.321	66.715	64.292	67.339			
GROSS-BETA											
CONCEN (UC/ML)		2.041E-14	1.076E-14	1.733E-14	9.019E-15	4.584E-15	5.379E-15	1.033E-14	5.117E-21		
CURIES		4.920E-07	2.420E-07	5.060E-07	1.930E-07	1.710E-07	2.340E-07	1.838E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.009	0.004	0.012	0.006	0.002	0.003	0.005			
H-3	4.490E+03										
CONCEN (UC/ML)		3.822E-12	3.120E-13	1.442E-12	1.079E-12	1.056E-13	1.214E-11	3.912E-12	1.938E-18	1.00E-07	
CURIES		9.210E-05	7.020E-06	4.210E-05	2.310E-05	3.940E-06	5.280E-04	6.963E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		1.705	0.119	0.978	0.701	0.048	7.733	2.055			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		5.403E-03	5.877E-03	4.303E-03	3.293E-03	8.184E-03	6.828E-03	3.389E-02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		2.410E+07	2.250E+07	2.920E+07	2.140E+07	3.730E+07	4.350E+07	1.780E+08			
GRAND TOTALS (CURIES)		5.403E-03	5.877E-03	4.303E-03	3.293E-03	8.184E-03	6.828E-03	3.389E-02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

AIH-RMDS AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		3.206E-09	4.203E-09	2.463E-09	2.406E-09	6.605E-09	2.236E-08	4.365E-09	2.163E-15	1.00E-08	
CURIES		1.590E-02	1.950E-02	1.480E-02	1.150E-02	3.230E-02	2.030E-02	1.143E-01			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		99.823	99.759	99.484	99.786	81.058	99.802	93.639			
GROSS-BETA											
CONCEN (UC/ML)		1.944E-14	1.032E-14	1.586E-14	8.201E-15	1.540E-09	4.460E-14	2.875E-10	1.425E-16		
CURIES		9.640E-08	4.790E-08	9.530E-08	3.920E-08	7.530E-03	4.050E-08	7.530E-03			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.001		0.001		18.897		6.169			
H-3	4.490E+03										
CONCEN (UC/ML)		5.665E-12	1.013E-11	1.275E-11	5.146E-12	3.722E-12	4.427E-11	8.962E-12	4.441E-18	1.00E-07	
CURIES		2.810E-05	4.700E-05	7.660E-05	2.460E-05	1.820E-05	4.020E-05	2.347E-04			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.176	0.240	0.515	0.213	0.046	0.198	0.192			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		1.593E-02	1.955E-02	1.488E-02	1.152E-02	3.985E-02	2.034E-02	1.221E-01			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		4.960E+06	4.640E+06	6.010E+06	4.780E+06	4.890E+06	9.080E+05	2.619E+07			
GRAND TOTALS (CURIES)		1.593E-02	1.955E-02	1.488E-02	1.152E-02	3.985E-02	2.034E-02	1.221E-01			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ECF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
C-14	2.092E+06										
CONCEN (UC/ML)		3.912E-15	1.512E-15	1.824E-15	2.044E-15	2.182E-15	2.973E-15	2.398E-15	1.795E-21	6.00E-09	
CURIES		2.750E-07	1.110E-07	1.550E-07	1.380E-07	1.610E-07	2.450E-07	1.085E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.005		0.001	0.005	0.004	0.005	0.002			
GROSS-BETA											
CONCEN (UC/ML)		1.306E-14	9.537E-15	4.376E-14	8.741E-15	6.084E-15	8.677E-15	1.568E-14	1.173E-20		
CURIES		9.180E-07	7.000E-07	3.720E-06	5.900E-07	4.490E-07	7.150E-07	7.092E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.018	0.002	0.015	0.022	0.011	0.015	0.010			
H-3	4.490E+03										
CONCEN (UC/ML)		7.454E-11	4.101E-10	2.953E-10	3.896E-11	5.745E-11	5.643E-11	1.591E-10	1.191E-16	1.00E-07	
CURIES		5.240E-03	3.010E-02	2.510E-02	2.630E-03	4.240E-03	4.650E-03	7.196E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		99.969	99.996	99.983	99.961	99.971	99.970	99.985			
I-131	8.040E+00										
CONCEN (UC/ML)		6.046E-15	4.550E-15	3.753E-15	4.341E-15	8.306E-15	5.182E-15	5.329E-15	3.989E-21	4.00E-10	
CURIES		4.250E-07	3.340E-07	3.190E-07	2.930E-07	6.130E-07	4.270E-07	2.411E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.008	0.001	0.001	0.011	0.014	0.009	0.003			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		5.242E-03	3.010E-02	2.510E-02	2.631E-03	4.241E-03	4.651E-03	7.197E-02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		7.030E+07	7.340E+07	8.500E+07	6.750E+07	7.380E+07	8.240E+07	4.524E+08			
GRAND TOTALS (CURIES)		5.242E-03	3.010E-02	2.510E-02	2.631E-03	4.241E-03	4.651E-03	7.197E-02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ECF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
C-14	2.092E+06							
CURIES		4.756E-01		9.903E-02	3.741E-01	9.900E-02		1.048E+00
% OF TOTAL		0.003		0.002	0.002	0.002		0.002
CO-57	2.710E+02							
CURIES				3.150E-04	6.000E-06			3.210E-04
% OF TOTAL								
CO-58	7.091E+01							
CURIES		5.652E+01	1.130E-01	7.503E+01	6.917E+01	5.430E+01		2.551E+02
% OF TOTAL		0.311	12.996	1.618	0.450	1.229		0.599
CO-60	1.924E+03							
CURIES		3.696E+03	2.298E-01	9.921E+02	4.029E+03	9.800E+02		9.698E+03
% OF TOTAL		20.322	26.434	21.391	26.216	22.182		22.757
CR-51	2.770E+01							
CURIES		1.931E+00		2.810E+01	6.630E+00	1.230E+01		4.896E+01
% OF TOTAL		0.011		0.606	0.043	0.278		0.115
CS-137	1.101E+04							
CURIES				5.860E-04	1.410E-01			1.416E-01
% OF TOTAL					0.001			
EU-152	4.891E+03							
CURIES				6.730E-04	1.300E-05			6.860E-04
% OF TOTAL								
EU-154	3.103E+03							
CURIES				4.240E-04	8.000E-06			4.320E-04
% OF TOTAL								
FE-55	9.782E+02							
CURIES		2.361E+03	4.270E-01	7.501E+02	2.468E+03	7.330E+02		6.313E+03
% OF TOTAL		12.978	49.111	16.174	16.060	16.591		14.813
FE-59	4.451E+01							
CURIES					1.100E-05			1.100E-05
% OF TOTAL								
H-3	4.490E+03							
CURIES		2.186E-05		6.330E-06	2.319E-05	6.300E-06		5.768E-05
% OF TOTAL								
HF-175	7.000E+01							
CURIES		3.604E+02						3.604E+02
% OF TOTAL		1.981						0.846

IDAHO OPERATIONS OFFICE
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ECF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
HF-181 CURIES % OF TOTAL	4.240E+01	6.014E+02 3.306						6.014E+02 1.411
I-129 CURIES % OF TOTAL	5.840E+09			1.000E-10	3.721E-10			4.721E-10
MN-54 CURIES % OF TOTAL	3.122E+02	1.600E-02	2.000E-02 2.300	4.627E-03	1.343E-02			5.405E-02
NB-94 CURIES % OF TOTAL	7.300E+06	1.674E-03						1.674E-03
NB-95 CURIES % OF TOTAL	3.498E+01	1.776E+02 0.976		3.090E+02 6.663	2.253E+02 1.466	2.160E+02 4.889		9.279E+02 2.177
NI-59 CURIES % OF TOTAL	2.774E+07	5.440E+01 0.299		1.530E+01 0.330	5.780E+01 0.376	1.530E+01 0.346		1.428E+02 0.335
NI-63 CURIES % OF TOTAL	3.650E+04	7.190E+03 39.529	7.963E-02 9.159	2.030E+03 43.771	7.640E+03 49.707	2.030E+03 45.948		1.889E+04 44.326
RU-106 CURIES % OF TOTAL	3.726E+02	1.912E-03		7.060E-04	5.470E-04	1.130E-04		3.278E-03
SB-125 CURIES % OF TOTAL	1.007E+03	1.912E+02 1.051		5.510E+01 1.188	1.815E+02 1.181	5.380E+01 1.218		4.816E+02 1.130
SN-113 CURIES % OF TOTAL	1.151E+02	2.660E-01 0.001						2.660E-01 0.001
SN-119M CURIES % OF TOTAL	2.930E+02	5.650E+02 3.106		2.430E+02 5.239	5.860E+02 3.813	2.250E+02 5.093		1.619E+03 3.799
SR-90 CURIES % OF TOTAL	1.059E+04				1.190E-02			1.190E-02

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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ECF DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
TA-182	1.145E+02							
CURIES		2.059E+03						2.059E+03
% OF TOTAL		11.320						4.831
TC-99	7.775E+07							
CURIES		1.190E-04		3.333E-05	1.259E-04	3.330E-05		3.115E-04
% OF TOTAL								
M-185	7.480E+01							
CURIES		7.930E+02						7.930E+02
% OF TOTAL		4.360						1.861
ZR-95	6.403E+01							
CURIES		8.102E+01		1.400E+02	1.056E+02	9.820E+01		4.248E+02
% OF TOTAL		0.445		3.019	0.687	2.223		0.997
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		1.819E+04	8.695E-01	4.638E+03	1.537E+04	4.418E+03		4.262E+04
% OF TOTAL		100.000	100.000	100.000	100.000	100.000		99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		3.232E+01	1.608E+01	4.874E+01	9.868E+01	3.735E+01		2.332E+02
WEIGHT (KILOGRAMS)		2.322E+04	6.046E+03	1.700E+04	2.946E+04	7.892E+03		8.361E+04
GRAND TOTALS (CURIES)		1.819E+04	8.695E-01	4.638E+03	1.537E+04	4.418E+03		4.262E+04

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 LEAK TO GROUND OUTSIDE ECF
 FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
C-14	2.092E+06									
CONCEN (UC/ML)			4.100E-08					4.100E-08	7.00E-05	0.06
CURIES			9.700E-06					9.700E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.018					0.018		
CO-58	7.091E+01									
CONCEN (UC/ML)			8.030E-08					8.030E-08	4.00E-05	0.20
CURIES			1.900E-05					1.900E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.036					0.036		
CO-60	1.924E+03									
CONCEN (UC/ML)			1.691E-06					1.691E-06	5.00E-06	33.81
CURIES			4.000E-04					4.000E-04		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.762					0.762		
CS-137	1.101E+04									
CONCEN (UC/ML)			4.649E-08					4.649E-08	3.00E-06	1.55
CURIES			1.100E-05					1.100E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.021					0.021		
H-3	4.490E+03									
CONCEN (UC/ML)			2.198E-04					2.198E-04	2.00E-03	10.99
CURIES			5.200E-02					5.200E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			99.019					99.019		
MN-54	3.122E+02									
CONCEN (UC/ML)			3.001E-08					3.001E-08	5.00E-05	0.06
CURIES			7.100E-06					7.100E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.014					0.014		
NI-63	3.650E+04									
CONCEN (UC/ML)			2.790E-07					2.790E-07	3.00E-04	0.09
CURIES			6.600E-05					6.600E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.126					0.126		

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SCHED. NO. P61PM009-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

LEAK TO GROUND OUTSIDE ECF
FOR JAN THROUGH JUN 1992

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NRF/NRF-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
SR-90	1.059E+04									
CONCEN (UC/ML)			5.072E-09					5.072E-09	1.00E-06	0.51
CURIES			1.200E-06					1.200E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.002					0.002		
Y-90	2.667E+00									
CONCEN (UC/ML)			5.072E-09					5.072E-09	1.00E-05	0.05
CURIES			1.200E-06					1.200E-06		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL			0.002					0.002		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES			5.252E-02					5.252E-02		
% OF TOTAL			100.000					100.000		
VOLUME (LITERS)			2.366E+05					2.366E+05		
GRAND TOTALS (CURIES)			5.252E-02					5.252E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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MISC. SOURCES AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BETA											
CONCEN (UC/ML)		5.231E-14	6.240E-15	3.762E-15			2.059E-15	5.849E-15			
CURIES		8.160E-10	2.440E-11	3.800E-10			2.800E-10	1.500E-09			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		100.000	100.000	100.000			100.000	100.000			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		8.160E-10	2.440E-11	3.800E-10			2.800E-10	1.500E-09			
% OF TOTAL		100.000	100.000	100.000			100.000	100.000			
VOLUME (CU. METERS)		1.560E+04	3.910E+03	1.010E+05			1.360E+05	2.565E+05			

GRAND TOTALS (CURIES)		8.160E-10	2.440E-11	3.800E-10			2.800E-10	1.500E-09			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

SIM AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-BETA										
CONCEN (UC/ML)		1.848E-14	1.346E-14	2.038E-14	8.549E-15	1.522E-14	1.219E-14	1.486E-14	7.179E-21	
CURIES		1.610E-07	1.100E-07	2.140E-07	7.190E-08	1.280E-07	1.280E-07	8.129E-07		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		0.384	0.598	100.000	1.948	2.796	0.488	0.855		
H-3										
CONCEN (UC/ML)	4.490E+03	4.799E-12	2.240E-12		4.304E-13	5.291E-13	2.486E-12	1.723E-12	8.326E-19	1.00E-07
CURIES		4.180E-05	1.830E-05		3.620E-06	4.450E-06	2.610E-05	9.427E-05		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL		99.616	99.403		98.053	97.204	99.512	99.145		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		4.196E-05	1.841E-05	2.140E-07	3.692E-06	4.578E-06	2.623E-05	9.508E-05		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (CU. METERS)		8.710E+06	8.170E+06	1.050E+07	8.410E+06	8.410E+06	1.050E+07	5.470E+07		

GRAND TOTALS (CURIES)		4.196E-05	1.841E-05	2.140E-07	3.692E-06	4.578E-06	2.623E-05	9.508E-05		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
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SSG AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NRF/SIM-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)			1.166E-11	2.107E-10	2.500E-10	1.865E-10	1.682E-10	1.408E-10	3.190E-17	1.00E-08	
CURIES			2.180E-04	5.120E-03	4.800E-03	3.320E-03	3.700E-03	1.716E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			14.380	23.737	33.548	34.533	19.382	25.889			
C-14	2.092E+06										
CONCEN (UC/ML)			5.337E-11	5.350E-10	4.755E-10	3.275E-10	4.386E-10	3.167E-10	7.177E-17	6.00E-09	
CURIES			9.980E-04	1.300E-02	9.130E-03	5.830E-03	9.650E-03	3.861E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			65.830	60.269	63.810	60.640	50.550	58.255			
GROSS-BETA											
CONCEN (UC/ML)		5.879E-15	1.193E-15	2.444E-15	7.552E-16	2.483E-15	1.409E-15	2.366E-15	5.361E-22		
CURIES		1.170E-07	2.230E-08	5.940E-08	1.450E-08	4.420E-08	3.100E-08	2.884E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		0.066	0.001								
H-3	4.490E+03										
CONCEN (UC/ML)		8.844E-12	1.604E-11	1.420E-10	1.969E-11	2.607E-11	2.609E-10	8.620E-11	1.953E-17	1.00E-07	
CURIES		1.760E-04	3.000E-04	3.450E-03	3.780E-04	4.640E-04	5.740E-03	1.051E-02			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		99.934	19.789	15.994	2.642	4.826	30.068	15.855			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		1.761E-04	1.516E-03	2.157E-02	1.431E-02	9.614E-03	1.909E-02	6.627E-02			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000			
VOLUME (CU. METERS)		1.990E+07	1.870E+07	2.430E+07	1.920E+07	1.780E+07	2.200E+07	1.219E+08			
GRAND TOTALS (CURIES)		1.761E-04	1.516E-03	2.157E-02	1.431E-02	9.614E-03	1.909E-02	6.627E-02			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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Power Burst Facility 1992 Detail Data

Power Burst Facility (PBF) Bar Graph of Annual Data by Month	PBF-3
CY-1992 Bar Graph	PBF-5
PBF Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	PBF-7
Report 130—PBF Airborne Waste Summary	PBF-9
PBF Detail Data for Months January to June	
Annual Average Concentration and Total Curies for January to June	PBF-11
Report 130—PBF Airborne Waste Summary	PBF-13

Power Burst Facility (PBF) Bar Graph of Annual Data by Month

Power Burst Facility (PBF) Monthly Details - CY-1992

PBF Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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PBF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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PBF-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CS-137	1.101E+04										
CONCEN (UC/ML)								5.623E-16	4.250E-23	4.00E-10	
CURIES								3.280E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								6.492			
GROSS-ALPHA											
CONCEN (UC/ML)		1.067E-15	3.435E-16					4.039E-16	3.053E-23		
CURIES		4.960E-09	1.650E-09					2.356E-08			
UNCERT(CURIES)		2.050E-08	3.340E-07								
UNCERT(UC/ML)											
% OF TOTAL		100.000	14.461					4.663			
GROSS-BETA											
CONCEN (UC/ML)			1.033E-15		4.367E-15	6.871E-16	5.685E-15	3.591E-15	2.714E-22		
CURIES			4.960E-09		2.030E-08	3.300E-09	2.420E-08	2.095E-07			
UNCERT(CURIES)			1.910E-08		1.390E-08	3.300E-09	4.540E-09				
UNCERT(UC/ML)											
% OF TOTAL			43.471		100.000	34.447	84.203	41.465			
SR-90	1.059E+04										
CONCEN (UC/ML)			4.997E-16			6.538E-16	5.332E-16	2.052E-15	1.551E-22	9.00E-12	
CURIES			2.400E-09			3.140E-09	2.270E-09	1.197E-07			
UNCERT(CURIES)			1.500E-09			3.300E-10	3.030E-10				
UNCERT(UC/ML)											
% OF TOTAL			21.034			32.777	7.898	23.690			
Y-90	2.667E+00										
CONCEN (UC/ML)			4.997E-16			6.538E-16	5.332E-16	2.052E-15	1.551E-22	1.00E-09	
CURIES			2.400E-09			3.140E-09	2.270E-09	1.197E-07			
UNCERT(CURIES)			1.500E-09			3.300E-10	3.030E-10				
UNCERT(UC/ML)											
% OF TOTAL			21.034			32.777	7.898	23.690			

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SCHED. NO. P61PM009-0

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U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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PBF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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PBF-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		4.960E-09	1.650E-09					2.356E-08		
% OF TOTAL		100.000	14.461					4.663		
B+G CURIES			9.760E-09		2.030E-08	9.580E-09	2.874E-08	4.816E-07		
% OF TOTAL			85.539		100.000	100.000	100.000	95.336		
VOLUME (CU. METERS)		4.649E+06	4.803E+06	4.803E+06	4.649E+06	4.803E+06	4.257E+06	5.833E+07		
GRAND TOTALS (CURIES)		4.960E-09	1.141E-08		2.030E-08	9.580E-09	2.874E-08	5.052E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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**PBF Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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PBF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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PBF-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CON**	YEARLY RELEASE % OF CG
CS-137	1.101E+04										
CONCEN (UC/ML)				6.840E-15				1.080E-15	8.164E-23	4.00E-10	
CURIES				3.280E-08				3.280E-08			
UNCERT(CURIES)				8.440E-09							
UNCERT(UC/ML)											
% OF TOTAL				9.111				7.624			
GROSS-ALPHA											
CONCEN (UC/ML)		2.166E-15					1.135E-15	5.582E-16	4.219E-23		
CURIES		1.150E-08					5.450E-09	1.695E-08			
UNCERT(CURIES)		1.450E-08					1.230E-08				
UNCERT(UC/ML)											
% OF TOTAL		52.036					14.499	3.940			
GROSS-BETA											
CONCEN (UC/ML)			3.447E-16	2.815E-14	9.399E-16		3.102E-15	5.161E-15	3.901E-22		
CURIES			1.830E-09	1.350E-07	4.990E-09		1.490E-08	1.567E-07			
UNCERT(CURIES)			4.120E-08	5.710E-08	1.810E-08		2.240E-08				
UNCERT(UC/ML)											
% OF TOTAL			100.000	37.500	100.000		39.638	36.429			
SR-90	1.059E+04										
CONCEN (UC/ML)		9.983E-16		2.004E-14			3.820E-16	1.795E-15	3.684E-15	2.784E-22	9.00E-12
CURIES		5.300E-09		9.610E-08			1.850E-09	8.620E-09	1.119E-07		
UNCERT(CURIES)		2.240E-09		2.040E-09			3.700E-09	1.740E-09			
UNCERT(UC/ML)											
% OF TOTAL		23.982		26.694		50.000	22.932	26.004			
Y-90	2.667E+00										
CONCEN (UC/ML)		9.983E-16		2.004E-14			3.820E-16	1.795E-15	3.684E-15	2.784E-22	1.00E-09
CURIES		5.300E-09		9.610E-08			1.850E-09	8.620E-09	1.119E-07		
UNCERT(CURIES)		2.240E-09		2.040E-09			3.700E-09	1.740E-09			
UNCERT(UC/ML)											
% OF TOTAL		23.982		26.694		50.000	22.932	26.004			

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PBF AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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PBF-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		1.150E-08					5.450E-09	1.695E-08			
% OF TOTAL		52.036					14.499	3.940			
B+G CURIES		1.060E-08	1.830E-09	3.600E-07	4.990E-09	3.700E-09	3.214E-08	4.133E-07			
% OF TOTAL		47.964	100.000	100.000	100.000	100.000	85.501	96.060			
VOLUME (CU. METERS)		5.309E+06	5.309E+06	4.795E+06	5.309E+06	4.843E+06	4.803E+06	3.037E+07			
GRAND TOTALS (CURIES)		2.210E-08	1.830E-09	3.600E-07	4.990E-09	3.700E-09	3.759E-08	4.302E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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Radioactive Waste Management Complex 1992 Detail Data

Radioactive Waste Management Complex (WMC) Bar Graph of Annual Data by Month	WMC-3
CY-1992 Bar Graph	WMC-5
WMC Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	WMC-7
Report 708—Drum Vent Stack Airborne Waste Summary	WMC-9
WMC Detail Data for Months January to June	
Annual Average Concentration and Total Curies for January to June	WMC-11
Report 708—Drum Vent Stack Airborne Waste Summary	WMC-13

Radioactive Waste Management Complex (WMC) Bar Graph of Annual Data by Month

Waste Management Complex (WMC) Monthly Details - CY-1992

WMC-5

WMC Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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DRUMVENT STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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WMC/SMP-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA										
CONCEN (UC/ML)						3.052E-16		1.526E-16	1.583E-23	
CURIES						2.130E-09		2.130E-09		
UNCERT(CURIES)						2.130E-09				
UNCERT(UC/ML)										
% OF TOTAL						93.503		31.472		
GROSS-BETA										
CONCEN (UC/ML)						2.121E-17		3.323E-16	3.446E-23	
CURIES						1.480E-10		4.638E-09		
UNCERT(CURIES)						2.940E-09				
UNCERT(UC/ML)										
% OF TOTAL						6.497		68.528		
TOTALS										
ALPHA CURIES						2.130E-09		2.130E-09		
% OF TOTAL						93.503		31.472		
B+G CURIES						1.480E-10		4.638E-09		
% OF TOTAL						6.497		68.528		
VOLUME (CU. METERS)						6.978E+06		1.396E+07		

GRAND TOTALS (CURIES)						2.278E-09		6.768E-09		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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**WMC Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

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DRUMVENT STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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WMC/SMP-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-BETA										
CONCEN (UC/ML)							6.435E-16	6.435E-16	6.673E-23	
CURIES							4.490E-09	4.490E-09		
UNCERT(CURIES)							4.930E-09			
UNCERT(UC/ML)										
% OF TOTAL							100.000	100.000		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES							4.490E-09	4.490E-09		
% OF TOTAL							100.000	100.000		
VOLUME (CU. METERS)							6.978E+06	6.978E+06		
GRAND TOTALS (CURIES)							4.490E-09	4.490E-09		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCS value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

WMC-13

Special Manufacturing Capability 1992 Detail Data

Special Manufacturing Capability (SMC) Bar Graphs of Annual Data by Month	SMC-3
CY-1992 Bar Graphs	SMC-5
SMC Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	SMC-7
Report 731—SMC Airborne Waste Summary	SMC-9
Report 733—SMC Disposed Solid Waste Summary	SMC-10
SMC Detail Data for Months January to June	
Annual Average Concentration and Total Curies for January to June	SMC-11
Report 731—SMC Airborne Waste Summary	SMC-13
SMC Facility Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	SMC-15
Report 741—Exhaust Fan P1 Airborne Waste Summary	SMC-17
Report 742—Laser Punch P1 Airborne Waste Summary	SMC-19
Report 754—Liquid Reclaim Airborne Waste Summary	SMC-21
Report 738—MDF Prod Floor Airborne Waste Summary	SMC-23
Report 739—MDF QC Lab Airborne Waste Summary	SMC-25
Report 748—N. Process S9 Airborne Waste Summary	SMC-27
Report 749—N. Process S10 Airborne Waste Summary	SMC-29
Report 750—N. Process S11 Airborne Waste Summary	SMC-31
Report 753—PRF Stack S14 Airborne Waste Summary	SMC-33
Report 751—Scrap Handling Airborne Waste Summary	SMC-35
Report 745—S. Process S6 Airborne Waste Summary	SMC-37
Report 746—S. Process S7 Airborne Waste Summary	SMC-39
Report 747—S. Process S8 Airborne Waste Summary	SMC-41
Report 744—2B Area Phase 1 Airborne Waste Summary	SMC-43
SMC Facility Detail Data for Months January to June	
Annual Average Concentration and Total Curies January to June	SMC-45
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Special Manufacturing Capability (SMC) Bar Graphs of Annual Data by Month

Special Manufacturing Capability (SMC) Monthly Details - CY-1992

SMC-5

**SMC Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

SMC AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 731
SMC-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		1.170E-15	2.523E-15	1.568E-15	2.752E-15	3.580E-15	2.971E-15	1.624E-15	1.104E-21	2.00E-08	
CURIES		2.850E-07	6.500E-07	5.060E-07	6.470E-07	8.100E-07	6.990E-07	4.949E-06			
% OF TOTAL		31.987	31.973	31.945	31.951	31.940	31.933	21.062			
PA-234M	4.875E-02										
CONCEN (UC/ML)								8.436E-16	5.735E-22		
CURIES								2.570E-06			
% OF TOTAL								10.938			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.170E-15	2.523E-15	1.568E-15	2.752E-15	3.580E-15	2.971E-15	2.468E-15	1.678E-21	4.00E-10	
CURIES		2.850E-07	6.500E-07	5.060E-07	6.470E-07	8.100E-07	6.990E-07	7.519E-06			
% OF TOTAL		31.987	31.973	31.945	31.951	31.940	31.933	32.000			
U-234	8.943E+07										
CONCEN (UC/ML)		1.478E-16	3.222E-16	2.045E-16	3.574E-16	4.685E-16	3.911E-16	3.085E-16	2.097E-22	9.00E-14	
CURIES		3.600E-08	8.300E-08	6.600E-08	8.400E-08	1.060E-07	9.200E-08	9.400E-07			
% OF TOTAL		4.040	4.083	4.167	4.148	4.180	4.203	4.001			
U-238	1.631E+12										
CONCEN (UC/ML)		1.170E-15	2.523E-15	1.568E-15	2.752E-15	3.580E-15	2.971E-15	2.468E-15	1.678E-21	1.00E-13	
CURIES		2.850E-07	6.500E-07	5.060E-07	6.470E-07	8.100E-07	6.990E-07	7.519E-06			
% OF TOTAL		31.987	31.973	31.945	31.951	31.940	31.933	32.000			
TOTALS											
ALPHA CURIES		3.210E-07	7.330E-07	5.720E-07	7.310E-07	9.160E-07	7.910E-07	8.459E-06			
% OF TOTAL		36.027	36.055	36.111	36.099	36.120	36.135	36.000			
B+G CURIES		5.700E-07	1.300E-06	1.012E-06	1.294E-06	1.620E-06	1.398E-06	1.504E-05			
% OF TOTAL		63.973	63.945	63.889	63.902	63.880	63.865	63.999			
VOLUME (CU. METERS)		2.435E+08	2.576E+08	3.227E+08	2.351E+08	2.262E+08	2.352E+08	3.047E+09			
GRAND TOTALS (CURIES)		8.910E-07	2.033E-06	1.584E-06	2.025E-06	2.536E-06	2.189E-06	2.350E-05			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

SMC DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT 733
SMC-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
U-238	1.631E+12							
CURIES						3.481E-05	2.205E-03	2.239E-03
% OF TOTAL						100.000	100.000	100.000
GRAMS						1.036E+02	6.561E+03	6.665E+03
TOTALS								
ALPHA CURIES						3.481E-05	2.205E-03	2.239E-03
% OF TOTAL						100.000	100.000	100.000
B+G CURIES								
% OF TOTAL								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								
WEIGHT (KILOGRAMS)								

GRAND TOTALS (CURIES)						3.481E-05	2.205E-03	2.239E-03

SMC-10

SMC Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

SMC AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 731
SMC-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	SMC-A YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						2.467E-15	2.702E-15	8.859E-16	6.022E-22	2.00E-08	
CURIES						5.800E-07	7.720E-07	1.352E-06			
% OF TOTAL						32.027	32.047	11.047			
PA-234M	4.875E-02										
CONCEN (UC/ML)		2.049E-15	2.978E-15	2.404E-15	2.715E-15			1.684E-15	1.145E-21		
CURIES		3.910E-07	7.670E-07	7.740E-07	6.380E-07			2.570E-06			
% OF TOTAL		32.128	32.039	32.023	32.044			20.998			
TH-234	2.410E+01										
CONCEN (UC/ML)		2.049E-15	2.978E-15	2.404E-15	2.715E-15	2.467E-15	2.702E-15	2.570E-15	1.747E-21	4.00E-10	
CURIES		3.910E-07	7.670E-07	7.740E-07	6.380E-07	5.800E-07	7.720E-07	3.922E-06			
% OF TOTAL		32.128	32.039	32.023	32.044	32.027	32.047	32.045			
U-234	8.943E+07										
CONCEN (UC/ML)		2.306E-16	3.611E-16	2.950E-16	3.276E-16	3.020E-16	3.255E-16	3.099E-16	2.107E-22	9.00E-14	
CURIES		4.400E-08	9.300E-08	9.500E-08	7.700E-08	7.100E-08	9.300E-08	4.730E-07			
% OF TOTAL		3.615	3.885	3.931	3.867	3.921	3.861	3.865			
U-238	1.631E+12										
CONCEN (UC/ML)		2.049E-15	2.978E-15	2.404E-15	2.715E-15	2.467E-15	2.702E-15	2.570E-15	1.747E-21	1.00E-13	
CURIES		3.910E-07	7.670E-07	7.740E-07	6.380E-07	5.800E-07	7.720E-07	3.922E-06			
% OF TOTAL		32.128	32.039	32.023	32.044	32.027	32.047	32.045			
TOTALS											
ALPHA CURIES		4.350E-07	8.600E-07	8.690E-07	7.150E-07	6.510E-07	8.650E-07	4.395E-06			
% OF TOTAL		35.744	35.923	35.954	35.912	35.947	35.907	35.909			
B+G CURIES		7.820E-07	1.534E-06	1.548E-06	1.276E-06	1.160E-06	1.544E-06	7.844E-06			
% OF TOTAL		64.256	64.077	64.047	64.089	64.053	64.093	64.090			
VOLUME (CU. METERS)		1.908E+08	2.575E+08	3.220E+08	2.350E+08	2.351E+08	2.857E+08	1.526E+09			
GRAND TOTALS (CURIES)		1.217E-06	2.394E-06	2.417E-06	1.991E-06	1.811E-06	2.409E-06	1.224E-05			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

SMC-13

**SMC Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

EXHAUST FAN P1 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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SMC-A

YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		1.440E-15	2.202E-15	1.486E-15	2.606E-15	4.211E-15	3.191E-15	1.789E-15	7.700E-22	2.00E-08	
CURIES		5.600E-08	8.300E-08	7.000E-08	9.800E-08	1.520E-07	1.200E-07	8.380E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	31.923	31.963	31.922	31.933	31.915	20.335			
PA-234M	4.875E-02										
CONCEN (UC/ML)								1.023E-15	4.401E-22		
CURIES								4.790E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								11.623			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.440E-15	2.202E-15	1.486E-15	2.606E-15	4.211E-15	3.191E-15	2.812E-15	1.210E-21	4.00E-10	
CURIES		5.600E-08	8.300E-08	7.000E-08	9.800E-08	1.520E-07	1.200E-07	1.317E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	31.923	31.963	31.922	31.933	31.915	31.958			
U-234	8.943E+07										
CONCEN (UC/ML)		1.799E-16	2.918E-16	1.911E-16	3.457E-16	5.540E-16	4.255E-16	3.630E-16	1.562E-22	9.00E-14	
CURIES		7.000E-09	1.100E-08	9.000E-09	1.300E-08	2.000E-08	1.600E-08	1.700E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.000	4.231	4.110	4.235	4.202	4.255	4.125			
U-238	1.631E+12										
CONCEN (UC/ML)		1.440E-15	2.202E-15	1.486E-15	2.606E-15	4.211E-15	3.191E-15	2.812E-15	1.210E-21	1.00E-13	
CURIES		5.600E-08	8.300E-08	7.000E-08	9.800E-08	1.520E-07	1.200E-07	1.317E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	31.923	31.963	31.922	31.933	31.915	31.958			

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

EXHAUST FAN P1 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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SMC-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		6.300E-08	9.400E-08	7.900E-08	1.110E-07	1.720E-07	1.360E-07	1.487E-06		
% OF TOTAL		36.000	36.154	36.073	36.156	36.134	36.170	36.083		
B+G CURIES		1.120E-07	1.660E-07	1.400E-07	1.960E-07	3.040E-07	2.400E-07	2.634E-06		
% OF TOTAL		64.000	63.846	63.927	63.844	63.866	63.830	63.916		
VOLUME (CU. METERS)		3.890E+07	3.770E+07	4.710E+07	3.760E+07	3.610E+07	3.760E+07	4.683E+08		
GRAND TOTALS (CURIES)		1.750E-07	2.600E-07	2.190E-07	3.070E-07	4.760E-07	3.760E-07	4.121E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

LASER PUNCH P1 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 742
SMC-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		2.673E-15	4.382E-15	1.115E-15	3.902E-15	4.068E-15	2.443E-15	2.125E-15	9.145E-22	2.00E-08	
CURIES		1.700E-08	2.200E-08	7.000E-09	2.400E-08	2.400E-08	1.500E-08	1.500E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	31.884	31.818	32.000	32.000	31.915	20.950			
PA-234M	4.875E-02										
CONCEN (UC/ML)								1.133E-15	4.877E-22		
CURIES								8.000E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								11.173			
TH-234	2.410E+01										
CONCEN (UC/ML)		2.673E-15	4.382E-15	1.115E-15	3.902E-15	4.068E-15	2.443E-15	3.259E-15	1.402E-21	4.00E-10	
CURIES		1.700E-08	2.200E-08	7.000E-09	2.400E-08	2.400E-08	1.500E-08	2.300E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	31.884	31.818	32.000	32.000	31.915	32.123			
U-234	8.943E+07										
CONCEN (UC/ML)		3.145E-16	5.976E-16	1.592E-16	4.878E-16	5.085E-16	3.257E-16	3.684E-16	1.585E-22	9.00E-14	
CURIES		2.000E-09	3.000E-09	1.000E-09	3.000E-09	3.000E-09	2.000E-09	2.600E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.774	4.348	4.545	4.000	4.000	4.255	3.631			
U-238	1.631E+12										
CONCEN (UC/ML)		2.673E-15	4.382E-15	1.115E-15	3.902E-15	4.068E-15	2.443E-15	3.259E-15	1.402E-21	1.00E-13	
CURIES		1.700E-08	2.200E-08	7.000E-09	2.400E-08	2.400E-08	1.500E-08	2.300E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	31.884	31.818	32.000	32.000	31.915	32.123			

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

LASER PUNCH P1 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 2 RPT. 742
SMC-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		1.900E-08	2.500E-08	8.000E-09	2.700E-08	2.700E-08	1.700E-08	2.560E-07		
% OF TOTAL		35.849	36.232	36.364	36.000	36.000	36.170	35.754		
B+G CURIES		3.400E-08	4.400E-08	1.400E-08	4.800E-08	4.800E-08	3.000E-08	4.600E-07		
% OF TOTAL		64.151	63.768	63.636	64.000	64.000	63.830	64.246		
VOLUME (CU. METERS)		6.360E+06	5.020E+06	6.280E+06	6.150E+06	5.900E+06	6.140E+06	7.058E+07		
GRAND TOTALS (CURIES)		5.300E-08	6.900E-08	2.200E-08	7.500E-08	7.500E-08	4.700E-08	7.160E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

LIQUID RECLAIM AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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SMC-A

YEARLY

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		8.421E-16	1.838E-15	1.379E-15	2.108E-15	3.146E-15	2.919E-15	1.368E-15	3.525E-22	2.00E-08	
CURIES		1.600E-08	3.400E-08	3.200E-08	3.900E-08	5.600E-08	5.400E-08	3.150E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.076	32.000	31.967	32.000	31.953	20.013			
PA-234M	4.875E-02										
CONCEN (UC/ML)								8.210E-16	2.115E-22		
CURIES								1.890E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								12.008			
TH-234	2.410E+01										
CONCEN (UC/ML)		8.421E-16	1.838E-15	1.379E-15	2.108E-15	3.146E-15	2.919E-15	2.189E-15	5.640E-22	4.00E-10	
CURIES		1.600E-08	3.400E-08	3.200E-08	3.900E-08	5.600E-08	5.400E-08	5.040E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.076	32.000	31.967	32.000	31.953	32.020			
U-234	8.943E+07										
CONCEN (UC/ML)		1.053E-16	2.162E-16	1.724E-16	2.703E-16	3.933E-16	3.784E-16	2.693E-16	6.938E-23	9.00E-14	
CURIES		2.000E-09	4.000E-09	4.000E-09	5.000E-09	7.000E-09	7.000E-09	6.200E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.000	3.774	4.000	4.098	4.000	4.142	3.939			
U-238	1.631E+12										
CONCEN (UC/ML)		8.421E-16	1.838E-15	1.379E-15	2.108E-15	3.146E-15	2.919E-15	2.189E-15	5.640E-22	1.00E-13	
CURIES		1.600E-08	3.400E-08	3.200E-08	3.900E-08	5.600E-08	5.400E-08	5.040E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.076	32.000	31.967	32.000	31.953	32.020			

SMC-21

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

LIQUID RECLAIM AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		1.800E-08	3.800E-08	3.600E-08	4.400E-08	6.300E-08	6.100E-08	5.660E-07		
% OF TOTAL		36.000	35.849	36.000	36.066	36.000	36.095	35.959		
B+G CURIES		3.200E-08	6.800E-08	6.400E-08	7.800E-08	1.120E-07	1.080E-07	1.008E-06		
% OF TOTAL		64.000	64.151	64.000	63.934	64.000	63.905	64.041		
VOLUME (CU. METERS)		1.900E+07	1.850E+07	2.320E+07	1.850E+07	1.780E+07	1.850E+07	2.302E+08		
GRAND TOTALS (CURIES)		5.000E-08	1.060E-07	1.000E-07	1.220E-07	1.750E-07	1.690E-07	1.574E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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MDF PROD FLOOR AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		1.686E-15	2.222E-15	1.793E-15	2.794E-15	4.641E-15	1.626E-15	1.437E-15	7.219E-22	2.00E-08	
CURIES		4.300E-08	1.100E-07	1.110E-07	6.900E-08	1.100E-07	4.000E-08	6.290E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.852	31.977	31.988	31.944	31.977	32.000	19.462			
PA-234M	4.875E-02										
CONCEN (UC/ML)								9.232E-16	4.637E-22		
CURIES								4.040E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								12.500			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.686E-15	2.222E-15	1.793E-15	2.794E-15	4.641E-15	1.626E-15	2.361E-15	1.186E-21	4.00E-10	
CURIES		4.300E-08	1.100E-07	1.110E-07	6.900E-08	1.100E-07	4.000E-08	1.033E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.852	31.977	31.988	31.944	31.977	32.000	31.962			
U-234	8.943E+07										
CONCEN (UC/ML)		2.353E-16	2.828E-16	2.262E-16	3.644E-16	5.907E-16	2.033E-16	3.039E-16	1.527E-22	9.00E-14	
CURIES		6.000E-09	1.400E-08	1.400E-08	9.000E-09	1.400E-08	5.000E-09	1.330E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.444	4.070	4.035	4.167	4.070	4.000	4.115			
U-238	1.631E+12										
CONCEN (UC/ML)		1.686E-15	2.222E-15	1.793E-15	2.794E-15	4.641E-15	1.626E-15	2.361E-15	1.186E-21	1.00E-13	
CURIES		4.300E-08	1.100E-07	1.110E-07	6.900E-08	1.100E-07	4.000E-08	1.033E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.852	31.977	31.988	31.944	31.977	32.000	31.962			

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		4.900E-08	1.240E-07	1.250E-07	7.800E-08	1.240E-07	4.500E-08	1.166E-06		
% OF TOTAL		36.296	36.047	36.023	36.111	36.047	36.000	36.077		
B+G CURIES		8.600E-08	2.200E-07	2.220E-07	1.380E-07	2.200E-07	8.000E-08	2.066E-06		
% OF TOTAL		63.704	63.953	63.977	63.889	63.953	64.000	63.923		
VOLUME (CU. METERS)		2.550E+07	4.950E+07	6.190E+07	2.470E+07	2.370E+07	2.460E+07	4.376E+08		
GRAND TOTALS (CURIES)		1.350E-07	3.440E-07	3.470E-07	2.160E-07	3.440E-07	1.250E-07	3.232E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		5.521E-16	3.038E-15	1.421E-15	4.051E-15	4.605E-15	5.063E-16	1.607E-15	8.073E-22	2.00E-08	
CURIES		9.000E-09	4.800E-08	2.800E-08	6.400E-08	7.000E-08	8.000E-09	3.160E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.000	31.818	32.000	31.963	32.000	20.427			
PA-234M	4.875E-02										
CONCEN (UC/ML)								9.105E-16	4.573E-22		
CURIES								1.790E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								11.571			
TH-234	2.410E+01										
CONCEN (UC/ML)		5.521E-16	3.038E-15	1.421E-15	4.051E-15	4.605E-15	5.063E-16	2.518E-15	1.265E-21	4.00E-10	
CURIES		9.000E-09	4.800E-08	2.800E-08	6.400E-08	7.000E-08	8.000E-09	4.950E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.000	31.818	32.000	31.963	32.000	31.997			
U-234	8.943E+07										
CONCEN (UC/ML)		6.135E-17	3.797E-16	2.030E-16	5.063E-16	5.921E-16	6.329E-17	3.154E-16	1.584E-22	9.00E-14	
CURIES		1.000E-09	6.000E-09	4.000E-09	8.000E-09	9.000E-09	1.000E-09	6.200E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.571	4.000	4.545	4.000	4.110	4.000	4.008			
U-238	1.631E+12										
CONCEN (UC/ML)		5.521E-16	3.038E-15	1.421E-15	4.051E-15	4.605E-15	5.063E-16	2.518E-15	1.265E-21	1.00E-13	
CURIES		9.000E-09	4.800E-08	2.800E-08	6.400E-08	7.000E-08	8.000E-09	4.950E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.000	31.818	32.000	31.963	32.000	31.997			

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MDF QC LAB AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		1.000E-08	5.400E-08	3.200E-08	7.200E-08	7.900E-08	9.000E-09	5.570E-07		
% OF TOTAL		35.714	36.000	36.364	36.000	36.073	36.000	36.005		
B+G CURIES		1.800E-08	9.600E-08	5.600E-08	1.280E-07	1.400E-07	1.600E-08	9.900E-07		
% OF TOTAL		64.286	64.000	63.636	64.000	63.927	64.000	63.995		
VOLUME (CU. METERS)		1.630E+07	1.580E+07	1.970E+07	1.580E+07	1.520E+07	1.580E+07	1.966E+08		
GRAND TOTALS (CURIES)		2.800E-08	1.500E-07	8.800E-08	2.000E-07	2.190E-07	2.500E-08	1.547E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		9.333E-16	1.862E-15	1.154E-15	1.448E-15	2.950E-15	3.793E-15	1.335E-15	9.077E-22	2.00E-08	
CURIES		1.400E-08	2.700E-08	2.100E-08	2.100E-08	4.100E-08	5.500E-08	2.410E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.818	32.143	31.818	31.818	32.031	31.977	24.617			
PA-234M	4.875E-02										
CONCEN (UC/ML)								4.044E-16	2.749E-22		
CURIES								7.300E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								7.457			
TH-234	2.410E+01										
CONCEN (UC/ML)		9.333E-16	1.862E-15	1.154E-15	1.448E-15	2.950E-15	3.793E-15	1.740E-15	1.183E-21	4.00E-10	
CURIES		1.400E-08	2.700E-08	2.100E-08	2.100E-08	4.100E-08	5.500E-08	3.140E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.818	32.143	31.818	31.818	32.031	31.977	32.074			
U-234	8.943E+07										
CONCEN (UC/ML)		1.333E-16	2.069E-16	1.648E-16	2.069E-16	3.597E-16	4.828E-16	2.050E-16	1.394E-22	9.00E-14	
CURIES		2.000E-09	3.000E-09	3.000E-09	3.000E-09	5.000E-09	7.000E-09	3.700E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.545	3.571	4.545	4.545	3.906	4.070	3.779			
U-238	1.631E+12										
CONCEN (UC/ML)		9.333E-16	1.862E-15	1.154E-15	1.448E-15	2.950E-15	3.793E-15	1.740E-15	1.183E-21	1.00E-13	
CURIES		1.400E-08	2.700E-08	2.100E-08	2.100E-08	4.100E-08	5.500E-08	3.140E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.818	32.143	31.818	31.818	32.031	31.977	32.074			

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		1.600E-08	3.000E-08	2.400E-08	2.400E-08	4.600E-08	6.200E-08	3.510E-07		
% OF TOTAL		36.364	35.714	36.364	36.364	35.938	36.047	35.853		
B+G CURIES		2.800E-08	5.400E-08	4.200E-08	4.200E-08	8.200E-08	1.100E-07	6.280E-07		
% OF TOTAL		63.636	64.286	63.636	63.636	64.063	63.953	64.147		
VOLUME (CU. METERS)		1.500E+07	1.450E+07	1.820E+07	1.450E+07	1.390E+07	1.450E+07	1.805E+08		
GRAND TOTALS (CURIES)		4.400E-08	8.400E-08	6.600E-08	6.600E-08	1.280E-07	1.720E-07	9.790E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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N. PROCESS S10 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		9.740E-16	2.617E-15	1.613E-15	2.770E-15	4.266E-15	4.228E-15	1.867E-15	1.269E-21	2.00E-08	
CURIES		1.500E-08	3.900E-08	3.000E-08	4.100E-08	6.100E-08	6.300E-08	3.460E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.915	31.967	31.915	32.031	31.937	31.980	22.733			
PA-234M	4.875E-02										
CONCEN (UC/ML)								7.609E-16	5.173E-22		
CURIES								1.410E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								9.264			
TH-234	2.410E+01										
CONCEN (UC/ML)		9.740E-16	2.617E-15	1.613E-15	2.770E-15	4.266E-15	4.228E-15	2.628E-15	1.787E-21	4.00E-10	
CURIES		1.500E-08	3.900E-08	3.000E-08	4.100E-08	6.100E-08	6.300E-08	4.870E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.915	31.967	31.915	32.031	31.937	31.980	31.997			
U-234	8.943E+07										
CONCEN (UC/ML)		1.299E-16	3.356E-16	2.151E-16	3.378E-16	5.594E-16	5.369E-16	3.292E-16	2.238E-22	9.00E-14	
CURIES		2.000E-09	5.000E-09	4.000E-09	5.000E-09	8.000E-09	8.000E-09	6.100E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.255	4.098	4.255	3.906	4.188	4.061	4.008			
U-238	1.631E+12										
CONCEN (UC/ML)		9.740E-16	2.617E-15	1.613E-15	2.770E-15	4.266E-15	4.228E-15	2.628E-15	1.787E-21	1.00E-13	
CURIES		1.500E-08	3.900E-08	3.000E-08	4.100E-08	6.100E-08	6.300E-08	4.870E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.915	31.967	31.915	32.031	31.937	31.980	31.997			

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		1.700E-08	4.400E-08	3.400E-08	4.600E-08	6.900E-08	7.100E-08	5.480E-07			
% OF TOTAL		36.170	36.066	36.170	35.938	36.126	36.041	36.005			
B+G CURIES		3.000E-08	7.800E-08	6.000E-08	8.200E-08	1.220E-07	1.260E-07	9.740E-07			
% OF TOTAL		63.830	63.934	63.830	64.063	63.874	63.959	63.995			
VOLUME (CU. METERS)		1.540E+07	1.490E+07	1.860E+07	1.480E+07	1.430E+07	1.490E+07	1.853E+08			
GRAND TOTALS (CURIES)		4.700E-08	1.220E-07	9.400E-08	1.280E-07	1.910E-07	1.970E-07	1.522E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		6.494E-16	1.558E-15	1.495E-15	2.365E-15	2.587E-15	2.500E-15	1.251E-15	8.507E-22	2.00E-08	
CURIES		1.000E-08	2.400E-08	2.900E-08	3.500E-08	3.700E-08	3.700E-08	2.350E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.258	32.000	31.868	31.818	31.897	31.897	22.949			
PA-234M	4.875E-02										
CONCEN (UC/ML)								4.952E-16	3.366E-22		
CURIES								9.300E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								9.082			
TH-234	2.410E+01										
CONCEN (UC/ML)		6.494E-16	1.558E-15	1.495E-15	2.365E-15	2.587E-15	2.500E-15	1.747E-15	1.187E-21	4.00E-10	
CURIES		1.000E-08	2.400E-08	2.900E-08	3.500E-08	3.700E-08	3.700E-08	3.280E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.258	32.000	31.868	31.818	31.897	31.897	32.031			
U-234	8.943E+07										
CONCEN (UC/ML)		6.494E-17	1.948E-16	2.062E-16	3.378E-16	3.497E-16	3.378E-16	2.130E-16	1.448E-22	9.00E-14	
CURIES		1.000E-09	3.000E-09	4.000E-09	5.000E-09	5.000E-09	5.000E-09	4.000E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.226	4.000	4.396	4.545	4.310	4.310	3.906			
U-238	1.631E+12										
CONCEN (UC/ML)		6.494E-16	1.558E-15	1.495E-15	2.365E-15	2.587E-15	2.500E-15	1.747E-15	1.187E-21	1.00E-13	
CURIES		1.000E-08	2.400E-08	2.900E-08	3.500E-08	3.700E-08	3.700E-08	3.280E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.258	32.000	31.868	31.818	31.897	31.897	32.031			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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N. PROCESS S11 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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SMC-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		1.100E-08	2.700E-08	3.300E-08	4.000E-08	4.200E-08	4.200E-08	3.680E-07			
% OF TOTAL		35.484	36.000	36.264	36.364	36.207	36.207	35.937			
B+G CURIES		2.000E-08	4.800E-08	5.800E-08	7.000E-08	7.400E-08	7.400E-08	6.560E-07			
% OF TOTAL		64.516	64.000	63.736	63.636	63.793	63.793	64.062			
VOLUME (CU. METERS)		1.540E+07	1.540E+07	1.940E+07	1.480E+07	1.430E+07	1.480E+07	1.878E+08			

GRAND TOTALS (CURIES)		3.100E-08	7.500E-08	9.100E-08	1.100E-07	1.160E-07	1.160E-07	1.024E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

PRF STACK S14 AIRBORNE WASTE SUMMARY
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YEARLY

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		1.179E-15	3.032E-15	1.737E-15	3.883E-15	3.260E-15	4.339E-15	2.020E-15	5.205E-22	2.00E-08	
CURIES		2.300E-08	5.700E-08	4.100E-08	7.300E-08	5.900E-08	8.200E-08	4.740E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.944	32.022	32.031	32.018	31.892	31.907	21.076			
PA-234M	4.875E-02										
CONCEN (UC/ML)								1.049E-15	2.701E-22		
CURIES								2.460E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								10.938			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.179E-15	3.032E-15	1.737E-15	3.883E-15	3.260E-15	4.339E-15	3.069E-15	7.906E-22	4.00E-10	
CURIES		2.300E-08	5.700E-08	4.100E-08	7.300E-08	5.900E-08	8.200E-08	7.200E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.944	32.022	32.031	32.018	31.892	31.907	32.014			
U-234	8.943E+07										
CONCEN (UC/ML)		1.538E-16	3.723E-16	2.119E-16	4.787E-16	4.420E-16	5.820E-16	3.794E-16	9.773E-23	9.00E-14	
CURIES		3.000E-09	7.000E-09	5.000E-09	9.000E-09	8.000E-09	1.100E-08	8.900E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.167	3.933	3.906	3.947	4.324	4.280	3.957			
U-238	1.631E+12										
CONCEN (UC/ML)		1.179E-15	3.032E-15	1.737E-15	3.883E-15	3.260E-15	4.339E-15	3.069E-15	7.906E-22	1.00E-13	
CURIES		2.300E-08	5.700E-08	4.100E-08	7.300E-08	5.900E-08	8.200E-08	7.200E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.944	32.022	32.031	32.018	31.892	31.907	32.014			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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PRF STACK S14 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		2.600E-08	6.400E-08	4.600E-08	8.200E-08	6.700E-08	9.300E-08	8.090E-07		
% OF TOTAL		36.111	35.955	35.938	35.965	36.216	36.187	35.972		
B+G CURIES		4.600E-08	1.140E-07	8.200E-08	1.460E-07	1.180E-07	1.640E-07	1.440E-06		
% OF TOTAL		63.889	64.045	64.063	64.035	63.784	63.813	64.028		
VOLUME (CU. METERS)		1.950E+07	1.880E+07	2.360E+07	1.880E+07	1.810E+07	1.890E+07	2.346E+08		
GRAND TOTALS (CURIES)		7.200E-08	1.780E-07	1.280E-07	2.280E-07	1.850E-07	2.570E-07	2.249E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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SCRAP HANDLING AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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SMC-A

YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		8.947E-16	5.989E-15	1.535E-15	3.115E-15	3.277E-15	2.174E-15	1.735E-15	4.469E-22	2.00E-08	
CURIES		1.700E-08	1.090E-07	3.500E-08	5.700E-08	5.800E-08	4.000E-08	3.950E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	31.965	31.818	32.022	31.868	32.000	23.456			
PA-234M	4.875E-02										
CONCEN (UC/ML)								6.324E-16	1.629E-22		
CURIES								1.440E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								8.551			
TH-234	2.410E+01										
CONCEN (UC/ML)		8.947E-16	5.989E-15	1.535E-15	3.115E-15	3.277E-15	2.174E-15	2.367E-15	6.098E-22	4.00E-10	
CURIES		1.700E-08	1.090E-07	3.500E-08	5.700E-08	5.800E-08	4.000E-08	5.390E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	31.965	31.818	32.022	31.868	32.000	32.007			
U-234	8.943E+07										
CONCEN (UC/ML)		1.053E-16	7.692E-16	2.193E-16	3.825E-16	4.520E-16	2.717E-16	2.942E-16	7.580E-23	9.00E-14	
CURIES		2.000E-09	1.400E-08	5.000E-09	7.000E-09	8.000E-09	5.000E-09	6.700E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.774	4.106	4.545	3.933	4.396	4.000	3.979			
U-238	1.631E+12										
CONCEN (UC/ML)		8.947E-16	5.989E-15	1.535E-15	3.115E-15	3.277E-15	2.174E-15	2.367E-15	6.098E-22	1.00E-13	
CURIES		1.700E-08	1.090E-07	3.500E-08	5.700E-08	5.800E-08	4.000E-08	5.390E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	31.965	31.818	32.022	31.868	32.000	32.007			

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U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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SCRAP HANDLING AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		1.900E-08	1.230E-07	4.000E-08	6.400E-08	6.600E-08	4.500E-08	6.060E-07			
% OF TOTAL		35.849	36.070	36.364	35.955	36.264	36.000	35.986			
B+G CURIES		3.400E-08	2.180E-07	7.000E-08	1.140E-07	1.160E-07	8.000E-08	1.078E-06			
% OF TOTAL		64.151	63.930	63.636	64.045	63.736	64.000	64.014			
VOLUME (CU. METERS)		1.900E+07	1.820E+07	2.280E+07	1.830E+07	1.770E+07	1.840E+07	2.277E+08			
GRAND TOTALS (CURIES)		5.300E-08	3.410E-07	1.100E-07	1.780E-07	1.820E-07	1.250E-07	1.684E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
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S. PROCESS S6 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		5.195E-16	1.486E-15	8.065E-16	2.432E-15	1.479E-15	3.514E-15	1.312E-15	8.922E-22	2.00E-08	
CURIES		8.000E-09	2.200E-08	1.500E-08	3.600E-08	2.100E-08	5.200E-08	2.420E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	31.884	31.915	31.858	31.818	31.902	21.685			
PA-234M	4.875E-02										
CONCEN (UC/ML)								6.236E-16	4.240E-22		
CURIES								1.150E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								10.305			
TH-234	2.410E+01										
CONCEN (UC/ML)		5.195E-16	1.486E-15	8.065E-16	2.432E-15	1.479E-15	3.514E-15	1.936E-15	1.316E-21	4.00E-10	
CURIES		8.000E-09	2.200E-08	1.500E-08	3.600E-08	2.100E-08	5.200E-08	3.570E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	31.884	31.915	31.858	31.818	31.902	31.989			
U-234	8.943E+07										
CONCEN (UC/ML)		6.494E-17	2.027E-16	1.075E-16	3.378E-16	2.113E-16	4.730E-16	2.440E-16	1.659E-22	9.00E-14	
CURIES		1.000E-09	3.000E-09	2.000E-09	5.000E-09	3.000E-09	7.000E-09	4.500E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.000	4.348	4.255	4.425	4.545	4.294	4.032			
U-238	1.631E+12										
CONCEN (UC/ML)		5.195E-16	1.486E-15	8.065E-16	2.432E-15	1.479E-15	3.514E-15	1.936E-15	1.316E-21	1.00E-13	
CURIES		8.000E-09	2.200E-08	1.500E-08	3.600E-08	2.100E-08	5.200E-08	3.570E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	31.884	31.915	31.858	31.818	31.902	31.989			

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S. PROCESS S6 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		9.000E-09	2.500E-08	1.700E-08	4.100E-08	2.400E-08	5.900E-08	4.020E-07			
% OF TOTAL		36.000	36.232	36.170	36.283	36.364	36.196	36.021			
B+G CURIES		1.600E-08	4.400E-08	3.000E-08	7.200E-08	4.200E-08	1.040E-07	7.140E-07			
% OF TOTAL		64.000	63.768	63.830	63.717	63.636	63.804	63.978			
VOLUME (CU. METERS)		1.540E+07	1.480E+07	1.860E+07	1.480E+07	1.420E+07	1.480E+07	1.844E+08			
GRAND TOTALS (CURIES)		2.500E-08	6.900E-08	4.700E-08	1.130E-07	6.600E-08	1.630E-07	1.116E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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S. PROCESS S7 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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SMC-A

YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		1.039E-15	1.622E-15	1.237E-15	2.500E-15	3.147E-15	2.365E-15	1.333E-15	9.064E-22	2.00E-08	
CURIES		1.600E-08	2.400E-08	2.300E-08	3.700E-08	4.500E-08	3.500E-08	2.460E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.000	31.944	31.897	31.915	31.818	21.062			
PA-234M	4.875E-02										
CONCEN (UC/ML)								6.938E-16	4.716E-22		
CURIES								1.280E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								10.959			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.039E-15	1.622E-15	1.237E-15	2.500E-15	3.147E-15	2.365E-15	2.027E-15	1.378E-21	4.00E-10	
CURIES		1.600E-08	2.400E-08	2.300E-08	3.700E-08	4.500E-08	3.500E-08	3.740E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.000	31.944	31.897	31.915	31.818	32.021			
U-234	8.943E+07										
CONCEN (UC/ML)		1.299E-16	2.027E-16	1.613E-16	3.378E-16	4.196E-16	3.378E-16	2.493E-16	1.695E-22	9.00E-14	
CURIES		2.000E-09	3.000E-09	3.000E-09	5.000E-09	6.000E-09	5.000E-09	4.600E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.000	4.000	4.167	4.310	4.255	4.545	3.938			
U-238	1.631E+12										
CONCEN (UC/ML)		1.039E-15	1.622E-15	1.237E-15	2.500E-15	3.147E-15	2.365E-15	2.027E-15	1.378E-21	1.00E-13	
CURIES		1.600E-08	2.400E-08	2.300E-08	3.700E-08	4.500E-08	3.500E-08	3.740E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.000	31.944	31.897	31.915	31.818	32.021			

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S. PROCESS S7 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		1.800E-08	2.700E-08	2.600E-08	4.200E-08	5.100E-08	4.000E-08	4.200E-07			
% OF TOTAL		36.000	36.000	36.111	36.207	36.170	36.364	35.959			
B+G CURIES		3.200E-08	4.800E-08	4.600E-08	7.400E-08	9.000E-08	7.000E-08	7.480E-07			
% OF TOTAL		64.000	64.000	63.889	63.793	63.830	63.636	64.041			
VOLUME (CU. METERS)		1.540E+07	1.480E+07	1.860E+07	1.480E+07	1.430E+07	1.480E+07	1.845E+08			
GRAND TOTALS (CURIES)		5.000E-08	7.500E-08	7.200E-08	1.160E-07	1.410E-07	1.100E-07	1.168E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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S. PROCESS S8 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		1.429E-15	2.500E-15	3.065E-15	2.230E-15	2.657E-15	4.459E-15	1.848E-15	1.256E-21	2.00E-08	
CURIES		2.200E-08	3.700E-08	5.700E-08	3.300E-08	3.800E-08	6.600E-08	3.410E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.884	31.897	32.022	32.039	31.933	31.884	19.486			
PA-234M	4.875E-02										
CONCEN (UC/ML)								1.187E-15	8.069E-22		
CURIES								2.190E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								12.514			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.429E-15	2.500E-15	3.065E-15	2.230E-15	2.657E-15	4.459E-15	3.035E-15	2.063E-21	4.00E-10	
CURIES		2.200E-08	3.700E-08	5.700E-08	3.300E-08	3.800E-08	6.600E-08	5.600E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.884	31.897	32.022	32.039	31.933	31.884	32.000			
U-234	8.943E+07										
CONCEN (UC/ML)		1.948E-16	3.378E-16	3.763E-16	2.703E-16	3.497E-16	6.081E-16	3.794E-16	2.579E-22	9.00E-14	
CURIES		3.000E-09	5.000E-09	7.000E-09	4.000E-09	5.000E-09	9.000E-09	7.000E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.348	4.310	3.933	3.883	4.202	4.348	4.000			
U-238	1.631E+12										
CONCEN (UC/ML)		1.429E-15	2.500E-15	3.065E-15	2.230E-15	2.657E-15	4.459E-15	3.035E-15	2.063E-21	1.00E-13	
CURIES		2.200E-08	3.700E-08	5.700E-08	3.300E-08	3.800E-08	6.600E-08	5.600E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.884	31.897	32.022	32.039	31.933	31.884	32.000			

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U.S. DEPARTMENT OF ENERGY
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S. PROCESS S8 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		2.500E-08	4.200E-08	6.400E-08	3.700E-08	4.300E-08	7.500E-08	6.300E-07			
% OF TOTAL		36.232	36.207	35.955	35.922	36.134	36.232	36.000			
B+G CURIES		4.400E-08	7.400E-08	1.140E-07	6.600E-08	7.600E-08	1.320E-07	1.120E-06			
% OF TOTAL		63.768	63.793	64.045	64.078	63.866	63.768	64.000			
VOLUME (CU. METERS)		1.540E+07	1.480E+07	1.860E+07	1.480E+07	1.430E+07	1.480E+07	1.845E+08			

GRAND TOTALS (CURIES)		6.900E-08	1.160E-07	1.780E-07	1.030E-07	1.190E-07	2.070E-07	1.750E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

2B AREA PHASE1 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)		2.742E-15	2.851E-15	1.140E-15	2.981E-15	5.901E-15	4.776E-15	2.446E-15	1.052E-21	2.00E-08	
CURIES		1.900E-08	1.400E-08	7.000E-09	2.000E-08	3.800E-08	3.200E-08	1.810E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.203	31.818	31.818	31.746	31.933	32.000	22.209			
PA-234M	4.875E-02										
CONCEN (UC/ML)								1.081E-15	4.651E-22		
CURIES								8.000E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL								9.816			
TH-234	2.410E+01										
CONCEN (UC/ML)		2.742E-15	2.851E-15	1.140E-15	2.981E-15	5.901E-15	4.776E-15	3.527E-15	1.517E-21	4.00E-10	
CURIES		1.900E-08	1.400E-08	7.000E-09	2.000E-08	3.800E-08	3.200E-08	2.610E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.203	31.818	31.818	31.746	31.933	32.000	32.025			
U-234	8.943E+07										
CONCEN (UC/ML)		2.886E-16	4.073E-16	1.629E-16	4.471E-16	7.764E-16	5.970E-16	4.324E-16	1.860E-22	9.00E-14	
CURIES		2.000E-09	2.000E-09	1.000E-09	3.000E-09	5.000E-09	4.000E-09	3.200E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.390	4.545	4.545	4.762	4.202	4.000	3.926			
U-238	1.631E+12										
CONCEN (UC/ML)		2.742E-15	2.851E-15	1.140E-15	2.981E-15	5.901E-15	4.776E-15	3.527E-15	1.517E-21	1.00E-13	
CURIES		1.900E-08	1.400E-08	7.000E-09	2.000E-08	3.800E-08	3.200E-08	2.610E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.203	31.818	31.818	31.746	31.933	32.000	32.025			

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2B AREA PHASE1 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		2.100E-08	1.600E-08	8.000E-09	2.300E-08	4.300E-08	3.600E-08	2.930E-07			
% OF TOTAL		35.593	36.364	36.364	36.508	36.134	36.000	35.951			
B+G CURIES		3.800E-08	2.800E-08	1.400E-08	4.000E-08	7.600E-08	6.400E-08	5.220E-07			
% OF TOTAL		64.407	63.636	63.636	63.492	63.866	64.000	64.049			
VOLUME (CU. METERS)		6.930E+06	4.910E+06	6.140E+06	6.710E+06	6.440E+06	6.700E+06	7.401E+07			
GRAND TOTALS (CURIES)		5.900E-08	4.400E-08	2.200E-08	6.300E-08	1.190E-07	1.000E-07	8.150E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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**SMC Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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EXHAUST FAN P1 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						3.173E-15	3.070E-15	1.110E-15	4.777E-22	2.00E-08	
CURIES						1.190E-07	1.400E-07	2.590E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						31.989	31.963	11.222			
PA-234M	4.875E-02										
CONCEN (UC/ML)		3.094E-15	3.581E-15	2.803E-15	3.351E-15			2.053E-15	8.835E-22		
CURIES		8.600E-08	1.350E-07	1.320E-07	1.260E-07			4.790E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.970	31.991	31.961	31.980			20.754			
TH-234	2.410E+01										
CONCEN (UC/ML)		3.094E-15	3.581E-15	2.803E-15	3.351E-15	3.173E-15	3.070E-15	3.163E-15	1.361E-21	4.00E-10	
CURIES		8.600E-08	1.350E-07	1.320E-07	1.260E-07	1.190E-07	1.400E-07	7.380E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.970	31.991	31.961	31.980	31.989	31.963	31.976			
U-234	8.943E+07										
CONCEN (UC/ML)		3.957E-16	4.509E-16	3.609E-16	4.255E-16	4.000E-16	3.947E-16	4.029E-16	1.734E-22	9.00E-14	
CURIES		1.100E-08	1.700E-08	1.700E-08	1.600E-08	1.500E-08	1.800E-08	9.400E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.089	4.028	4.116	4.061	4.032	4.110	4.073			
U-238	1.631E+12										
CONCEN (UC/ML)		3.094E-15	3.581E-15	2.803E-15	3.351E-15	3.173E-15	3.070E-15	3.163E-15	1.361E-21	1.00E-13	
CURIES		8.600E-08	1.350E-07	1.320E-07	1.260E-07	1.190E-07	1.400E-07	7.380E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		31.970	31.991	31.961	31.980	31.989	31.963	31.976			

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EXHAUST FAN P1 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		9.700E-08	1.520E-07	1.490E-07	1.420E-07	1.340E-07	1.580E-07	8.320E-07		
% OF TOTAL		36.059	36.019	36.077	36.041	36.021	36.073	36.049		
B+G CURIES		1.720E-07	2.700E-07	2.640E-07	2.520E-07	2.380E-07	2.800E-07	1.476E-06		
% OF TOTAL		63.941	63.981	63.923	63.959	63.979	63.927	63.951		
VOLUME (CU. METERS)		2.780E+07	3.770E+07	4.710E+07	3.760E+07	3.750E+07	4.560E+07	2.333E+08		
GRAND TOTALS (CURIES)		2.690E-07	4.220E-07	4.130E-07	3.940E-07	3.720E-07	4.380E-07	2.308E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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LASER PUNCH P1 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						2.932E-15	3.087E-15	1.181E-15	5.080E-22	2.00E-08	
CURIES						1.800E-08	2.300E-08	4.100E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.143	32.394	10.933			
PA-234M	4.875E-02										
CONCEN (UC/ML)		2.703E-15	5.777E-15	3.025E-15	3.583E-15			2.303E-15	9.912E-22		
CURIES		1.000E-08	2.900E-08	1.900E-08	2.200E-08			8.000E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.258	32.222	32.203	32.353			21.333			
TH-234	2.410E+01										
CONCEN (UC/ML)		2.703E-15	5.777E-15	3.025E-15	3.583E-15	2.932E-15	3.087E-15	3.484E-15	1.499E-21	4.00E-10	
CURIES		1.000E-08	2.900E-08	1.900E-08	2.200E-08	1.800E-08	2.300E-08	1.210E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.258	32.222	32.203	32.353	32.143	32.394	32.267			
U-234	8.943E+07										
CONCEN (UC/ML)		2.703E-16	5.976E-16	3.185E-16	3.257E-16	3.257E-16	2.685E-16	3.455E-16	1.487E-22	9.00E-14	
CURIES		1.000E-09	3.000E-09	2.000E-09	2.000E-09	2.000E-09	2.000E-09	1.200E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.226	3.333	3.390	2.941	3.571	2.817	3.200			
U-238	1.631E+12										
CONCEN (UC/ML)		2.703E-15	5.777E-15	3.025E-15	3.583E-15	2.932E-15	3.087E-15	3.484E-15	1.499E-21	1.00E-13	
CURIES		1.000E-08	2.900E-08	1.900E-08	2.200E-08	1.800E-08	2.300E-08	1.210E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.258	32.222	32.203	32.353	32.143	32.394	32.267			

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LASER PUNCH P1 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		1.100E-08	3.200E-08	2.100E-08	2.400E-08	2.000E-08	2.500E-08	1.330E-07		
% OF TOTAL		35.484	35.556	35.593	35.294	35.714	35.211	35.467		
B+G CURIES		2.000E-08	5.800E-08	3.800E-08	4.400E-08	3.600E-08	4.600E-08	2.420E-07		
% OF TOTAL		64.516	64.444	64.407	64.706	64.286	64.789	64.533		
VOLUME (CU. METERS)		3.700E+06	5.020E+06	6.280E+06	6.140E+06	6.140E+06	7.450E+06	3.473E+07		
GRAND TOTALS (CURIES)		3.100E-08	9.000E-08	5.900E-08	6.800E-08	5.600E-08	7.100E-08	3.750E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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LIQUID RECLAIM AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						2.649E-15	1.556E-15	7.323E-16	1.887E-22	2.00E-08	
CURIES						4.900E-08	3.500E-08	8.400E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.026	32.110	9.859			
PA-234M	4.875E-02										
CONCEN (UC/ML)		1.912E-15	2.541E-15	2.511E-15	3.135E-15			1.648E-15	4.245E-22		
CURIES		2.600E-08	4.700E-08	5.800E-08	5.800E-08			1.890E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.099	31.973	32.044	32.044			22.183			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.912E-15	2.541E-15	2.511E-15	3.135E-15	2.649E-15	1.556E-15	2.380E-15	6.131E-22	4.00E-10	
CURIES		2.600E-08	4.700E-08	5.800E-08	5.800E-08	4.900E-08	3.500E-08	2.730E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.099	31.973	32.044	32.044	32.026	32.110	32.042			
U-234	8.943E+07										
CONCEN (UC/ML)		2.206E-16	3.243E-16	3.030E-16	3.784E-16	3.243E-16	1.778E-16	2.877E-16	7.411E-23	9.00E-14	
CURIES		3.000E-09	6.000E-09	7.000E-09	7.000E-09	6.000E-09	4.000E-09	3.300E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.704	4.082	3.867	3.867	3.922	3.670	3.873			
U-238	1.631E+12										
CONCEN (UC/ML)		1.912E-15	2.541E-15	2.511E-15	3.135E-15	2.649E-15	1.556E-15	2.380E-15	6.131E-22	1.00E-13	
CURIES		2.600E-08	4.700E-08	5.800E-08	5.800E-08	4.900E-08	3.500E-08	2.730E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.099	31.973	32.044	32.044	32.026	32.110	32.042			

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LIQUID RECLAIM AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		2.900E-08	5.300E-08	6.500E-08	6.500E-08	5.500E-08	3.900E-08	3.060E-07		
% OF TOTAL		35.802	36.054	35.912	35.912	35.948	35.780	35.915		
B+G CURIES		5.200E-08	9.400E-08	1.160E-07	1.160E-07	9.800E-08	7.000E-08	5.460E-07		
% OF TOTAL		64.198	63.946	64.088	64.088	64.052	64.220	64.084		
VOLUME (CU. METERS)		1.360E+07	1.850E+07	2.310E+07	1.850E+07	1.850E+07	2.250E+07	1.147E+08		
GRAND TOTALS (CURIES)		8.100E-08	1.470E-07	1.810E-07	1.810E-07	1.530E-07	1.090E-07	8.520E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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MDF PROD FLOOR AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						3.008E-15	2.408E-15	6.412E-16	3.220E-22	2.00E-08	
CURIES						7.400E-08	7.200E-08	1.460E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						31.897	32.000	8.483			
PA-234M	4.875E-02										
CONCEN (UC/ML)		9.677E-16	3.253E-15	2.504E-15	2.114E-15			1.774E-15	8.911E-22		
CURIES		3.600E-08	1.610E-07	1.550E-07	5.200E-08			4.040E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	31.944	31.959	31.902			23.475			
TH-234	2.410E+01										
CONCEN (UC/ML)		9.677E-16	3.253E-15	2.504E-15	2.114E-15	3.008E-15	2.408E-15	2.415E-15	1.213E-21	4.00E-10	
CURIES		3.600E-08	1.610E-07	1.550E-07	5.200E-08	7.400E-08	7.200E-08	5.500E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	31.944	31.959	31.902	31.897	32.000	31.958			
U-234	8.943E+07										
CONCEN (UC/ML)		1.075E-16	4.242E-16	3.231E-16	2.846E-16	4.065E-16	3.010E-16	3.118E-16	1.566E-22	9.00E-14	
CURIES		4.000E-09	2.100E-08	2.000E-08	7.000E-09	1.000E-08	9.000E-09	7.100E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.571	4.167	4.124	4.294	4.310	4.000	4.126			
U-238	1.631E+12										
CONCEN (UC/ML)		9.677E-16	3.253E-15	2.504E-15	2.114E-15	3.008E-15	2.408E-15	2.415E-15	1.213E-21	1.00E-13	
CURIES		3.600E-08	1.610E-07	1.550E-07	5.200E-08	7.400E-08	7.200E-08	5.500E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	31.944	31.959	31.902	31.897	32.000	31.958			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		4.000E-08	1.820E-07	1.750E-07	5.900E-08	8.400E-08	8.100E-08	6.210E-07		
% OF TOTAL		35.714	36.111	36.082	36.196	36.207	36.000	36.084		
B+G CURIES		7.200E-08	3.220E-07	3.100E-07	1.040E-07	1.480E-07	1.440E-07	1.100E-06		
% OF TOTAL		64.286	63.889	63.918	63.804	63.793	64.000	63.916		
VOLUME (CU. METERS)		3.720E+07	4.950E+07	6.190E+07	2.460E+07	2.460E+07	2.990E+07	2.277E+08		
GRAND TOTALS (CURIES)		1.120E-07	5.040E-07	4.850E-07	1.630E-07	2.320E-07	2.250E-07	1.721E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						1.962E-15	3.021E-15	9.082E-16	4.561E-22	2.00E-08	
CURIES						3.100E-08	5.800E-08	8.900E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						31.959	32.044	10.633			
PA-234M	4.875E-02										
CONCEN (UC/ML)		1.441E-15	3.885E-15	3.096E-15	2.532E-15			1.827E-15	9.174E-22		
CURIES		1.700E-08	6.100E-08	6.100E-08	4.000E-08			1.790E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	32.105	31.937	32.000			21.386			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.441E-15	3.885E-15	3.096E-15	2.532E-15	1.962E-15	3.021E-15	2.735E-15	1.374E-21	4.00E-10	
CURIES		1.700E-08	6.100E-08	6.100E-08	4.000E-08	3.100E-08	5.800E-08	2.680E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	32.105	31.937	32.000	31.959	32.044	32.019			
U-234	8.943E+07										
CONCEN (UC/ML)		1.695E-16	4.459E-16	4.061E-16	3.165E-16	2.532E-16	3.646E-16	3.367E-16	1.691E-22	9.00E-14	
CURIES		2.000E-09	7.000E-09	8.000E-09	5.000E-09	4.000E-09	7.000E-09	3.300E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.774	3.684	4.188	4.000	4.124	3.867	3.943			
U-238	1.631E+12										
CONCEN (UC/ML)		1.441E-15	3.885E-15	3.096E-15	2.532E-15	1.962E-15	3.021E-15	2.735E-15	1.374E-21	1.00E-13	
CURIES		1.700E-08	6.100E-08	6.100E-08	4.000E-08	3.100E-08	5.800E-08	2.680E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.075	32.105	31.937	32.000	31.959	32.044	32.019			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		1.900E-08	6.800E-08	6.900E-08	4.500E-08	3.500E-08	6.500E-08	3.010E-07			
% OF TOTAL		35.849	35.789	36.126	36.000	36.083	35.912	35.962			
B+G CURIES		3.400E-08	1.220E-07	1.220E-07	8.000E-08	6.200E-08	1.160E-07	5.360E-07			
% OF TOTAL		64.151	64.211	63.874	64.000	63.918	64.088	64.038			
VOLUME (CU. METERS)		1.180E+07	1.570E+07	1.970E+07	1.580E+07	1.580E+07	1.920E+07	9.800E+07			
GRAND TOTALS (CURIES)		5.300E-08	1.900E-07	1.910E-07	1.250E-07	9.700E-08	1.810E-07	8.370E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						2.069E-15	1.818E-15	6.897E-16	4.688E-22	2.00E-08	
CURIES						3.000E-08	3.200E-08	6.200E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.258	32.000	14.797			
PA-234M	4.875E-02										
CONCEN (UC/ML)		5.607E-16	1.448E-15	1.436E-15	1.379E-15			8.120E-16	5.520E-22		
CURIES		6.000E-09	2.100E-08	2.600E-08	2.000E-08			7.300E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		33.333	32.308	32.099	32.258			17.422			
TH-234	2.410E+01										
CONCEN (UC/ML)		5.607E-16	1.448E-15	1.436E-15	1.379E-15	2.069E-15	1.818E-15	1.502E-15	1.021E-21	4.00E-10	
CURIES		6.000E-09	2.100E-08	2.600E-08	2.000E-08	3.000E-08	3.200E-08	1.350E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		33.333	32.308	32.099	32.258	32.258	32.000	32.220			
U-234	8.943E+07										
CONCEN (UC/ML)			1.379E-16	1.657E-16	1.379E-16	2.069E-16	2.273E-16	1.557E-16	1.059E-22	9.00E-14	
CURIES			2.000E-09	3.000E-09	2.000E-09	3.000E-09	4.000E-09	1.400E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL			3.077	3.704	3.226	3.226	4.000	3.341			
U-238	1.631E+12										
CONCEN (UC/ML)		5.607E-16	1.448E-15	1.436E-15	1.379E-15	2.069E-15	1.818E-15	1.502E-15	1.021E-21	1.00E-13	
CURIES		6.000E-09	2.100E-08	2.600E-08	2.000E-08	3.000E-08	3.200E-08	1.350E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		33.333	32.308	32.099	32.258	32.258	32.000	32.220			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		6.000E-09	2.300E-08	2.900E-08	2.200E-08	3.300E-08	3.600E-08	1.490E-07			
% OF TOTAL		33.333	35.385	35.802	35.484	35.484	36.000	35.561			
B+G CURIES		1.200E-08	4.200E-08	5.200E-08	4.000E-08	6.000E-08	6.400E-08	2.700E-07			
% OF TOTAL		66.667	64.615	64.198	64.516	64.516	64.000	64.439			
VOLUME (CU. METERS)		1.070E+07	1.450E+07	1.810E+07	1.450E+07	1.450E+07	1.760E+07	8.990E+07			
GRAND TOTALS (CURIES)		1.800E-08	6.500E-08	8.100E-08	6.200E-08	9.300E-08	1.000E-07	4.190E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						2.215E-15	3.536E-15	1.050E-15	7.137E-22	2.00E-08	
CURIES						3.300E-08	6.400E-08	9.700E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.039	32.000	13.055			
PA-234M	4.875E-02										
CONCEN (UC/ML)		2.909E-15	2.685E-15	1.720E-15	2.483E-15			1.526E-15	1.037E-21		
CURIES		3.200E-08	4.000E-08	3.200E-08	3.700E-08			1.410E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.000	32.000	32.174			18.977			
TH-234	2.410E+01										
CONCEN (UC/ML)		2.909E-15	2.685E-15	1.720E-15	2.483E-15	2.215E-15	3.536E-15	2.576E-15	1.751E-21	4.00E-10	
CURIES		3.200E-08	4.000E-08	3.200E-08	3.700E-08	3.300E-08	6.400E-08	2.380E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.000	32.000	32.174	32.039	32.000	32.032			
U-234	8.943E+07										
CONCEN (UC/ML)		3.636E-16	3.356E-16	2.151E-16	2.685E-16	2.685E-16	4.420E-16	3.139E-16	2.134E-22	9.00E-14	
CURIES		4.000E-09	5.000E-09	4.000E-09	4.000E-09	4.000E-09	8.000E-09	2.900E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		4.000	4.000	4.000	3.478	3.883	4.000	3.903			
U-238	1.631E+12										
CONCEN (UC/ML)		2.909E-15	2.685E-15	1.720E-15	2.483E-15	2.215E-15	3.536E-15	2.576E-15	1.751E-21	1.00E-13	
CURIES		3.200E-08	4.000E-08	3.200E-08	3.700E-08	3.300E-08	6.400E-08	2.380E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.000	32.000	32.000	32.174	32.039	32.000	32.032			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		3.600E-08	4.500E-08	3.600E-08	4.100E-08	3.700E-08	7.200E-08	2.670E-07			
% OF TOTAL		36.000	36.000	36.000	35.652	35.922	36.000	35.935			
B+G CURIES		6.400E-08	8.000E-08	6.400E-08	7.400E-08	6.600E-08	1.280E-07	4.760E-07			
% OF TOTAL		64.000	64.000	64.000	64.348	64.078	64.000	64.065			
VOLUME (CU. METERS)		1.100E+07	1.490E+07	1.860E+07	1.490E+07	1.490E+07	1.810E+07	9.240E+07			
GRAND TOTALS (CURIES)		1.000E-07	1.250E-07	1.000E-07	1.150E-07	1.030E-07	2.000E-07	7.430E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCS value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						8.784E-16	2.778E-15	6.724E-16	4.571E-22	2.00E-08	
CURIES						1.300E-08	5.000E-08	6.300E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.500	32.051	12.990			
PA-234M	4.875E-02										
CONCEN (UC/ML)		1.842E-15	1.558E-15	1.399E-15	1.419E-15			9.925E-16	6.747E-22		
CURIES		2.100E-08	2.400E-08	2.700E-08	2.100E-08			9.300E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.308	32.000	32.143	32.308			19.175			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.842E-15	1.558E-15	1.399E-15	1.419E-15	8.784E-16	2.778E-15	1.665E-15	1.132E-21	4.00E-10	
CURIES		2.100E-08	2.400E-08	2.700E-08	2.100E-08	1.300E-08	5.000E-08	1.560E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.308	32.000	32.143	32.308	32.500	32.051	32.165			
U-234	8.943E+07										
CONCEN (UC/ML)		1.754E-16	1.948E-16	1.554E-16	1.351E-16	6.757E-17	3.333E-16	1.814E-16	1.233E-22	9.00E-14	
CURIES		2.000E-09	3.000E-09	5.000E-09	2.000E-09	1.000E-09	6.000E-09	1.700E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.077	4.000	3.571	3.077	2.500	3.846	3.505			
U-238	1.631E+12										
CONCEN (UC/ML)		1.842E-15	1.558E-15	1.399E-15	1.419E-15	8.784E-16	2.778E-15	1.665E-15	1.132E-21	1.00E-13	
CURIES		2.100E-08	2.400E-08	2.700E-08	2.100E-08	1.300E-08	5.000E-08	1.560E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.308	32.000	32.143	32.308	32.500	32.051	32.165			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		2.300E-08	2.700E-08	3.000E-08	2.300E-08	1.400E-08	5.600E-08	1.730E-07			
% OF TOTAL		35.385	36.000	35.714	35.385	35.000	35.897	35.670			
B+G CURIES		4.200E-08	4.800E-08	5.400E-08	4.200E-08	2.600E-08	1.000E-07	3.120E-07			
% OF TOTAL		64.615	64.000	64.286	64.615	65.000	64.103	64.330			
VOLUME (CU. METERS)		1.140E+07	1.540E+07	1.930E+07	1.480E+07	1.480E+07	1.800E+07	9.370E+07			
GRAND TOTALS (CURIES)		6.500E-08	7.500E-08	8.400E-08	6.500E-08	4.000E-08	1.560E-07	4.850E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						3.386E-15	3.275E-15	1.189E-15	3.063E-22	2.00E-08	
CURIES						6.400E-08	7.500E-08	1.390E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.000	32.051	11.574			
PA-234M	4.875E-02										
CONCEN (UC/ML)		3.094E-15	2.819E-15	3.136E-15	4.043E-15			2.104E-15	5.421E-22		
CURIES		4.300E-08	5.300E-08	7.400E-08	7.600E-08			2.460E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.090	32.121	32.035	32.068			20.483			
TH-234	2.410E+01										
CONCEN (UC/ML)		3.094E-15	2.819E-15	3.136E-15	4.043E-15	3.386E-15	3.275E-15	3.293E-15	8.484E-22	4.00E-10	
CURIES		4.300E-08	5.300E-08	7.400E-08	7.600E-08	6.400E-08	7.500E-08	3.850E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.090	32.121	32.035	32.068	32.000	32.051	32.057			
U-234	8.943E+07										
CONCEN (UC/ML)		3.597E-16	3.191E-16	3.814E-16	4.787E-16	4.233E-16	3.930E-16	3.935E-16	1.014E-22	9.00E-14	
CURIES		5.000E-09	6.000E-09	9.000E-09	9.000E-09	8.000E-09	9.000E-09	4.600E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.731	3.636	3.896	3.797	4.000	3.846	3.830			
U-238	1.631E+12										
CONCEN (UC/ML)		3.094E-15	2.819E-15	3.136E-15	4.043E-15	3.386E-15	3.275E-15	3.293E-15	8.484E-22	1.00E-13	
CURIES		4.300E-08	5.300E-08	7.400E-08	7.600E-08	6.400E-08	7.500E-08	3.850E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.090	32.121	32.035	32.068	32.000	32.051	32.057			

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PRF STACK S14 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		4.800E-08	5.900E-08	8.300E-08	8.500E-08	7.200E-08	8.400E-08	4.310E-07			
% OF TOTAL		35.821	35.758	35.931	35.865	36.000	35.897	35.887			
B+G CURIES		8.600E-08	1.060E-07	1.480E-07	1.520E-07	1.280E-07	1.500E-07	7.700E-07			
% OF TOTAL		64.179	64.242	64.069	64.135	64.000	64.103	64.113			
VOLUME (CU. METERS)		1.390E+07	1.880E+07	2.360E+07	1.880E+07	1.890E+07	2.290E+07	1.169E+08			
GRAND TOTALS (CURIES)		1.340E-07	1.650E-07	2.310E-07	2.370E-07	2.000E-07	2.340E-07	1.201E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5406.5 dated February 8, 1990, Figures III-1 and III-3

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SCRAP HANDLING AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						1.467E-15	2.332E-15	6.973E-16	1.796E-22	2.00E-08	
CURIES						2.700E-08	5.200E-08	7.900E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.143	32.099	11.367			
PA-234M	4.875E-02										
CONCEN (UC/ML)		1.343E-15	1.923E-15	1.938E-15	2.568E-15			1.271E-15	3.274E-22		
CURIES		1.800E-08	3.500E-08	4.400E-08	4.700E-08			1.440E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.110	32.117	31.973			20.719			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.343E-15	1.923E-15	1.938E-15	2.568E-15	1.467E-15	2.332E-15	1.968E-15	5.070E-22	4.00E-10	
CURIES		1.800E-08	3.500E-08	4.400E-08	4.700E-08	2.700E-08	5.200E-08	2.230E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.110	32.117	31.973	32.143	32.099	32.086			
U-234	8.943E+07										
CONCEN (UC/ML)		1.493E-16	2.198E-16	2.203E-16	3.279E-16	1.630E-16	2.691E-16	2.295E-16	5.911E-23	9.00E-14	
CURIES		2.000E-09	4.000E-09	5.000E-09	6.000E-09	3.000E-09	6.000E-09	2.600E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.571	3.670	3.650	4.082	3.571	3.704	3.741			
U-238	1.631E+12										
CONCEN (UC/ML)		1.343E-15	1.923E-15	1.938E-15	2.568E-15	1.467E-15	2.332E-15	1.968E-15	5.070E-22	1.00E-13	
CURIES		1.800E-08	3.500E-08	4.400E-08	4.700E-08	2.700E-08	5.200E-08	2.230E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.110	32.117	31.973	32.143	32.099	32.086			

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SCRAP HANDLING AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		2.000E-08	3.900E-08	4.900E-08	5.300E-08	3.000E-08	5.800E-08	2.490E-07		
% OF TOTAL		35.714	35.780	35.766	36.054	35.714	35.802	35.827		
B+G CURIES		3.600E-08	7.000E-08	8.800E-08	9.400E-08	5.400E-08	1.040E-07	4.460E-07		
% OF TOTAL		64.286	64.220	64.234	63.946	64.286	64.198	64.173		
VOLUME (CU. METERS)		1.340E+07	1.820E+07	2.270E+07	1.830E+07	1.840E+07	2.230E+07	1.133E+08		
GRAND TOTALS (CURIES)		5.600E-08	1.090E-07	1.370E-07	1.470E-07	8.400E-08	1.620E-07	6.950E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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S. PROCESS S6 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						3.108E-15	2.333E-15	9.586E-16	6.517E-22	2.00E-08	
CURIES						4.600E-08	4.200E-08	8.800E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						31.944	32.061	13.902			
PA-234M	4.875E-02										
CONCEN (UC/ML)		1.284E-15	2.432E-15	1.459E-15	2.568E-15			1.253E-15	8.516E-22		
CURIES		1.400E-08	3.600E-08	2.700E-08	3.800E-08			1.150E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.558	32.143	32.143	31.933			18.167			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.284E-15	2.432E-15	1.459E-15	2.568E-15	3.108E-15	2.333E-15	2.211E-15	1.503E-21	4.00E-10	
CURIES		1.400E-08	3.600E-08	2.700E-08	3.800E-08	4.600E-08	4.200E-08	2.030E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.558	32.143	32.143	31.933	31.944	32.061	32.070			
U-234	8.943E+07										
CONCEN (UC/ML)		9.174E-17	2.703E-16	1.622E-16	3.378E-16	4.054E-16	2.778E-16	2.614E-16	1.777E-22	9.00E-14	
CURIES		1.000E-09	4.000E-09	3.000E-09	5.000E-09	6.000E-09	5.000E-09	2.400E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		2.326	3.571	3.571	4.202	4.167	3.817	3.791			
U-238	1.631E+12										
CONCEN (UC/ML)		1.284E-15	2.432E-15	1.459E-15	2.568E-15	3.108E-15	2.333E-15	2.211E-15	1.503E-21	1.00E-13	
CURIES		1.400E-08	3.600E-08	2.700E-08	3.800E-08	4.600E-08	4.200E-08	2.030E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.558	32.143	32.143	31.933	31.944	32.061	32.070			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		1.500E-08	4.000E-08	3.000E-08	4.300E-08	5.200E-08	4.700E-08	2.270E-07		
% OF TOTAL		34.884	35.714	35.714	36.134	36.111	35.878	35.861		
B+G CURIES		2.800E-08	7.200E-08	5.400E-08	7.600E-08	9.200E-08	8.400E-08	4.060E-07		
% OF TOTAL		65.116	64.286	64.286	63.866	63.889	64.122	64.139		
VOLUME (CU. METERS)		1.090E+07	1.480E+07	1.850E+07	1.480E+07	1.480E+07	1.800E+07	9.180E+07		
GRAND TOTALS (CURIES)		4.300E-08	1.120E-07	8.400E-08	1.190E-07	1.440E-07	1.310E-07	6.330E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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S. PROCESS S7 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						1.081E-15	2.778E-15	7.190E-16	4.888E-22	2.00E-08	
CURIES						1.600E-08	5.000E-08	6.600E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.000	32.051	10.927			
PA-234M	4.875E-02										
CONCEN (UC/ML)		1.651E-15	3.446E-15	1.622E-15	1.959E-15			1.394E-15	9.479E-22		
CURIES		1.800E-08	5.100E-08	3.000E-08	2.900E-08			1.280E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.075	32.258	32.222			21.192			
TH-234	2.410E+01										
CONCEN (UC/ML)		1.651E-15	3.446E-15	1.622E-15	1.959E-15	1.081E-15	2.778E-15	2.113E-15	1.437E-21	4.00E-10	
CURIES		1.800E-08	5.100E-08	3.000E-08	2.900E-08	1.600E-08	5.000E-08	1.940E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.075	32.258	32.222	32.000	32.051	32.119			
U-234	8.943E+07										
CONCEN (UC/ML)		1.835E-16	4.054E-16	1.622E-16	2.027E-16	1.351E-16	3.333E-16	2.397E-16	1.629E-22	9.00E-14	
CURIES		2.000E-09	6.000E-09	3.000E-09	3.000E-09	2.000E-09	6.000E-09	2.200E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.571	3.774	3.226	3.333	4.000	3.846	3.642			
U-238	1.631E+12										
CONCEN (UC/ML)		1.651E-15	3.446E-15	1.622E-15	1.959E-15	1.081E-15	2.778E-15	2.113E-15	1.437E-21	1.00E-13	
CURIES		1.800E-08	5.100E-08	3.000E-08	2.900E-08	1.600E-08	5.000E-08	1.940E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.143	32.075	32.258	32.222	32.000	32.051	32.119			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
TOTALS											
ALPHA CURIES		2.000E-08	5.700E-08	3.300E-08	3.200E-08	1.800E-08	5.600E-08	2.160E-07			
% OF TOTAL		35.714	35.849	35.484	35.556	36.000	35.897	35.762			
B+G CURIES		3.600E-08	1.020E-07	6.000E-08	5.800E-08	3.200E-08	1.000E-07	3.880E-07			
% OF TOTAL		64.286	64.151	64.516	64.444	64.000	64.103	64.238			
VOLUME (CU. METERS)		1.090E+07	1.480E+07	1.850E+07	1.480E+07	1.480E+07	1.800E+07	9.180E+07			
GRAND TOTALS (CURIES)		5.600E-08	1.590E-07	9.300E-08	9.000E-08	5.000E-08	1.560E-07	6.040E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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S. PROCESS S8 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						2.432E-15	2.889E-15	9.586E-16	6.517E-22	2.00E-08	
CURIES						3.600E-08	5.200E-08	8.800E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.143	32.099	9.186			
PA-234M	4.875E-02										
CONCEN (UC/ML)		4.587E-15	3.446E-15	3.838E-15	3.176E-15			2.386E-15	1.622E-21		
CURIES		5.000E-08	5.100E-08	7.100E-08	4.700E-08			2.190E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.051	32.075	31.982	31.973			22.860			
TH-234	2.410E+01										
CONCEN (UC/ML)		4.587E-15	3.446E-15	3.838E-15	3.176E-15	2.432E-15	2.889E-15	3.344E-15	2.273E-21	4.00E-10	
CURIES		5.000E-08	5.100E-08	7.100E-08	4.700E-08	3.600E-08	5.200E-08	3.070E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.051	32.075	31.982	31.973	32.143	32.099	32.046			
U-234	8.943E+07										
CONCEN (UC/ML)		5.505E-16	4.054E-16	4.865E-16	4.054E-16	2.703E-16	3.333E-16	4.031E-16	2.740E-22	9.00E-14	
CURIES		6.000E-09	6.000E-09	9.000E-09	6.000E-09	4.000E-09	6.000E-09	3.700E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		3.846	3.774	4.054	4.082	3.571	3.704	3.862			
U-238	1.631E+12										
CONCEN (UC/ML)		4.587E-15	3.446E-15	3.838E-15	3.176E-15	2.432E-15	2.889E-15	3.344E-15	2.273E-21	1.00E-13	
CURIES		5.000E-08	5.100E-08	7.100E-08	4.700E-08	3.600E-08	5.200E-08	3.070E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.051	32.075	31.982	31.973	32.143	32.099	32.046			

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		5.600E-08	5.700E-08	8.000E-08	5.300E-08	4.000E-08	5.800E-08	3.440E-07		
% OF TOTAL		35.897	35.849	36.036	36.054	35.714	35.802	35.908		
B+G CURIES		1.000E-07	1.020E-07	1.420E-07	9.400E-08	7.200E-08	1.040E-07	6.140E-07		
% OF TOTAL		64.103	64.151	63.964	63.946	64.286	64.198	64.092		
VOLUME (CU. METERS)		1.090E+07	1.480E+07	1.850E+07	1.480E+07	1.480E+07	1.800E+07	9.180E+07		
GRAND TOTALS (CURIES)		1.560E-07	1.590E-07	2.220E-07	1.470E-07	1.120E-07	1.620E-07	9.580E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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2B AREA PHASE1 AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
PA-234	4.653E-03										
CONCEN (UC/ML)						3.587E-15	3.321E-15	1.410E-15	6.065E-22	2.00E-08	
CURIES						2.400E-08	2.700E-08	5.100E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL						32.000	32.143	12.500			
PA-234M	4.875E-02										
CONCEN (UC/ML)		3.867E-15	4.684E-15	2.932E-15	3.737E-15			2.211E-15	9.514E-22		
CURIES		1.400E-08	2.300E-08	1.800E-08	2.500E-08			8.000E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.558	31.944	32.143	32.051			19.608			
TH-234	2.410E+01										
CONCEN (UC/ML)		3.867E-15	4.684E-15	2.932E-15	3.737E-15	3.587E-15	3.321E-15	3.621E-15	1.558E-21	4.00E-10	
CURIES		1.400E-08	2.300E-08	1.800E-08	2.500E-08	2.400E-08	2.700E-08	1.310E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.558	31.944	32.143	32.051	32.000	32.143	32.108			
U-234	8.943E+07										
CONCEN (UC/ML)		2.762E-16	6.110E-16	3.257E-16	4.484E-16	4.484E-16	3.690E-16	4.146E-16	1.784E-22	9.00E-14	
CURIES		1.000E-09	3.000E-09	2.000E-09	3.000E-09	3.000E-09	3.000E-09	1.500E-08			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		2.326	4.167	3.571	3.846	4.000	3.571	3.676			
U-238	1.631E+12										
CONCEN (UC/ML)		3.867E-15	4.684E-15	2.932E-15	3.737E-15	3.587E-15	3.321E-15	3.621E-15	1.558E-21	1.00E-13	
CURIES		1.400E-08	2.300E-08	1.800E-08	2.500E-08	2.400E-08	2.700E-08	1.310E-07			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL		32.558	31.944	32.143	32.051	32.000	32.143	32.108			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

2B AREA PHASE1 AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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SMC-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		1.500E-08	2.600E-08	2.000E-08	2.800E-08	2.700E-08	3.000E-08	1.460E-07		
% OF TOTAL		34.884	36.111	35.714	35.897	36.000	35.714	35.784		
B+G CURIES		2.800E-08	4.600E-08	3.600E-08	5.000E-08	4.800E-08	5.400E-08	2.620E-07		
% OF TOTAL		65.116	63.889	64.286	64.103	64.000	64.286	64.216		
VOLUME (CU. METERS)		3.620E+06	4.910E+06	6.140E+06	6.690E+06	6.690E+06	8.130E+06	3.618E+07		
GRAND TOTALS (CURIES)		4.300E-08	7.200E-08	5.600E-08	7.800E-08	7.500E-08	8.400E-08	4.080E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

SMC-74

Special Power Excursion Reactor 1992 Detail Data

Special Power Excursion Reactor Test (PER) Bar Graph of Annual Data by Month	PER-3
CY-1992 Bar Graph	PER-5
PER Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	PER-7
Report 170—PER Solid Waste Summary, WERF Incinerator Processed Waste	PER-9
Report 168—PER Solid Waste Summary, Waste Sent to WERF for Compaction	PER-10

Special Power Excursion Reactor Test (PER) Bar Graph of Annual Data by Month

Special Power Excursion Reactor Test (PER) Monthly Details - CY-1992

**PER Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

SCHED. NO. P61PM009-N

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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PER-S

PER SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
CO-60	1.924E+03							
CURIES							1.070E-07	1.070E-07
% OF TOTAL							30.226	30.226
CS-137	1.101E+04							
CURIES							2.470E-07	2.470E-07
% OF TOTAL							69.774	69.774
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES							3.540E-07	3.540E-07
% OF TOTAL							100.000	100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								
WEIGHT (KILOGRAMS)								
							9.060E-01	9.060E-01
							7.200E+01	7.173E+01

GRAND TOTALS (CURIES)							3.540E-07	3.540E-07

PER-9

SCHED. NO. P61PM009-0

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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NUCLIDES	HALF LIFE (DAYS)	PER SOLID WASTE SUMMARY WASTE SENT TO MERF FOR COMPACTION FROM JAN THROUGH DEC 1992						ANNUAL TOTAL
		JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
CO-60	1.924E+03							
CURIES							2.580E-08	2.580E-08
% OF TOTAL							30.246	30.246
CS-137	1.101E+04							
CURIES							5.950E-08	5.950E-08
% OF TOTAL							69.754	69.754
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES							8.530E-08	8.530E-08
% OF TOTAL							100.000	100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)								
WEIGHT (KILOGRAMS)								
							2.260E-01	2.260E-01
							1.700E+01	1.725E+01
GRAND TOTALS (CURIES)							8.530E-08	8.530E-08

PER-10

Test Area North 1992 Detail Data

Test Area North (TAN) Bar Graphs of Annual Data by Month	TAN-3
CY-1992 Bar Graphs	TAN-5
TAN Detail Data for Months July to December	
Annual Average Concentration and Total Curles for January to December	TAN-7
Report 150—TAN Airborne Waste Summary	TAN-9
Report 151—TAN Liquid Waste Summary	TAN-10
Report 152—TAN Disposed Solid Waste Summary	TAN-11
TAN Detail Data for Months January to June	
Annual Average Concentration and Total Curles for January to June	TAN-13
Report 150—TAN Airborne Waste Summary	TAN-15
Report 151—TAN Liquid Waste Summary	TAN-16
Report 152—TAN Disposed Solid Waste Summary	TAN-17
TAN Facility Detail Data for Months July to December	
Annual Average Concentration and Total Curles for January to December	TAN-19
Report 155—TSF Exhaust Airborne Waste Summary	TAN-21
Report 151—TAN Liquid Waste Summary	TAN-22
TAN Facility Detail Data for Months January to June	
Annual Average Concentration and Total Curles for January to June	TAN-23
Report 155—TSF Exhaust Airborne Waste Summary	TAN-25
Report 151—TAN Liquid Waste Summary	TAN-26

Test Area North (TAN) Bar Graphs of Annual Data by Month

Test Area North (TAN) Monthly Details - CY-1992

**TAN Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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RUN DATE: 05/07/93

TAN AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TAN-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
GROSS-ALPHA											
CONCEN (UC/ML)						3.318E-16		8.108E-16	3.280E-22		
CURIES						5.860E-09		1.476E-07			
% OF TOTAL						0.023		0.561			
GROSS-BETA											
CONCEN (UC/ML)		2.771E-15	2.444E-15	2.285E-15	7.107E-15	1.433E-12		1.421E-13	5.749E-20		
CURIES		4.390E-08	3.840E-08	3.670E-08	1.260E-07	2.530E-05		2.586E-05			
% OF TOTAL		100.000	60.568	100.000	66.107	99.977		98.363			
SR-90											
CONCEN (UC/ML)	1.059E+04		7.957E-16		1.822E-15			7.769E-16	3.143E-22	9.00E-12	
CURIES			1.250E-08		3.230E-08			1.414E-07			
% OF TOTAL			19.716		16.946			0.538			
Y-90											
CONCEN (UC/ML)	2.667E+00		7.957E-16		1.822E-15			7.769E-16	3.143E-22	1.00E-09	
CURIES			1.250E-08		3.230E-08			1.414E-07			
% OF TOTAL			19.716		16.946			0.538			
TOTALS											
ALPHA CURIES						5.860E-09		1.476E-07			
% OF TOTAL						0.023		0.561			
B+G CURIES		4.390E-08	6.340E-08	3.670E-08	1.906E-07	2.530E-05		2.615E-05			
% OF TOTAL		100.000	100.000	100.000	100.000	99.977		99.439			
VOLUME (CU. METERS)											
		1.584E+07	1.571E+07	1.606E+07	1.773E+07	1.766E+07		1.820E+08			
GRAND TOTALS (CURIES)											
		4.390E-08	6.340E-08	3.670E-08	1.906E-07	2.531E-05		2.629E-05			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

TAN-9

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TAN LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TAN-L

TAN-10

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			9.977E-09	1.872E-10		7.004E-10	5.399E-10	2.035E-09		
CURIES			1.310E-04	2.460E-06		6.720E-06	4.890E-06	2.358E-04		
% OF TOTAL			0.684	0.611		0.392	0.293	0.307		
GROSS-BETA										
CONCEN (UC/ML)		6.769E-09	3.800E-08	2.055E-08	4.000E-08	1.199E-08	8.999E-09	2.526E-08		
CURIES		6.340E-05	4.990E-04	2.700E-04	1.020E-04	1.150E-04	8.150E-05	2.927E-03		
% OF TOTAL		2.514	2.605	67.054	12.225	6.704	4.879	3.764		
H-3	4.490E+03									
CONCEN (UC/ML)		2.605E-07	1.401E-06		2.800E-07	1.605E-07	1.711E-07	6.326E-07	2.00E-03	0.03
CURIES		2.440E-03	1.840E-02		7.140E-04	1.540E-03	1.550E-03	7.327E-02		
% OF TOTAL		96.768	96.053		85.575	89.769	92.782	94.234		
SR-90	1.059E+04									
CONCEN (UC/ML)		9.663E-10	4.798E-09	4.954E-09	3.600E-09	2.804E-09	1.888E-09	5.702E-09	1.00E-06	0.57
CURIES		9.050E-06	6.300E-05	6.510E-05	9.180E-06	2.690E-05	1.710E-05	6.604E-04		
% OF TOTAL		0.359	0.329	16.168	1.100	1.568	1.024	0.849		
Y-90	2.667E+00									
CONCEN (UC/ML)		9.663E-10	4.798E-09	4.954E-09	3.600E-09	2.804E-09	1.888E-09	5.702E-09	1.00E-05	0.06
CURIES		9.050E-06	6.300E-05	6.510E-05	9.180E-06	2.690E-05	1.710E-05	6.604E-04		
% OF TOTAL		0.359	0.329	16.168	1.100	1.568	1.024	0.849		
TOTALS										
ALPHA CURIES			1.310E-04	2.460E-06		6.720E-06	4.890E-06	2.357E-04		
% OF TOTAL			0.684	0.611		0.392	0.293	0.303		
B+G CURIES		2.521E-03	1.902E-02	4.002E-04	8.344E-04	1.709E-03	1.666E-03	7.752E-02		
% OF TOTAL		100.000	99.316	99.389	100.000	99.608	99.707	99.696		
VOLUME (LITERS)		9.366E+06	1.313E+07	1.314E+07	2.550E+06	9.594E+06	9.057E+06	1.158E+08		
GRAND TOTALS (CURIES)		2.521E-03	1.916E-02	4.027E-04	8.344E-04	1.716E-03	1.671E-03	7.776E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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TAN-S

**ANNUAL
TOTAL**

TAN-11

**TAN Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TAN AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 150
TAN-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
GROSS-ALPHA											
CONCEN (UC/ML)			1.053E-15			2.301E-15	4.980E-15	1.431E-15	5.790E-22		
CURIES			1.800E-08			3.790E-08	8.580E-08	1.417E-07			
% OF TOTAL			28.708			33.106	42.141	21.670			
GROSS-BETA											
CONCEN (UC/ML)		1.567E-15	1.339E-15	3.199E-15	6.310E-15	3.497E-15	3.401E-15	3.222E-15	1.303E-21		
CURIES		2.550E-08	2.290E-08	4.840E-08	1.060E-07	5.760E-08	5.860E-08	3.190E-07			
% OF TOTAL		95.448	36.523	52.838	68.475	50.314	28.782	48.785			
SR-90											
CONCEN (UC/ML)	1.059E+04	3.737E-17	6.374E-16	1.428E-15	1.452E-15	5.762E-16	1.718E-15	9.757E-16	3.947E-22	9.00E-12	
CURIES		6.080E-10	1.090E-08	2.160E-08	2.440E-08	9.490E-09	2.960E-08	9.660E-08			
% OF TOTAL		2.276	17.384	23.581	15.762	8.290	14.538	14.773			
Y-90											
CONCEN (UC/ML)	2.667E+00	3.737E-17	6.374E-16	1.428E-15	1.452E-15	5.762E-16	1.718E-15	9.757E-16	3.947E-22	1.00E-09	
CURIES		6.080E-10	1.090E-08	2.160E-08	2.440E-08	9.490E-09	2.960E-08	9.660E-08			
% OF TOTAL		2.276	17.384	23.581	15.762	8.290	14.538	14.773			
TOTALS											
ALPHA CURIES			1.800E-08			3.790E-08	8.580E-08	1.417E-07			
% OF TOTAL			28.708			33.106	42.141	21.670			
B+G CURIES		2.672E-08	4.470E-08	9.160E-08	1.548E-07	7.658E-08	1.178E-07	5.122E-07			
% OF TOTAL		100.000	71.292	100.000	100.000	66.894	57.859	78.330			
VOLUME (CU. METERS)		1.627E+07	1.710E+07	1.513E+07	1.680E+07	1.647E+07	1.723E+07	9.900E+07			
<hr/>											
GRAND TOTALS (CURIES)		2.672E-08	6.270E-08	9.160E-08	1.548E-07	1.145E-07	2.036E-07	6.539E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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RUN DATE: 05/10/93

TAN LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TAN-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			4.337E-09	1.802E-10	1.301E-09		2.665E-09	1.537E-09		
CURIES			4.580E-05	2.080E-06	1.530E-05		2.750E-05	9.068E-05		
% OF TOTAL			2.009	0.022	5.988		0.966	0.176		
GROSS-BETA										
CONCEN (UC/ML)		1.363E-07	3.617E-08	2.998E-09	1.403E-08	1.855E-08	5.107E-08	3.043E-08		
CURIES		4.770E-04	3.820E-04	3.460E-05	1.650E-04	2.100E-04	5.270E-04	1.796E-03		
% OF TOTAL		13.043	16.759	0.373	64.579	0.634	18.513	3.490		
H-3	4.490E+03									
CONCEN (UC/ML)		7.571E-07	1.752E-07	7.998E-07		2.889E-06	2.132E-07	8.242E-07	2.00E-03	0.04
CURIES		2.650E-03	1.850E-03	9.230E-03		3.270E-02	2.200E-03	4.863E-02		
% OF TOTAL		72.464	81.162	99.505		98.666	77.282	94.507		
SR-90	1.059E+04									
CONCEN (UC/ML)		7.571E-08	7.538E-11	4.003E-10	3.197E-09	1.025E-08	4.467E-09	7.968E-09	1.00E-06	0.80
CURIES		2.650E-04	7.960E-07	4.620E-06	3.760E-05	1.160E-04	4.610E-05	4.701E-04		
% OF TOTAL		7.246	0.035	0.050	14.716	0.350	1.619	0.914		
Y-90	2.667E+00									
CONCEN (UC/ML)		7.571E-08	7.538E-11	4.003E-10	3.197E-09	1.025E-08	4.467E-09	7.968E-09	1.00E-05	0.08
CURIES		2.650E-04	7.960E-07	4.620E-06	3.760E-05	1.160E-04	4.610E-05	4.701E-04		
% OF TOTAL		7.246	0.035	0.050	14.716	0.350	1.619	0.914		
TOTALS										
ALPHA CURIES			4.580E-05	2.080E-06	1.530E-05		2.750E-05	9.068E-05		
% OF TOTAL			2.009	0.022	5.988		0.966	0.176		
B+G CURIES		3.657E-03	2.234E-03	9.274E-03	2.402E-04	3.314E-02	2.819E-03	5.137E-02		
% OF TOTAL		100.000	97.991	99.978	94.012	100.000	99.034	99.824		
VOLUME (LITERS)		3.500E+06	1.056E+07	1.154E+07	1.176E+07	1.132E+07	1.032E+07	5.900E+07		
<hr/>										
GRAND TOTALS (CURIES)		3.657E-03	2.279E-03	9.276E-03	2.555E-04	3.314E-02	2.847E-03	5.146E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

TAN-16

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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TAN DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TAN-S

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
CE-144	2.844E+02							
CURIES			1.151E+00					1.151E+00
% OF TOTAL			0.332					0.332
CO-60	1.924E+03							
CURIES			4.971E+00					4.971E+00
% OF TOTAL			1.434					1.434
CS-134	7.537E+02							
CURIES			6.148E+00					6.148E+00
% OF TOTAL			1.774					1.774
CS-137	1.101E+04							
CURIES			3.325E+02					3.325E+02
% OF TOTAL			95.927					95.926
SB-125	1.007E+03							
CURIES			1.849E+00					1.849E+00
% OF TOTAL			0.533					0.533
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES			3.466E+02					3.466E+02
% OF TOTAL			100.000					99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)			8.695E+01					8.695E+01
WEIGHT (KILOGRAMS)			4.096E+04					4.096E+04
GRAND TOTALS (CURIES)			3.466E+02					3.466E+02

TAN-17

**TAN Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TSF EXHAUST AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 155
TAN-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)						3.318E-16		8.108E-16	3.280E-22		
CURIES						5.860E-09		1.476E-07			
UNCERT(CURIES)						8.650E-11					
UNCERT(UC/ML)											
% OF TOTAL						0.023		0.561			
GROSS-BETA											
CONCEN (UC/ML)		2.771E-15	2.444E-15	2.285E-15	7.107E-15	1.433E-12		1.421E-13	5.749E-20		
CURIES		4.390E-08	3.840E-08	3.670E-08	1.260E-07	2.530E-05		2.586E-05			
UNCERT(CURIES)		7.800E-08	2.660E-08	1.670E-07	3.390E-08	3.990E-06					
UNCERT(UC/ML)											
% OF TOTAL		100.000	60.568	100.000	66.107	99.977		98.363			
SR-90											
CONCEN (UC/ML)	1.059E+04		7.957E-16		1.822E-15			7.769E-16	3.143E-22	9.00E-12	
CURIES			1.250E-08		3.230E-08			1.414E-07			
UNCERT(CURIES)			5.930E-09		6.030E-09						
UNCERT(UC/ML)											
% OF TOTAL			19.716		16.946			0.538			
Y-90											
CONCEN (UC/ML)	2.667E+00		7.957E-16		1.822E-15			7.769E-16	3.143E-22	1.00E-09	
CURIES			1.250E-08		3.230E-08			1.414E-07			
UNCERT(CURIES)			5.930E-09		6.030E-09						
UNCERT(UC/ML)											
% OF TOTAL			19.716		16.946			0.538			
TOTALS											
ALPHA CURIES						5.860E-09		1.476E-07			
% OF TOTAL						0.023		0.561			
B+G CURIES		4.390E-08	6.340E-08	3.670E-08	1.906E-07	2.530E-05		2.615E-05			
% OF TOTAL		100.000	100.000	100.000	100.000	99.977		99.439			
VOLUME (CU. METERS)		1.584E+07	1.571E+07	1.606E+07	1.773E+07	1.766E+07		1.820E+08			

GRAND TOTALS (CURIES)		4.390E-08	6.340E-08	3.670E-08	1.906E-07	2.531E-05		2.629E-05			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

TAN-21

IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 TAN LIQUID WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

 PAGE 1 RPT. 151
 TAN-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			9.977E-09	1.872E-10		7.004E-10	5.399E-10	2.035E-09		
CURIES			1.310E-04	2.460E-06		6.720E-06	4.890E-06	2.358E-04		
UNCERT(CURIES)			1.180E-04	4.920E-06		9.590E-07	7.340E-06			
UNCERT(UC/ML)										
% OF TOTAL			0.684	0.611		0.392	0.293	0.303		
GROSS-BETA										
CONCEN (UC/ML)		6.769E-09	3.800E-08	2.055E-08	4.000E-08	1.199E-08	8.999E-09	2.526E-08		
CURIES		6.340E-05	4.990E-04	2.700E-04	1.020E-04	1.150E-04	8.150E-05	2.927E-03		
UNCERT(CURIES)		2.720E-05	9.190E-05	4.920E-05	1.530E-05	2.880E-05	2.450E-05			
UNCERT(UC/ML)										
% OF TOTAL		2.514	2.605	67.054	12.225	6.704	4.879	3.764		
H-3										
CONCEN (UC/ML)	4.490E+03	2.605E-07	1.401E-06		2.800E-07	1.605E-07	1.711E-07	6.326E-07	2.00E-03	0.03
CURIES		2.440E-03	1.840E-02		7.140E-04	1.540E-03	1.550E-03	7.327E-02		
UNCERT(CURIES)		9.960E-04	3.940E-03		4.340E-04	6.720E-04	6.520E-04			
UNCERT(UC/ML)										
% OF TOTAL		96.768	96.053		85.575	89.769	92.782	94.234		
SR-90										
CONCEN (UC/ML)	1.059E+04	9.663E-10	4.798E-09	4.954E-09	3.600E-09	2.804E-09	1.888E-09	5.702E-09	1.00E-06	0.57
CURIES		9.050E-06	6.300E-05	6.510E-05	9.180E-06	2.690E-05	1.710E-05	6.604E-04		
UNCERT(CURIES)		1.810E-06	6.560E-06	6.150E-06	1.020E-06	1.920E-06	1.630E-06			
UNCERT(UC/ML)										
% OF TOTAL		0.359	0.329	16.168	1.100	1.568	1.024	0.849		
Y-90										
CONCEN (UC/ML)	2.667E+00	9.663E-10	4.798E-09	4.954E-09	3.600E-09	2.804E-09	1.888E-09	5.702E-09	1.00E-05	0.06
CURIES		9.050E-06	6.300E-05	6.510E-05	9.180E-06	2.690E-05	1.710E-05	6.604E-04		
UNCERT(CURIES)		1.810E-06	6.560E-06	6.150E-06	1.020E-06	1.920E-06	1.630E-06			
UNCERT(UC/ML)										
% OF TOTAL		0.359	0.329	16.168	1.100	1.568	1.024	0.849		
TOTALS										
ALPHA CURIES			1.310E-04	2.460E-06		6.720E-06	4.890E-06	2.357E-04		
% OF TOTAL			0.684	0.611		0.392	0.293	0.303		
B+G CURIES		2.521E-03	1.902E-02	4.002E-04	8.344E-04	1.709E-03	1.666E-03	7.752E-02		
% OF TOTAL		100.000	99.316	99.389	100.000	99.608	99.707	99.696		
VOLUME (LITERS)		9.366E+06	1.313E+07	1.314E+07	2.550E+06	9.594E+06	9.057E+06	1.158E+08		
GRAND TOTALS (CURIES)		2.521E-03	1.916E-02	4.027E-04	8.344E-04	1.716E-03	1.671E-03	7.776E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

TAN-22

**TAN Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TSF EXHAUST AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 155
TAN-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)			1.053E-15			2.301E-15	4.980E-15	1.431E-15	5.790E-22		
CURIES			1.800E-08			3.790E-08	8.580E-08	1.417E-07			
UNCERT(CURIES)			3.190E-08			1.300E-06	1.330E-07				
UNCERT(UC/ML)											
% OF TOTAL			28.708			33.106	42.141	21.670			
GROSS-BETA											
CONCEN (UC/ML)		1.567E-15	1.339E-15	3.199E-15	6.310E-15	3.497E-15	3.401E-15	3.222E-15	1.303E-21		
CURIES		2.550E-08	2.290E-08	4.840E-08	1.060E-07	5.760E-08	5.860E-08	3.190E-07			
UNCERT(CURIES)		4.670E-08	4.230E-08	9.400E-08	5.550E-08	6.840E-08	4.170E-08				
UNCERT(UC/ML)											
% OF TOTAL		95.448	36.523	52.838	68.475	50.314	28.782	48.785			
SR-90											
CONCEN (UC/ML)	1.059E+04	3.737E-17	6.374E-16	1.428E-15	1.452E-15	5.762E-16	1.718E-15	9.757E-16	3.947E-22	9.00E-12	
CURIES		6.080E-10	1.090E-08	2.160E-08	2.440E-08	9.490E-09	2.960E-08	9.660E-08			
UNCERT(CURIES)		6.440E-09	2.000E-08	7.060E-09	8.530E-09	7.280E-09	6.850E-09				
UNCERT(UC/ML)											
% OF TOTAL		2.276	17.384	23.581	15.762	8.290	14.538	14.773			
Y-90											
CONCEN (UC/ML)	2.667E+00	3.737E-17	6.374E-16	1.428E-15	1.452E-15	5.762E-16	1.718E-15	9.757E-16	3.947E-22	1.00E-09	
CURIES		6.080E-10	1.090E-08	2.160E-08	2.440E-08	9.490E-09	2.960E-08	9.660E-08			
UNCERT(CURIES)		6.440E-09	2.000E-08	7.060E-09	8.530E-09	7.280E-09	6.850E-09				
UNCERT(UC/ML)											
% OF TOTAL		2.276	17.384	23.581	15.762	8.290	14.538	14.773			
TOTALS											
ALPHA CURIES			1.800E-08			3.790E-08	8.580E-08	1.417E-07			
% OF TOTAL			28.708			33.106	42.141	21.670			
B+G CURIES		2.672E-08	4.470E-08	9.160E-08	1.548E-07	7.658E-08	1.178E-07	5.122E-07			
% OF TOTAL		100.000	71.292	100.000	100.000	66.894	57.859	78.330			
VOLUME (CU. METERS)		1.627E+07	1.710E+07	1.513E+07	1.680E+07	1.647E+07	1.723E+07	9.900E+07			
GRAND TOTALS (CURIES)											
		2.672E-08	6.270E-08	9.160E-08	1.548E-07	1.145E-07	2.036E-07	6.539E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

TAN-25

IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 TAN LIQUID WASTE SUMMARY
 FOR JAN THROUGH JUN 1992

 PAGE 1 RPT. 151
 TAN-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			4.337E-09	1.802E-10	1.301E-09		2.665E-09	1.537E-09		
CURIES			4.580E-05	2.080E-06	1.530E-05		2.750E-05	9.068E-05		
UNCERT(CURIES)			9.810E-06	1.150E-07	3.530E-06		9.890E-06			
UNCERT(UC/ML)										
% OF TOTAL			2.009	0.022	5.988		0.966	0.176		
GROSS-BETA										
CONCEN (UC/ML)		1.363E-07	3.617E-08	2.998E-09	1.403E-08	1.855E-08	5.107E-08	3.043E-08		
CURIES		4.770E-04	3.820E-04	3.460E-05	1.650E-04	2.100E-04	5.270E-04	1.796E-03		
UNCERT(CURIES)		7.950E-05	6.540E-05	2.310E-05	3.530E-05	4.680E-05	8.790E-05			
UNCERT(UC/ML)										
% OF TOTAL		13.043	16.759	0.373	64.579	0.634	18.513	3.490		
H-3	4.490E+03									
CONCEN (UC/ML)		7.571E-07	1.752E-07	7.998E-07		2.889E-06	2.132E-07	8.242E-07	2.00E-03	0.04
CURIES		2.650E-03	1.850E-03	9.230E-03		3.270E-02	2.200E-03	4.863E-02		
UNCERT(CURIES)		1.320E-03	1.960E-03	3.460E-03		7.020E-03	2.200E-03			
UNCERT(UC/ML)										
% OF TOTAL		72.464	81.162	99.505		98.666	77.282	94.507		
SR-90	1.059E+04									
CONCEN (UC/ML)		7.571E-08	7.538E-11	4.003E-10	3.197E-09	1.025E-08	4.467E-09	7.968E-09	1.00E-06	0.80
CURIES		2.650E-04	7.960E-07	4.620E-06	3.760E-05	1.160E-04	4.610E-05	4.701E-04		
UNCERT(CURIES)		1.720E-05	2.180E-08	4.620E-06	3.530E-06	8.180E-06	7.690E-06			
UNCERT(UC/ML)										
% OF TOTAL		7.246	0.035	0.050	14.716	0.350	1.619	0.914		
Y-90	2.667E+00									
CONCEN (UC/ML)		7.571E-08	7.538E-11	4.003E-10	3.197E-09	1.025E-08	4.467E-09	7.968E-09	1.00E-05	0.08
CURIES		2.650E-04	7.960E-07	4.620E-06	3.760E-05	1.160E-04	4.610E-05	4.701E-04		
UNCERT(CURIES)		1.720E-05	2.180E-08	4.620E-06	3.530E-06	8.180E-06	7.690E-06			
UNCERT(UC/ML)										
% OF TOTAL		7.246	0.035	0.050	14.716	0.350	1.619	0.914		
TOTALS										
ALPHA CURIES			4.580E-05	2.080E-06	1.530E-05		2.750E-05	9.068E-05		
% OF TOTAL			2.009	0.022	5.988		0.966	0.176		
B+G CURIES		3.657E-03	2.234E-03	9.274E-03	2.402E-04	3.314E-02	2.819E-03	5.137E-02		
% OF TOTAL		100.000	97.991	99.978	94.012	100.000	99.034	99.824		
VOLUME (LITERS)		3.500E+06	1.056E+07	1.154E+07	1.176E+07	1.132E+07	1.032E+07	5.900E+07		
GRAND TOTALS (CURIES)		3.657E-03	2.279E-03	9.276E-03	2.555E-04	3.314E-02	2.847E-03	5.146E-02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

TAN-26

Test Reactor Area 1992 Detail Data

Test Reactor Area (TRA) Bar Graphs of Annual Data by Month	TRA-3
CY-1992 Bar Graphs	TRA-5
TRA Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	TRA-7
Report 104—TRA Airborne Waste Summary	TRA-9
Report 110—ETR Airborne Waste Summary	TRA-13
Report 116—Chem Lab Add. Airborne Waste Summary	TRA-14
Report 105—TRA Liquid Waste Summary	TRA-15
Report 106—TRA Disposed Solid Waste Summary	TRA-19
Report 111—TRA Solid Waste Summary, WERF Incinerator Processed Waste	TRA-24
TRA Detail Data for Months January to June	
Annual Average Concentration and Total Curies for January to June	TRA-27
Report 104—TRA Airborne Waste Summary	TRA-29
Report 105—TRA Liquid Waste Summary	TRA-33
Report 106—TRA Disposed Solid Waste Summary	TRA-36
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TRA Facility Detail Data for Months July to December	
Annual Average Concentration and Total Curies for January to December	TRA-43
Report 115—Alpha Lab Air Airborne Waste Summary	TRA-45
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Report 122—ATR Disposed Solid Waste Summary	TRA-52
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Report 125—TRA Hot Cell Airborne Waste Summary	TRA-62
Report 105—TRA Liquid Waste Summary	TRA-63
Report 114—TRA Solid Waste Summary, Waste Sent to WERF for Compaction	TRA-67
TRA Facility Detail Data for Months January to June	
Annual Average Concentration and Total Curies for January to June	TRA-69
Report 115—Alpha Lab Air Airborne Waste Summary	TRA-71
Report 120—ATR Airborne Waste Summary	TRA-72
Report 122—ATR Disposed Solid Waste Summary	TRA-77
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Report 123—MTR Airborne Waste Summary	TRA-85
Report 125—TRA Hot Cell Airborne Waste Summary	TRA-87
Report 105—TRA Liquid Waste Summary	TRA-88

Test Reactor Area (TRA) Bar Graphs of Annual Data by Month

Test Reactor Area (TRA) Monthly Details - CY-1992

TRA-5

TRA Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December

SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 1 RPT. 104
TRA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		2.387E-06	4.230E-07	2.115E-06	2.932E-06	1.688E-06	1.274E-06	2.212E-06	5.627E-13	1.00E-08	0.01
CURIES		2.093E+02	3.363E+01	1.907E+02	2.791E+02	1.886E+02	1.363E+02	2.499E+03			
% OF TOTAL		91.006	87.413	88.454	91.684	58.343	44.542	72.658			
BA-139	5.771E-02										
CONCEN (UC/ML)		2.558E-11	5.302E-11	2.468E-11	3.826E-11	2.167E-10	2.706E-11	9.110E-11	2.317E-17	7.00E-08	
CURIES		2.243E-03	4.215E-03	2.226E-03	3.642E-03	2.422E-02	2.895E-03	1.029E-01			
% OF TOTAL		0.001	0.011	0.001	0.001	0.007	0.001	0.003			
BA-140	1.276E+01										
CONCEN (UC/ML)							4.598E-14	2.109E-14	5.366E-21	3.00E-09	
CURIES							4.920E-06	2.383E-05			
% OF TOTAL											
CO-58	7.091E+01										
CONCEN (UC/ML)								9.401E-16	2.391E-22	2.00E-09	
CURIES								1.062E-06			
% OF TOTAL											
CO-60	1.924E+03										
CONCEN (UC/ML)		6.748E-14	7.148E-14	2.278E-14		7.451E-14	3.460E-14	3.822E-14	9.724E-21	8.00E-11	
CURIES		5.917E-06	5.683E-06	2.054E-06		8.327E-06	3.702E-06	4.318E-05			
% OF TOTAL											
CR-51	2.770E+01										
CONCEN (UC/ML)		5.302E-12	1.182E-12	3.140E-12	2.461E-12	1.618E-12	1.637E-12	4.968E-12	1.264E-18	5.00E-08	
CURIES		4.649E-04	9.395E-05	2.832E-04	2.343E-04	1.808E-04	1.752E-04	5.612E-03			
% OF TOTAL											
CS-137	1.101E+04										
CONCEN (UC/ML)		7.834E-15	4.038E-14	1.403E-14				1.052E-14	2.675E-21	4.00E-10	
CURIES		6.869E-07	3.210E-06	1.265E-06				1.188E-05			
% OF TOTAL											
CS-138	2.236E-02										
CONCEN (UC/ML)		3.465E-10	8.629E-10	3.626E-10	6.227E-10	3.239E-09	4.015E-10	1.352E-09	3.439E-16	8.00E-09	
CURIES		3.038E-02	6.860E-02	3.270E-02	5.928E-02	3.620E-01	4.296E-02	1.527E+00			
% OF TOTAL		0.013	0.178	0.015	0.019	0.112	0.014	0.044			
GROSS-ALPHA											
CONCEN (UC/ML)			9.950E-17	1.624E-15	2.167E-16	2.691E-15	2.228E-15	9.067E-16	2.307E-22		
CURIES			7.910E-09	1.465E-07	2.063E-08	3.007E-07	2.384E-07	1.024E-06			
% OF TOTAL											

TRA-9

SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 2 RPT. 104
TRA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
GROSS-BETA											
CONCEN (UC/ML)		6.364E-13	1.536E-13	3.274E-13	2.196E-13	3.595E-13	4.659E-13	6.444E-13	1.639E-19		
CURIES		5.580E-05	1.221E-05	2.952E-05	2.090E-05	4.018E-05	4.986E-05	7.279E-04			
% OF TOTAL											
HG-203											
CONCEN (UC/ML)	4.659E+01	7.739E-14	4.421E-14	8.174E-14	8.215E-14	5.319E-14	1.138E-13	8.818E-14	2.243E-20	2.00E-09	
CURIES		6.786E-06	3.515E-06	7.371E-06	7.820E-06	5.944E-06	1.218E-05	9.962E-05			
% OF TOTAL											
I-131											
CONCEN (UC/ML)	8.040E+00	6.651E-14		9.061E-14	8.693E-14	6.723E-13	1.218E-12	4.502E-13	1.145E-19	4.00E-10	
CURIES		5.832E-06		8.171E-06	8.275E-06	7.513E-05	1.303E-04	5.086E-04			
% OF TOTAL											
I-132											
CONCEN (UC/ML)	9.500E-02					7.060E-11		9.242E-12	2.351E-18	8.00E-09	
CURIES						7.890E-03		1.044E-02			
% OF TOTAL						0.002					
I-133											
CONCEN (UC/ML)	8.667E-01			4.299E-13	9.496E-13	5.159E-12	6.903E-13	1.340E-12	3.408E-19	2.00E-09	
CURIES				3.877E-05	9.039E-05	5.765E-04	7.386E-05	1.513E-03			
% OF TOTAL											
I-135											
CONCEN (UC/ML)	2.744E-01							1.112E-12	2.829E-19	1.00E-08	
CURIES								1.256E-03			
% OF TOTAL											
KR-85M											
CONCEN (UC/ML)	1.867E-01	9.713E-09	2.584E-09	1.352E-08	1.227E-08	6.317E-08	8.046E-08	4.006E-08	1.019E-14	1.00E-07	
CURIES		8.517E-01	2.054E-01	1.219E+00	1.168E+00	7.060E+00	8.609E+00	4.525E+01			
% OF TOTAL		0.370	0.534	0.565	0.384	2.184	2.813	1.316			
KR-87											
CONCEN (UC/ML)	5.278E-02	3.457E-08	9.184E-09	4.049E-08	3.849E-08	1.393E-07	1.812E-07	1.107E-07	2.817E-14	2.00E-08	
CURIES		3.031E+00	7.301E-01	3.651E+00	3.664E+00	1.557E+01	1.939E+01	1.251E+02			
% OF TOTAL		1.318	1.898	1.693	1.204	4.817	6.337	3.638			
KR-88											
CONCEN (UC/ML)	1.183E-01	3.116E-08	8.051E-09	3.780E-08	3.584E-08	1.656E-07	2.206E-07	1.179E-07	2.998E-14	9.00E-09	
CURIES		2.732E+00	6.401E-01	3.409E+00	3.412E+00	1.851E+01	2.360E+01	1.331E+02			
% OF TOTAL		1.188	1.664	1.581	1.121	5.726	7.712	3.872			

TRA-10

SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 3 RPT. 104
TRA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
LA-140	1.678E+00										
CONCEN (UC/ML)							4.598E-14	3.064E-14	7.795E-21	3.00E-09	
CURIES							4.920E-06	3.462E-05			
% OF TOTAL											
NA-24	6.237E-01										
CONCEN (UC/ML)		2.646E-12		2.213E-12	1.811E-12	5.805E-12	1.578E-12	7.554E-12	1.922E-18	4.00E-09	
CURIES		2.320E-04		1.996E-04	1.724E-04	6.487E-04	1.688E-04	8.533E-03			
% OF TOTAL											
OS-191	1.540E+01										
CONCEN (UC/ML)											
CURIES			1.048E-13		2.758E-13	4.331E-13		2.618E-13	6.659E-20	3.00E-09	
% OF TOTAL			8.334E-06		2.625E-05	4.840E-05		2.957E-04			
RB-88	1.229E-02										
CONCEN (UC/ML)		3.119E-10	8.350E-10	3.219E-10	4.672E-10	3.369E-09	3.006E-10	1.179E-09	3.000E-16	3.00E-08	
CURIES		2.735E-02	6.638E-02	2.903E-02	4.447E-02	3.765E-01	3.216E-02	1.332E+00			
% OF TOTAL		0.012	0.173	0.013	0.015	0.116	0.011	0.039			
RB-89	1.056E-02										
CONCEN (UC/ML)		2.282E-10	1.114E-09	3.365E-10	5.325E-10	2.822E-09	5.201E-10	1.322E-09	3.364E-16	9.00E-09	
CURIES		2.001E-02	8.857E-02	3.035E-02	5.069E-02	3.154E-01	5.565E-02	1.494E+00			
% OF TOTAL		0.009	0.230	0.014	0.017	0.098	0.018	0.043			
RE-188	7.075E-01										
CONCEN (UC/ML)		1.802E-13						8.046E-14	2.047E-20	6.00E-09	
CURIES		1.580E-05						9.089E-05			
% OF TOTAL											
SR-90	1.059E+04										
CONCEN (UC/ML)		2.819E-16	3.054E-14	4.213E-15	1.805E-15	5.957E-15	7.221E-15	7.579E-15	1.928E-21	9.00E-12	
CURIES		2.472E-08	2.428E-06	3.799E-07	1.718E-07	6.657E-07	7.726E-07	8.562E-06			
% OF TOTAL											
TC-99M	2.504E-01										
CONCEN (UC/ML)		2.789E-12	2.015E-12	1.246E-12	1.290E-12	5.170E-12	2.699E-12	3.329E-12	8.468E-19	1.00E-07	
CURIES		2.446E-04	1.602E-04	1.124E-04	1.228E-04	5.778E-04	2.888E-04	3.761E-03			
% OF TOTAL											
XE-133	5.250E+00										
CONCEN (UC/ML)				3.036E-09	4.441E-09	1.725E-07	2.721E-07	6.691E-08	1.702E-14	5.00E-07	
CURIES				2.738E-01	4.227E-01	1.928E+01	2.911E+01	7.559E+01			
% OF TOTAL				0.127	0.139	5.964	9.513	2.198			

TRA-11

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	TRA-A YEARLY RELEASE % OF CG
XE-135	3.792E-01										
CONCEN (UC/ML)		4.309E-08	9.641E-09	4.817E-08	4.477E-08	2.088E-07	2.643E-07	1.348E-07	3.429E-14	8.00E-08	
CURIES		3.778E+00	7.665E-01	4.344E+00	4.262E+00	2.333E+01	2.828E+01	1.523E+02			
% OF TOTAL		1.643	1.992	2.015	1.400	7.217	9.242	4.428			
XE-135M	1.062E-02										
CONCEN (UC/ML)		2.005E-08	4.821E-09	2.096E-08	2.153E-08	9.816E-08	1.242E-07	6.199E-08	1.577E-14	5.00E-08	
CURIES		1.758E+00	3.833E-01	1.890E+00	2.049E+00	1.097E+01	1.329E+01	7.003E+01			
% OF TOTAL		0.764	0.996	0.877	0.673	3.394	4.343	2.036			
XE-138	9.792E-03										
CONCEN (UC/ML)		9.639E-08	2.376E-08	1.110E-07	1.069E-07	3.476E-07	4.420E-07	2.960E-07	7.530E-14	2.00E-08	
CURIES		8.452E+00	1.889E+00	1.001E+01	1.018E+01	3.885E+01	4.729E+01	3.344E+02			
% OF TOTAL		3.675	4.910	4.643	3.344	12.018	15.454	9.724			
Y-90	2.667E+00										
CONCEN (UC/ML)		2.819E-16	3.054E-14	4.213E-15	1.805E-15	5.957E-15	7.221E-15	7.579E-15	1.928E-21	1.00E-09	
CURIES		2.472E-08	2.428E-06	3.799E-07	1.718E-07	6.657E-07	7.726E-07	8.562E-06			
% OF TOTAL											
Y-91M	3.451E-02										
CONCEN (UC/ML)				1.195E-12		5.042E-12		1.891E-12	4.810E-19	4.00E-08	
CURIES				1.078E-04		5.635E-04		2.136E-03			
% OF TOTAL											
ZN-65	2.438E+02										
CONCEN (UC/ML)								1.063E-15	2.705E-22	6.00E-10	
CURIES								1.201E-06			
% OF TOTAL											
TOTALS											
ALPHA CURIES			7.910E-09	1.465E-07	2.063E-08	3.007E-07	2.384E-07	1.024E-06			
% OF TOTAL											
B+G CURIES		2.300E+02	3.847E+01	2.156E+02	3.044E+02	3.233E+02	3.060E+02	3.439E+03			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999			
VOLUME (CU. METERS)		8.769E+07	7.950E+07	9.018E+07	9.519E+07	1.118E+08	1.070E+08	1.130E+09			
GRAND TOTALS (CURIES)		2.300E+02	3.847E+01	2.156E+02	3.044E+02	3.233E+02	3.060E+02	3.439E+03			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ETR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA/ETR-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-BETA										
CONCEN (UC/ML)					5.561E-15	1.822E-14	1.449E-14	1.282E-14	1.687E-21	
CURIES					4.490E-08	1.520E-07	1.170E-07	3.139E-07		
UNCERT(CURIES)					3.480E-09	6.450E-09	5.470E-09			
UNCERT(UC/ML)										
% OF TOTAL					100.000	100.000	100.000	100.000		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES					4.490E-08	1.520E-07	1.170E-07	3.139E-07		
% OF TOTAL					100.000	100.000	100.000	100.000		
VOLUME (CU. METERS)					8.074E+06	8.343E+06	8.074E+06	2.449E+07		
GRAND TOTALS (CURIES)					4.490E-08	1.520E-07	1.170E-07	3.139E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

CHEM LAB ADD. AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-BETA CONCEN (UC/ML)							4.455E-15	1.756E-15	3.998E-22		
CURIES							3.800E-08	3.800E-08			
UNCERT(CURIES)							8.740E-09				
UNCERT(UC/ML)											
% OF TOTAL							100.000	100.000			
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES							3.800E-08	3.800E-08			
% OF TOTAL							100.000	100.000			
VOLUME (CU. METERS)						1.311E+07	8.529E+06	2.164E+07			
GRAND TOTALS (CURIES)							3.800E-08	3.800E-08			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 TRA LIQUID WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

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 TRA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
AG-110M	2.498E+02									
CONCEN (UC/ML)								3.328E-08	1.00E-05	0.33
CURIES								2.922E-03		
% OF TOTAL								0.002		
CE-141	3.250E+01									
CONCEN (UC/ML)							6.410E-07	1.704E-07	5.00E-05	0.34
CURIES							4.272E-03	1.496E-02		
% OF TOTAL							0.040	0.008		
CE-144	2.844E+02									
CONCEN (UC/ML)		1.710E-07	4.090E-07	2.350E-07				1.427E-07	7.00E-06	2.04
CURIES		1.213E-03	3.538E-03	1.664E-03				1.252E-02		
% OF TOTAL		0.007	0.072	0.014				0.007		
CO-58	7.091E+01									
CONCEN (UC/ML)		1.500E-07	8.910E-07	2.590E-07				1.208E-07	4.00E-05	0.30
CURIES		1.064E-03	7.707E-03	1.834E-03				1.061E-02		
% OF TOTAL		0.006	0.157	0.015				0.006		
CO-60	1.924E+03									
CONCEN (UC/ML)		3.010E-06	1.730E-05	7.950E-06	7.550E-07		5.820E-07	3.138E-06	5.00E-06	62.77
CURIES		2.135E-02	1.496E-01	5.630E-02	4.630E-03		3.878E-03	2.755E-01		
% OF TOTAL		0.119	3.050	0.466	0.022		0.036	0.150		
CR-51	2.770E+01									
CONCEN (UC/ML)		1.720E-05	3.240E-05	3.730E-05	1.010E-04	5.940E-05	2.720E-05	3.687E-05	1.00E-03	3.69
CURIES		1.220E-01	2.803E-01	2.642E-01	6.193E-01	4.255E-01	1.813E-01	3.237E+00		
% OF TOTAL		0.678	5.712	2.186	2.985	5.726	1.701	1.762		
CS-137	1.101E+04									
CONCEN (UC/ML)		3.820E-07	3.650E-07	4.880E-06	1.690E-07	4.740E-07	1.980E-07	5.389E-07	3.00E-06	17.96
CURIES		2.710E-03	3.157E-03	3.456E-02	1.036E-03	3.396E-03	1.319E-03	4.731E-02		
% OF TOTAL		0.015	0.064	0.286	0.005	0.046	0.012	0.026		
GROSS-BETA										
CONCEN (UC/ML)		5.700E-06	2.000E-05	2.500E-05	1.100E-05	1.240E-05	6.800E-06	1.006E-05		
CURIES		4.043E-02	1.730E-01	1.770E-01	6.745E-02	8.883E-02	4.532E-02	8.829E-01		
% OF TOTAL		0.225	3.526	1.465	0.325	1.195	0.425	0.481		
H-3	4.490E+03									
CONCEN (UC/ML)		2.510E-03	4.950E-04	1.630E-03	3.270E-03	9.600E-04	1.560E-03	2.039E-03	2.00E-03	101.95
CURIES		1.780E+01	4.282E+00	1.154E+01	2.005E+01	6.877E+00	1.040E+01	1.790E+02		*****
% OF TOTAL		98.935	87.263	95.526	96.651	92.540	97.569	97.468		

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SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	CG *	% OF CG
								AVG CONCEN/ TOT CURIES		
HF-181	4.240E+01									
CONCEN (UC/ML)						4.430E-07		8.389E-08	3.00E-05	0.28
CURIES						3.174E-03		7.365E-03		
% OF TOTAL						0.043		0.004		
I-131	8.040E+00									
CONCEN (UC/ML)						2.470E-07	4.910E-07	1.385E-07	3.00E-06	4.62
CURIES						1.770E-03	3.272E-03	1.216E-02		
% OF TOTAL						0.024	0.031	0.007		
I-132	9.500E-02									
CONCEN (UC/ML)						5.840E-07		4.765E-08	2.00E-04	0.02
CURIES						4.184E-03		4.184E-03		
% OF TOTAL						0.056		0.002		
MN-54	3.122E+02									
CONCEN (UC/ML)			1.350E-07	2.030E-07				2.968E-08	5.00E-05	0.06
CURIES			1.168E-03	1.438E-03				2.605E-03		
% OF TOTAL			0.024	0.012				0.001		
MO-99	2.747E+00									
CONCEN (UC/ML)					4.080E-07			2.850E-08	3.00E-05	0.09
CURIES					2.502E-03			2.502E-03		
% OF TOTAL					0.012			0.001		
NA-24	6.237E-01									
CONCEN (UC/ML)						3.430E-06		4.619E-07	1.00E-04	0.46
CURIES						2.457E-02		4.056E-02		
% OF TOTAL						0.331		0.022		
NB-95	3.498E+01									
CONCEN (UC/ML)							2.190E-07	8.225E-08	6.00E-05	0.14
CURIES							1.459E-03	7.221E-03		
% OF TOTAL							0.014	0.004		
NB-97	5.111E-02									
CONCEN (UC/ML)								4.821E-08	6.00E-04	0.01
CURIES								4.233E-03		
% OF TOTAL								0.002		
RU-103	3.924E+01									
CONCEN (UC/ML)							1.600E-06	2.488E-07	5.00E-05	0.50
CURIES							1.066E-02	2.185E-02		
% OF TOTAL							0.100	0.012		

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-L

TRA-17

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
SB-124	6.020E+01									
CONCEN (UC/ML)		1.640E-07				2.110E-07		3.047E-08	1.00E-05	0.30
CURIES		1.163E-03				1.512E-03		2.675E-03		
% OF TOTAL		0.006				0.020		0.001		
SB-125	1.007E+03									
CONCEN (UC/ML)		2.430E-07						1.963E-08	5.00E-05	0.04
CURIES		1.724E-03						1.724E-03		
% OF TOTAL		0.010						0.001		
SR-89	5.052E+01									
CONCEN (UC/ML)			1.610E-07				1.550E-07	2.058E-07	2.00E-05	1.03
CURIES			1.393E-03				1.033E-03	1.806E-02		
% OF TOTAL			0.028				0.010	0.010		
SR-90	1.059E+04									
CONCEN (UC/ML)								1.397E-08	1.00E-06	1.40
CURIES								1.226E-03		
% OF TOTAL								0.001		
TE-132	3.258E+00									
CONCEN (UC/ML)						1.960E-07		1.599E-08	2.00E-05	0.08
CURIES						1.404E-03		1.404E-03		
% OF TOTAL						0.019		0.001		
XE-133	5.250E+00									
CONCEN (UC/ML)								1.209E-08		
CURIES								1.062E-03		
% OF TOTAL								0.001		
Y-90	2.667E+00									
CONCEN (UC/ML)								1.397E-08	1.00E-05	0.14
CURIES								1.226E-03		
% OF TOTAL								0.001		
ZN-65	2.438E+02									
CONCEN (UC/ML)			5.920E-07	5.130E-07				1.522E-07	9.00E-06	1.69
CURIES			5.121E-03	3.633E-03				1.337E-02		
% OF TOTAL			0.104	0.030				0.007		
ZR-95	6.403E+01									
CONCEN (UC/ML)							9.750E-07	2.666E-07	4.00E-05	0.67
CURIES							6.497E-03	2.341E-02		
% OF TOTAL							0.061	0.013		

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		1.800E+01	4.907E+00	1.208E+01	2.075E+01	7.432E+00	1.065E+01	1.837E+02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)		7.093E+06	8.650E+06	7.082E+06	6.132E+06	7.164E+06	6.664E+06	8.780E+07		

GRAND TOTALS (CURIES)		1.800E+01	4.907E+00	1.208E+01	2.075E+01	7.432E+00	1.065E+01	1.837E+02		

* NOTE: DCS value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

*** The CG limit is being approached or has been exceeded during the current month. Please verify the accuracy of the reported data. If the data is in error, please send correct data to Waste Information.

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

 TRA DISPOSED SOLID WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
AM-241	1.577E+05							
CURIES				5.700E-03		9.000E-04		7.300E-03
% OF TOTAL				0.256		0.010		0.001
GRAMS				1.657E-03		2.616E-04		2.122E-03
BA-140	1.276E+01							
CURIES						1.190E-02		8.811E-01
% OF TOTAL						0.135		0.097
C-14	2.092E+06							
CURIES								3.770E-04
% OF TOTAL								
CE-139	1.376E+02							
CURIES								3.000E-04
% OF TOTAL								
CE-141	3.250E+01							
CURIES				1.400E-03	1.800E-03	4.230E-02		1.148E+00
% OF TOTAL				0.063	0.048	0.478		0.126
CE-144	2.844E+02							
CURIES				9.200E-03	1.240E-02	1.413E-01		6.647E-01
% OF TOTAL				0.413	0.330	1.597		0.073
CO-58	7.091E+01							
CURIES				1.870E-06	1.740E-02	4.150E-03	4.688E-01	1.143E+00
% OF TOTAL				0.008	0.781	0.111	5.300	0.126
CO-60	1.924E+03							
CURIES				3.744E-03	3.435E-01	9.551E-02	2.690E+00	1.227E+02
% OF TOTAL				15.155	15.424	2.546	30.411	13.498
CR-51	2.770E+01							
CURIES				9.817E-01	3.456E+00	4.077E+00		5.656E+01
% OF TOTAL				44.080	92.106	46.091		6.222
CS-134	7.537E+02							
CURIES				9.278E-05	1.460E-02	1.696E-03	4.900E-03	9.889E-02
% OF TOTAL				0.376	0.656	0.045	0.055	0.011
CS-137	1.101E+04							
CURIES				2.014E-02	3.699E-01	3.669E-02	1.843E-01	6.881E-01
% OF TOTAL				81.531	16.609	0.978	2.083	0.076
EU-152	4.891E+03							
CURIES				3.286E-05		2.233E-04		2.562E-04
% OF TOTAL				0.133		0.006		

SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

PAGE 2 RPT 106
TRA-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
EU-154	3.103E+03							
CURIES			6.790E-05	8.700E-03	1.179E-04	1.300E-03		1.019E-02
% OF TOTAL			0.275	0.391	0.003	0.015		0.001
EU-155	1.727E+03							
CURIES				3.700E-03				3.700E-03
% OF TOTAL				0.166				
FE-55	9.782E+02							
CURIES								2.047E+02
% OF TOTAL								22.519
FE-59	4.451E+01							
CURIES						5.300E-03		5.300E-03
% OF TOTAL						0.060		0.001
H-3	4.490E+03							
CURIES				6.000E-04	3.200E-03	8.800E-03		2.660E-02
% OF TOTAL				0.027	0.085	0.099		0.003
HF-175	7.000E+01							
CURIES						5.000E-04		5.000E-04
% OF TOTAL						0.006		
HF-181	4.240E+01							
CURIES				2.300E-03	9.000E-04	7.080E-02		9.267E-01
% OF TOTAL				0.103	0.024	0.800		0.102
I-131	8.040E+00							
CURIES								5.600E-03
% OF TOTAL								0.001
I-132	9.500E-02							
CURIES								9.636E-01
% OF TOTAL								0.106
I-133	8.667E-01							
CURIES								1.500E-03
% OF TOTAL								
IR-192	7.383E+01							
CURIES						8.000E-04		8.000E-04
% OF TOTAL						0.009		
LA-140	1.678E+00							
CURIES				2.600E-03		3.840E-02		1.135E+00
% OF TOTAL				0.117		0.434		0.125

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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 TRA-S

 TRA DISPOSED SOLID WASTE SUMMARY
 FOR JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
MN-54	3.122E+02							
CURIES			2.592E-04	2.630E-02	5.400E-03	2.363E-01		1.291E+01
% OF TOTAL			1.049	1.181	0.144	2.671		1.420
MN-56	1.075E-01							
CURIES								1.306E+00
% OF TOTAL								0.144
MO-99	2.747E+00							
CURIES								3.950E-03
% OF TOTAL								
NA-24	6.237E-01							
CURIES								5.195E-01
% OF TOTAL								0.057
NB-94	7.300E+06							
CURIES								2.540E-08
% OF TOTAL								
NB-95	3.498E+01							
CURIES				5.400E-03	1.250E-02	2.370E-02		1.301E+02
% OF TOTAL				0.242	0.333	0.268		14.310
NI-59	2.774E+07							
CURIES								3.770E-03
% OF TOTAL								
NI-63	3.650E+04							
CURIES								1.004E+01
% OF TOTAL								1.105
PM-147	9.575E+02							
CURIES								2.390E+00
% OF TOTAL								0.263
PR-144	1.200E-02							
CURIES					6.380E-02			6.380E-02
% OF TOTAL					1.700			0.007
RE-188	7.075E-01							
CURIES								9.300E-03
% OF TOTAL								0.001
RU-103	3.924E+01							
CURIES					5.000E-04			6.930E-02
% OF TOTAL					0.013			0.008

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SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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TRA DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-S

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
SB-124 CURIES % OF TOTAL	6.020E+01							3.000E-04
SB-125 CURIES % OF TOTAL	1.007E+03		1.760E-04 0.712					2.021E+01 2.223
SC-46 CURIES % OF TOTAL	8.382E+01				4.000E-04 0.011	1.590E-02 0.180		4.050E-02 0.004
SE-75 CURIES % OF TOTAL	1.198E+02				2.800E-03 0.075			6.300E-03 0.001
SN-113 CURIES % OF TOTAL	1.151E+02							4.000E+00 0.440
SN-117M CURIES % OF TOTAL	1.360E+01							7.280E+00 0.801
SN-119M CURIES % OF TOTAL	2.930E+02							5.974E+01 6.572
SR-89 CURIES % OF TOTAL	5.052E+01							1.675E+00 0.184
SR-90 CURIES % OF TOTAL	1.059E+04			3.398E-01 15.258	3.950E-02 1.053	2.474E-01 2.797		7.830E-01 0.086
SR-91 CURIES % OF TOTAL	3.958E-01							4.400E-03
TC-99 CURIES % OF TOTAL	7.775E+07							7.290E-07
TE-125M CURIES % OF TOTAL	5.800E+01							4.069E+01 4.476

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
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TRA DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-S

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
TE-132 CURIES % OF TOTAL	3.258E+00							3.000E-04
Y-93 CURIES % OF TOTAL	4.250E-01							1.107E-01 0.012
ZN-65 CURIES % OF TOTAL	2.438E+02		1.880E-04 0.761	9.120E-02 4.095	9.600E-03 0.256	5.317E-01 6.011		1.632E+02 17.956
ZR-95 CURIES % OF TOTAL	6.403E+01			3.100E-03 0.139	5.000E-03 0.133	4.330E-02 0.489		6.218E+01 6.841
TOTALS								
ALPHA CURIES % OF TOTAL				5.700E-03 0.256		9.000E-04 0.010		7.300E-03 0.001
B+G CURIES % OF TOTAL			2.471E-02 100.000	2.221E+00 99.744	3.752E+00 100.000	8.845E+00 99.990		9.090E+02 99.997
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM				0		0		0
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)			3.266E+01	5.945E+00	1.020E+02	1.189E+01		1.786E+02
WEIGHT (KILOGRAMS)			7.725E+03	6.350E+03	4.923E+04	1.270E+04		1.021E+05
GRAND TOTALS (CURIES)			2.471E-02	2.227E+00	3.752E+00	8.846E+00		9.090E+02

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SCHED. NO. P61PM009-N

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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TRA-S

TRA SOLID WASTE SUMMARY
WERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
AG-110M	2.498E+02							
CURIES					8.602E-03	5.395E-03		2.420E-02
% OF TOTAL					0.143	0.144		0.143
BA-140	1.276E+01							
CURIES					8.602E-02	5.395E-02		2.420E-01
% OF TOTAL					1.435	1.443		1.433
CE-141	3.250E+01							
CURIES					8.602E-03	5.395E-03		2.420E-02
% OF TOTAL					0.143	0.144		0.143
CO-58	7.091E+01							
CURIES					1.146E-01	7.190E-02		3.226E-01
% OF TOTAL					1.912	1.923		1.910
CO-60	1.924E+03							
CURIES					3.451E+00	2.163E+00		9.711E+00
% OF TOTAL					57.551	57.859		57.488
CR-51	2.770E+01							
CURIES					1.146E+00	7.190E-01		3.226E+00
% OF TOTAL					19.119	19.235		19.096
CS-134	7.537E+02							
CURIES					1.150E-02	7.206E-03		3.235E-02
% OF TOTAL					0.192	0.193		0.192
CS-137	1.101E+04							
CURIES					8.602E-02	5.395E-02		2.420E-01
% OF TOTAL					1.435	1.443		1.433
EU-152	4.891E+03							
CURIES					3.154E-02	1.978E-02		8.874E-02
% OF TOTAL					0.526	0.529		0.525
EU-154	3.103E+03							
CURIES					2.007E-02	1.258E-02		5.646E-02
% OF TOTAL					0.335	0.337		0.334
FE-59	4.451E+01							
CURIES					7.168E-02	4.495E-02		2.017E-01
% OF TOTAL					1.196	1.203		1.194
HF-181	4.240E+01							
CURIES					3.421E-01	1.711E-01		9.019E-01
% OF TOTAL					5.706	4.576		5.339
I-131	8.040E+00							
CURIES					2.535E-03	1.596E-03		7.144E-03
% OF TOTAL					0.042	0.043		0.042
IR-192	7.383E+01							
CURIES					2.535E-03	1.596E-03		7.144E-03
% OF TOTAL					0.042	0.043		0.042
LA-140	1.678E+00							
CURIES					7.436E-03	4.666E-03		2.092E-02
% OF TOTAL					0.124	0.125		0.124
MN-54	3.122E+02							
CURIES					1.146E-01	7.190E-02		3.226E-01
% OF TOTAL					1.912	1.923		1.910

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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TRA-S

TRA SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
NB-95	3.498E+01							
CURIES					1.146E-01	7.190E-02		3.226E-01
% OF TOTAL					1.912	1.923		1.910
RU-103	3.924E+01							
CURIES					5.216E-03	3.596E-03		1.562E-02
% OF TOTAL					0.087	0.096		0.092
SB-124	6.020E+01							
CURIES					3.370E-03	2.325E-03		1.009E-02
% OF TOTAL					0.056	0.062		0.060
SB-125	1.007E+03							
CURIES					1.565E-02	1.079E-02		6.171E-02
% OF TOTAL					0.261	0.289		0.365
SC-46	8.382E+01							
CURIES					2.608E-01	1.798E-01		7.808E-01
% OF TOTAL					4.350	4.811		4.622
TA-182	1.145E+02							
CURIES					7.825E-03	5.395E-03		2.343E-02
% OF TOTAL					0.130	0.144		0.139
ZN-65	2.438E+02							
CURIES					1.825E-02	1.258E-02		5.312E-02
% OF TOTAL					0.304	0.337		0.314
ZR-95	6.403E+01							
CURIES					6.520E-02	4.395E-02		1.942E-01
% OF TOTAL					1.087	1.176		1.150
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES					5.996E+00	3.738E+00		1.689E+01
% OF TOTAL					100.000	100.000		99.996
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)					2.019E+02	1.285E+02		5.688E+02
WEIGHT (KILOGRAMS)					1.616E+04	1.028E+04		4.554E+04
GRAND TOTALS (CURIES)					5.996E+00	3.738E+00		1.689E+01

TRA-25

TRA Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June

SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TRA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		2.064E-06	3.462E-06	1.127E-06	3.653E-06	1.689E-06	3.589E-06	2.617E-06	6.656E-13	1.00E-08	0.01
CURIES		1.995E+02	3.372E+02	1.008E+02	3.497E+02	1.503E+02	3.235E+02	1.461E+03			
% OF TOTAL		91.874	60.170	35.108	84.672	79.848	91.061	72.285			
BA-139	5.771E-02										
CONCEN (UC/ML)		3.042E-11	3.076E-10	1.489E-10	8.187E-11	3.676E-11	6.813E-11	1.137E-10	2.892E-17	7.00E-08	
CURIES		2.940E-03	2.996E-02	1.332E-02	7.837E-03	3.272E-03	6.141E-03	6.347E-02			
% OF TOTAL		0.001	0.005	0.005	0.002	0.002	0.002	0.003			
BA-140	1.276E+01										
CONCEN (UC/ML)			6.977E-14	8.845E-14			4.661E-14	3.387E-14	8.615E-21	3.00E-09	
CURIES			6.796E-06	7.912E-06			4.201E-06	1.891E-05			
% OF TOTAL											
CO-58	7.091E+01										
CONCEN (UC/ML)				1.187E-14				1.902E-15	4.838E-22	2.00E-09	
CURIES				1.062E-06				1.062E-06			
% OF TOTAL											
CO-60	1.924E+03										
CONCEN (UC/ML)		5.210E-14	4.256E-14	4.242E-14		2.605E-14	2.444E-14	3.134E-14	7.972E-21	8.00E-11	
CURIES		5.035E-06	4.146E-06	3.794E-06		2.319E-06	2.203E-06	1.750E-05			
% OF TOTAL											
CR-51	2.770E+01										
CONCEN (UC/ML)		3.583E-12	5.460E-12	4.028E-12	1.081E-11	5.684E-12	1.553E-11	7.485E-12	1.904E-18	5.00E-08	
CURIES		3.463E-04	5.319E-04	3.603E-04	1.035E-03	5.059E-04	1.400E-03	4.179E-03			
% OF TOTAL											
CS-137	1.101E+04										
CONCEN (UC/ML)		1.621E-14	1.201E-14	2.276E-14	2.032E-14			1.203E-14	3.061E-21	4.00E-10	
CURIES		1.567E-06	1.170E-06	2.036E-06	1.945E-06			6.718E-06			
% OF TOTAL											
CS-138	2.236E-02										
CONCEN (UC/ML)		4.785E-10	4.350E-09	2.124E-09	1.287E-09	6.458E-10	1.006E-09	1.668E-09	4.243E-16	8.00E-09	
CURIES		4.624E-02	4.237E-01	1.900E-01	1.232E-01	5.748E-02	9.063E-02	9.312E-01			
% OF TOTAL		0.021	0.076	0.066	0.030	0.031	0.026	0.046			
GROSS-ALPHA											
CONCEN (UC/ML)		4.656E-17	1.540E-15	9.720E-16	1.494E-17	4.284E-16	3.234E-16	5.555E-16	1.413E-22		
CURIES		4.500E-09	1.500E-07	8.694E-08	1.430E-09	3.813E-08	2.915E-08	3.101E-07			
% OF TOTAL											

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SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TRA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
GROSS-BETA											
CONCEN (UC/ML)		5.388E-13	1.145E-12	1.314E-12	9.086E-13	5.510E-13	1.135E-12	9.303E-13	2.367E-19		
CURIES		5.207E-05	1.115E-04	1.175E-04	8.698E-05	4.904E-05	1.023E-04	5.195E-04			
% OF TOTAL											
HG-203 4.659E+01											
CONCEN (UC/ML)		1.255E-13	1.342E-13	4.981E-14	5.802E-14	1.283E-13	1.040E-13	1.003E-13	2.551E-20	2.00E-09	
CURIES		1.213E-05	1.307E-05	4.455E-06	5.554E-06	1.142E-05	9.371E-06	5.600E-05			
% OF TOTAL											
I-131 8.040E+00											
CONCEN (UC/ML)		5.464E-14	1.565E-12	7.462E-13	3.466E-13	1.367E-13	1.230E-13	5.030E-13	1.280E-19	4.00E-10	
CURIES		5.280E-06	1.524E-04	6.675E-05	3.318E-05	1.217E-05	1.109E-05	2.809E-04			
% OF TOTAL											
I-132 9.500E-02											
CONCEN (UC/ML)			1.351E-11		1.289E-11			4.567E-12	1.162E-18	8.00E-09	
CURIES			1.316E-03		1.234E-03			2.550E-03			
% OF TOTAL											
I-133 8.667E-01											
CONCEN (UC/ML)		1.048E-12	4.686E-12		1.352E-12		5.161E-13	1.314E-12	3.343E-19	2.00E-09	
CURIES		1.013E-04	4.565E-04		1.294E-04		4.652E-05	7.337E-04			
% OF TOTAL											
I-135 2.744E-01											
CONCEN (UC/ML)		4.102E-12	8.828E-12					2.250E-12	5.724E-19	1.00E-08	
CURIES		3.964E-04	8.599E-04					1.256E-03			
% OF TOTAL											
KR-85M 1.867E-01											
CONCEN (UC/ML)		8.667E-09	1.061E-07	9.923E-08	3.002E-08	2.000E-08	1.585E-08	4.681E-08	1.191E-14	1.00E-07	
CURIES		8.376E-01	1.034E+01	8.876E+00	2.874E+00	1.780E+00	1.429E+00	2.614E+01			
% OF TOTAL		0.386	1.845	3.091	0.696	0.946	0.402	1.293			
KR-87 5.278E-02											
CONCEN (UC/ML)		2.523E-08	3.134E-07	3.038E-07	9.317E-08	6.178E-08	5.007E-08	1.416E-07	3.602E-14	2.00E-08	
CURIES		2.438E+00	3.053E+01	2.717E+01	8.918E+00	5.499E+00	4.513E+00	7.907E+01			
% OF TOTAL		1.123	5.448	9.463	2.159	2.921	1.270	3.912			
KR-88 1.183E-01											
CONCEN (UC/ML)		1.840E-08	3.201E-07	3.188E-07	9.810E-08	6.665E-08	4.487E-08	1.448E-07	3.683E-14	9.00E-09	
CURIES		1.778E+00	3.118E+01	2.852E+01	9.390E+00	5.932E+00	4.044E+00	8.084E+01			
% OF TOTAL		0.819	5.564	9.933	2.274	3.151	1.138	4.000			

TRA-30

IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 TRA AIRBORNE WASTE SUMMARY
 FOR JAN THROUGH JUN 1992

 PAGE 3 RPT. 104
 TRA-A
 YEARLY
 RELEASE
 % OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
LA-140	1.678E+00										
CONCEN (UC/ML)			1.241E-13	1.296E-13			6.675E-14	5.318E-14	1.353E-20	3.00E-09	
CURIES			1.209E-05	1.159E-05			6.016E-06	2.970E-05			
% OF TOTAL											
NA-24	6.237E-01										
CONCEN (UC/ML)		2.008E-12	5.768E-12	2.027E-12	6.716E-12	2.602E-12	5.880E-11	1.274E-11	3.240E-18	4.00E-09	
CURIES		1.941E-04	5.619E-04	1.813E-04	6.429E-04	2.316E-04	5.300E-03	7.112E-03			
% OF TOTAL							0.001				
OS-191	1.540E+01										
CONCEN (UC/ML)		8.241E-13	8.639E-13			2.613E-13	2.850E-13	3.810E-13	9.692E-20	3.00E-09	
CURIES		7.964E-05	8.415E-05			2.326E-05	2.569E-05	2.127E-04			
% OF TOTAL											
RB-88	1.229E-02										
CONCEN (UC/ML)		4.233E-10	3.736E-09	1.586E-09	9.072E-10	5.523E-10	8.148E-10	1.354E-09	3.445E-16	3.00E-08	
CURIES		4.091E-02	3.639E-01	1.419E-01	8.684E-02	4.916E-02	7.344E-02	7.562E-01			
% OF TOTAL		0.019	0.065	0.049	0.021	0.026	0.021	0.037			
RB-89	1.056E-02										
CONCEN (UC/ML)		4.892E-10	4.516E-09	1.754E-09	1.488E-09	5.715E-10	1.064E-09	1.671E-09	4.252E-16	9.00E-09	
CURIES		4.728E-02	4.399E-01	1.569E-01	1.424E-01	5.087E-02	9.594E-02	9.333E-01			
% OF TOTAL		0.022	0.078	0.055	0.034	0.027	0.027	0.046			
RE-188	7.075E-01										
CONCEN (UC/ML)				9.022E-14			7.436E-13	1.345E-13	3.421E-20	6.00E-09	
CURIES				8.070E-06			6.702E-05	7.509E-05			
% OF TOTAL											
SR-90	1.059E+04										
CONCEN (UC/ML)		2.038E-14	2.742E-15	6.105E-15	5.465E-15	7.692E-15	1.419E-15	7.377E-15	1.877E-21	9.00E-12	
CURIES		1.970E-06	2.671E-07	5.461E-07	5.231E-07	6.846E-07	1.279E-07	4.119E-06			
% OF TOTAL											
TC-99M	2.504E-01										
CONCEN (UC/ML)		1.097E-12	6.847E-12	2.252E-12	4.544E-12	1.389E-12	7.999E-12	4.037E-12	1.027E-18	1.00E-07	
CURIES		1.060E-04	6.670E-04	2.014E-04	4.350E-04	1.236E-04	7.210E-04	2.254E-03			
% OF TOTAL											
XE-133	5.250E+00										
CONCEN (UC/ML)		9.822E-09	1.533E-07	8.457E-08	1.792E-08	1.016E-08	4.891E-09	4.747E-08	1.208E-14	5.00E-07	
CURIES		9.492E-01	1.493E+01	7.565E+00	1.715E+00	9.039E-01	4.408E-01	2.650E+01			
% OF TOTAL		0.437	2.664	2.635	0.415	0.480	0.124	1.311			

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SCHED. NO. P61PM009-C

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 4 RPT. 104
TRA-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
XE-135	3.792E-01										
CONCEN (UC/ML)		3.025E-08	3.626E-07	3.183E-07	1.001E-07	6.797E-08	5.737E-08	1.567E-07	3.987E-14	8.00E-08	
CURIES		2.923E+00	3.532E+01	2.847E+01	9.579E+00	6.050E+00	5.171E+00	8.751E+01			
% OF TOTAL		1.346	6.303	9.916	2.319	3.214	1.456	4.330			
XE-135M	1.062E-02										
CONCEN (UC/ML)		2.019E-08	1.638E-07	1.396E-07	4.940E-08	2.859E-08	2.236E-08	7.108E-08	1.808E-14	5.00E-08	
CURIES		1.951E+00	1.596E+01	1.249E+01	4.729E+00	2.545E+00	2.015E+00	3.969E+01			
% OF TOTAL		0.898	2.848	4.350	1.145	1.352	0.567	1.964			
XE-138	9.792E-03										
CONCEN (UC/ML)		6.861E-08	8.591E-07	8.130E-07	2.689E-07	1.692E-07	1.539E-07	3.899E-07	9.919E-14	2.00E-08	
CURIES		6.631E+00	8.369E+01	7.272E+01	2.574E+01	1.506E+01	1.387E+01	2.177E+02			
% OF TOTAL		3.054	14.934	25.328	6.232	8.001	3.904	10.772			
Y-90	2.667E+00										
CONCEN (UC/ML)		2.038E-14	2.742E-15	6.105E-15	5.465E-15	7.692E-15	1.419E-15	7.377E-15	1.877E-21	1.00E-09	
CURIES		1.970E-06	2.671E-07	5.461E-07	5.231E-07	6.846E-07	1.279E-07	4.119E-06			
% OF TOTAL											
Y-91M	3.451E-02										
CONCEN (UC/ML)			7.256E-12	4.121E-12			4.318E-12	2.623E-12	6.673E-19	4.00E-08	
CURIES			7.068E-04	3.686E-04			3.892E-04	1.465E-03			
% OF TOTAL											
ZN-65	2.438E+02										
CONCEN (UC/ML)		1.243E-14						2.151E-15	5.472E-22	6.00E-10	
CURIES		1.201E-06						1.201E-06			
% OF TOTAL											
TOTALS											
ALPHA CURIES		4.500E-09	1.500E-07	8.694E-08	1.430E-09	3.813E-08	2.915E-08	3.101E-07			
% OF TOTAL											
B+G CURIES		2.171E+02	5.604E+02	2.871E+02	4.130E+02	1.882E+02	3.553E+02	2.021E+03			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999			
VOLUME (CU. METERS)		9.664E+07	9.741E+07	8.945E+07	9.572E+07	8.901E+07	9.013E+07	5.584E+08			
GRAND TOTALS (CURIES)		2.171E+02	5.604E+02	2.871E+02	4.130E+02	1.882E+02	3.553E+02	2.021E+03			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

TRA-32

SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TRA-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
AG-110M	2.498E+02									
CONCEN (UC/ML)			3.990E-07					6.491E-08	1.00E-05	0.65
CURIES			2.922E-03					2.922E-03		
% OF TOTAL			0.012					0.003		
CE-141	3.250E+01									
CONCEN (UC/ML)			5.170E-07	4.130E-07	4.010E-07			2.375E-07	5.00E-05	0.48
CURIES			3.786E-03	3.935E-03	2.970E-03			1.069E-02		
% OF TOTAL			0.016	0.025	0.015			0.010		
CE-144	2.844E+02									
CONCEN (UC/ML)		1.390E-07	2.360E-07		2.090E-07	2.610E-07		1.357E-07	7.00E-06	1.94
CURIES		1.128E-03	1.728E-03		1.548E-03	1.705E-03		6.109E-03		
% OF TOTAL		0.005	0.007		0.008	0.013		0.006		
CO-60	1.924E+03									
CONCEN (UC/ML)		7.140E-07	9.370E-07	7.770E-07	8.610E-07	1.190E-06	9.050E-07	8.828E-07	5.00E-06	17.66
CURIES		5.796E-03	6.862E-03	7.403E-03	6.377E-03	7.774E-03	5.525E-03	3.974E-02		
% OF TOTAL		0.027	0.029	0.047	0.033	0.058	0.034	0.036		
CR-51	2.770E+01									
CONCEN (UC/ML)		3.110E-05	1.980E-05	1.910E-05	1.710E-05	7.980E-05	1.920E-05	2.987E-05	1.00E-03	2.99
CURIES		2.524E-01	1.450E-01	1.820E-01	1.266E-01	5.213E-01	1.172E-01	1.345E+00		
% OF TOTAL		1.193	0.613	1.154	0.648	3.912	0.715	1.224		
CS-137	1.101E+04									
CONCEN (UC/ML)		1.400E-07						2.525E-08	3.00E-06	0.84
CURIES		1.136E-03						1.136E-03		
% OF TOTAL		0.005						0.001		
GROSS-BETA										
CONCEN (UC/ML)		5.200E-06	4.700E-06	4.400E-06	6.100E-06	1.600E-05	3.700E-06	6.461E-06		
CURIES		4.221E-02	3.442E-02	4.192E-02	4.518E-02	1.045E-01	2.259E-02	2.908E-01		
% OF TOTAL		0.199	0.146	0.266	0.231	0.784	0.138	0.265		
H-3	4.490E+03									
CONCEN (UC/ML)		2.570E-03	3.200E-03	1.630E-03	2.610E-03	1.940E-03	2.660E-03	2.401E-03	2.00E-03	120.04
CURIES		2.086E+01	2.343E+01	1.553E+01	1.933E+01	1.267E+01	1.624E+01	1.081E+02		*****
% OF TOTAL		98.555	99.142	98.446	98.841	95.112	99.065	98.375		
HF-181	4.240E+01									
CONCEN (UC/ML)					5.660E-07			9.313E-08	3.00E-05	0.31
CURIES					4.192E-03			4.192E-03		
% OF TOTAL					0.021			0.004		

TRA-33

SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TRA-L

TRA-34

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
I-131	8.040E+00									
CONCEN (UC/ML)			1.520E-07	5.180E-07		1.640E-07		1.582E-07	3.00E-06	5.27
CURIES			1.113E-03	4.936E-03		1.071E-03		7.120E-03		
% OF TOTAL			0.005	0.031		0.008		0.006		
NA-24	6.237E-01									
CONCEN (UC/ML)		1.970E-07			1.300E-06		7.790E-07	3.551E-07	1.00E-04	0.36
CURIES		1.599E-03			9.628E-03		4.756E-03	1.598E-02		
% OF TOTAL		0.008			0.049		0.029	0.015		
NB-95	3.498E+01									
CONCEN (UC/ML)					7.780E-07			1.280E-07	6.00E-05	0.21
CURIES					5.762E-03			5.762E-03		
% OF TOTAL					0.029			0.005		
NB-97	5.111E-02									
CONCEN (UC/ML)			5.780E-07					9.403E-08	6.00E-04	0.02
CURIES			4.233E-03					4.233E-03		
% OF TOTAL			0.018					0.004		
RU-103	3.924E+01									
CONCEN (UC/ML)					1.510E-06			2.484E-07	5.00E-05	0.50
CURIES					1.118E-02			1.118E-02		
% OF TOTAL					0.057			0.010		
SR-89	5.052E+01									
CONCEN (UC/ML)			3.300E-09	1.400E-07		1.700E-06	5.200E-07	3.474E-07	2.00E-05	1.74
CURIES			2.417E-05	1.334E-03		1.111E-02	3.175E-03	1.564E-02		
% OF TOTAL				0.008		0.083	0.019	0.014		
SR-90	1.059E+04									
CONCEN (UC/ML)			6.000E-09			1.810E-07		2.725E-08	1.00E-06	2.72
CURIES			4.394E-05			1.182E-03		1.226E-03		
% OF TOTAL						0.009		0.001		
XE-133	5.250E+00									
CONCEN (UC/ML)			1.450E-07					2.359E-08		
CURIES			1.062E-03					1.062E-03		
% OF TOTAL			0.004					0.001		
Y-90	2.667E+00									
CONCEN (UC/ML)			6.000E-09			1.810E-07		2.725E-08	1.00E-05	0.27
CURIES			4.394E-05			1.182E-03		1.226E-03		
% OF TOTAL						0.009		0.001		

SCHED. NO. P61PM009-E

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 3 RPT. 105
TRA-L

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
ZN-65	2.438E+02									
CONCEN (UC/ML)		1.890E-07		1.730E-07		2.190E-07		1.025E-07	9.00E-06	1.14
CURIES		1.534E-03		1.648E-03		1.431E-03		4.613E-03		
% OF TOTAL		0.007		0.010		0.011		0.004		
ZR-95	6.403E+01									
CONCEN (UC/ML)			2.120E-07	2.130E-07	1.800E-06			3.757E-07	4.00E-05	0.94
CURIES			1.552E-03	2.029E-03	1.333E-02			1.691E-02		
% OF TOTAL			0.007	0.013	0.068			0.015		
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		2.117E+01	2.364E+01	1.578E+01	1.956E+01	1.333E+01	1.639E+01	1.099E+02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)		8.117E+06	7.323E+06	9.528E+06	7.406E+06	6.533E+06	6.105E+06	4.501E+07		
GRAND TOTALS (CURIES)		2.117E+01	2.364E+01	1.578E+01	1.956E+01	1.333E+01	1.639E+01	1.099E+02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

*** The CG limit is being approached or has been exceeded during the current month. Please verify the accuracy of the reported data. If the data is in error, please send correct data to Waste Information.

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SCHED. NO. P61PM009-G

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT 106
TRA-S

TRA-36

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
AM-241	1.577E+05							
CURIES							7.000E-04	7.000E-04
% OF TOTAL							0.077	
GRAMS							2.035E-04	2.035E-04
BA-140	1.276E+01							
CURIES					8.692E-01			8.692E-01
% OF TOTAL					5.747			0.097
C-14	2.092E+06							
CURIES			3.770E-04					3.770E-04
% OF TOTAL								
CE-139	1.376E+02							
CURIES			3.000E-04					3.000E-04
% OF TOTAL								
CE-141	3.250E+01							
CURIES					1.094E+00		8.300E-03	1.102E+00
% OF TOTAL					7.233		0.907	0.123
CE-144	2.844E+02							
CURIES				5.400E-03	4.872E-01		9.200E-03	5.018E-01
% OF TOTAL				0.015	3.221		1.006	0.056
CO-58	7.091E+01							
CURIES			1.000E-04	3.800E-03	6.419E-01		7.200E-03	6.530E-01
% OF TOTAL				0.011	4.244		0.787	0.073
CO-60	1.924E+03							
CURIES		1.042E+02	1.258E+01	7.380E-02	2.528E+00		1.834E-01	1.196E+02
% OF TOTAL		33.704	2.360	0.206	16.715		20.048	13.372
CR-51	2.770E+01							
CURIES			7.081E+00	3.574E+01	4.673E+00		5.464E-01	4.804E+01
% OF TOTAL			1.328	99.660	30.897		59.729	5.373
CS-134	7.537E+02							
CURIES					2.880E-02		4.880E-02	7.760E-02
% OF TOTAL					0.190		5.335	0.009
CS-137	1.101E+04							
CURIES					7.710E-02			7.710E-02
% OF TOTAL					0.510			0.009
FE-55	9.782E+02							
CURIES		1.398E+02	6.490E+01					2.047E+02
% OF TOTAL		45.219	12.174					22.893

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
H-3	4.490E+03							
CURIES			6.010E-10	9.100E-03	4.200E-03		7.000E-04	1.400E-02
% OF TOTAL				0.025	0.028		0.077	0.002
HF-181	4.240E+01							
CURIES			6.000E-04	4.300E-03	8.441E-01		3.700E-03	8.527E-01
% OF TOTAL				0.012	5.581		0.404	0.095
I-131	8.040E+00							
CURIES				5.600E-03				5.600E-03
% OF TOTAL				0.016				0.001
I-132	9.500E-02							
CURIES			9.636E-01					9.636E-01
% OF TOTAL			0.181					0.108
I-133	8.667E-01							
CURIES			1.500E-03					1.500E-03
% OF TOTAL								
LA-140	1.678E+00							
CURIES					1.092E+00		1.800E-03	1.094E+00
% OF TOTAL					7.220		0.197	0.122
MN-54	3.122E+02							
CURIES		3.440E+00	8.980E+00	5.200E-03	2.062E-01		7.400E-03	1.264E+01
% OF TOTAL		1.113	1.685	0.014	1.363		0.809	1.414
MN-56	1.075E-01							
CURIES			1.306E+00					1.306E+00
% OF TOTAL			0.245					0.146
MO-99	2.747E+00							
CURIES			3.950E-03					3.950E-03
% OF TOTAL			0.001					
NA-24	6.237E-01							
CURIES			5.195E-01					5.195E-01
% OF TOTAL			0.097					0.058
NB-94	7.300E+06							
CURIES			2.540E-08					2.540E-08
% OF TOTAL								
NB-95	3.498E+01							
CURIES			1.300E+02	2.500E-03	1.995E-02		1.700E-02	1.300E+02
% OF TOTAL			24.386	0.007	0.132		1.858	14.543

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
NI-59 CURIES % OF TOTAL	2.774E+07		3.770E-03 0.001					3.770E-03
NI-63 CURIES % OF TOTAL	3.650E+04	9.340E+00 3.021	7.000E-01 0.131					1.004E+01 1.123
PM-147 CURIES % OF TOTAL	9.575E+02	2.390E+00 0.773						2.390E+00 0.267
RE-188 CURIES % OF TOTAL	7.075E-01		9.300E-03 0.002					9.300E-03 0.001
RU-103 CURIES % OF TOTAL	3.924E+01			5.000E-04 0.001	6.250E-02 0.413		5.800E-03 0.634	6.880E-02 0.008
SB-124 CURIES % OF TOTAL	6.020E+01		3.000E-04					3.000E-04
SB-125 CURIES % OF TOTAL	1.007E+03	2.370E+00 0.767	1.784E+01 3.347					2.021E+01 2.260
SC-46 CURIES % OF TOTAL	8.382E+01				2.420E-02 0.160			2.420E-02 0.003
SE-75 CURIES % OF TOTAL	1.198E+02		1.700E-03	1.800E-03 0.005				3.500E-03
SN-113 CURIES % OF TOTAL	1.151E+02		4.000E+00 0.750					4.000E+00 0.447
SN-117M CURIES % OF TOTAL	1.360E+01	7.280E+00 2.355						7.280E+00 0.814
SN-119M CURIES % OF TOTAL	2.930E+02		5.974E+01 11.206					5.974E+01 6.681

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TRA DISPOSED SOLID WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
SR-89	5.052E+01							
CURIES					1.675E+00			1.675E+00
% OF TOTAL					11.075			0.187
SR-90	1.059E+04							
CURIES			1.070E-02	2.500E-03	1.178E-01		2.530E-02	1.563E-01
% OF TOTAL			0.002	0.007	0.779		2.766	0.017
SR-91	3.958E-01							
CURIES			4.400E-03					4.400E-03
% OF TOTAL			0.001					
TC-99	7.775E+07							
CURIES			7.290E-07					7.290E-07
% OF TOTAL								
TE-125M	5.800E+01							
CURIES			4.069E+01					4.069E+01
% OF TOTAL			7.633					4.551
TE-132	3.258E+00							
CURIES			3.000E-04					3.000E-04
% OF TOTAL								
Y-93	4.250E-01							
CURIES					1.107E-01			1.107E-01
% OF TOTAL					0.732			0.012
ZN-65	2.438E+02							
CURIES		4.034E+01	1.218E+02	7.300E-03	4.503E-01		3.810E-02	1.626E+02
% OF TOTAL		13.048	22.839	0.020	2.977		4.165	18.183
ZR-95	6.403E+01							
CURIES			6.200E+01	4.000E-04	1.183E-01		1.100E-02	6.213E+01
% OF TOTAL			11.630	0.001	0.782		1.202	6.948

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TRA DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
TOTALS								
ALPHA CURIES							7.000E-04	7.000E-04
% OF TOTAL							0.077	
B+G CURIES		3.092E+02	5.331E+02	3.586E+01	1.512E+01		9.141E-01	8.941E+02
% OF TOTAL		100.000	100.000	100.000	100.000		99.923	99.999
TOTAL GRAMS OF AM								
TOTAL GRAMS OF AM							0	0
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		7.640E-01	7.473E+00	5.945E+00	5.945E+00		5.945E+00	2.607E+01
WEIGHT (KILOGRAMS)		1.814E+02	6.885E+03	6.350E+03	6.350E+03		6.350E+03	2.612E+04

GRAND TOTALS (CURIES)		3.092E+02	5.331E+02	3.586E+01	1.512E+01		9.148E-01	8.941E+02

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U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

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TRA SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH JUN 1992

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
AG-110M	2.498E+02							
CURIES		7.776E-03	2.430E-03					1.021E-02
% OF TOTAL		0.144	0.139					0.143
BA-140	1.276E+01							
CURIES		7.776E-02	2.430E-02					1.021E-01
% OF TOTAL		1.439	1.385					1.426
CE-141	3.250E+01							
CURIES		7.776E-03	2.430E-03					1.021E-02
% OF TOTAL		0.144	0.139					0.143
CO-58	7.091E+01							
CURIES		1.036E-01	3.238E-02					1.360E-01
% OF TOTAL		1.918	1.846					1.900
CO-60	1.924E+03							
CURIES		3.120E+00	9.770E-01					4.097E+00
% OF TOTAL		57.746	55.691					57.242
CR-51	2.770E+01							
CURIES		1.036E+00	3.238E-01					1.360E+00
% OF TOTAL		19.181	18.457					19.004
CS-134	7.537E+02							
CURIES		1.040E-02	3.254E-03					1.365E-02
% OF TOTAL		0.192	0.185					0.191
CS-137	1.101E+04							
CURIES		7.776E-02	2.430E-02					1.021E-01
% OF TOTAL		1.439	1.385					1.426
EU-152	4.891E+03							
CURIES		2.851E-02	8.909E-03					3.742E-02
% OF TOTAL		0.528	0.508					0.523
EU-154	3.103E+03							
CURIES		1.814E-02	5.668E-03					2.381E-02
% OF TOTAL		0.336	0.323					0.333
FE-59	4.451E+01							
CURIES		6.480E-02	2.025E-02					8.505E-02
% OF TOTAL		1.199	1.154					1.188
HF-181	4.240E+01							
CURIES		2.592E-01	1.296E-01					3.888E-01
% OF TOTAL		4.796	7.387					5.431
I-131	8.040E+00							
CURIES		2.300E-03	7.128E-04					3.013E-03
% OF TOTAL		0.043	0.041					0.042
IR-192	7.383E+01							
CURIES		2.300E-03	7.128E-04					3.013E-03
% OF TOTAL		0.043	0.041					0.042
LA-140	1.678E+00							
CURIES		6.723E-03	2.098E-03					8.821E-03
% OF TOTAL		0.124	0.120					0.123
MN-54	3.122E+02							
CURIES		1.036E-01	3.238E-02					1.360E-01
% OF TOTAL		1.918	1.846					1.900

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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TRA SOLID WASTE SUMMARY
MERF INCINERATOR PROCESSED WASTE
FROM JAN THROUGH JUN 1992

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
NB-95	3.498E+01							
CURIES		1.036E-01	3.238E-02					1.360E-01
% OF TOTAL		1.918	1.846					1.900
RU-103	3.924E+01							
CURIES		5.184E-03	1.620E-03					6.804E-03
% OF TOTAL		0.096	0.092					0.095
SB-124	6.020E+01							
CURIES		3.353E-03	1.045E-03					4.398E-03
% OF TOTAL		0.062	0.060					0.061
SB-125	1.007E+03							
CURIES		1.555E-02	1.973E-02					3.528E-02
% OF TOTAL		0.288	1.124					0.493
SC-46	8.382E+01							
CURIES		2.592E-01	8.100E-02					3.402E-01
% OF TOTAL		4.797	4.617					4.753
TA-182	1.145E+02							
CURIES		7.776E-03	2.430E-03					1.021E-02
% OF TOTAL		0.144	0.139					0.143
ZN-65	2.438E+02							
CURIES		1.661E-02	5.668E-03					2.228E-02
% OF TOTAL		0.307	0.323					0.311
ZR-95	6.403E+01							
CURIES		6.480E-02	2.025E-02					8.505E-02
% OF TOTAL		1.199	1.154					1.188
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		5.404E+00	1.754E+00					7.158E+00
% OF TOTAL		100.000	100.000					99.998
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		1.835E+02	5.505E+01					2.385E+02
WEIGHT (KILOGRAMS)		1.469E+04	4.407E+03					1.910E+04
GRAND TOTALS (CURIES)		5.404E+00	1.754E+00					7.158E+00

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**TRA Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

IDAHO OPERATIONS OFFICE
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RUN DATE: 05/07/93

ALPHA LAB AIR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA										
CONCEN (UC/ML)				1.299E-16			5.882E-17	2.740E-16	6.240E-23	
CURIES				2.300E-09			1.190E-09	5.796E-08		
UNCERT(CURIES)				4.180E-09			5.740E-09			
UNCERT(UC/ML)										
% OF TOTAL				5.882			2.543	6.653		
GROSS-BETA										
CONCEN (UC/ML)		1.956E-15	2.056E-15	2.079E-15	1.897E-15	1.407E-15	2.254E-15	3.845E-15	8.754E-22	
CURIES		3.350E-08	3.640E-08	3.680E-08	3.250E-08	2.490E-08	4.560E-08	8.132E-07		
UNCERT(CURIES)		8.540E-09	8.760E-09	7.140E-09	6.580E-09	7.520E-09	7.950E-09			
UNCERT(UC/ML)										
% OF TOTAL		100.000	100.000	94.118	100.000	100.000	97.457	93.347		
TOTALS										
ALPHA CURIES				2.300E-09			1.190E-09	5.796E-08		
% OF TOTAL				5.882			2.543	6.653		
B+G CURIES		3.350E-08	3.640E-08	3.680E-08	3.250E-08	2.490E-08	4.560E-08	8.132E-07		
% OF TOTAL		100.000	100.000	94.118	100.000	100.000	97.457	93.347		
VOLUME (CU. METERS)		1.713E+07	1.770E+07	1.770E+07	1.713E+07	1.770E+07	2.023E+07	2.115E+08		
GRAND TOTALS (CURIES)		3.350E-08	3.640E-08	3.910E-08	3.250E-08	2.490E-08	4.679E-08	8.712E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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ATR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		4.037E-06	7.920E-07	3.589E-06	5.444E-06	3.541E-06	2.649E-06	3.879E-06	9.869E-13	1.00E-08	0.01
CURIES		2.093E+02	3.363E+01	1.907E+02	2.791E+02	1.886E+02	1.363E+02	2.499E+03			
UNCERT(CURIES)		7.000E-01	2.200E-01	6.000E-01	7.000E-01	8.000E-01	6.000E-01				
UNCERT(UC/ML)											
% OF TOTAL		91.006	87.413	88.454	91.684	58.343	44.542	72.658			
BA-139	5.771E-02										
CONCEN (UC/ML)		4.327E-11	9.927E-11	4.189E-11	7.104E-11	4.548E-10	5.627E-11	1.598E-10	4.065E-17	7.00E-08	
CURIES		2.243E-03	4.215E-03	2.226E-03	3.642E-03	2.422E-02	2.895E-03	1.029E-01			
UNCERT(CURIES)		8.900E-05	2.360E-04	9.800E-05	1.190E-04	3.400E-04	2.000E-04				
UNCERT(UC/ML)											
% OF TOTAL		0.001	0.011	0.001	0.001	0.007	0.001	0.003			
BA-140	1.276E+01										
CONCEN (UC/ML)							9.563E-14	3.700E-14	9.412E-21	3.00E-09	
CURIES							4.920E-06	2.383E-05			
UNCERT(CURIES)							1.880E-06				
UNCERT(UC/ML)											
% OF TOTAL											
CO-58	7.091E+01										
CONCEN (UC/ML)								1.649E-15	4.195E-22	2.00E-09	
CURIES								1.062E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											
CO-60	1.924E+03										
CONCEN (UC/ML)		1.141E-13	1.338E-13	3.865E-14		1.563E-13	7.079E-14	6.695E-14	1.703E-20	8.00E-11	
CURIES		5.917E-06	5.683E-06	2.054E-06		8.327E-06	3.642E-06	4.312E-05			
UNCERT(CURIES)		6.110E-07	1.890E-06	5.730E-07		1.570E-06	1.100E-06				
UNCERT(UC/ML)											
% OF TOTAL											
CR-51	2.770E+01										
CONCEN (UC/ML)		8.968E-12	2.213E-12	5.329E-12	4.550E-12	3.395E-12	3.353E-12	8.707E-12	2.215E-18	5.00E-08	
CURIES		4.649E-04	9.395E-05	2.832E-04	2.333E-04	1.808E-04	1.725E-04	5.608E-03			
UNCERT(CURIES)		6.900E-06	7.590E-06	7.600E-06	6.000E-06	7.700E-06	9.000E-06				
UNCERT(UC/ML)											
% OF TOTAL											
CS-137	1.101E+04										
CONCEN (UC/ML)		1.325E-14	7.240E-14	2.381E-14				1.521E-14	3.868E-21	4.00E-10	
CURIES		6.869E-07	3.074E-06	1.265E-06				9.794E-06			
UNCERT(CURIES)		2.980E-07	1.410E-06	4.190E-07							
UNCERT(UC/ML)											
% OF TOTAL											

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U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ATR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CS-138	2.236E-02										
CONCEN (UC/ML)		5.860E-10	1.616E-09	6.154E-10	1.156E-09	6.797E-09	8.350E-10	2.371E-09	6.032E-16	8.00E-09	
CURIES		3.038E-02	6.860E-02	3.270E-02	5.928E-02	3.620E-01	4.296E-02	1.527E+00			
UNCERT(CURIES)		7.800E-04	1.720E-03	7.000E-04	8.900E-04	3.100E-03	1.230E-03				
UNCERT(UC/ML)											
% OF TOTAL		0.013	0.178	0.015	0.019	0.112	0.014	0.044			
GROSS-ALPHA											
CONCEN (UC/ML)				2.281E-15		4.780E-15	4.610E-15	9.518E-16	2.421E-22		
CURIES				1.212E-07		2.546E-07	2.372E-07	6.130E-07			
UNCERT(CURIES)				4.040E-08		1.090E-07	6.880E-08				
UNCERT(UC/ML)											
% OF TOTAL											
GROSS-BETA											
CONCEN (UC/ML)		1.073E-12	2.713E-13	5.476E-13	3.747E-13	7.308E-13	9.221E-13	1.108E-12	2.819E-19		
CURIES		5.562E-05	1.152E-05	2.910E-05	1.921E-05	3.892E-05	4.744E-05	7.138E-04			
UNCERT(CURIES)		9.270E-06	1.870E-06	4.860E-06	3.030E-06	6.190E-06	6.640E-06				
UNCERT(UC/ML)											
% OF TOTAL											
HG-203	4.659E+01										
CONCEN (UC/ML)		1.309E-13	8.278E-14	1.387E-13	1.525E-13	1.116E-13	2.367E-13	1.547E-13	3.935E-20	2.00E-09	
CURIES		6.786E-06	3.515E-06	7.371E-06	7.820E-06	5.944E-06	1.218E-05	9.962E-05			
UNCERT(CURIES)		8.050E-07	9.650E-07	1.000E-06	9.790E-07	1.130E-06	1.290E-06				
UNCERT(UC/ML)											
% OF TOTAL											
I-131	8.040E+00										
CONCEN (UC/ML)		1.125E-13		1.538E-13	1.614E-13	1.411E-12	2.533E-12	7.896E-13	2.009E-19	4.00E-10	
CURIES		5.832E-06		8.171E-06	8.275E-06	7.513E-05	1.303E-04	5.086E-04			
UNCERT(CURIES)		1.410E-06		1.800E-06	1.700E-06	5.060E-06	8.600E-06				
UNCERT(UC/ML)											
% OF TOTAL											
I-132	9.500E-02										
CONCEN (UC/ML)						1.481E-10		1.621E-11	4.123E-18	8.00E-09	
CURIES						7.890E-03		1.044E-02			
UNCERT(CURIES)						4.210E-04					
UNCERT(UC/ML)											
% OF TOTAL						0.002					
I-133	8.667E-01										
CONCEN (UC/ML)				7.296E-13	1.763E-12	1.082E-11	1.436E-12	2.349E-12	5.977E-19	2.00E-09	
CURIES				3.877E-05	9.039E-05	5.765E-04	7.386E-05	1.513E-03			
UNCERT(CURIES)				1.430E-05	1.700E-05	4.630E-05	2.320E-05				
UNCERT(UC/ML)											
% OF TOTAL											

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[illegible]

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
RB-88	1.229E-02										
CONCEN (UC/ML)		5.276E-10	1.563E-09	5.463E-10	8.674E-10	7.069E-09	6.251E-10	2.068E-09	5.261E-16	3.00E-08	
CURIES		2.735E-02	6.638E-02	2.903E-02	4.447E-02	3.765E-01	3.216E-02	1.332E+00			
UNCERT(CURIES)		1.350E-02	2.160E-02	3.640E-03	4.620E-03	8.300E-03	3.950E-03				
UNCERT(UC/ML)											
% OF TOTAL		0.012	0.173	0.013	0.015	0.116	0.011	0.039			
RB-89	1.056E-02										
CONCEN (UC/ML)		3.860E-10	2.086E-09	5.711E-10	9.887E-10	5.922E-09	1.082E-09	2.320E-09	5.901E-16	9.00E-09	
CURIES		2.001E-02	8.857E-02	3.035E-02	5.069E-02	3.154E-01	5.565E-02	1.494E+00			
UNCERT(CURIES)		6.560E-03	7.280E-03	2.050E-03	1.900E-03	4.400E-03	2.880E-03				
UNCERT(UC/ML)											
% OF TOTAL		0.009	0.230	0.014	0.017	0.098	0.018	0.043			
RE-188	7.075E-01										
CONCEN (UC/ML)		3.048E-13						1.411E-13	3.590E-20	6.00E-09	
CURIES		1.580E-05						9.089E-05			
UNCERT(CURIES)		3.220E-06									
UNCERT(UC/ML)											
% OF TOTAL											
SR-90	1.059E+04										
CONCEN (UC/ML)		4.769E-16	5.718E-14	7.149E-15	3.351E-15	1.250E-14	1.265E-14	1.303E-14	3.316E-21	9.00E-12	
CURIES		2.472E-08	2.428E-06	3.799E-07	1.718E-07	6.657E-07	6.506E-07	8.395E-06			
UNCERT(CURIES)		1.240E-08	1.560E-07	3.230E-08	2.350E-08	3.990E-08	3.900E-08				
UNCERT(UC/ML)											
% OF TOTAL											
TC-99M	2.504E-01										
CONCEN (UC/ML)		4.718E-12	3.773E-12	2.115E-12	2.395E-12	1.085E-11	5.613E-12	5.839E-12	1.485E-18	1.00E-07	
CURIES		2.446E-04	1.602E-04	1.124E-04	1.228E-04	5.778E-04	2.888E-04	3.761E-03			
UNCERT(CURIES)		6.100E-06	1.030E-05	5.700E-06	4.900E-06	1.310E-05	1.150E-05				
UNCERT(UC/ML)											
% OF TOTAL											
XE-133	5.250E+00										
CONCEN (UC/ML)				5.152E-09	8.245E-09	3.620E-07	5.658E-07	1.174E-07	2.986E-14	5.00E-07	
CURIES				2.738E-01	4.227E-01	1.928E+01	2.911E+01	7.559E+01			
UNCERT(CURIES)				1.270E-01	1.500E-01	2.400E-01	2.500E-01				
UNCERT(UC/ML)											
% OF TOTAL				0.127	0.139	5.964	9.513	2.198			
XE-135	3.792E-01										
CONCEN (UC/ML)		7.288E-08	1.805E-08	8.175E-08	8.313E-08	4.380E-07	5.497E-07	2.364E-07	6.014E-14	8.00E-08	
CURIES		3.778E+00	7.665E-01	4.344E+00	4.262E+00	2.333E+01	2.828E+01	1.523E+02			
UNCERT(CURIES)		5.500E-02	2.360E-02	6.100E-02	5.400E-02	1.600E-01	1.100E-01				
UNCERT(UC/ML)											
% OF TOTAL		1.643	1.992	2.015	1.400	7.217	9.242	4.428			

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
XE-135M	1.062E-02										
CONCEN (UC/ML)		3.391E-08	9.027E-09	3.557E-08	3.996E-08	2.060E-07	2.583E-07	1.087E-07	2.766E-14	5.00E-08	
CURIES		1.758E+00	3.833E-01	1.890E+00	2.049E+00	1.097E+01	1.329E+01	7.003E+01			
UNCERT(CURIES)		1.180E-01	4.080E-02	1.140E-01	1.240E-01	2.600E-01	2.300E-01				
UNCERT(UC/ML)											
% OF TOTAL		0.764	0.996	0.877	0.673	3.394	4.343	2.036			
XE-138	9.792E-03										
CONCEN (UC/ML)		1.630E-07	4.449E-08	1.884E-07	1.986E-07	7.294E-07	9.191E-07	5.192E-07	1.321E-13	2.00E-08	
CURIES		8.452E+00	1.889E+00	1.001E+01	1.018E+01	3.885E+01	4.729E+01	3.344E+02			
UNCERT(CURIES)		2.510E-01	1.000E-01	2.300E-01	2.800E-01	4.500E-01	4.200E-01				
UNCERT(UC/ML)											
% OF TOTAL		3.675	4.910	4.643	3.344	12.018	15.454	9.724			
Y-90	2.667E+00										
CONCEN (UC/ML)		4.769E-16	5.718E-14	7.149E-15	3.351E-15	1.250E-14	1.265E-14	1.303E-14	3.316E-21	1.00E-09	
CURIES		2.472E-08	2.428E-06	3.799E-07	1.718E-07	6.657E-07	6.506E-07	8.395E-06			
UNCERT(CURIES)		1.240E-08	1.560E-07	3.230E-08	2.350E-08	3.990E-08	3.900E-08				
UNCERT(UC/ML)											
% OF TOTAL											
Y-91M	3.451E-02										
CONCEN (UC/ML)				2.029E-12		1.058E-11		3.316E-12	8.436E-19	4.00E-08	
CURIES				1.078E-04		5.635E-04		2.136E-03			
UNCERT(CURIES)				5.240E-05		1.350E-04					
UNCERT(UC/ML)											
% OF TOTAL											
ZN-65	2.438E+02										
CONCEN (UC/ML)								1.865E-15	4.744E-22	6.00E-10	
CURIES								1.201E-06			
UNCERT(CURIES)											
UNCERT(UC/ML)											
% OF TOTAL											

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES				1.212E-07		2.546E-07	2.372E-07	6.130E-07		
% OF TOTAL										
B+G CURIES		2.300E+02	3.847E+01	2.156E+02	3.044E+02	3.233E+02	3.060E+02	3.439E+03		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999		
VOLUME (CU. METERS)		5.184E+07	4.246E+07	5.314E+07	5.127E+07	5.326E+07	5.145E+07	6.441E+08		

GRAND TOTALS (CURIES)		2.300E+02	3.847E+01	2.156E+02	3.044E+02	3.233E+02	3.060E+02	3.439E+03		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
AG-110M CURIES % OF TOTAL	2.498E+02				8.602E-03 0.089	5.418E-03 0.043		2.024E-02 0.002
AM-241 CURIES % OF TOTAL GRAMS	1.577E+05			5.700E-03 0.256 1.657E-03		9.000E-04 0.007 2.616E-04		7.300E-03 0.001 2.122E-03
BA-140 CURIES % OF TOTAL	1.276E+01				8.602E-02 0.886	6.585E-02 0.520		1.083E+00 0.117
C-14 CURIES % OF TOTAL	2.092E+06							3.770E-04
CE-139 CURIES % OF TOTAL	1.376E+02							3.000E-04
CE-141 CURIES % OF TOTAL	3.250E+01			1.400E-03 0.063	1.040E-02 0.107	4.770E-02 0.377		1.168E+00 0.127
CE-144 CURIES % OF TOTAL	2.844E+02			9.200E-03 0.413	1.240E-02 0.128	1.413E-01 1.117		6.647E-01 0.072
CO-58 CURIES % OF TOTAL	7.091E+01			1.740E-02 0.781	1.187E-01 1.224	5.409E-01 4.275		1.413E+00 0.153
CO-60 CURIES % OF TOTAL	1.924E+03			3.435E-01 15.424	3.535E+00 36.429	4.887E+00 38.631		1.308E+02 14.173
CR-51 CURIES % OF TOTAL	2.770E+01			9.817E-01 44.080	4.602E+00 47.427	4.797E+00 37.923		5.925E+01 6.419
CS-134 CURIES % OF TOTAL	7.537E+02			1.460E-02 0.656	1.250E-02 0.129	1.257E-02 0.099		1.256E-01 0.014
CS-137 CURIES % OF TOTAL	1.101E+04			3.699E-01 16.609	9.092E-02 0.937	2.546E-01 2.012		8.547E-01 0.093

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
EU-152 CURIES % OF TOTAL	4.891E+03				3.154E-02 0.325	3.134E-02 0.248		8.569E-02 0.009
EU-154 CURIES % OF TOTAL	3.103E+03			8.700E-03 0.391	2.007E-02 0.207	1.450E-02 0.115		5.778E-02 0.006
EU-155 CURIES % OF TOTAL	1.727E+03			3.700E-03 0.166		1.054E-04 0.001		3.805E-03
FE-55 CURIES % OF TOTAL	9.782E+02							2.047E+02 22.176
FE-59 CURIES % OF TOTAL	4.451E+01				7.168E-02 0.739	5.030E-02 0.398		1.738E-01 0.019
H-3 CURIES % OF TOTAL	4.490E+03			6.000E-04 0.027	3.200E-03 0.033	8.800E-03 0.070		2.660E-02 0.003
HF-175 CURIES % OF TOTAL	7.000E+01					5.000E-04 0.004		5.000E-04
HF-181 CURIES % OF TOTAL	4.240E+01			2.300E-03 0.103	3.430E-01 3.535	2.430E-01 1.921		1.656E+00 0.179
I-131 CURIES % OF TOTAL	8.040E+00				2.535E-03 0.026	1.596E-03 0.013		1.157E-02 0.001
I-132 CURIES % OF TOTAL	9.500E-02							9.636E-01 0.104
I-133 CURIES % OF TOTAL	8.667E-01							1.500E-03
IR-192 CURIES % OF TOTAL	7.383E+01				2.535E-03 0.026	2.404E-03 0.019		6.777E-03 0.001

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
LA-140	1.678E+00							
CURIES				2.600E-03	7.436E-03	4.307E-02		1.152E+00
% OF TOTAL				0.117	0.077	0.340		0.125
MN-54	3.122E+02							
CURIES				2.630E-02	1.200E-01	3.084E-01		1.318E+01
% OF TOTAL				1.181	1.237	2.438		1.427
MN-56	1.075E-01							
CURIES								1.306E+00
% OF TOTAL								0.141
MO-99	2.747E+00							
CURIES								3.950E-03
% OF TOTAL								
NA-24	6.237E-01							
CURIES								5.195E-01
% OF TOTAL								0.056
NB-94	7.300E+06							
CURIES								2.540E-08
% OF TOTAL								
NB-95	3.498E+01							
CURIES				5.400E-03	1.271E-01	9.571E-02		1.304E+02
% OF TOTAL				0.242	1.310	0.757		14.122
NI-59	2.774E+07							
CURIES								3.770E-03
% OF TOTAL								
NI-63	3.650E+04							
CURIES								1.004E+01
% OF TOTAL								1.088
PM-147	9.575E+02							
CURIES								2.390E+00
% OF TOTAL								0.259
PR-144	1.200E-02							
CURIES					6.380E-02			6.380E-02
% OF TOTAL					0.657			0.007
RE-188	7.075E-01							
CURIES								9.300E-03
% OF TOTAL								0.001

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
RU-103	3.924E+01							
CURIES					5.716E-03	3.601E-03		8.227E-02
% OF TOTAL					0.059	0.028		0.009
SB-124	6.020E+01							
CURIES					3.370E-03	2.336E-03		8.686E-03
% OF TOTAL					0.035	0.018		0.001
SB-125	1.007E+03							
CURIES					1.565E-02	1.081E-02		2.025E+01
% OF TOTAL					0.161	0.085		2.194
SC-46	8.382E+01							
CURIES					2.612E-01	1.960E-01		6.888E-01
% OF TOTAL					2.692	1.549		0.075
SE-75	1.198E+02							
CURIES					2.800E-03			6.300E-03
% OF TOTAL					0.029			0.001
SN-113	1.151E+02							
CURIES								4.000E+00
% OF TOTAL								0.433
SN-117M	1.360E+01							
CURIES								7.280E+00
% OF TOTAL								0.789
SN-119M	2.930E+02							
CURIES								5.974E+01
% OF TOTAL								6.472
SR-89	5.052E+01							
CURIES								1.675E+00
% OF TOTAL								0.181
SR-90	1.059E+04							
CURIES					3.398E-01	3.950E-02	2.474E-01	7.830E-01
% OF TOTAL					15.258	0.407	1.956	0.085
SR-91	3.958E-01							
CURIES								4.400E-03
% OF TOTAL								
TA-182	1.145E+02							
CURIES					7.825E-03	5.395E-03		1.944E-02
% OF TOTAL					0.081	0.043		0.002

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
TC-99 CURIES % OF TOTAL	7.775E+07							7.290E-07
TE-125M CURIES % OF TOTAL	5.800E+01							4.069E+01 4.408
TE-132 CURIES % OF TOTAL	3.258E+00							3.000E-04
Y-93 CURIES % OF TOTAL	4.250E-01							1.107E-01 0.012
ZN-65 CURIES % OF TOTAL	2.438E+02			9.120E-02 4.095	2.785E-02 0.287	5.444E-01 4.304		1.633E+02 17.687
ZR-95 CURIES % OF TOTAL	6.403E+01			3.100E-03 0.139	7.020E-02 0.723	8.725E-02 0.690		6.234E+01 6.754
TOTALS								
ALPHA CURIES % OF TOTAL				5.700E-03 0.256		9.000E-04 0.007		7.300E-03 0.001
B+G CURIES % OF TOTAL				2.221E+00 99.744	9.704E+00 100.000	1.265E+01 99.993		9.230E+02 99.990
TOTAL GRAMS OF AM				0		0		0
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)				5.945E+00	2.078E+02	1.573E+02		5.440E+02
WEIGHT (KILOGRAMS)				6.350E+03	2.251E+04	3.001E+04		9.674E+04
GRAND TOTALS (CURIES)				2.227E+00	9.704E+00	1.265E+01		9.231E+02

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
AG-110M CURIES % OF TOTAL	2.498E+02							3.985E-03 0.138
BA-140 CURIES % OF TOTAL	1.276E+01							3.985E-02 1.376
CE-141 CURIES % OF TOTAL	3.250E+01							3.985E-03 0.138
CO-58 CURIES % OF TOTAL	7.091E+01		1.870E-06 0.008		5.030E-05 0.114			5.316E-02 1.835
CO-60 CURIES % OF TOTAL	1.924E+03		3.744E-03 15.155		1.121E-02 25.433			1.617E+00 55.802
CR-51 CURIES % OF TOTAL	2.770E+01							5.311E-01 18.333
CS-134 CURIES % OF TOTAL	7.537E+02		9.278E-05 0.376		6.961E-04 1.579			6.124E-03 0.211
CS-137 CURIES % OF TOTAL	1.101E+04		2.014E-02 81.531		3.179E-02 72.100			9.179E-02 3.168
EU-152 CURIES % OF TOTAL	4.891E+03		3.286E-05 0.133		2.233E-04 0.506			1.487E-02 0.513
EU-154 CURIES % OF TOTAL	3.103E+03		6.790E-05 0.275		1.179E-04 0.267			9.482E-03 0.327
FE-59 CURIES % OF TOTAL	4.451E+01							3.321E-02 1.146
HF-181 CURIES % OF TOTAL	4.240E+01							1.736E-01 5.994

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SCHED. NO. P61PM009-H

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

ETR DISPOSED SOLID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES			2.471E-02		4.409E-02			2.897E+00
% OF TOTAL			100.000		100.000			99.997
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)			3.263E+01		9.608E+01			2.205E+02
WEIGHT (KILOGRAMS)			7.711E+03		4.288E+04			5.793E+04

GRAND TOTALS (CURIES)			2.471E-02		4.409E-02			2.897E+00

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

MTR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CO-60	1.924E+03										
CONCEN (UC/ML)							4.108E-15	3.371E-16	3.035E-23	8.00E-11	
CURIES							6.030E-08	6.030E-08			
UNCERT(CURIES)							1.620E-08				
UNCERT(UC/ML)											
% OF TOTAL							1.159	0.320			
CR-51	2.770E+01										
CONCEN (UC/ML)					6.880E-14		1.846E-13	2.080E-14	1.872E-21	5.00E-08	
CURIES					1.010E-06		2.710E-06	3.720E-06			
UNCERT(CURIES)					1.930E-07		2.940E-07				
UNCERT(UC/ML)											
% OF TOTAL					38.706		52.072	19.760			
CS-137	1.101E+04										
CONCEN (UC/ML)			8.965E-15					1.166E-14	1.050E-21	4.00E-10	
CURIES			1.360E-07					2.086E-06			
UNCERT(CURIES)			2.840E-08								
UNCERT(UC/ML)											
% OF TOTAL			17.393					11.080			
GROSS-ALPHA											
CONCEN (UC/ML)			2.577E-16	6.513E-16	6.424E-16			1.254E-15	1.128E-22		
CURIES			3.910E-09	9.880E-09	9.430E-09			2.242E-07			
UNCERT(CURIES)			9.020E-09	9.810E-09	1.030E-08						
UNCERT(UC/ML)											
% OF TOTAL			0.500	2.800	0.361			1.191			
GROSS-BETA											
CONCEN (UC/ML)		8.447E-15	4.232E-14	2.261E-14	1.083E-13	6.262E-14	1.492E-13	6.934E-14	6.241E-21		
CURIES		1.240E-07	6.420E-07	3.430E-07	1.590E-06	9.500E-07	2.190E-06	1.240E-05			
UNCERT(CURIES)		1.910E-08	3.120E-08	2.210E-08	5.590E-08	3.670E-08	8.500E-08				
UNCERT(UC/ML)											
% OF TOTAL		100.000	82.107	97.200	60.933	100.000	42.081	65.876			
SR-90	1.059E+04										
CONCEN (UC/ML)							8.311E-15	9.331E-16	8.399E-23	9.00E-12	
CURIES							1.220E-07	1.669E-07			
UNCERT(CURIES)							1.280E-08				
UNCERT(UC/ML)											
% OF TOTAL							2.344	0.887			
Y-90	2.667E+00										
CONCEN (UC/ML)							8.311E-15	9.331E-16	8.399E-23	1.00E-09	
CURIES							1.220E-07	1.669E-07			
UNCERT(CURIES)							1.280E-08				
UNCERT(UC/ML)											
% OF TOTAL							2.344	0.887			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

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MTR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES			3.910E-09	9.880E-09	9.430E-09			2.242E-07		
% OF TOTAL			0.500	2.800	0.361			1.191		
B+G CURIES		1.240E-07	7.780E-07	3.430E-07	2.600E-06	9.500E-07	5.204E-06	1.860E-05		
% OF TOTAL		100.000	99.500	97.200	99.639	100.000	100.000	98.809		
VOLUME (CU. METERS)		1.468E+07	1.517E+07	1.517E+07	1.468E+07	1.517E+07	1.468E+07	1.789E+08		
GRAND TOTALS (CURIES)		1.240E-07	7.819E-07	3.529E-07	2.609E-06	9.500E-07	5.204E-06	1.883E-05		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA HOT CELL AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			9.590E-16	3.141E-15	2.774E-15	1.105E-14		2.628E-15	1.009E-22	
CURIES			4.000E-09	1.310E-08	1.120E-08	4.610E-08		1.291E-07		
UNCERT(CURIES)			4.030E-09	5.550E-09	5.370E-09	8.250E-09				
UNCERT(UC/ML)										
% OF TOTAL			20.833	23.732	33.038	25.740		19.768		
GROSS-BETA										
CONCEN (UC/ML)		6.366E-15	3.644E-15	1.009E-14	5.623E-15	3.189E-14	6.193E-15	1.067E-14	4.096E-22	
CURIES		2.570E-08	1.520E-08	4.210E-08	2.270E-08	1.330E-07	2.500E-08	5.239E-07		
UNCERT(CURIES)		7.860E-09	6.340E-09	8.360E-09	7.390E-09	1.210E-08	7.360E-09			
UNCERT(UC/ML)										
% OF TOTAL		100.000	79.167	76.268	66.962	74.260	100.000	80.232		
TOTALS										
ALPHA CURIES			4.000E-09	1.310E-08	1.120E-08	4.610E-08		1.291E-07		
% OF TOTAL			20.833	23.732	33.038	25.740		19.768		
B+G CURIES		2.570E-08	1.520E-08	4.210E-08	2.270E-08	1.330E-07	2.500E-08	5.239E-07		
% OF TOTAL		100.000	79.167	76.268	66.962	74.260	100.000	80.232		
VOLUME (CU. METERS)		4.037E+06	4.171E+06	4.171E+06	4.037E+06	4.171E+06	4.037E+06	4.911E+07		
GRAND TOTALS (CURIES)										
		2.570E-08	1.920E-08	5.520E-08	3.390E-08	1.791E-07	2.500E-08	6.530E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 TRA LIQUID WASTE SUMMARY
 FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
AG-110M	2.498E+02									
CONCEN (UC/ML)			3.990E-07					6.491E-08	1.00E-05	0.65
CURIES			2.922E-03					2.922E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)			1.800E-08							
% OF TOTAL			0.012					0.003		
CE-141	3.250E+01									
CONCEN (UC/ML)			5.170E-07	4.130E-07	4.010E-07			2.375E-07	5.00E-05	0.48
CURIES			3.786E-03	3.935E-03	2.970E-03			1.069E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)			1.400E-08	1.000E-08	1.200E-08					
% OF TOTAL			0.016	0.025	0.015			0.010		
CE-144	2.844E+02									
CONCEN (UC/ML)		1.390E-07	2.360E-07		2.090E-07	2.610E-07		1.357E-07	7.00E-06	1.94
CURIES		1.128E-03	1.728E-03		1.548E-03	1.705E-03		6.109E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)		5.900E-08	6.900E-08		1.400E-07	8.300E-08				
% OF TOTAL		0.005	0.007		0.008	0.013		0.006		
CO-60	1.924E+03									
CONCEN (UC/ML)		7.140E-07	9.370E-07	7.770E-07	8.610E-07	1.190E-06	9.050E-07	8.828E-07	5.00E-06	17.66
CURIES		5.796E-03	6.862E-03	7.403E-03	6.377E-03	7.774E-03	5.525E-03	3.974E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)		2.700E-08	2.700E-08	3.100E-08	2.800E-08	3.000E-08	3.700E-08			
% OF TOTAL		0.027	0.029	0.047	0.033	0.058	0.034	0.036		
CR-51	2.770E+01									
CONCEN (UC/ML)		3.110E-05	1.980E-05	1.910E-05	1.710E-05	7.980E-05	1.920E-05	2.987E-05	1.00E-03	2.99
CURIES		2.524E-01	1.450E-01	1.820E-01	1.266E-01	5.213E-01	1.172E-01	1.345E+00		
UNCERT(CURIES)										
UNCERT(UC/ML)		3.000E-07	2.000E-07	2.000E-07	2.000E-07	4.000E-07	2.000E-07			
% OF TOTAL		1.193	0.613	1.154	0.648	3.912	0.715	1.224		
CS-137	1.101E+04									
CONCEN (UC/ML)		1.400E-07						2.525E-08	3.00E-06	0.84
CURIES		1.136E-03						1.136E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)		1.800E-08								
% OF TOTAL		0.005						0.001		
GROSS-BETA										
CONCEN (UC/ML)		5.200E-06	4.700E-06	4.400E-06	6.100E-06	1.600E-05	3.700E-06	6.461E-06		
CURIES		4.221E-02	3.442E-02	4.192E-02	4.518E-02	1.045E-01	2.259E-02	2.908E-01		
UNCERT(CURIES)										
UNCERT(UC/ML)		8.000E-07	8.000E-07	7.000E-07	9.100E-07	3.000E-06	6.000E-07			
% OF TOTAL		0.199	0.146	0.266	0.231	0.784	0.138	0.265		

SCHED. NO. P61PM009-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
H-3	4.490E+03									
CONCEN (UC/ML)		2.570E-03	3.200E-03	1.630E-03	2.610E-03	1.940E-03	2.660E-03	2.401E-03	2.00E-03	120.04
CURIES		2.086E+01	2.343E+01	1.553E+01	1.933E+01	1.267E+01	1.624E+01	1.081E+02		*****
UNCERT(CURIES)										
UNCERT(UC/ML)		6.000E-05	7.000E-04	4.000E-05	6.000E-04	4.000E-05	6.000E-05			
% OF TOTAL		98.555	99.142	98.446	98.841	95.112	99.065	98.375		
HF-181	4.240E+01									
CONCEN (UC/ML)					5.660E-07			9.313E-08	3.00E-05	0.31
CURIES					4.192E-03			4.192E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)					1.500E-08					
% OF TOTAL					0.021			0.004		
I-131	8.040E+00									
CONCEN (UC/ML)			1.520E-07	5.180E-07		1.640E-07		1.582E-07	3.00E-06	5.27
CURIES			1.113E-03	4.936E-03		1.071E-03		7.120E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)			7.000E-09	1.300E-08		7.000E-09				
% OF TOTAL			0.005	0.031		0.008		0.006		
NA-24	6.237E-01									
CONCEN (UC/ML)		1.970E-07			1.300E-06		7.790E-07	3.551E-07	1.00E-04	0.36
CURIES		1.599E-03			9.628E-03		4.756E-03	1.598E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)		2.300E-08			4.000E-08		6.800E-08			
% OF TOTAL		0.008			0.049		0.029	0.015		
NB-95	3.498E+01									
CONCEN (UC/ML)					7.780E-07			1.280E-07	6.00E-05	0.21
CURIES					5.762E-03			5.762E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)					2.500E-08					
% OF TOTAL					0.029			0.005		
NB-97	5.111E-02									
CONCEN (UC/ML)			5.780E-07					9.403E-08	6.00E-04	0.02
CURIES			4.233E-03					4.233E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)			6.800E-08							
% OF TOTAL			0.018					0.004		
RU-103	3.924E+01									
CONCEN (UC/ML)					1.510E-06			2.484E-07	5.00E-05	0.50
CURIES					1.118E-02			1.118E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)					2.000E-08					
% OF TOTAL					0.057			0.010		

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IDAHO OPERATIONS OFFICE
 U.S. DEPARTMENT OF ENERGY
 RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

 TRA LIQUID WASTE SUMMARY
 FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL	CG *	% OF CG
								AVG CONCEN/ TOT CURIES		
SR-89	5.052E+01									
CONCEN (UC/ML)			3.300E-09	1.400E-07		1.700E-06	5.200E-07	3.474E-07	2.00E-05	1.74
CURIES			2.417E-05	1.334E-03		1.111E-02	3.175E-03	1.564E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)			4.000E-10	1.400E-08		2.000E-07	5.000E-08			
% OF TOTAL				0.008		0.083	0.019	0.014		
SR-90	1.059E+04									
CONCEN (UC/ML)			6.000E-09			1.810E-07		2.725E-08	1.00E-06	2.72
CURIES			4.394E-05			1.182E-03		1.226E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)			5.000E-10			1.100E-08				
% OF TOTAL						0.009		0.001		
XE-133	5.250E+00									
CONCEN (UC/ML)			1.450E-07					2.359E-08		
CURIES			1.062E-03					1.062E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)			1.000E-08							
% OF TOTAL			0.004					0.001		
Y-90	2.667E+00									
CONCEN (UC/ML)			6.000E-09			1.810E-07		2.725E-08	1.00E-05	0.27
CURIES			4.394E-05			1.182E-03		1.226E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)			5.000E-10			1.100E-08				
% OF TOTAL						0.009		0.001		
ZN-65	2.438E+02									
CONCEN (UC/ML)		1.890E-07		1.730E-07		2.190E-07		1.025E-07	9.00E-06	1.14
CURIES		1.534E-03		1.648E-03		1.431E-03		4.613E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)		3.900E-08		3.500E-08		5.700E-08				
% OF TOTAL		0.007		0.010		0.011		0.004		
ZR-95	6.403E+01									
CONCEN (UC/ML)			2.120E-07	2.130E-07	1.800E-06			3.757E-07	4.00E-05	0.94
CURIES			1.552E-03	2.029E-03	1.333E-02			1.691E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)			2.000E-08	2.200E-08	4.000E-08					
% OF TOTAL			0.007	0.013	0.068			0.015		

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SCHED. NO. P61PM009-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		2.117E+01	2.364E+01	1.578E+01	1.956E+01	1.333E+01	1.639E+01	1.099E+02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)		8.117E+06	7.323E+06	9.528E+06	7.406E+06	6.533E+06	6.105E+06	4.501E+07		
GRAND TOTALS (CURIES)		2.117E+01	2.364E+01	1.578E+01	1.956E+01	1.333E+01	1.639E+01	1.099E+02		

* NOTE: DCG values obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

*** The CG limit is being approached or has been exceeded during the current month. Please verify the accuracy of the reported data. If the data is in error, please send correct data to Waste Information.

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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TRA SOLID WASTE SUMMARY
WASTE SENT TO MERF FOR COMPACTION
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
AG-110M	2.498E+02							
CURIES						2.346E-05		2.346E-05
% OF TOTAL						0.035		0.035
CE-141	3.250E+01							
CURIES						3.060E-06		3.060E-06
% OF TOTAL						0.005		0.005
CE-144	2.844E+02							
CURIES						4.760E-05		4.760E-05
% OF TOTAL						0.072		0.072
CO-58	7.091E+01							
CURIES						1.666E-04		1.666E-04
% OF TOTAL						0.251		0.251
CO-60	1.924E+03							
CURIES						3.400E-02		3.400E-02
% OF TOTAL						51.147		51.147
CR-51	2.770E+01							
CURIES						1.176E-03		1.176E-03
% OF TOTAL						1.769		1.769
CS-134	7.537E+02							
CURIES						4.658E-04		4.658E-04
% OF TOTAL						0.701		0.701
CS-137	1.101E+04							
CURIES						1.632E-02		1.632E-02
% OF TOTAL						24.551		24.551
EU-152	4.891E+03							
CURIES						1.156E-02		1.156E-02
% OF TOTAL						17.390		17.390
EU-154	3.103E+03							
CURIES						6.120E-04		6.120E-04
% OF TOTAL						0.921		0.921
EU-155	1.727E+03							
CURIES						1.054E-04		1.054E-04
% OF TOTAL						0.159		0.159
FE-59	4.451E+01							
CURIES						4.080E-05		4.080E-05
% OF TOTAL						0.061		0.061
HF-181	6.240E+01							
CURIES						1.156E-03		1.156E-03
% OF TOTAL						1.739		1.739
IR-192	7.383E+01							
CURIES						8.230E-06		8.230E-06
% OF TOTAL						0.012		0.012
LA-140	1.678E+00							
CURIES						1.700E-06		1.700E-06
% OF TOTAL						0.003		0.003
MN-54	3.122E+02							
CURIES						2.312E-04		2.312E-04
% OF TOTAL						0.348		0.348

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SCHED. NO. P61PM009-0

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

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TRA-S

TRA SOLID WASTE SUMMARY
WASTE SENT TO MERF FOR COMPACTION
FROM JAN THROUGH DEC 1992

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL TOTAL
NB-95	3.498E+01							
CURIES						1.122E-04		1.122E-04
% OF TOTAL						0.169		0.169
RU-103	3.924E+01							
CURIES						5.100E-06		5.100E-06
% OF TOTAL						0.008		0.008
SB-124	6.020E+01							
CURIES						1.088E-05		1.088E-05
% OF TOTAL						0.016		0.016
SB-125	1.007E+03							
CURIES						2.346E-05		2.346E-05
% OF TOTAL						0.035		0.035
SC-46	8.382E+01							
CURIES						2.763E-04		2.763E-04
% OF TOTAL						0.416		0.416
ZN-65	2.438E+02							
CURIES						1.292E-04		1.292E-04
% OF TOTAL						0.194		0.194
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES						6.647E-02		6.647E-02
% OF TOTAL						100.000		100.000
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)						1.700E+01		1.700E+01
WEIGHT (KILOGRAMS)						7.030E+03		7.030E+03
GRAND TOTALS (CURIES)						6.647E-02		6.647E-02

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**TRA Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ALPHA LAB AIR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 115
TRA/TRA-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			6.723E-16	1.683E-15		3.812E-16	5.164E-16	5.242E-16	1.194E-22	
CURIES			1.190E-08	2.690E-08		6.530E-09	9.140E-09	5.447E-08		
UNCERT(CURIES)			5.530E-09	7.830E-09		5.720E-09	5.760E-09			
UNCERT(UC/ML)										
% OF TOTAL			7.939	19.507		5.161	8.718	8.278		
GROSS-BETA										
CONCEN (UC/ML)		5.989E-15	7.797E-15	6.946E-15	1.853E-15	7.005E-15	5.407E-15	5.808E-15	1.322E-21	
CURIES		1.060E-07	1.380E-07	1.110E-07	3.280E-08	1.200E-07	9.570E-08	6.035E-07		
UNCERT(CURIES)		1.080E-08	1.200E-08	1.120E-08	9.150E-09	1.070E-08	1.010E-08			
UNCERT(UC/ML)										
% OF TOTAL		100.000	92.061	80.493	100.000	94.839	91.282	91.722		
TOTALS										
ALPHA CURIES			1.190E-08	2.690E-08		6.530E-09	9.140E-09	5.447E-08		
% OF TOTAL			7.939	19.507		5.161	8.718	8.278		
B+G CURIES		1.060E-07	1.380E-07	1.110E-07	3.280E-08	1.200E-07	9.570E-08	6.035E-07		
% OF TOTAL		100.000	92.061	80.493	100.000	94.839	91.282	91.722		
VOLUME (CU. METERS)		1.770E+07	1.770E+07	1.598E+07	1.770E+07	1.713E+07	1.770E+07	1.039E+08		

GRAND TOTALS (CURIES)		1.060E-07	1.499E-07	1.379E-07	3.280E-08	1.265E-07	1.048E-07	6.580E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ATR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 1 RPT. 12G
TRA/ATR-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
AR-41	7.625E-02										
CONCEN (UC/ML)		3.361E-06	5.586E-06	1.800E-06	5.959E-06	2.827E-06	6.093E-06	4.289E-06	1.091E-12	1.00E-08	0.01
CURIES		1.995E+02	3.372E+02	1.008E+02	3.497E+02	1.503E+02	3.235E+02	1.461E+03			
UNCERT(CURIES)		9.000E-01	1.000E+00	5.000E-01	1.000E+00	6.000E-01	1.000E+00				
UNCERT(UC/ML)											
% OF TOTAL		91.874	60.170	35.108	84.672	79.848	91.061	72.285			
BA-139	5.771E-02										
CONCEN (UC/ML)		4.954E-11	4.963E-10	2.379E-10	1.336E-10	6.155E-11	1.157E-10	1.863E-10	4.740E-17	7.00E-08	
CURIES		2.940E-03	2.996E-02	1.332E-02	7.837E-03	3.272E-03	6.141E-03	6.347E-02			
UNCERT(CURIES)		1.370E-04	4.300E-04	2.500E-04	2.860E-04	1.090E-04	1.830E-04				
UNCERT(UC/ML)											
% OF TOTAL		0.001	0.005	0.005	0.002	0.002	0.002	0.003			
BA-140	1.276E+01										
CONCEN (UC/ML)			1.126E-13	1.413E-13			7.913E-14	5.551E-14	1.412E-20	3.00E-09	
CURIES			6.796E-06	7.912E-06			4.201E-06	1.891E-05			
UNCERT(CURIES)			2.920E-06	1.880E-06			1.750E-06				
UNCERT(UC/ML)											
% OF TOTAL											
CO-58	7.091E+01										
CONCEN (UC/ML)				1.896E-14				3.118E-15	7.931E-22	2.00E-09	
CURIES				1.062E-06				1.062E-06			
UNCERT(CURIES)				2.430E-07							
UNCERT(UC/ML)											
% OF TOTAL											
CO-60	1.924E+03										
CONCEN (UC/ML)		8.484E-14	6.868E-14	6.775E-14		4.362E-14	4.150E-14	5.136E-14	1.307E-20	8.00E-11	
CURIES		5.035E-06	4.146E-06	3.794E-06		2.319E-06	2.203E-06	1.750E-05			
UNCERT(CURIES)		4.660E-07	8.610E-07	6.540E-07		4.430E-07	5.580E-07				
UNCERT(UC/ML)											
% OF TOTAL											
CR-51	2.770E+01										
CONCEN (UC/ML)		5.835E-12	8.811E-12	6.434E-12	1.764E-11	9.517E-12	2.637E-11	1.227E-11	3.121E-18	5.00E-08	
CURIES		3.463E-04	5.319E-04	3.603E-04	1.035E-03	5.059E-04	1.400E-03	4.179E-03			
UNCERT(CURIES)		7.300E-06	1.220E-05	9.000E-06	1.800E-05	1.000E-05	1.500E-05				
UNCERT(UC/ML)											
% OF TOTAL											
CS-137	1.101E+04										
CONCEN (UC/ML)		2.148E-14		2.764E-14	3.315E-14			1.400E-14	3.561E-21	4.00E-10	
CURIES		1.275E-06		1.548E-06	1.945E-06			4.768E-06			
UNCERT(CURIES)		2.660E-07		4.830E-07	8.770E-07						
UNCERT(UC/ML)											
% OF TOTAL											

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ATR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

PAGE 2 RPT. 120
TRA/ATR-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
CS-138	2.236E-02										
CONCEN (UC/ML)		7.791E-10	7.018E-09	3.393E-09	2.100E-09	1.081E-09	1.707E-09	2.734E-09	6.954E-16	8.00E-09	
CURIES		4.624E-02	4.237E-01	1.900E-01	1.232E-01	5.748E-02	9.063E-02	9.312E-01			
UNCERT(CURIES)		7.200E-04	3.100E-03	1.500E-03	2.200E-03	1.070E-03	1.120E-03				
UNCERT(UC/ML)											
% OF TOTAL		0.021	0.076	0.066	0.030	0.031	0.026	0.046			
GROSS-BETA											
CONCEN (UC/ML)		8.568E-13	1.814E-12	2.066E-12	1.477E-12	8.960E-13	1.916E-12	1.503E-12	3.824E-19		
CURIES		5.085E-05	1.095E-04	1.157E-04	8.666E-05	4.763E-05	1.017E-04	5.120E-04			
UNCERT(CURIES)		9.530E-06	1.610E-05	1.930E-05	1.550E-05	8.950E-06	1.740E-05				
UNCERT(UC/ML)											
% OF TOTAL											
HG-203	4.659E+01										
CONCEN (UC/ML)		2.044E-13	2.165E-13	7.955E-14	9.465E-14	2.148E-13	1.765E-13	1.644E-13	4.182E-20	2.00E-09	
CURIES		1.213E-05	1.307E-05	4.455E-06	5.554E-06	1.142E-05	9.371E-06	5.600E-05			
UNCERT(CURIES)		1.810E-06	1.330E-06	7.430E-07	1.540E-06	1.080E-06	8.780E-07				
UNCERT(UC/ML)											
% OF TOTAL											
I-131	8.040E+00										
CONCEN (UC/ML)		8.896E-14	2.524E-12	1.192E-12	5.654E-13	2.289E-13	2.089E-13	8.245E-13	2.097E-19	4.00E-10	
CURIES		5.280E-06	1.524E-04	6.675E-05	3.318E-05	1.217E-05	1.109E-05	2.809E-04			
UNCERT(CURIES)		1.600E-06	6.300E-06	4.430E-06	3.000E-06	1.880E-06	2.410E-06				
UNCERT(UC/ML)											
% OF TOTAL											
I-132	9.500E-02										
CONCEN (UC/ML)			2.180E-11		2.103E-11			7.486E-12	1.904E-18	8.00E-09	
CURIES			1.316E-03		1.234E-03			2.550E-03			
UNCERT(CURIES)			2.490E-04		2.440E-04						
UNCERT(UC/ML)											
% OF TOTAL											
I-133	8.667E-01										
CONCEN (UC/ML)		1.707E-12	7.562E-12		2.205E-12		8.762E-13	2.154E-12	5.479E-19	2.00E-09	
CURIES		1.013E-04	4.565E-04		1.294E-04		4.652E-05	7.337E-04			
UNCERT(CURIES)		2.150E-05	3.870E-05		2.350E-05		1.160E-05				
UNCERT(UC/ML)											
% OF TOTAL											
I-135	2.744E-01										
CONCEN (UC/ML)		6.679E-12	1.424E-11					3.688E-12	9.382E-19	1.00E-08	
CURIES		3.964E-04	8.599E-04					1.256E-03			
UNCERT(CURIES)		1.760E-04	3.130E-04								
UNCERT(UC/ML)											
% OF TOTAL											

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ATR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TRA/ATR-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
KR-85M	1.867E-01										
CONCEN (UC/ML)		1.411E-08	1.713E-07	1.585E-07	4.898E-08	3.348E-08	2.692E-08	7.673E-08	1.952E-14	1.00E-07	
CURIES		8.376E-01	1.034E+01	8.876E+00	2.874E+00	1.780E+00	1.429E+00	2.614E+01			
UNCERT(CURIES)		4.880E-02	1.000E-01	8.700E-02	6.500E-02	6.800E-02	4.900E-02				
UNCERT(UC/ML)											
% OF TOTAL		0.386	1.845	3.091	0.696	0.946	0.402	1.293			
KR-87	5.278E-02										
CONCEN (UC/ML)		4.108E-08	5.057E-07	4.852E-07	1.520E-07	1.034E-07	8.501E-08	2.321E-07	5.905E-14	2.00E-08	
CURIES		2.438E+00	3.053E+01	2.717E+01	8.918E+00	5.499E+00	4.513E+00	7.907E+01			
UNCERT(CURIES)		1.360E-01	2.600E-01	2.900E-01	1.830E-01	1.390E-01	1.430E-01				
UNCERT(UC/ML)											
% OF TOTAL		1.123	5.448	9.463	2.159	2.921	1.270	3.912			
KR-88	1.183E-01										
CONCEN (UC/ML)		2.996E-08	5.165E-07	5.093E-07	1.600E-07	1.116E-07	7.617E-08	2.373E-07	6.037E-14	9.00E-09	
CURIES		1.778E+00	3.118E+01	2.852E+01	9.390E+00	5.932E+00	4.044E+00	8.084E+01			
UNCERT(CURIES)		2.160E-01	3.200E-01	2.000E-01	2.690E+00	2.980E-01	2.490E-01				
UNCERT(UC/ML)											
% OF TOTAL		0.819	5.564	9.933	2.274	3.151	1.138	4.000			
LA-140	1.678E+00										
CONCEN (UC/ML)			2.003E-13	2.070E-13			1.133E-13	8.717E-14	2.218E-20	3.00E-09	
CURIES			1.209E-05	1.159E-05			6.016E-06	2.970E-05			
UNCERT(CURIES)			3.020E-06	2.110E-06			2.090E-06				
UNCERT(UC/ML)											
% OF TOTAL											
NA-24	6.237E-01										
CONCEN (UC/ML)		3.270E-12	9.308E-12	3.237E-12	1.096E-11	4.357E-12	9.983E-11	2.088E-11	5.311E-18	4.00E-09	
CURIES		1.941E-04	5.619E-04	1.813E-04	6.429E-04	2.316E-04	5.300E-03	7.112E-03			
UNCERT(CURIES)		9.100E-06	1.420E-05	6.600E-06	2.310E-05	8.800E-06	5.500E-05				
UNCERT(UC/ML)											
% OF TOTAL							0.001				
OS-191	1.540E+01										
CONCEN (UC/ML)		1.342E-12	1.394E-12			4.375E-13	4.839E-13	6.245E-13	1.589E-19	3.00E-09	
CURIES		7.964E-05	8.415E-05			2.326E-05	2.569E-05	2.127E-04			
UNCERT(CURIES)		5.380E-06	6.400E-06			4.040E-06	3.080E-06				
UNCERT(UC/ML)											
% OF TOTAL											
RB-88	1.229E-02										
CONCEN (UC/ML)		6.893E-10	6.028E-09	2.534E-09	1.480E-09	9.242E-10	1.383E-09	2.220E-09	5.647E-16	3.00E-08	
CURIES		4.091E-02	3.639E-01	1.419E-01	8.684E-02	4.916E-02	7.344E-02	7.562E-01			
UNCERT(CURIES)		2.980E-03	9.500E-03	4.200E-03	1.360E-02	3.100E-03	4.970E-03				
UNCERT(UC/ML)											
% OF TOTAL		0.019	0.065	0.049	0.021	0.026	0.021	0.037			

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

ATR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TRA/ATR-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
RB-89	1.056E-02										
CONCEN (UC/ML)		7.966E-10	7.287E-09	2.802E-09	2.427E-09	9.569E-10	1.807E-09	2.740E-09	6.970E-16	9.00E-09	
CURIES		4.728E-02	4.399E-01	1.569E-01	1.424E-01	5.087E-02	9.594E-02	9.333E-01			
UNCERT(CURIES)		1.790E-03	6.100E-03	2.200E-03	8.600E-03	1.540E-03	2.950E-03				
UNCERT(UC/ML)											
% OF TOTAL		0.022	0.078	0.055	0.034	0.027	0.027	0.046			
RE-188	7.075E-01										
CONCEN (UC/ML)				1.441E-13			1.262E-12	2.204E-13	5.608E-20	6.00E-09	
CURIES				8.070E-06			6.702E-05	7.509E-05			
UNCERT(CURIES)				1.400E-06			7.540E-06				
UNCERT(UC/ML)											
% OF TOTAL											
SR-90	1.059E+04										
CONCEN (UC/ML)		3.319E-14	3.681E-15	9.752E-15	8.914E-15	1.288E-14	2.409E-15	1.196E-14	3.042E-21	9.00E-12	
CURIES		1.970E-06	2.222E-07	5.461E-07	5.231E-07	6.846E-07	1.279E-07	4.074E-06			
UNCERT(CURIES)		1.270E-07	1.930E-08	1.290E-07	3.400E-08	5.960E-08	1.460E-08				
UNCERT(UC/ML)											
% OF TOTAL											
TC-99M	2.504E-01										
CONCEN (UC/ML)		1.786E-12	1.105E-11	3.596E-12	7.413E-12	2.325E-12	1.358E-11	6.617E-12	1.683E-18	1.00E-07	
CURIES		1.060E-04	6.670E-04	2.014E-04	4.350E-04	1.236E-04	7.210E-04	2.254E-03			
UNCERT(CURIES)		4.800E-06	1.180E-05	6.100E-06	1.300E-05	5.400E-06	9.700E-06				
UNCERT(UC/ML)											
% OF TOTAL											
XE-133	5.250E+00										
CONCEN (UC/ML)		1.599E-08	2.473E-07	1.351E-07	2.923E-08	1.700E-08	8.303E-09	7.780E-08	1.979E-14	5.00E-07	
CURIES		9.492E-01	1.493E+01	7.565E+00	1.715E+00	9.039E-01	4.408E-01	2.650E+01			
UNCERT(CURIES)		1.290E-01	3.100E-01	2.210E-01	1.900E-01	2.170E-01	1.840E-01				
UNCERT(UC/ML)											
% OF TOTAL		0.437	2.664	2.635	0.415	0.480	0.124	1.311			
XE-135	3.792E-01										
CONCEN (UC/ML)		4.925E-08	5.851E-07	5.084E-07	1.632E-07	1.138E-07	9.740E-08	2.569E-07	6.535E-14	8.00E-08	
CURIES		2.923E+00	3.532E+01	2.847E+01	9.579E+00	6.050E+00	5.171E+00	8.751E+01			
UNCERT(CURIES)		7.500E-02	1.600E-01	1.500E-01	9.800E-02	6.900E-02	6.600E-02				
UNCERT(UC/ML)											
% OF TOTAL		1.346	6.303	9.916	2.319	3.214	1.456	4.330			
XE-135M	1.062E-02										
CONCEN (UC/ML)		3.287E-08	2.644E-07	2.230E-07	8.059E-08	4.787E-08	3.795E-08	1.165E-07	2.964E-14	5.00E-08	
CURIES		1.951E+00	1.596E+01	1.249E+01	4.729E+00	2.545E+00	2.015E+00	3.969E+01			
UNCERT(CURIES)		1.770E-01	2.800E-01	2.000E-01	2.010E-01	1.510E-01	1.900E-01				
UNCERT(UC/ML)											
% OF TOTAL		0.898	2.848	4.350	1.145	1.352	0.567	1.964			

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ATR AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
XE-138	9.792E-03										
CONCEN (UC/ML)		1.117E-07	1.386E-06	1.299E-06	4.387E-07	2.833E-07	2.613E-07	6.391E-07	1.626E-13	2.00E-08	
CURIES		6.631E+00	8.369E+01	7.272E+01	2.574E+01	1.506E+01	1.387E+01	2.177E+02			
UNCERT(CURIES)		3.470E-01	5.900E-01	4.200E-01	4.000E-01	3.500E-01	4.300E-01				
UNCERT(UC/ML)											
% OF TOTAL		3.054	14.934	25.328	6.232	8.001	3.904	10.772			
Y-90	2.667E+00										
CONCEN (UC/ML)		3.319E-14	3.681E-15	9.752E-15	8.914E-15	1.288E-14	2.409E-15	1.196E-14	3.042E-21	1.00E-09	
CURIES		1.970E-06	2.222E-07	5.461E-07	5.231E-07	6.846E-07	1.279E-07	4.074E-06			
UNCERT(CURIES)		1.270E-07	1.930E-08	1.290E-07	3.400E-08	5.960E-08	1.460E-08				
UNCERT(UC/ML)											
% OF TOTAL											
Y-91M	3.451E-02										
CONCEN (UC/ML)			1.171E-11	6.582E-12			7.331E-12	4.299E-12	1.094E-18	4.00E-08	
CURIES			7.068E-04	3.686E-04			3.892E-04	1.465E-03			
UNCERT(CURIES)			1.340E-04	7.130E-05			8.650E-05				
UNCERT(UC/ML)											
% OF TOTAL											
ZN-65	2.438E+02										
CONCEN (UC/ML)		2.024E-14						3.526E-15	8.969E-22	6.00E-10	
CURIES		1.201E-06						1.201E-06			
UNCERT(CURIES)		2.940E-07									
UNCERT(UC/ML)											
% OF TOTAL											
TOTALS											
ALPHA CURIES											
% OF TOTAL											
B+G CURIES		2.171E+02	5.604E+02	2.871E+02	4.130E+02	1.882E+02	3.553E+02	2.021E+03			
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	99.999			
VOLUME (CU. METERS)		5.935E+07	6.037E+07	5.600E+07	5.868E+07	5.316E+07	5.309E+07	3.407E+08			
GRAND TOTALS (CURIES)		2.171E+02	5.604E+02	2.871E+02	4.130E+02	1.882E+02	3.553E+02	2.021E+03			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
AG-110M CURIES % OF TOTAL	2.498E+02	6.221E-03 0.002						6.221E-03 0.001
AM-241 CURIES % OF TOTAL GRAMS	1.577E+05						7.000E-04 0.077 2.035E-04	7.000E-04 2.035E-04
BA-140 CURIES % OF TOTAL	1.276E+01	6.221E-02 0.020			8.692E-01 5.747			9.314E-01 0.104
C-14 CURIES % OF TOTAL	2.092E+06		3.770E-04					3.770E-04
CE-139 CURIES % OF TOTAL	1.376E+02		3.000E-04					3.000E-04
CE-141 CURIES % OF TOTAL	3.250E+01	6.221E-03 0.002			1.094E+00 7.233		8.300E-03 0.907	1.109E+00 0.123
CE-144 CURIES % OF TOTAL	2.844E+02			5.400E-03 0.015	4.872E-01 3.221		9.200E-03 1.006	5.018E-01 0.056
CO-58 CURIES % OF TOTAL	7.091E+01	8.291E-02 0.026	1.000E-04	3.800E-03 0.011	6.419E-01 4.244		7.200E-03 0.787	7.359E-01 0.082
CO-60 CURIES % OF TOTAL	1.924E+03	1.067E+02 34.035	1.258E+01 2.360	7.380E-02 0.206	2.528E+00 16.715		1.834E-01 20.048	1.221E+02 13.585
CR-51 CURIES % OF TOTAL	2.770E+01	8.292E-01 0.265	7.081E+00 1.328	3.574E+01 99.660	4.673E+00 30.897		5.464E-01 59.729	4.887E+01 5.439
CS-134 CURIES % OF TOTAL	7.537E+02	8.315E-03 0.003			2.880E-02 0.190		4.880E-02 5.335	8.591E-02 0.010
CS-137 CURIES % OF TOTAL	1.101E+04	6.221E-02 0.020			7.710E-02 0.510			1.393E-01 0.016

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
EU-152 CURIES % OF TOTAL	4.891E+03	2.281E-02 0.007						2.281E-02 0.003
EU-154 CURIES % OF TOTAL	3.103E+03	1.451E-02 0.005						1.451E-02 0.002
FE-55 CURIES % OF TOTAL	9.782E+02	1.398E+02 44.595	6.490E+01 12.174					2.047E+02 22.783
FE-59 CURIES % OF TOTAL	4.451E+01	5.184E-02 0.017						5.184E-02 0.006
H-3 CURIES % OF TOTAL	4.490E+03		6.010E-10	9.100E-03 0.025	4.200E-03 0.028		7.000E-04 0.077	1.400E-02 0.002
HF-181 CURIES % OF TOTAL	4.240E+01	2.151E-01 0.069	6.000E-04	4.300E-03 0.012	8.441E-01 5.581		3.700E-03 0.404	1.068E+00 0.119
I-131 CURIES % OF TOTAL	8.040E+00	1.839E-03 0.001		5.600E-03 0.016				7.439E-03 0.001
I-132 CURIES % OF TOTAL	9.500E-02		9.636E-01 0.181					9.636E-01 0.107
I-133 CURIES % OF TOTAL	8.667E-01		1.500E-03					1.500E-03
IR-192 CURIES % OF TOTAL	7.383E+01	1.839E-03 0.001						1.839E-03
LA-140 CURIES % OF TOTAL	1.678E+00	5.378E-03 0.002			1.092E+00 7.220		1.800E-03 0.197	1.099E+00 0.122
MN-54 CURIES % OF TOTAL	3.122E+02	3.523E+00 1.124	8.980E+00 1.685	5.200E-03 0.014	2.062E-01 1.363		7.400E-03 0.809	1.272E+01 1.416

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
MN-56	1.075E-01							
CURIES			1.306E+00					1.306E+00
% OF TOTAL			0.245					0.145
MO-99	2.747E+00							
CURIES			3.950E-03					3.950E-03
% OF TOTAL			0.001					
NA-24	6.237E-01							
CURIES			5.195E-01					5.195E-01
% OF TOTAL			0.097					0.058
NB-94	7.300E+06							
CURIES			2.540E-08					2.540E-08
% OF TOTAL								
NB-95	3.498E+01							
CURIES		8.291E-02	1.300E+02	2.500E-03	1.995E-02		1.700E-02	1.301E+02
% OF TOTAL		0.026	24.386	0.007	0.132		1.858	14.483
NI-59	2.774E+07							
CURIES			3.770E-03					3.770E-03
% OF TOTAL			0.001					
NI-63	3.650E+04							
CURIES		9.340E+00	7.000E-01					1.004E+01
% OF TOTAL		2.979	0.131					1.117
PM-147	9.575E+02							
CURIES		2.390E+00						2.390E+00
% OF TOTAL		0.762						0.266
RE-188	7.075E-01							
CURIES			9.300E-03					9.300E-03
% OF TOTAL			0.002					0.001
RU-103	3.924E+01							
CURIES		4.147E-03		5.000E-04	6.250E-02		5.800E-03	7.295E-02
% OF TOTAL		0.001		0.001	0.413		0.634	0.008
SB-124	6.020E+01							
CURIES		2.681E-03	3.000E-04					2.981E-03
% OF TOTAL		0.001						
SB-125	1.007E+03							
CURIES		2.382E+00	1.784E+01					2.022E+01
% OF TOTAL		0.760	3.347					2.251

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NUCLIDES	HALF LIFE (DAYS)	PER CENT THROUGH SEP 1992						ANNUAL TOTAL
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	
SC-46 CURIES % OF TOTAL	8.382E+01	2.074E-01 0.066			2.420E-02 0.160			2.316E-01 0.026
SE-75 CURIES % OF TOTAL	1.198E+02		1.700E-03	1.800E-03 0.005				3.500E-03
SN-113 CURIES % OF TOTAL	1.151E+02		4.000E+00 0.750					4.000E+00 0.445
SN-117M CURIES % OF TOTAL	1.360E+01	7.280E+00 2.322						7.280E+00 0.810
SN-119M CURIES % OF TOTAL	2.930E+02		5.974E+01 11.206					5.974E+01 6.649
SR-89 CURIES % OF TOTAL	5.052E+01				1.675E+00 11.075			1.675E+00 0.186
SR-90 CURIES % OF TOTAL	1.059E+04		1.070E-02 0.002	2.500E-03 0.007	1.178E-01 0.779		2.530E-02 2.766	1.563E-01 0.017
SR-91 CURIES % OF TOTAL	3.958E-01		4.400E-03 0.001					4.400E-03
TA-182 CURIES % OF TOTAL	1.145E+02	6.221E-03 0.002						6.221E-03 0.001
TC-99 CURIES % OF TOTAL	7.775E+07		7.290E-07					7.290E-07
TE-125M CURIES % OF TOTAL	5.800E+01		4.069E+01 7.633					4.069E+01 4.529
TE-132 CURIES % OF TOTAL	3.258E+00		3.000E-04					3.000E-04

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
Y-93	4.250E+01							
CURIES					1.107E-01			1.107E-01
% OF TOTAL					0.732			0.012
ZN-65	2.438E+02							
CURIES		4.035E+01	1.218E+02	7.300E-03	4.503E-01		3.810E-02	1.626E+02
% OF TOTAL		12.872	22.839	0.020	2.977		4.165	18.097
ZR-95	6.403E+01							
CURIES		5.184E-02	6.200E+01	4.000E-04	1.183E-01		1.100E-02	6.218E+01
% OF TOTAL		0.017	11.630	0.001	0.782		1.202	6.921
TOTALS								
ALPHA CURIES							7.000E-04	7.000E-04
% OF TOTAL							0.077	
B+G CURIES		3.135E+02	5.331E+02	3.586E+01	1.512E+01		9.141E-01	8.985E+02
% OF TOTAL		100.000	100.000	100.000	100.000		99.923	99.998
TOTAL GRAMS OF AM							0	0
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		1.476E+02	7.473E+00	5.945E+00	5.945E+00		5.945E+00	1.729E+02
WEIGHT (KILOGRAMS)		1.193E+04	6.885E+03	6.350E+03	6.350E+03		6.350E+03	3.787E+04
GRAND TOTALS (CURIES)		3.135E+02	5.331E+02	3.586E+01	1.512E+01		9.148E-01	8.985E+02

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
AG-110M	2.498E+02							
CURIES		1.555E-03	2.430E-03					3.985E-03
% OF TOTAL		0.145	0.139					0.141
BA-140	1.276E+01							
CURIES		1.555E-02	2.430E-02					3.985E-02
% OF TOTAL		1.448	1.385					1.409
CE-141	3.250E+01							
CURIES		1.555E-03	2.430E-03					3.985E-03
% OF TOTAL		0.145	0.139					0.141
CO-58	7.091E+01							
CURIES		2.073E-02	3.238E-02					5.311E-02
% OF TOTAL		1.931	1.846					1.878
CO-60	1.924E+03							
CURIES		6.246E-01	9.770E-01					1.602E+00
% OF TOTAL		58.167	55.691					56.631
CR-51	2.770E+01							
CURIES		2.073E-01	3.238E-01					5.311E-01
% OF TOTAL		19.305	18.457					18.779
CS-134	7.537E+02							
CURIES		2.081E-03	3.254E-03					5.335E-03
% OF TOTAL		0.194	0.185					0.189
CS-137	1.101E+04							
CURIES		1.555E-02	2.430E-02					3.985E-02
% OF TOTAL		1.448	1.385					1.409
EU-152	4.891E+03							
CURIES		5.702E-03	8.909E-03					1.461E-02
% OF TOTAL		0.531	0.508					0.517
EU-154	3.103E+03							
CURIES		3.628E-03	5.668E-03					9.296E-03
% OF TOTAL		0.338	0.323					0.329
FE-59	4.451E+01							
CURIES		1.296E-02	2.025E-02					3.321E-02
% OF TOTAL		1.207	1.154					1.174
HF-181	4.240E+01							
CURIES		4.406E-02	1.296E-01					1.736E-01
% OF TOTAL		4.103	7.387					6.140

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
I-131	8.040E+00							
CURIES		4.617E-04	7.128E-04					1.175E-03
% OF TOTAL		0.043	0.041					0.042
IR-192	7.383E+01							
CURIES		4.617E-04	7.128E-04					1.175E-03
% OF TOTAL		0.043	0.041					0.042
LA-140	1.678E+00							
CURIES		1.345E-03	2.098E-03					3.443E-03
% OF TOTAL		0.125	0.120					0.122
MN-54	3.122E+02							
CURIES		2.073E-02	3.238E-02					5.311E-02
% OF TOTAL		1.931	1.846					1.878
NB-95	3.498E+01							
CURIES		2.073E-02	3.238E-02					5.311E-02
% OF TOTAL		1.931	1.846					1.878
RU-103	3.924E+01							
CURIES		1.037E-03	1.620E-03					2.657E-03
% OF TOTAL		0.097	0.092					0.094
SB-124	6.020E+01							
CURIES		6.723E-04	1.045E-03					1.717E-03
% OF TOTAL		0.063	0.060					0.061
SB-125	1.007E+03							
CURIES		3.110E-03	1.973E-02					2.284E-02
% OF TOTAL		0.290	1.124					0.807
SC-46	8.382E+01							
CURIES		5.184E-02	8.100E-02					1.328E-01
% OF TOTAL		4.828	4.617					4.697
TA-182	1.145E+02							
CURIES		1.555E-03	2.430E-03					3.985E-03
% OF TOTAL		0.145	0.139					0.141
ZN-65	2.438E+02							
CURIES		3.628E-03	5.668E-03					9.296E-03
% OF TOTAL		0.338	0.323					0.329
ZR-95	6.403E+01							
CURIES		1.296E-02	2.025E-02					3.321E-02
% OF TOTAL		1.207	1.154					1.174

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL TOTAL
TOTALS								
ALPHA CURIES								
% OF TOTAL								
B+G CURIES		1.074E+00	1.754E+00					2.828E+00
% OF TOTAL		100.000	100.000					99.998
TOTAL GRAMS OF AM								
TOTAL GRAMS OF PU								
TOTAL GRAMS OF PU-239+241								
TOTAL GRAMS OF U								
TOTAL GRAMS OF TH								
TOTAL GRAMS OF NP								
VOLUME (CU. METERS)		3.670E+01	5.505E+01					9.175E+01
WEIGHT (KILOGRAMS)		2.938E+03	4.407E+03					7.345E+03

GRAND TOTALS (CURIES)		1.074E+00	1.754E+00					2.828E+00

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MTR AIRBORNE WASTE SUMMARY
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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
CS-137	1.101E+04									
CONCEN (UC/ML)		1.894E-14	7.713E-14	3.562E-14				2.183E-14	1.965E-21	4.00E-10
CURIES		2.920E-07	1.170E-06	4.880E-07				1.950E-06		
UNCERT(CURIES)		4.190E-08	7.760E-08	5.070E-08						
UNCERT(UC/ML)										
% OF TOTAL		21.848	36.293	22.365				22.150		
GROSS-ALPHA										
CONCEN (UC/ML)		2.918E-16	7.515E-15	3.942E-15		9.741E-16	9.361E-16	2.251E-15	2.026E-22	
CURIES		4.500E-09	1.140E-07	5.400E-08		1.430E-08	1.420E-08	2.010E-07		
UNCERT(CURIES)		1.020E-08	1.300E-08	1.340E-08		9.850E-09	9.490E-09			
UNCERT(UC/ML)										
% OF TOTAL		0.337	3.536	2.475		1.122	2.648	2.283		
GROSS-BETA										
CONCEN (UC/ML)		6.744E-14	1.220E-13	1.197E-13	1.655E-14	8.583E-14	3.441E-14	7.349E-14	6.614E-21	
CURIES		1.040E-06	1.850E-06	1.640E-06	2.510E-07	1.260E-06	3.220E-07	6.563E-06		
UNCERT(CURIES)		4.230E-08	8.070E-08	5.570E-08	2.210E-08	5.530E-08	2.600E-08			
UNCERT(UC/ML)										
% OF TOTAL		77.815	57.386	75.160	100.000	98.878	97.352	74.547		
SR-90	1.059E+04									
CONCEN (UC/ML)			2.960E-15					5.027E-16	4.525E-23	9.00E-12
CURIES			4.490E-08					4.490E-08		
UNCERT(CURIES)			1.930E-08							
UNCERT(UC/ML)										
% OF TOTAL			1.393					0.510		
Y-90	2.667E+00									
CONCEN (UC/ML)			2.960E-15					5.027E-16	4.525E-23	1.00E-09
CURIES			4.490E-08					4.490E-08		
UNCERT(CURIES)			1.930E-08							
UNCERT(UC/ML)										
% OF TOTAL			1.393					0.510		

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

MTR AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
TOTALS										
ALPHA CURIES		4.500E-09	1.140E-07	5.400E-08		1.430E-08	1.420E-08	2.010E-07		
% OF TOTAL		0.337	3.536	2.475		1.122	2.648	2.283		
B+G CURIES		1.332E-06	3.110E-06	2.128E-06	2.510E-07	1.260E-06	5.220E-07	8.603E-06		
% OF TOTAL		99.663	96.464	97.525	100.000	98.878	97.352	97.717		
VOLUME (CU. METERS)		1.542E+07	1.517E+07	1.370E+07	1.517E+07	1.468E+07	1.517E+07	8.931E+07		
GRAND TOTALS (CURIES)		1.336E-06	3.224E-06	2.182E-06	2.510E-07	1.274E-06	5.362E-07	8.804E-06		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

TRA HOT CELL AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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TRA/TRA-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE* CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA										
CONCEN (UC/ML)			5.778E-15	1.603E-15	3.428E-16	4.285E-15	1.393E-15	2.233E-15	6.575E-23	
CURIES			2.410E-08	6.040E-09	1.430E-09	1.730E-08	5.810E-09	5.468E-08		
UNCERT(CURIES)			5.940E-09	6.090E-09	5.920E-09	5.520E-09	4.820E-09			
UNCERT(UC/ML)										
% OF TOTAL			29.071	12.521	4.227	37.045	22.775	17.365		
GROSS-BETA										
CONCEN (UC/ML)		1.863E-14	1.410E-14	1.120E-14	7.768E-15	7.283E-15	4.723E-15	1.063E-14	4.080E-22	
CURIES		7.770E-08	5.880E-08	4.220E-08	3.240E-08	2.940E-08	1.970E-08	2.602E-07		
UNCERT(CURIES)		8.850E-09	9.600E-09	8.530E-09	8.810E-09	7.500E-09	7.340E-09			
UNCERT(UC/ML)										
% OF TOTAL		100.000	70.929	87.479	95.773	62.955	77.225	82.635		
TOTALS										
ALPHA CURIES			2.410E-08	6.040E-09	1.430E-09	1.730E-08	5.810E-09	5.468E-08		
% OF TOTAL			29.071	12.521	4.227	37.045	22.775	17.365		
B+G CURIES		7.770E-08	5.880E-08	4.220E-08	3.240E-08	2.940E-08	1.970E-08	2.602E-07		
% OF TOTAL		100.000	70.929	87.479	95.773	62.955	77.225	82.635		
VOLUME (CU. METERS)		4.171E+06	4.171E+06	3.768E+06	4.171E+06	4.037E+06	4.171E+06	2.449E+07		
GRAND TOTALS (CURIES)		7.770E-08	8.290E-08	4.824E-08	3.383E-08	4.670E-08	2.551E-08	3.149E-07		

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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SCHED. NO. P61PM009-F

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
AG-110M CONCEN (UC/ML) CURIES UNCERT(CURIES) UNCERT(UC/ML) % OF TOTAL	2.498E+02							3.328E-08 2.922E-03 0.002	1.00E-05	0.33
CE-141 CONCEN (UC/ML) CURIES UNCERT(CURIES) UNCERT(UC/ML) % OF TOTAL	3.250E+01						6.410E-07 4.272E-03 1.600E-08 0.040	1.704E-07 1.496E-02 0.008	5.00E-05	0.34
CE-144 CONCEN (UC/ML) CURIES UNCERT(CURIES) UNCERT(UC/ML) % OF TOTAL	2.844E+02	1.710E-07 1.213E-03 7.000E-08 0.007	4.090E-07 3.538E-03 8.800E-08 0.072	2.350E-07 1.664E-03 9.500E-08 0.014				1.427E-07 1.252E-02 0.007	7.00E-06	2.04
CO-58 CONCEN (UC/ML) CURIES UNCERT(CURIES) UNCERT(UC/ML) % OF TOTAL	7.091E+01	1.500E-07 1.064E-03 1.900E-08 0.006	8.910E-07 7.707E-03 3.600E-08 0.157	2.590E-07 1.834E-03 2.600E-08 0.015				1.208E-07 1.061E-02 0.006	4.00E-05	0.30
CO-60 CONCEN (UC/ML) CURIES UNCERT(CURIES) UNCERT(UC/ML) % OF TOTAL	1.924E+03	3.010E-06 2.135E-02 6.000E-08 0.119	1.730E-05 1.496E-01 1.000E-07 3.050	7.950E-06 5.630E-02 8.000E-08 0.466	7.550E-07 4.630E-03 2.900E-08 0.022		5.820E-07 3.878E-03 2.700E-08 0.036	3.138E-06 2.755E-01 0.150	5.00E-06	62.77
CR-51 CONCEN (UC/ML) CURIES UNCERT(CURIES) UNCERT(UC/ML) % OF TOTAL	2.770E+01	1.720E-05 1.220E-01 3.000E-07 0.678	3.240E-05 2.803E-01 3.000E-07 5.712	3.730E-05 2.642E-01 3.000E-07 2.186	1.010E-04 6.193E-01 1.000E-06 2.985	5.940E-05 4.255E-01 4.000E-07 5.726	2.720E-05 1.813E-01 2.000E-07 1.701	3.687E-05 3.237E+00 1.762	1.00E-03	3.69
CS-137 CONCEN (UC/ML) CURIES UNCERT(CURIES) UNCERT(UC/ML) % OF TOTAL	1.101E+04	3.820E-07 2.710E-03 2.700E-08 0.015	3.650E-07 3.157E-03 2.600E-08 0.064	4.880E-06 3.456E-02 7.000E-08 0.286	1.690E-07 1.036E-03 1.800E-08 0.005	4.740E-07 3.396E-03 3.000E-08 0.046	1.980E-07 1.319E-03 2.100E-08 0.012	5.389E-07 4.731E-02 0.026	3.00E-06	17.96

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
GROSS-BETA										
CONCEN (UC/ML)		5.700E-06	2.000E-05	2.500E-05	1.100E-05	1.240E-05	6.800E-06	1.006E-05		
CURIES		4.043E-02	1.730E-01	1.770E-01	6.745E-02	8.883E-02	4.532E-02	8.829E-01		
UNCERT(CURIES)										
UNCERT(UC/ML)		9.000E-07	3.000E-06	4.000E-06	2.000E-06	1.900E-06	1.000E-06			
% OF TOTAL		0.225	3.526	1.465	0.325	1.195	0.425	0.481		
H-3	4.490E+03									
CONCEN (UC/ML)		2.510E-03	4.950E-04	1.630E-03	3.270E-03	9.600E-04	1.560E-03	2.039E-03	2.00E-03	101.95
CURIES		1.780E+01	4.282E+00	1.154E+01	2.005E+01	6.877E+00	1.040E+01	1.790E+02		*****
UNCERT(CURIES)										
UNCERT(UC/ML)		5.000E-04	1.200E-05	4.000E-04	7.000E-05	3.000E-05	3.000E-05			
% OF TOTAL		98.935	87.263	25.526	96.651	92.540	97.569	97.468		
HF-181	4.240E+01									
CONCEN (UC/ML)						4.430E-07		8.389E-08	3.00E-05	0.28
CURIES						3.174E-03		7.365E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)						1.800E-08				
% OF TOTAL						0.043		0.004		
I-131	8.040E+00									
CONCEN (UC/ML)						2.470E-07	4.910E-07	1.385E-07	3.00E-06	4.62
CURIES						1.770E-03	3.272E-03	1.216E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)						1.000E-08	8.000E-09			
% OF TOTAL						0.024	0.031	0.007		
I-132	9.500E-02									
CONCEN (UC/ML)						5.840E-07		4.765E-08	2.00E-04	0.02
CURIES						4.184E-03		4.184E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)						3.300E-08				
% OF TOTAL						0.056		0.002		
MN-54	3.122E+02									
CONCEN (UC/ML)			1.350E-07	2.030E-07				2.968E-08	5.00E-05	0.06
CURIES			1.168E-03	1.438E-03				2.605E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)			2.800E-08	2.700E-08						
% OF TOTAL			0.024	0.012				0.001		
MO-99	2.747E+00									
CONCEN (UC/ML)					4.080E-07			2.850E-08	3.00E-05	0.09
CURIES					2.502E-03			2.502E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)					8.000E-09					
% OF TOTAL					0.012			0.001		

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U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
NA-24	6.237E+01									
CONCEN (UC/ML)						3.430E-06		4.619E-07	1.00E-04	0.46
CURIES						2.457E-02		4.056E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)						3.000E-08				
% OF TOTAL						0.331		0.022		
NB-95	3.498E+01									
CONCEN (UC/ML)							2.190E-07	8.225E-08	6.00E-05	0.14
CURIES							1.459E-03	7.221E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)							1.700E-08			
% OF TOTAL							0.014	0.004		
NB-97	5.111E-02									
CONCEN (UC/ML)								4.821E-08	6.00E-04	0.01
CURIES								4.233E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.002		
RU-103	3.924E+01									
CONCEN (UC/ML)										
CURIES							1.600E-06	2.488E-07	5.00E-05	0.50
UNCERT(CURIES)							1.066E-02	2.185E-02		
UNCERT(UC/ML)										
% OF TOTAL							3.000E-08			
							0.100	0.012		
SB-124	6.020E+01									
CONCEN (UC/ML)		1.640E-07				2.110E-07		3.047E-08	1.00E-05	0.30
CURIES		1.163E-03				1.512E-03		2.675E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)		2.000E-08				1.800E-08				
% OF TOTAL		0.006				0.020		0.001		
SB-125	1.007E+03									
CONCEN (UC/ML)		2.430E-07						1.963E-08	5.00E-05	0.04
CURIES		1.724E-03						1.724E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)		2.700E-08								
% OF TOTAL		0.010						0.001		
SR-89	5.052E+01									
CONCEN (UC/ML)			1.610E-07				1.550E-07	2.058E-07	2.00E-05	1.03
CURIES			1.393E-03				1.033E-03	1.806E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)			1.600E-08				1.300E-08			
% OF TOTAL			0.028				0.010	0.010		

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-91

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
SR-90	1.059E+04									
CONCEN (UC/ML)								1.397E-08	1.00E-06	1.40
CURIES								1.226E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.001		
TE-132	3.258E+00									
CONCEN (UC/ML)						1.960E-07		1.599E-08	2.00E-05	0.08
CURIES						1.404E-03		1.404E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)						6.000E-09				
% OF TOTAL						0.019		0.001		
XE-133	5.250E+00									
CONCEN (UC/ML)								1.209E-08		
CURIES								1.062E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.001		
Y-90	2.667E+00									
CONCEN (UC/ML)								1.397E-08	1.00E-05	0.14
CURIES								1.226E-03		
UNCERT(CURIES)										
UNCERT(UC/ML)										
% OF TOTAL								0.001		
ZN-65	2.438E+02									
CONCEN (UC/ML)								1.522E-07	9.00E-06	1.69
CURIES			5.920E-07	5.130E-07				1.337E-02		
UNCERT(CURIES)			5.121E-03	3.633E-03						
UNCERT(UC/ML)										
UNCERT(UC/ML)			7.100E-08	8.500E-08						
% OF TOTAL			0.104	0.030				0.007		
ZR-95	6.403E+01									
CONCEN (UC/ML)							9.750E-07	2.666E-07	4.00E-05	0.67
CURIES							6.497E-03	2.341E-02		
UNCERT(CURIES)										
UNCERT(UC/ML)							3.700E-08			
% OF TOTAL							0.061	0.013		

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

TRA LIQUID WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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TRA-L

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	CG *	% OF CG
TOTALS										
ALPHA CURIES										
% OF TOTAL										
B+G CURIES		1.800E+01	4.907E+00	1.208E+01	2.075E+01	7.432E+00	1.065E+01	1.837E+02		
% OF TOTAL		100.000	100.000	100.000	100.000	100.000	100.000	100.000		
VOLUME (LITERS)										
		7.093E+06	8.650E+06	7.082E+06	6.132E+06	7.164E+06	6.664E+06	8.780E+07		

GRAND TOTALS (CURIES)		1.800E+01	4.907E+00	1.208E+01	2.075E+01	7.432E+00	1.065E+01	1.837E+02		

* NOTE: DCG value obtained from DOE ORDER 5400.5 dated February8, 1990, Figures III-1 and III-3

*** The CG limit is being approached or has been exceeded during the current month. Please verify the accuracy of the reported data. If the data is in error, please send correct data to Waste Information.

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Waste Experimental Reduction Facility 1992 Detail Data

Waste Experimental Reduction Facility (WER) Bar Graphs of Annual Data by Month	WER-3
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Waste Experimental Reduction Facility (WER) Bar Graphs of Annual Data by Month

Waste Experimental Reduction Facility (WER) Monthly Details - CY-1992

WER-5

**WER Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December**

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U.S. DEPARTMENT OF ENERGY
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WER AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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WER-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
GROSS-ALPHA											
CONCEN (UC/ML)				4.103E-16		3.623E-16	2.885E-15	5.567E-16	2.809E-22		
CURIES				4.910E-09		1.786E-09	3.000E-08	7.493E-08			
% OF TOTAL				3.957		5.974	20.101	6.720			
GROSS-BETA											
CONCEN (UC/ML)		7.369E-15	6.568E-15	8.957E-15	8.767E-15	5.150E-15	1.147E-14	6.473E-15	3.266E-21		
CURIES		9.082E-08	6.310E-08	1.072E-07	8.312E-08	2.539E-08	1.192E-07	8.712E-07			
% OF TOTAL		70.942	100.000	86.389	100.000	84.928	79.900	78.135			
SR-90											
CONCEN (UC/ML)	1.059E+04	1.509E-15		5.005E-16		2.759E-16		6.273E-16	3.165E-22	9.00E-12	
CURIES		1.860E-08		5.990E-09		1.360E-09		8.444E-08			
% OF TOTAL		14.529		4.827		4.549		7.573			
Y-90											
CONCEN (UC/ML)	2.667E+00	1.509E-15		5.005E-16		2.759E-16		6.273E-16	3.165E-22	1.00E-09	
CURIES		1.860E-08		5.990E-09		1.360E-09		8.444E-08			
% OF TOTAL		14.529		4.827		4.549		7.573			
TOTALS											
ALPHA CURIES				4.910E-09		1.786E-09	3.000E-08	7.493E-08			
% OF TOTAL				3.957		5.974	20.101	6.720			
B+G CURIES		1.280E-07	6.310E-08	1.192E-07	8.312E-08	2.811E-08	1.192E-07	1.040E-06			
% OF TOTAL		100.000	100.000	96.043	100.000	94.026	79.900	93.280			
VOLUME (CU. METERS)		1.233E+07	9.607E+06	1.197E+07	9.481E+06	4.930E+06	1.040E+07	1.346E+08			

GRAND TOTALS (CURIES)		1.280E-07	6.310E-08	1.241E-07	8.312E-08	2.990E-08	1.492E-07	1.115E-06			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

WER-9

**WER Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

WER AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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WER-A
YEARLY
RELEASE
% OF CG

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	% OF CG
GROSS-ALPHA											
CONCEN (UC/ML)		2.012E-15			1.607E-17		8.350E-16	5.038E-16	2.542E-22		
CURIES		2.781E-08			1.910E-10		1.023E-08	3.824E-08			
% OF TOTAL		16.866			0.381		7.498	7.113			
GROSS-BETA											
CONCEN (UC/ML)		9.919E-15	6.178E-15	1.550E-15	4.206E-15	2.981E-15	4.522E-15	5.038E-15	2.542E-21		
CURIES		1.371E-07	8.440E-08	1.830E-08	4.997E-08	3.720E-08	5.540E-08	3.824E-07			
% OF TOTAL		83.134	79.924	46.803	99.619	89.899	40.607	71.127			
SR-90	1.059E+04										
CONCEN (UC/ML)			7.759E-16	8.811E-16		1.675E-16	2.889E-15	7.706E-16	3.888E-22	9.00E-12	
CURIES			1.060E-08	1.040E-08		2.090E-09	3.540E-08	5.849E-08			
% OF TOTAL			10.038	26.598		5.051	25.947	10.880			
Y-90	2.667E+00										
CONCEN (UC/ML)			7.759E-16	8.811E-16		1.675E-16	2.889E-15	7.706E-16	3.888E-22	1.00E-09	
CURIES			1.060E-08	1.040E-08		2.090E-09	3.540E-08	5.849E-08			
% OF TOTAL			10.038	26.598		5.051	25.947	10.880			
TOTALS											
ALPHA CURIES		2.781E-08			1.910E-10		1.023E-08	3.824E-08			
% OF TOTAL		16.866			0.381		7.498	7.113			
B+G CURIES		1.371E-07	1.056E-07	3.910E-08	4.997E-08	4.138E-08	1.262E-07	4.993E-07			
% OF TOTAL		83.134	100.000	100.000	99.619	100.000	92.502	92.887			
VOLUME (CU. METERS)		1.382E+07	1.366E+07	1.180E+07	1.188E+07	1.248E+07	1.225E+07	7.590E+07			
GRAND TOTALS (CURIES)		1.649E-07	1.056E-07	3.910E-08	5.016E-08	4.138E-08	1.364E-07	5.376E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line Gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

WER-13

WER Facility Detail Data for Months July to December
Annual Average Concentration and Total Curies for January to December

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

WER NO. STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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WER-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)				5.496E-16		5.485E-16	4.020E-15	7.308E-16	3.687E-22		
CURIES				4.910E-09		1.040E-09	3.000E-08	7.021E-08			
UNCERT(CURIES)				4.120E-09		1.260E-09	7.240E-09				
UNCERT(UC/ML)											
% OF TOTAL				4.740		5.290	21.429	7.103			
GROSS-BETA											
CONCEN (UC/ML)		9.011E-15	7.774E-15	9.705E-15	1.132E-14	8.386E-15	1.474E-14	7.801E-15	3.936E-21		
CURIES		8.460E-08	5.110E-08	8.670E-08	7.410E-08	1.590E-08	1.100E-07	7.494E-07			
UNCERT(CURIES)		1.050E-08	7.770E-09	9.010E-09	8.410E-09	2.380E-09	1.310E-08				
UNCERT(UC/ML)											
% OF TOTAL		69.458	100.000	83.695	100.000	80.875	78.571	75.813			
SR-90 1.059E+04											
CONCEN (UC/ML)		1.981E-15		6.705E-16		7.173E-16		8.790E-16	4.435E-22	9.00E-12	
CURIES		1.860E-08		5.990E-09		1.360E-09		8.444E-08			
UNCERT(CURIES)		1.730E-09		1.200E-09		1.690E-10					
UNCERT(UC/ML)											
% OF TOTAL		15.271		5.782		6.918		8.542			
Y-90 2.667E+00											
CONCEN (UC/ML)		1.981E-15		6.705E-16		7.173E-16		8.790E-16	4.435E-22	1.00E-09	
CURIES		1.860E-08		5.990E-09		1.360E-09		8.444E-08			
UNCERT(CURIES)		1.730E-09		1.200E-09		1.690E-10					
UNCERT(UC/ML)											
% OF TOTAL		15.271		5.782		6.918		8.542			
TOTALS											
ALPHA CURIES				4.910E-09		1.040E-09	3.000E-08	7.021E-08			
% OF TOTAL				4.740		5.290	21.429	7.103			
B+G CURIES		1.218E-07	5.110E-08	9.868E-08	7.410E-08	1.862E-08	1.100E-07	9.183E-07			
% OF TOTAL		100.000	100.000	95.260	100.000	94.710	78.571	92.897			
VOLUME (CU. METERS)		9.389E+06	6.573E+06	8.934E+06	6.545E+06	1.896E+06	7.462E+06	9.607E+07			
GRAND TOTALS (CURIES)											
		1.218E-07	5.110E-08	1.036E-07	7.410E-08	1.966E-08	1.400E-07	9.885E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

WER-17

SCHED. NO. P61PM009-D

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/07/93

MER SO. STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH DEC 1992

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MER-A

NUCLIDES	HALF LIFE (DAYS)	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)						2.459E-16		1.225E-16	6.182E-23		
CURIES						7.460E-10		4.722E-09			
UNCERT(CURIES)						1.420E-09					
UNCERT(UC/ML)											
% OF TOTAL						7.288		3.731			
GROSS-BETA											
CONCEN (UC/ML)		2.119E-15	3.955E-15	6.757E-15	3.072E-15	3.128E-15	3.151E-15	3.162E-15	1.595E-21		
CURIES		6.220E-09	1.200E-08	2.050E-08	9.020E-09	9.490E-09	9.250E-09	1.219E-07			
UNCERT(CURIES)		3.340E-09	3.190E-09	2.840E-09	3.260E-09	2.430E-09	3.190E-09				
UNCERT(UC/ML)											
% OF TOTAL		100.000	100.000	100.000	100.000	92.712	100.000	96.269			
TOTALS											
ALPHA CURIES						7.460E-10		4.722E-09			
% OF TOTAL						7.288		3.731			
B+G CURIES		6.220E-09	1.200E-08	2.050E-08	9.020E-09	9.490E-09	9.250E-09	1.218E-07			
% OF TOTAL		100.000	100.000	100.000	100.000	92.712	100.000	96.269			
VOLUME (CU. METERS)		2.936E+06	3.034E+06	3.034E+06	2.936E+06	3.034E+06	2.936E+06	3.854E+07			

GRAND TOTALS (CURIES)		6.220E-09	1.200E-08	2.050E-08	9.020E-09	1.024E-08	9.250E-09	1.266E-07			

WER-18

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

**WER Facility Detail Data for Months January to June
Annual Average Concentration and Total Curies for January to June**

IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

WER NO. STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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WER-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)		2.682E-15					8.095E-16	6.199E-16	3.128E-22		
CURIES		2.690E-08					7.360E-09	3.426E-08			
UNCERT(CURIES)		5.660E-09					4.870E-09				
UNCERT(UC/ML)											
% OF TOTAL		18.312					5.511	7.164			
GROSS-BETA											
CONCEN (UC/ML)		1.196E-14	7.326E-15	2.184E-15	4.736E-15	2.110E-15	6.093E-15	5.917E-15	2.985E-21		
CURIES		1.200E-07	7.230E-08	1.830E-08	4.190E-08	1.910E-08	5.540E-08	3.270E-07			
UNCERT(CURIES)		1.060E-08	1.320E-08	8.970E-09	8.650E-09	9.220E-09	9.220E-09				
UNCERT(UC/ML)											
% OF TOTAL		81.688	77.326	46.803	100.000	82.045	41.480	68.376			
SR-90											
CONCEN (UC/ML)	1.059E+04		1.074E-15	1.241E-15		2.309E-16	3.894E-15	1.058E-15	5.339E-22	9.00E-12	
CURIES			1.060E-08	1.040E-08		2.090E-09	3.540E-08	5.849E-08			
UNCERT(CURIES)			1.770E-09	1.670E-09		1.670E-09	3.660E-09				
UNCERT(UC/ML)											
% OF TOTAL			11.337	26.598		8.978	26.505	12.230			
Y-90											
CONCEN (UC/ML)	2.667E+00		1.074E-15	1.241E-15		2.309E-16	3.894E-15	1.058E-15	5.339E-22	1.00E-09	
CURIES			1.060E-08	1.040E-08		2.090E-09	3.540E-08	5.849E-08			
UNCERT(CURIES)			1.770E-09	1.670E-09		1.670E-09	3.660E-09				
UNCERT(UC/ML)											
% OF TOTAL			11.337	26.598		8.978	26.505	12.230			
TOTALS											
ALPHA CURIES		2.690E-08					7.360E-09	3.426E-08			
% OF TOTAL		18.312					5.511	7.164			
B+G CURIES		1.200E-07	9.350E-08	3.910E-08	4.190E-08	2.328E-08	1.262E-07	4.440E-07			
% OF TOTAL		81.688	100.000	100.000	100.000	100.000	94.489	92.836			
VOLUME (CU. METERS)		1.003E+07	9.869E+06	8.378E+06	8.848E+06	9.052E+06	9.092E+06	5.527E+07			
GRAND TOTALS (CURIES)											
		1.469E-07	9.350E-08	3.910E-08	4.190E-08	2.328E-08	1.336E-07	4.782E-07			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

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IDAHO OPERATIONS OFFICE
U.S. DEPARTMENT OF ENERGY
RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 05/10/93

WER SO. STACK AIRBORNE WASTE SUMMARY
FOR JAN THROUGH JUN 1992

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WER-A

NUCLIDES	HALF LIFE (DAYS)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	ANNUAL AVG CONCEN/ TOT CURIES	YEARLY RELEASE*	CG**	YEARLY RELEASE % OF CG
GROSS-ALPHA											
CONCEN (UC/ML)		2.413E-16			6.295E-17		9.082E-16	1.927E-16	9.725E-23		
CURIES		9.150E-10			1.910E-10		2.870E-09	3.976E-09			
UNCERT(CURIES)		1.430E-09			1.730E-09		1.280E-09				
UNCERT(UC/ML)											
% OF TOTAL		5.079			2.312		100.000	6.700			
GROSS-BETA											
CONCEN (UC/ML)		4.509E-15	3.191E-15		2.660E-15	5.285E-15		2.684E-15	1.354E-21		
CURIES		1.710E-08	1.210E-08		8.070E-09	1.810E-08		5.537E-08			
UNCERT(CURIES)		3.380E-09	4.660E-09		2.780E-09	3.490E-09					
UNCERT(UC/ML)											
% OF TOTAL		94.921	100.000		97.688	100.000		93.300			
TOTALS											
ALPHA CURIES		9.150E-10			1.910E-10		2.870E-09	3.976E-09			
% OF TOTAL		5.079			2.312		100.000	6.700			
B+G CURIES		1.710E-08	1.210E-08		8.070E-09	1.810E-08		5.537E-08			
% OF TOTAL		94.921	100.000		97.688	100.000		93.300			
VOLUME (CU. METERS)		3.792E+06	3.792E+06	3.425E+06	3.034E+06	3.425E+06	3.160E+06	2.063E+07			
GRAND TOTALS (CURIES)		1.801E-08	1.210E-08		8.261E-09	1.810E-08	2.870E-09	5.935E-08			

* This number is derived from a dispersion factor equation. The dispersion factor is derived from the straight line gaussian model and is provided by the National Oceanic Atmospheric Administration (NOAA).

** NOTE: DCG value obtained from DOE ORDER 5400.5 dated February 8, 1990, Figures III-1 and III-3

WER-22

Engineered Release Points

Table 1. Engineered Release Points to the Environment.

Type of Discharge	Area/Location	Type of Description of Discharge Surface	Air Emission Inventory Stack No.	Active (Yes/No)
Airborne	ANL/EBR-II & FCF	61-m glass-coated steel stack, 30 m ³ /s discharge capacity, continuously monitored.	EBR2-705-001	Yes
	ANL/FASB	10-m stack, 6.64 m ³ /s discharge capacity, continuously monitored.	EBR2-627-001	Yes
	ANL/FMF	11.1-m stack, 4.6 m ³ /s discharge capacity, continuously monitored.	EBR2-636-008	Yes
	ANL/HFEF	28.6-m stack, 21.7 m ³ /s discharge capacity, continuously monitored.	EBR2-626-018	Yes
	ANL/L&O	Two separate stacks—one stack is 15.2 m with 10.9 m ³ /s discharge capacity. The other stack is 11.3 m with 7.8 m ³ /s discharge capacity. Both stacks are continuously monitored.	EBR2-603-004 (MAIN) EBR2-603-005 (NDA)	Yes
	ANL/RLWTF	14.2-m stack, 1.7 m ³ /s discharge capacity, continuously monitored.	EBR2-637-017	Yes
	ANL/SCMS	14.6-m stack, 4.7 m ³ /s discharge capacity, continuously monitored.	EBR2-633-001	Yes
	ANL/SPF	6.9-m stack, 2.1 m ³ /s discharge capacity, continuously monitored.	EBR2-649-010	Yes
	ANL/TREAT	42.7-m steel stack, 2.8 m ³ /s discharge capacity, continuously monitored.	TREA-601-007	Yes
	ANL/ZPPR	22.9-m stack, 2.3 m ³ /s discharge capacity, continuously monitored.	EBRZ-620-002	Yes
	ARA	9.1-m stack, 1.4 m ³ /s discharge capacity, continuously monitored. Currently undergoing D&D. These stacks were capped in 1989.	ARA001	No
	CFA/West	Two normal ventilation exhausts, respirator maintenance 0.6-m ³ /s flow, continuously sampled.	Drying Ovens CFA-617-030 CFA-617-031	Yes
	CFA/North	Normal ventilation exhausts, laundry dryer, 6.1-m ³ /s flow, continuously sampled.	CFA-617-010 CFA-617-011	Yes
	CPP/FAST	50-m stack, 66.1 m ³ /s discharge capacity, continuously monitored and sampled.	CPP-767-001	Yes
	CPP/Main Stack	76.2-m stack, 84.95 m ³ /s discharge capacity, continuously monitored.	CPP-708-001	Yes

Table 1. (continued)

Type of Discharge	Area/Location	Type of Description of Discharge Surface	Air Emission Inventory Stack No.	Active (Yes/No)
	CPP/NWCF	22-m stack, 51.9 m ³ /s discharge capacity, continuously monitored and sampled.	CPP-659-033	Yes
	CPP/RAL Stack	14.8-m stack, 8.5 m ³ /s discharge capacity, continuously monitored and sampled.	CPP-684-001	Yes
	CTF (formerly LOF)	45.7-m stack, 7.8 m ³ /s discharge capacity, continuously monitored. This facility is deactivated and is scheduled to be completely shut down in mid-1990.	TAN-725-001	No
	NRF/A1W	17.7-m stack, 22 m ³ /s discharge capacity, continuously monitored.	NRF-616-012	Yes
	NRF/A1W-RWDS	Near-surface discharge, 0.02 m ³ /s discharge capacity, continuously monitored.	NRF-628-006	Yes
	NRF/ECF	Two stacks, one 19.5-m stack, 14.3 m ³ /s discharge capacity, one 31-m stack 23.13 m ³ /s discharge capacity. Both continuously monitored.	NRF-618-103 NRF-618-099	Yes
	NRF/Nonplant Areas	7.6-m stack, 0.3 m ³ /s discharge capacity, continuously monitored. This stack has been decommissioned and was removed in the early 1980s.		No
	NRF/S1W	One 45.1-m stack, 22.96 m ³ /s discharge capacity, continuously monitored. One filtered exhaust 15.8-m, 0.6 m ³ /s discharge capacity, continuously monitored.	NRF-601-019A	Yes
	NRF/S5G	23.2-m stack, 10.3 m ³ /s discharge capacity, continuously monitored.	NRF-633A-057	Yes
	PBF	24.4-m stack, 2.8 m ³ /s discharge capacity, continuously monitored.	PER620 Vent 016	Yes
	SMC/R&D Process	17.7-m stack, 23.6 m ³ /s discharge capacity, continuously monitored.	TAN-607-039	Yes
	SMC/MDF QC LAB	17.99-m stack, 7.79 m ³ /s discharge capacity, continuously monitored.	TAN-607-119	Yes
	SMC/LINE 2a	14.0-m stack, 18.12 m ³ /s discharge capacity, continuously monitored.	TAN-629-013	Yes
	SMC/LINE 2b	8.36-m stack, 3.12 m ³ /s discharge capacity, continuously monitored.	TAN-629-014	Yes
	SMC/LINE 2B	8.36-m stack, 3.12 m ³ discharge capacity, continuously monitored.	TAN-629-012	Yes

Table 1. (continued)

Type of Discharge	Area/Location	Type of Description of Discharge Surface	Air Emission Inventory Stack No.	Active (Yes/No)
	SMC/S. Process S6	16.97-m stack, 7.08 m ³ /s discharge capacity, continuously monitored.	TAN-679-027	Yes
	SMC/S. Process S7	16.97-m stack, 7.08 m ³ /s discharge capacity, continuously monitored.	TAN-679-026	Yes
	SMC/S. Process S8	16.97-m stack, 7.08 m ³ /s discharge capacity, continuously monitored.	TAN-679-025	Yes
	SMC/S. Process S9	16.97-m stack, 7.08 m ³ /s discharge capacity, continuously monitored.	TAN-679-024	Yes
	SMC/S. Process S10	16.97-m stack, 7.08 m ³ /s discharge capacity, continuously monitored.	TAN-679-023	Yes
	SMC/S. Process S11	16.97-m stack, 7.08 m ³ /s discharge capacity, continuously monitored.	TAN-679-022	Yes
	SMC/Scrap Handling	16.97-m stack, 7.93 m ³ /s discharge capacity, continuously monitored.	TAN-681-020	Yes
	SMC/Liquid Reclaim	16.97-m stack, 7.93 m ³ /s discharge capacity, continuously monitored.	TAN-681-018	Yes
	SMC/PRF Stack S14	33.54-m stack, 0.94 m ³ /s discharge capacity, continuously monitored.	TAN-681-012	Yes
	TAN Decon	29.6-m stack, 24.9 m ³ /s discharge capacity, continuously monitored. Currently in process of deactivation.	TAN-607-136	Yes
	TAN/TSF	51.4-m stack, 7.9 m ³ /s discharge capacity, continuously monitored.	TAN-734-001	Yes
	TAN/PREPP	26.1-m, 3 m ³ /s discharge capacity, continuously monitored. Not in processing mode as of June 1990.	TAN-607-107	Yes
	TRA/ATR	76.2-m, stack, 21.2 m ³ /s discharge capacity, continuously monitored.	TRA-770-001	Yes
	TRA/Chem Lab	29.6-m stack, 6.6 m ³ /s discharge capacity, continuously sampled.	TRA-604-035	Yes
	TRA/ETR	76.2-m stack, 9.4 m ³ /s discharge capacity, continuously monitored. As of 3/88, this stack is not monitored. No activity is discharged.	TRA-753-001	Yes
	TRA/Hot Cells	15.2-m stack, 1.6 m ³ /s discharge capacity, continuously sampled; three stacks sampled as one.	TRA-632-030	Yes

Table 1. (continued)

Type of Discharge	Area/Location	Type of Description of Discharge Surface	Air Emission Inventory Stack No.	Active (Yes/No)
	TRA/MTR	76.2-m stack, 6 m ³ /s discharge capacity, continuously monitored.	TRA-710-001	Yes
	TRA/661	8.43-m stack, 3.3 m ³ /s discharge capacity, not monitored.	TRA-661-008	Yes
	WER/North	15-m stack, 8 m ³ /s discharge capacity, continuously monitored.	PER755 Vent 001	Yes
	WER/South	15-m stack, 9.4 m ³ /s discharge capacity, continuously monitored.	PER756 Vent 001	Yes
	WMC/SWEPP	4.5-m stack, 1.7 m ³ /s discharge capacity, continuously monitored during active Drum Vent operation.	WMF-615-001	Yes
Liquid (injection well)	CPP	181 m deep (42.7 m below water table), constantly monitored by radiation detector with a detection unit of 2×10^{-6} Ci/mL, flow approximately 170×10^6 liters per month. (INEL discharges to the injection well have been terminated since 1986. This well was closed in November 1989.)		No
	PBF	33.5 m deep (105 m above water table), constantly monitored, flow intermittent with a maximum of 750 liters per minute (no longer in use as of August 1980; in June 1984 this well was completely filled with concrete).		No
Liquid (seepage ponds, leaching pits, cribs)	ANL/EBR-II & L&O	Batch monitored pond approximately 1.2×10^4 m ² maximum depth of 4 m.		Yes
	ARA	Surface depression (approximately 1/3 acre), estimate flow 1.05×10^7 liters per year, continuously monitored. ARA completely shut down operations in September 1986, no further releases are being made to this release point except for drainage as a result of rain water runoff.		No
	CFA	Sewage plant tile drain field, 610 $\times$ 61 m, average flow approximately 15×10^6 liters per month, continuously monitored.		Yes

Table 1. (continued)

Type of Discharge	Area/Location	Type of Description of Discharge Surface	Air Emission Inventory Stack No.	Active (Yes/No)
	CPP/Pond No. 1	Percolation pond, 131 × 122 m, 4.9 m deep, continuously monitored and sampled.		Yes
	CPP/Pond No. 2	Percolation pond, 168 × 168 m, 3.7 m deep, continuously monitored and sampled.		Yes
	CTF (formerly LOF)	Continuously monitored pond approximately 76 × 152 × maximum 5.5 m deep.		Yes
	NRF	Continuously monitored leaching beds handling 95,000 liters per month (releases ended April 1979).		No
	TAN	Continuously monitored pond approximately 13 hectares in size.	N/A	Yes
	TRA	Two ponds 40 × 73 and one pond 76 × 122 m, average flow approximately 90 × 10 ⁶ liters per month, prior to 1988. In 1988 average flow decreased to 4.7 × 10 ⁶ liters per month. Ponds are continuously monitored.	N/A	Yes
Solid	All Facilities	Disposal of radioactive solid waste accomplished at the INEL Radioactive Waste Management Complex (RWMC).	N/A	Yes
		Storage of transuranic radioactive solid waste accomplished at the INEL RWMC.	N/A	Yes
		Reduction of applicable radioactive solid waste volume accomplished at the INEL WERF.	N/A	Yes
		Storage of calcinated solids accomplished at CPP.	N/A	Yes
		Storage of sodium-contaminated waste generated by ANL accomplished at ANL.	N/A	Yes
		Storage of mixed waste accomplished at Mixed Waste Storage Facility (MWSF).	N/A	Yes

END

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12/23/93