PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

		Generator forecasts	Reports
X	RWMIS	X Other database	Interview
	Sample analysis data	Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, scaling factors were applied for a better best estimate.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: ANL-798-1

CAS Number	(A) (T)	Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
1332-21-4		T	8.000E+02	Gm	1998	1998	N	N			8.0000E+02	1.2000E+03

Asbestos

Basis for Uncertainty: See additional information.
Physical Form: Solid Chemical Form:Fiber

Footnotes:

* If sample data are available, mark Y in the column titled "Samples?" and provide the number of samples in the next column and standard deviation in the next column. If not, mark N and give minimum value and maximum value.

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AG-110M	T	5.313E-08	Ci	1997	1997	N	N				3.1000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
BA-140	T	1.989E-07	Ci	1997	1997	N	N				1.1900E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
C-14	T	2.468E-07	Ci	1997	1997	N	N				6.8000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CE-144	T	5.531E-04	Ci	1997	1997	N	N				2.2806E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CL-36	T	0.000E+00	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CO-57	T	2.443E-04	Ci	1997	1997	N	N				2.4431E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-58	T	4.910E-03	Ci	1997	1997	N	N				8.1689E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	3.525E-04	Ci	1997	1997	N	N				7.9629E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	4.140E-05	Ci	1997	1997	N	N				8.1440E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	4.870E-05	Ci	1997	1997	N	N				1.9973E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	5.996E-04	Ci	1997	1997	N	N				9.1938E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	3.876E-08	Ci	1997	1997	N	N				5.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-154	T	2.427E-06	Ci	1997	1997	N	N				9.3550E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	3.862E-05	Ci	1997	1997	N	N				1.5378E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-59	T	2.576E-05	Ci	1997	1997	N	N				3.1980E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	4.270E-06	Ci	1997	1997	N	N				1.3147E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	1.700E-10	Ci	1997	1997	N	N				1.4000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-131	T	1.800E-10	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
LA-140	T	0.000E+00	Ci	1997	1997	N	N				4.1492E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	4.439E-03	Ci	1997	1997	N	N				9.7120E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NA-22	T	1.273E-05	Ci	1997	1997	N	N				1.9571E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	9.310E-09	Ci	1997	1997	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	5.552E-08	Ci	1997	1997	N	N				1.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	7.201E-07	Ci	1997	1997	N	N				2.7800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	3.494E-05	Ci	1997	1997	N	N				2.0771E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	0.000E+00	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-228	T	0.000E+00	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	3.865E-04	Ci	1997	1997	N	N				1.9910E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SB-124	T	4.888E-08	Ci	1997	1997	N	N				2.4000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-125	T	4.481E-05	Ci	1997	1997	N	N				1.8407E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SN-113	T	1.156E-06	Ci	1997	1997	N	N				5.6900E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SN-117M	T	0.000E+00	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SR-89	T	3.516E-04	Ci	1997	1997	N	N				2.0808E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SR-90	T	4.363E-04	Ci	1997	1997	N	N				2.5798E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
TA-182	T	1.823E-06	Ci	1997	1997	N	N				4.2800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TC-99	T	8.136E-08	Ci	1997	1997	N	N				1.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TE-132	T	0.000E+00	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	4.363E-04	Ci	1997	1997	N	N				2.5798E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	8.073E-04	Ci	1997	1997	N	N				4.0366E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AC-227	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AG-110M	T	1.408E-04	Ci	1998	1998	N	N				8.4484E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	1.911E-04	Ci	1998	1998	N	N				1.4708E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AM-243	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
BA-140	T	5.272E-04	Ci	1998	1998	N	N				3.1631E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
C-14	T	2.473E-06	Ci	1998	1998	N	N				6.8500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CE-144	T	6.468E-01	Ci	1998	1998	N	N				2.6671E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CL-36	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CM-244	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	2.449E-03	Ci	1998	1998	N	N				2.4487E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	8.016E-05	Ci	1998	1998	N	N				1.3336E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	3.533E-03	Ci	1998	1998	N	N				7.9810E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	4.150E-04	Ci	1998	1998	N	N				8.1629E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	1.192E-01	Ci	1998	1998	N	N				4.8910E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-137	T	1.589E+00	Ci	1998	1998	N	N				2.4366E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	1.027E-04	Ci	1998	1998	N	N				1.5305E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	6.431E-03	Ci	1998	1998	N	N				2.4795E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	6.585E-02	Ci	1998	1998	N	N				2.6222E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-59	T	2.582E-04	Ci	1998	1998	N	N				3.2059E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	1.132E-02	Ci	1998	1998	N	N				3.4843E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
I-129	T	4.427E-07	Ci	1998	1998	N	N				3.7337E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-131	T	4.831E-07	Ci	1998	1998	N	N				2.4500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
LA-140	T	0.000E+00	Ci	1998	1998	N	N				1.0996E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	5.828E-02	Ci	1998	1998	N	N				1.2751E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NA-22	T	1.276E-04	Ci	1998	1998	N	N				1.9616E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	9.326E-08	Ci	1998	1998	N	N				2.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NB-95	T	5.565E-07	Ci	1998	1998	N	N				1.2600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	7.217E-06	Ci	1998	1998	N	N				2.7920E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	3.502E-04	Ci	1998	1998	N	N				2.0819E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NP-237	T	5.371E-07	Ci	1998	1998	N	N				2.6500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-231	T	2.200E-10	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-238	T	3.422E-04	Ci	1998	1998	N	N				1.6764E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	5.045E-04	Ci	1998	1998	N	N				2.4909E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-240	T	5.185E-04	Ci	1998	1998	N	N				2.0987E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	1.968E-02	Ci	1998	1998	N	N				5.6276E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-242	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
RA-228	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
RU-106	T	1.946E-02	Ci	1998	1998	N	N				1.0024E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SB-124	T	1.295E-04	Ci	1998	1998	N	N				6.4773E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SB-125	T	1.062E-01	Ci	1998	1998	N	N				4.3605E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SN-113	T	3.065E-03	Ci	1998	1998	N	N				1.5081E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SN-117M	T	1.800E-10	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SR-89	T	9.318E-01	Ci	1998	1998	N	N				5.5144E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	1.158E+00	Ci	1998	1998	N	N				6.8507E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TA-182	T	4.832E-03	Ci	1998	1998	N	N				1.1350E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	2.156E-04	Ci	1998	1998	N	N				3.3847E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TE-132	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	2.336E-08	Ci	1998	1998	N	N				1.1000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-229	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	2.830E-09	Ci	1998	1998	N	N				1.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-232	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-232	T	6.594E-08	Ci	1998	1998	N	N				3.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-233	T	7.050E-09	Ci	1998	1998	N	N				3.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	1.665E-07	Ci	1998	1998	N	N				8.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
Y-90	T	1.158E+00	Ci	1998	1998	N	N				6.8507E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	8.454E-03	Ci	1998	1998	N	N				4.2271E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AC-227	T	3.000E-11	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AG-110M	T	6.597E-04	Ci	1999	1999	N	N				3.9584E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	3.250E-04	Ci	1999	1999	N	N				2.5012E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-243	T	1.000E-11	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
BA-140	T	2.794E-03	Ci	1999	1999	N	N				1.6764E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
C-14	T	6.347E-06	Ci	1999	1999	N	N				1.7580E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CE-144	T	3.624E+00	Ci	1999	1999	N	N				1.4944E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CL-36	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CM-244	T	3.000E-11	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CO-57	T	6.284E-03	Ci	1999	1999	N	N				6.2843E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-58	T	1.204E-01	Ci	1999	1999	N	N				2.0038E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	9.067E-03	Ci	1999	1999	N	N				2.0482E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	1.065E-03	Ci	1999	1999	N	N				2.0949E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	1.517E-01	Ci	1999	1999	N	N				6.2210E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	8.422E+00	Ci	1999	1999	N	N				1.2914E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	5.445E-04	Ci	1999	1999	N	N				8.1117E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-154	T	3.408E-02	Ci	1999	1999	N	N				1.3141E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	2.066E-01	Ci	1999	1999	N	N				8.2271E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-59	T	6.627E-04	Ci	1999	1999	N	N				8.2275E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	5.998E-02	Ci	1999	1999	N	N				1.8466E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	2.346E-06	Ci	1999	1999	N	N				1.9788E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-131	T	2.560E-06	Ci	1999	1999	N	N				1.3000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
LA-140	T	0.000E+00	Ci	1999	1999	N	N				5.8279E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	9.296E-01	Ci	1999	1999	N	N				2.0340E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NA-22	T	3.275E-04	Ci	1999	1999	N	N				5.0341E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	2.393E-07	Ci	1999	1999	N	N				5.7000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	1.594E-04	Ci	1999	1999	N	N				3.6117E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	1.852E-05	Ci	1999	1999	N	N				7.1650E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	8.987E-04	Ci	1999	1999	N	N				5.3429E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NP-237	T	1.215E-06	Ci	1999	1999	N	N				6.0000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-231	T	5.100E-10	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	1.940E-04	Ci	1999	1999	N	N				9.5047E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	1.141E-03	Ci	1999	1999	N	N				5.6354E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-240	T	1.174E-03	Ci	1999	1999	N	N				4.7518E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	6.103E-02	Ci	1999	1999	N	N				1.7448E+02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-242	T	3.000E-11	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	4.000E-11	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-228	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	3.868E-01	Ci	1999	1999	N	N				1.9928E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-124	T	6.866E-04	Ci	1999	1999	N	N				3.4329E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SB-125	T	3.178E-01	Ci	1999	1999	N	N				1.3052E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SN-113	T	1.624E-02	Ci	1999	1999	N	N				7.9929E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SN-117M	T	9.700E-10	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-89	T	4.938E+00	Ci	1999	1999	N	N				2.9226E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	6.150E+00	Ci	1999	1999	N	N				3.6362E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TA-182	T	2.561E-02	Ci	1999	1999	N	N				6.0152E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	1.143E-03	Ci	1999	1999	N	N				1.7939E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TE-132	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	5.285E-08	Ci	1999	1999	N	N				2.6000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-229	T	1.000E-11	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	6.400E-09	Ci	1999	1999	N	N				3.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-798-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-232	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-232	T	1.492E-07	Ci	1999	1999	N	N				7.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-233	T	1.595E-08	Ci	1999	1999	N	N				7.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	3.980E-06	Ci	1999	1999	N	N				1.9650E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	6.150E+00	Ci	1999	1999	N	N				3.6362E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	2.823E-03	Ci	1999	1999	N	N				1.4114E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: ANL-ANL-1 Non-processed low level wood. Facility waste generate is unknown
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1998 Ending year: 1999 Annual or Total over all years: T

(9) Waste stream volume: 50.90000 Units*: M Container or Waste volume: C
(10) Comments: 4. Waste from ANL - building or facility was not listed in shipping or IWTS.

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 21
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown:
(5) Waste container type: BXW
(6) Other characteristics of interest:
(7) Comments: 5. Waste container type also: PB2.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for ANL.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

		Generator forecasts	Reports
X	RWMIS	X Other database	Interview
	Sample analysis data	Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, scaling factors were applied for a better best estimate.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AC-227	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AG-110M	T	5.700E-08	Ci	1998	1998	N	N				3.4000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AM-241	T	2.090E-06	Ci	1998	1998	N	N				1.6087E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AM-243	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
BA-140	T	2.134E-07	Ci	1998	1998	N	N				1.2800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
C-14	T	2.644E-07	Ci	1998	1998	N	N				7.3000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CE-144	T	5.939E-04	Ci	1998	1998	N	N				2.4489E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CL-36	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CM-244	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CO-57	T	2.618E-04	Ci	1998	1998	N	N				2.6178E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CO-58	T	6.928E-04	Ci	1998	1998	N	N				1.1526E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CO-60	T	3.777E-04	Ci	1998	1998	N	N				8.5322E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CR-51	T	4.436E-05	Ci	1998	1998	N	N				8.7260E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	5.267E-05	Ci	1998	1998	N	N				2.1603E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	6.433E-04	Ci	1998	1998	N	N				9.8639E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	4.159E-08	Ci	1998	1998	N	N				6.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	5.504E-06	Ci	1998	1998	N	N				2.1220E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	4.344E-05	Ci	1998	1998	N	N				1.7298E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
FE-59	T	2.760E-05	Ci	1998	1998	N	N				3.4270E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	4.574E-06	Ci	1998	1998	N	N				1.4081E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	1.800E-10	Ci	1998	1998	N	N				1.5100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-131	T	2.000E-10	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
LA-140	T	0.000E+00	Ci	1998	1998	N	N				4.4516E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	6.265E-03	Ci	1998	1998	N	N				1.3707E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NA-22	T	1.364E-05	Ci	1998	1998	N	N				2.0970E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	9.970E-09	Ci	1998	1998	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	5.949E-08	Ci	1998	1998	N	N				1.3000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	2.381E-06	Ci	1998	1998	N	N				9.2100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	8.560E-05	Ci	1998	1998	N	N				5.0891E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NP-237	T	2.400E-09	Ci	1998	1998	N	N				1.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PA-231	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	1.774E-05	Ci	1998	1998	N	N				8.6890E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	2.256E-06	Ci	1998	1998	N	N				1.1130E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-240	T	8.004E-08	Ci	1998	1998	N	N				3.2300E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	2.627E-02	Ci	1998	1998	N	N				7.5107E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-242	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RA-226	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RA-228	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	4.144E-04	Ci	1998	1998	N	N				2.1345E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-124	T	5.244E-08	Ci	1998	1998	N	N				2.6000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	1.270E-06	Ci	1998	1998	N	N				5.2100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SN-113	T	1.241E-06	Ci	1998	1998	N	N				6.1000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SN-117M	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-89	T	3.772E-04	Ci	1998	1998	N	N				2.2324E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	4.721E-04	Ci	1998	1998	N	N				2.7915E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TA-182	T	1.956E-06	Ci	1998	1998	N	N				4.5900E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	8.729E-08	Ci	1998	1998	N	N				1.3000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TE-132	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-228	T	1.000E-10	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-229	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-230	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-232	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-232	T	2.900E-10	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-233	T	3.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	4.751E-04	Ci	1998	1998	N	N				2.8091E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	8.662E-04	Ci	1998	1998	N	N				4.3308E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AG-110M	T	2.260E-09	Ci	1999	1999	N	N				1.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-140	T	8.460E-09	Ci	1999	1999	N	N				5.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	1.050E-08	Ci	1999	1999	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CE-144	T	2.350E-05	Ci	1999	1999	N	N				9.6890E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	1.040E-05	Ci	1999	1999	N	N				1.0390E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	2.089E-04	Ci	1999	1999	N	N				3.4761E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	1.500E-05	Ci	1999	1999	N	N				3.3880E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	1.762E-06	Ci	1999	1999	N	N				3.4600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-134	T	2.090E-06	Ci	1999	1999	N	N				8.5700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	2.550E-05	Ci	1999	1999	N	N				3.9090E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	1.650E-09	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	1.032E-07	Ci	1999	1999	N	N				3.9700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	1.720E-06	Ci	1999	1999	N	N				6.8400E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-59	T	1.096E-06	Ci	1999	1999	N	N				1.3600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
H-3	T	1.810E-07	Ci	1999	1999	N	N				5.5720E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
I-129	T	1.000E-11	Ci	1999	1999	N	N				5.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
I-131	T	1.000E-11	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
LA-140	T	0.000E+00	Ci	1999	1999	N	N				1.7646E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
MN-54	T	2.480E-04	Ci	1999	1999	N	N				5.4260E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
NA-22	T	5.418E-07	Ci	1999	1999	N	N				8.3200E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NB-94	T	4.000E-10	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	2.360E-09	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	3.064E-08	Ci	1999	1999	N	N				1.1000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	3.440E-06	Ci	1999	1999	N	N				2.0450E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	1.230E-03	Ci	1999	1999	N	N				3.5169E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
RA-226	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RA-228	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	1.640E-05	Ci	1999	1999	N	N				8.4480E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-124	T	2.080E-09	Ci	1999	1999	N	N				1.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	1.930E-06	Ci	1999	1999	N	N				3.1690E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SN-113	T	4.918E-08	Ci	1999	1999	N	N				2.4000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SN-117M	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SR-89	T	1.495E-05	Ci	1999	1999	N	N				8.8490E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
SR-90	T	1.850E-05	Ci	1999	1999	N	N				1.0938E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
TA-182	T	7.755E-08	Ci	1999	1999	N	N				1.8000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
TC-99	T	3.460E-09	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
TE-132	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-ANL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-235	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
Y-90	T	1.850E-05	Ci	1999	1999	N	N				1.0938E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
ZR-95	T	3.433E-05	Ci	1999	1999	N	N				1.7166E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: ANL-EBRI-2 NAK from EBRI generated in 1955 and stored until treated in the mid-1990's at ANL.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1996 Ending year: 1996 Annual or Total over all years: T

(9) Waste stream volume: 5.20000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 13
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: NO
(5) Waste container type: RD5
(6) Other characteristics of interest:
(7) Comments:

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for ANL.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, scaling factors were applied for a better best estimate.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: ANL-EBRI-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AC-227	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AG-110M	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	7.036E-08	Ci	1996	1996	N	N				5.4148E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-243	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CE-144	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-EBRI-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-134	T	1.336E-06	Ci	1996	1996	N	N				7.6300E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CS-137	T	4.118E+00	Ci	1996	1996	N	N				6.3137E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
EU-152	T	3.164E-04	Ci	1996	1996	N	N				4.7140E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
EU-154	T	3.812E-02	Ci	1996	1996	N	N				1.4697E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
EU-155	T	1.292E-03	Ci	1996	1996	N	N				8.0995E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
H-3	T	7.846E-03	Ci	1996	1996	N	N				2.4156E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-EBRI-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
I-129	T	2.843E-06	Ci	1996	1996	N	N				2.3975E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NP-237	T	3.154E-07	Ci	1996	1996	N	N				1.5500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-231	T	1.300E-10	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	1.471E-04	Ci	1996	1996	N	N				7.2042E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	2.959E-04	Ci	1996	1996	N	N				1.4608E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-EBRI-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-240	T	1.046E-05	Ci	1996	1996	N	N				4.2360E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	5.361E-06	Ci	1996	1996	N	N				1.5327E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-242	T	1.000E-11	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	5.000E-11	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-228	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	1.000E-11	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-EBRI-2

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-124	T	0.000E+00	Ci	1996	1996	N	N				2.9851E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SB-125	T	3.351E-05	Ci	1996	1996	N	N				1.8334E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SN-113	T	0.000E+00	Ci	1996	1996	N	N				1.7907E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-89	T	0.000E+00	Ci	1996	1996	N	N				3.8171E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	3.814E+00	Ci	1996	1996	N	N				2.2553E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TA-182	T	0.000E+00	Ci	1996	1996	N	N				8.5476E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-EBRI-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TC-99	T	6.327E-04	Ci	1996	1996	N	N				9.9179E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-228	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-229	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-230	T	1.660E-09	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-232	T	0.000E+00	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-232	T	2.618E-08	Ci	1996	1996	N	N				1.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-EBRI-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-233	T	4.140E-09	Ci	1996	1996	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
Y-90	T	3.814E+00	Ci	1996	1996	N	N				2.2553E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
ZR-95	T	0.000E+00	Ci	1996	1996	N	N				1.0191E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: ANL-INC-1 Low-level waste generated from maintenance and facility operations and incinerated at Scientific Ecology Group.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1998 Ending year: 1998 Annual or Total over all years: T

(9) Waste stream volume: 5.10000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 46
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: O
(5) Waste container type: BXM
(6) Other characteristics of interest:
(7) Comments: 4. Plastic liner used at the discretion of generator.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for ANL.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

RWMIS		Generator forecasts	Reports
Sample analysis data	X	Other database	Interview
		Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Conflict with IWTS: Where appropriate, scaling factors were applied for a better best estimate.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AC-227	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AG-110M	T	1.335E-06	Ci	1998	1998	N	N				8.0100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AM-241	T	4.581E-08	Ci	1998	1998	N	N				3.5253E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AM-243	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
BA-140	T	5.000E-06	Ci	1998	1998	N	N				2.9990E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
C-14	T	6.044E-06	Ci	1998	1998	N	N				1.6750E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CE-144	T	7.146E-02	Ci	1998	1998	N	N				2.9464E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CL-36	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CM-244	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CO-57	T	1.309E-03	Ci	1998	1998	N	N				1.3086E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CO-58	T	1.549E-02	Ci	1998	1998	N	N				2.5772E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
CO-60	T	8.635E-03	Ci	1998	1998	N	N				1.9506E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CR-51	T	1.014E-03	Ci	1998	1998	N	N				1.9951E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	2.020E-03	Ci	1998	1998	N	N				8.2875E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	1.507E-02	Ci	1998	1998	N	N				2.3107E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	9.742E-07	Ci	1998	1998	N	N				1.4500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	1.121E-04	Ci	1998	1998	N	N				4.3234E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	2.439E-04	Ci	1998	1998	N	N				9.7141E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
FE-59	T	6.311E-04	Ci	1998	1998	N	N				7.8355E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	1.073E-04	Ci	1998	1998	N	N				3.3043E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	4.200E-09	Ci	1998	1998	N	N				3.5400E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-131	T	4.580E-09	Ci	1998	1998	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
LA-140	T	0.000E+00	Ci	1998	1998	N	N				1.0428E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	1.434E-03	Ci	1998	1998	N	N				3.1372E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NA-22	T	3.119E-04	Ci	1998	1998	N	N				4.7942E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NB-94	T	2.279E-07	Ci	1998	1998	N	N				5.4000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NB-95	T	3.484E-05	Ci	1998	1998	N	N				7.8930E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NI-59	T	1.764E-05	Ci	1998	1998	N	N				6.8240E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NI-63	T	3.272E-03	Ci	1998	1998	N	N				1.9450E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NP-237	T	1.927E-07	Ci	1998	1998	N	N				9.5000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PA-231	T	8.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	1.228E-04	Ci	1998	1998	N	N				6.0144E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	1.810E-04	Ci	1998	1998	N	N				8.9366E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-240	T	1.810E-04	Ci	1998	1998	N	N				7.3262E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	2.208E-05	Ci	1998	1998	N	N				6.3121E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-242	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RA-226	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RA-228	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	9.657E-03	Ci	1998	1998	N	N				4.9748E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-124	T	1.228E-06	Ci	1998	1998	N	N				6.1400E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	4.466E-04	Ci	1998	1998	N	N				1.8345E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SN-113	T	2.907E-05	Ci	1998	1998	N	N				1.4302E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SN-117M	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-89	T	8.837E-03	Ci	1998	1998	N	N				5.2296E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	1.404E-02	Ci	1998	1998	N	N				8.3017E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TA-182	T	4.583E-05	Ci	1998	1998	N	N				1.0763E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	2.045E-06	Ci	1998	1998	N	N				3.2000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-INC-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TE-132	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-228	T	8.380E-09	Ci	1998	1998	N	N				4.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-229	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-230	T	1.020E-09	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-232	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-232	T	2.366E-08	Ci	1998	1998	N	N				1.1000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-INC-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-233	T	5.681E-04	Ci	1998	1998	N	N				2.8050E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	5.681E-04	Ci	1998	1998	N	N				2.8049E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	2.725E-05	Ci	1998	1998	N	N				1.3454E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-238	T	5.324E-04	Ci	1998	1998	N	N				2.6287E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	1.362E-02	Ci	1998	1998	N	N				8.0520E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	2.029E-02	Ci	1998	1998	N	N				1.0145E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: ANL-TBS-1 LLW generated from a treatability study. Radioactive comtaminated mercury light tubes crushed and mixed with chemically bonded phosphate ceramic technology for stabilization.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1998 Ending year: 1998 Annual or Total over all years: T

(9) Waste stream volume: 0.06000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 15
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: O Unknown.
(5) Waste container type: BLM
(6) Other characteristics of interest:
(7) Comments: 4. Plastic liner used at the discretion of the generator.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for ANL.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

RWMIS		Generator forecasts	Reports
Sample analysis data	X	Other database	Interview
		Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, scaling factors were applied for a better best estimate.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: ANL-TBS-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AG-110M	T	3.490E-09	Ci	1998	1998	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-140	T	1.307E-08	Ci	1998	1998	N	N				7.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	7.600E-10	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CE-144	T	1.868E-04	Ci	1998	1998	N	N				7.7033E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	7.520E-07	Ci	1998	1998	N	N				7.5000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-TBS-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-58	T	1.511E-05	Ci	1998	1998	N	N				2.5140E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	1.085E-06	Ci	1998	1998	N	N				2.4500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	1.274E-07	Ci	1998	1998	N	N				2.5000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	2.956E-06	Ci	1998	1998	N	N				1.2120E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	3.940E-05	Ci	1998	1998	N	N				6.0410E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	2.550E-09	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-TBS-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-154	T	3.940E-07	Ci	1998	1998	N	N				1.5190E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	1.280E-07	Ci	1998	1998	N	N				5.0000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-59	T	7.930E-08	Ci	1998	1998	N	N				9.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	2.806E-07	Ci	1998	1998	N	N				8.6390E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	1.000E-11	Ci	1998	1998	N	N				9.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-131	T	1.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-TBS-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
LA-140	T	0.000E+00	Ci	1998	1998	N	N				2.7265E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	1.309E-05	Ci	1998	1998	N	N				2.8630E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NA-22	T	3.919E-08	Ci	1998	1998	N	N				6.0000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	3.000E-11	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	1.700E-10	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	2.220E-09	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-TBS-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	1.076E-07	Ci	1998	1998	N	N				6.3000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PB-210	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-228	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	2.525E-05	Ci	1998	1998	N	N				1.3006E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SB-124	T	3.210E-09	Ci	1998	1998	N	N				1.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: ANL-TBS-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-125	T	2.631E-06	Ci	1998	1998	N	N				1.0800E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SN-113	T	7.599E-08	Ci	1998	1998	N	N				3.7000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SN-117M	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SR-89	T	2.310E-05	Ci	1998	1998	N	N				1.3672E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SR-90	T	3.560E-05	Ci	1998	1998	N	N				2.1051E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TA-182	T	1.198E-07	Ci	1998	1998	N	N				2.8000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: ANL-TBS-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TC-99	T	5.350E-09	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
TE-132	T	0.000E+00	Ci	1998	1998	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
Y-90	T	3.560E-05	Ci	1998	1998	N	N				2.1051E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
ZR-95	T	5.420E-08	Ci	1998	1998	N	N				2.7000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

ARA

PART A - GENERAL INFORMATION

(1) Preparer: ML (2) Date Prepared: 01/30/01
(3,4,5,6) Waste Stream: ARA-627-1 Soil / Gravel / Brick / Concrete Rubble
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1994 Annual or Total over all years: T

(9) Waste stream volume: 101.36000 Units*: M Container or Waste volume: C
(10) Comments: This waste is derived from D&D activities.

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 41 43
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: PB3
(6) Other characteristics of interest:
(7) Comments: Content Code: S71

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for Uncertainty: See document text for explaination in "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: ARA-627-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-137	T	1.115E-01	Ci	1994	1994	N	N				6.6888E-01

Basis for Uncertainty: See additional information.
Physical Form: Unknown Chemical Form: Unknown

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

CFA

PART A - GENERAL INFORMATION

(1) Preparer: ML (2) Date Prepared: 01/30/01
(3,4,5,6) Waste Stream: CFA-690-1 Metal - steel, stainless
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1995 Ending year: 1996 Annual or Total over all years: T

(9) Waste stream volume: 7.65400 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 10
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown:
(5) Waste container type: BXW
(6) Other characteristics of interest:
(7) Comments: Container Type: Primarily BXW but also RDL and RD5
Content Code: M32 (metal ingot - steel, carbon), M33 (metal - steal, stainless), G21 (glass)
Waste Stream Description: WMH-29-94, FPH-143-96

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for Uncertainty: See document text for explanation in "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: CFA-690-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SR-89	T	2.000E-06	Ci	1995	1995	N	N				1.2000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SR-90	T	2.000E-06	Ci	1995	1995	N	N				1.2000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AC-227	T	7.000E-07	Ci	1996	1996	N	N				4.2000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AM-241	T	4.300E-06	Ci	1996	1996	N	N				2.5800E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
AM-243	T	2.700E-07	Ci	1996	1996	N	N				1.6200E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
BA-133	T	7.340E-06	Ci	1996	1996	N	N				4.4040E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: CFA-690-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
BI-210	T	1.800E-08	Ci	1996	1996	N	N				1.1000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
C-14	T	1.400E-01	Ci	1996	1996	N	N				8.4000E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CO-60	T	1.400E-03	Ci	1996	1996	N	N				2.8000E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CS-137	T	1.200E-05	Ci	1996	1996	N	N				2.4000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
EU-152	T	2.100E-07	Ci	1996	1996	N	N				1.2600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
H-3	T	9.100E-03	Ci	1996	1996	N	N				5.4600E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: CFA-690-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	1.500E-02	Ci	1996	1996	N	N				3.0000E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PM-147	T	3.800E-06	Ci	1996	1996	N	N				2.2800E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PR-144	T	2.000E-07	Ci	1996	1996	N	N				1.2000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-236	T	8.000E-11	Ci	1996	1996	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	7.800E-07	Ci	1996	1996	N	N				4.6800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	5.400E-07	Ci	1996	1996	N	N				3.2400E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-690-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-242	T	3.500E-08	Ci	1996	1996	N	N				2.1000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	1.200E-03	Ci	1996	1996	N	N				1.2000E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	1.800E-06	Ci	1996	1996	N	N				1.0800E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SN-123	T	5.400E-08	Ci	1996	1996	N	N				3.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	2.560E+00	Ci	1996	1996	N	N				1.5360E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	2.600E-06	Ci	1996	1996	N	N				1.5600E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-690-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-230	T	2.600E-08	Ci	1996	1996	N	N				3.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-232	T	2.300E-04	Ci	1996	1996	N	N				2.3000E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-232	T	6.200E-07	Ci	1996	1996	N	N				6.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	4.600E-07	Ci	1996	1996	N	N				4.6000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	1.100E-06	Ci	1996	1996	N	N				1.1000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-238	T	8.900E-06	Ci	1996	1996	N	N				8.9000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: ML (2) Date Prepared: 01/30/01
(3,4,5,6) Waste Stream: CFA-691-1 Sludge
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1994 Annual or Total over all years: T

(9) Waste stream volume: 41.68000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 11
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: PB3
(6) Other characteristics of interest:
(7) Comments: 5. Container Type: PB3 and BXW
Content Code: S41
Waste Stream Description: CFA sludge (in 3 times for 617, 669, 691)

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for Uncertainty: See document text for explanation in "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: CFA-691-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-60	T	1.522E-05	Ci	1994	1994	N	N				3.0450E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CS-137	T	6.685E-05	Ci	1994	1994	N	N				1.3370E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-234	T	1.135E-05	Ci	1994	1994	N	N				1.1350E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-235	T	4.480E-06	Ci	1994	1994	N	N				4.4800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: ML (2) Date Prepared: 01/30/01
(3,4,5,6) Waste Stream: CFA-EBR-2 ER-WMO LLW concrete
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1998 Ending year: 1998 Annual or Total over all years: T

(9) Waste stream volume: 12.69000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 41
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown:
(5) Waste container type: CW
(6) Other characteristics of interest:
(7) Comments:

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for Uncertainty: See document text for explanation in "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: CFA-EBR-2

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	2.890E-06	Ci	1998	1998	N	N				1.7360E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-242	T	6.900E-07	Ci	1998	1998	N	N				4.1400E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	4.300E-07	Ci	1998	1998	N	N				2.5800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	1.439E-04	Ci	1998	1998	N	N				8.6340E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	2.600E-07	Ci	1998	1998	N	N				1.5500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	1.720E-06	Ci	1998	1998	N	N				1.0340E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-EBR-2

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-240	T	1.530E-06	Ci	1998	1998	N	N				9.1700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	3.270E-06	Ci	1998	1998	N	N				3.2700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	8.010E-06	Ci	1998	1998	N	N				8.0100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-232	T	3.710E-06	Ci	1998	1998	N	N				3.7100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	1.911E-04	Ci	1998	1998	N	N				1.9110E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	5.610E-06	Ci	1998	1998	N	N				5.6100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-EBR-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-238	T	6.191E-05	Ci	1998	1998	N	N				6.1910E-05

Basis for Uncertainty: See additional information
Physical Form: Unknown Chemical Form: Unknown

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: ML (2) Date Prepared: 01/30/01
(3,4,5,6) Waste Stream: CFA-EBR-3 ER-WMO LLW steel
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1998 Ending year: 1998 Annual or Total over all years: T

(9) Waste stream volume: 63.43000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 10
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown:
(5) Waste container type: CW
(6) Other characteristics of interest:
(7) Comments:

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for Uncertainty: See document text for explanation in "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: CFA-EBR-3

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	1.390E-06	Ci	1998	1998	N	N				8.3600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-242	T	3.400E-07	Ci	1998	1998	N	N				2.0300E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	2.100E-07	Ci	1998	1998	N	N				1.2700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	7.060E-05	Ci	1998	1998	N	N				4.2360E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-234	T	2.850E-04	Ci	1998	1998	N	N				1.7100E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-234M	T	2.940E-04	Ci	1998	1998	N	N				1.7640E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-EBR-3

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-238	T	1.300E-07	Ci	1998	1998	N	N				7.6000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	8.400E-07	Ci	1998	1998	N	N				5.0600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-240	T	8.400E-07	Ci	1998	1998	N	N				5.0600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	1.610E-06	Ci	1998	1998	N	N				1.6100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	3.920E-06	Ci	1998	1998	N	N				3.9200E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-232	T	1.820E-06	Ci	1998	1998	N	N				1.8200E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-EBR-3

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-234	T	5.790E-04	Ci	1998	1998	N	N				5.7900E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-234	T	1.699E-03	Ci	1998	1998	N	N				1.6988E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-235	T	8.439E-05	Ci	1998	1998	N	N				8.4390E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-238	T	7.583E-04	Ci	1998	1998	N	N				7.5832E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: ML (2) Date Prepared: 01/30/01
(3,4,5,6) Waste Stream: CFA-FPH-1 Any combination of paving, roofing, soil / gravel, brick and concrete rubble.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1995 Ending year: 1995 Annual or Total over all years: T

(9) Waste stream volume: 48.74000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 41 43
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: PB3
(6) Other characteristics of interest:
(7) Comments: 5. Waste container type also BXW.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for Uncertainty: See document text for explanation in "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: CFA-FPH-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AG-108	T	1.620E-04	Ci	1995	1995	N	N				9.7212E-04
						Basis for Uncertainty: Physical Form: ?			Chemical Form: ?		
AM-241	T	1.032E-04	Ci	1995	1995	N	N				6.1942E-04
						Basis for Uncertainty:					
BA-137M	T	1.748E-02	Ci	1995	1995	N	N				1.0486E-01
						Basis for Uncertainty:					
CO-60	T	3.155E-04	Ci	1995	1995	N	N				6.3100E-04
						Basis for Uncertainty:					
CS-137	T	1.848E-02	Ci	1995	1995	N	N				3.6956E-02
						Basis for Uncertainty:					
EU-152	T	1.135E-04	Ci	1995	1995	N	N				6.8100E-04
						Basis for Uncertainty:					
PU-238	T	1.547E-04	Ci	1995	1995	N	N				9.2826E-04
						Basis for Uncertainty:					
PU-239	T	1.887E-04	Ci	1995	1995	N	N				1.1323E-03
						Basis for Uncertainty:					

Waste Stream: CFA-FPH-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SR-90	T	4.796E-04	Ci	1995	1995	N	N				2.8777E-03
						Basis for Uncertainty:					
U-235	T	3.602E-05	Ci	1995	1995	N	N				3.6020E-05
						Basis for Uncertainty:					
U-238	T	5.593E-05	Ci	1995	1995	N	N				5.5930E-05
						Basis for Uncertainty:					

Footnotes:

* If sample data are available, mark Y in the column titled "Samples?" and provide the number of samples in the next column and standard deviation in the next column. If not, mark N and give minimum value and maximum value.

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: ML (2) Date Prepared: 01/30/01
(3,4,5,6) Waste Stream: CFA-RWM-1 CFA STP non-painted concrete rubble, drying beds soils, clarifier piping, and trickle filter bricks.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1998 Ending year: 1999 Annual or Total over all years: T

(9) Waste stream volume: 615.51000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 41 43, 10
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown:
(5) Waste container type: CM
(6) Other characteristics of interest:
(7) Comments: 5. Waste container type also: BA, CW, and DM.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for Uncertainty: See document text for explanation in "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AC-227	T	6.720E-08	Ci	1998	1998	N	N				4.0000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	5.430E-05	Ci	1998	1998	N	N				3.2580E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-137	T	1.870E-03	Ci	1998	1998	N	N				1.1220E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-137M	T	4.341E-03	Ci	1998	1998	N	N				2.6044E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	1.125E-05	Ci	1998	1998	N	N				6.7520E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	1.089E-02	Ci	1998	1998	N	N				2.1788E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-134	T	4.360E-05	Ci	1998	1998	N	N				2.6160E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	5.536E-03	Ci	1998	1998	N	N				3.3218E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	1.455E-04	Ci	1998	1998	N	N				8.7300E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	1.291E-04	Ci	1998	1998	N	N				7.7442E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	2.457E-04	Ci	1998	1998	N	N				1.4742E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	1.125E-02	Ci	1998	1998	N	N				2.2505E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-59	T	1.125E-04	Ci	1998	1998	N	N				6.7516E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	1.125E-02	Ci	1998	1998	N	N				2.2505E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-231	T	6.720E-08	Ci	1998	1998	N	N				4.0000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-234	T	1.820E-06	Ci	1998	1998	N	N				1.0930E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-234M	T	1.135E-03	Ci	1998	1998	N	N				6.8100E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PM-147	T	2.429E-02	Ci	1998	1998	N	N				1.4574E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-238	T	7.000E-05	Ci	1998	1998	N	N				4.2000E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-239	T	2.666E-03	Ci	1998	1998	N	N				1.5996E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RA-226	T	9.610E-04	Ci	1998	1998	N	N				9.6100E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-103	T	7.130E-05	Ci	1998	1998	N	N				4.2780E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	7.660E-05	Ci	1998	1998	N	N				4.5960E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	1.151E-04	Ci	1998	1998	N	N				6.9060E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SR-90	T	1.199E-02	Ci	1998	1998	N	N				7.1940E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-231	T	6.720E-05	Ci	1998	1998	N	N				6.7200E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-234	T	1.135E-03	Ci	1998	1998	N	N				1.1350E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	6.000E-04	Ci	1998	1998	N	N				6.0000E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	6.720E-05	Ci	1998	1998	N	N				6.7200E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-238	T	1.135E-03	Ci	1998	1998	N	N				1.1350E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
Y-90	T	1.198E-02	Ci	1998	1998	N	N				7.1880E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZN-65	T	9.408E-05	Ci	1998	1998	N	N				5.6448E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AC-227	T	1.400E-07	Ci	1999	1999	N	N				8.4000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	1.061E-04	Ci	1999	1999	N	N				6.3678E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-137M	T	9.423E-03	Ci	1999	1999	N	N				5.6536E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	2.027E-05	Ci	1999	1999	N	N				1.2161E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-60	T	2.027E-02	Ci	1999	1999	N	N				4.0534E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	6.449E-05	Ci	1999	1999	N	N				3.8695E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	1.012E-02	Ci	1999	1999	N	N				2.0241E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	2.642E-04	Ci	1999	1999	N	N				1.5849E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	2.421E-04	Ci	1999	1999	N	N				1.4524E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	4.456E-04	Ci	1999	1999	N	N				2.6738E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
FE-55	T	2.032E-02	Ci	1999	1999	N	N				4.0642E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	2.023E-04	Ci	1999	1999	N	N				1.2136E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	2.032E-02	Ci	1999	1999	N	N				4.0642E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-231	T	2.030E-06	Ci	1999	1999	N	N				1.2160E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-234	T	3.270E-06	Ci	1999	1999	N	N				1.9650E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-234M	T	2.082E-03	Ci	1999	1999	N	N				1.2494E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PM-147	T	4.341E-02	Ci	1999	1999	N	N				2.6049E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	1.264E-04	Ci	1999	1999	N	N				7.5816E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	4.832E-03	Ci	1999	1999	N	N				2.8994E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-240	T	1.900E-07	Ci	1999	1999	N	N				1.1600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	1.748E-03	Ci	1999	1999	N	N				1.7479E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-103	T	1.294E-04	Ci	1999	1999	N	N				7.7609E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
RU-106	T	1.390E-04	Ci	1999	1999	N	N				8.3382E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	1.887E-04	Ci	1999	1999	N	N				1.1320E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SR-90	T	2.173E-02	Ci	1999	1999	N	N				1.3036E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-231	T	1.403E-04	Ci	1999	1999	N	N				1.4026E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TH-234	T	2.079E-03	Ci	1999	1999	N	N				2.0788E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-234	T	1.094E-03	Ci	1999	1999	N	N				1.0940E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: CFA-RWM-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-235	T	1.403E-04	Ci	1999	1999	N	N				1.4026E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-238	T	2.079E-03	Ci	1999	1999	N	N				2.0788E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	2.173E-02	Ci	1999	1999	N	N				1.3036E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZN-65	T	3.592E-05	Ci	1999	1999	N	N				2.1550E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

CPP

PART A - GENERAL INFORMATION

(1) Preparer: JDG (2) Date Prepared: 02/15/01
(3,4,5,6) Waste Stream: CPP-ALL-1 Contact handled LLW generated at ICPP.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1999 Annual or Total over all years: T

(9) Waste stream volume: 2,281.70000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 10 21, 41, 42, 43, 44, 47
(2) Details on physical form:

(3) Chemical form: Unknown
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: U
(5) Waste container type: CW
(6) Other characteristics of interest:
(7) Comments: 5. Waste container types also listed: BXW, PB3, CM, DM, SE1. (SE1 = 1.27 cubic meters. SE1 designation given by SEG which stands for something like Science Ecology Group.)

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty discussed in document under "INTEC".

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Scaling factors used to update unknown radionuclides.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: CPP-ALL-1

CAS Number	(A) (T)	Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
1332-21-4		T	1.960E+06	Gm	1994	1994	N	N			1.9600E+06	2.9400E+06
Asbestos							Basis for Uncertainty: Professional Judgement. Physical Form: Unknown Chemical Form:Unknown					
1332-21-4		T	7.440E+05	Gm	1995	1995	N	N			7.4400E+05	1.1160E+06
Asbestos							Basis for Uncertainty: Professional Judgement. Physical Form: Unknown Chemical Form:Unknown					
1332-21-4		T	2.550E+05	Gm	1996	1996	N	N			2.5500E+05	3.8250E+05
Asbestos							Basis for Uncertainty: Professional Judgement. Physical Form: Unknown Chemical Form:Unknown					
1332-21-4		T	8.730E+05	Gm	1997	1997	N	N			8.7300E+05	1.3095E+06
Asbestos							Basis for Uncertainty: Professional Judgement. Physical Form: Unknown Chemical Form:Unknown					
1332-21-4		T	1.130E+05	Gm	1998	1998	N	N			1.1300E+05	1.6950E+05
Asbestos							Basis for Uncertainty: Professional Judgement. Physical Form: Unknown Chemical Form:Unknown					
1332-21-4		T	3.150E+07	Gm	1999	1999	N	N			3.1500E+07	4.7250E+07
Asbestos							Basis for Uncertainty: Professional Judgement. Physical Form: Unknown Chemical Form:Unknown					

Footnotes:

* If sample data are available, mark Y in the column titled "Samples?" and provide the number of samples in the next column and standard deviation in the next column. If not, mark N and give minimum value and maximum value.
** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	4.138E-05	Ci	1994	1994	N	N				2.4825E-04
						Basis for Uncertainty:					
C-14	T	2.424E-05	Ci	1994	1994	N	N				1.4545E-04
						Basis for Uncertainty:					
CE-144	T	3.529E-02	Ci	1994	1994	N	N				2.1177E-01
						Basis for Uncertainty:					
CM-242	T	4.138E-05	Ci	1994	1994	N	N				2.4825E-04
						Basis for Uncertainty:					
CM-244	T	3.831E-05	Ci	1994	1994	N	N				2.2988E-04
						Basis for Uncertainty:					
CO-60	T	1.478E-02	Ci	1994	1994	N	N				2.9564E-02
						Basis for Uncertainty:					
CS-137	T	1.502E+00	Ci	1994	1994	N	N				3.0038E+00
						Basis for Uncertainty:					
EU-152	T	3.889E-02	Ci	1994	1994	N	N				2.3335E-01
						Basis for Uncertainty:					
EU-154	T	2.179E-02	Ci	1994	1994	N	N				1.3073E-01
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-155	T	7.059E-02	Ci	1994	1994	N	N				4.2354E-01
						Basis for Uncertainty:					
FE-55	T	4.198E-02	Ci	1994	1994	N	N				8.3962E-02
						Basis for Uncertainty:					
H-3	T	1.803E-03	Ci	1994	1994	N	N				1.0820E-02
						Basis for Uncertainty:					
I-129	T	3.304E-07	Ci	1994	1994	N	N				1.9800E-06
						Basis for Uncertainty:					
NI-59	T	1.258E-05	Ci	1994	1994	N	N				7.5470E-05
						Basis for Uncertainty:					
NI-63	T	7.066E-03	Ci	1994	1994	N	N				1.4132E-02
						Basis for Uncertainty:					
NP-237	T	1.837E-06	Ci	1994	1994	N	N				1.1020E-05
						Basis for Uncertainty:					
PU-238	T	2.794E-05	Ci	1994	1994	N	N				1.6764E-04
						Basis for Uncertainty:					
PU-239	T	8.275E-05	Ci	1994	1994	N	N				4.9650E-04
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-240	T	8.606E-06	Ci	1994	1994	N	N				5.1630E-05
						Basis for Uncertainty:					
PU-241	T	9.020E-03	Ci	1994	1994	N	N				5.4119E-02
						Basis for Uncertainty:					
SB-125	T	3.889E-02	Ci	1994	1994	N	N				2.3335E-01
						Basis for Uncertainty:					
SR-90	T	8.314E-01	Ci	1994	1994	N	N				4.9888E+00
						Basis for Uncertainty:					
TC-99	T	1.352E-03	Ci	1994	1994	N	N				8.1103E-03
						Basis for Uncertainty:					
U-234	T	3.227E-06	Ci	1994	1994	N	N				3.2200E-06
						Basis for Uncertainty:					
U-235	T	5.679E-05	Ci	1994	1994	N	N				5.6790E-05
						Basis for Uncertainty:					
U-236	T	1.225E-06	Ci	1994	1994	N	N				1.2200E-06
						Basis for Uncertainty:					
ZR-95	T	1.557E-02	Ci	1994	1994	N	N				9.3410E-02
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	1.307E-03	Ci	1995	1995	N	N				7.8412E-03
						Basis for Uncertainty:					
C-14	T	1.672E-04	Ci	1995	1995	N	N				1.0032E-03
						Basis for Uncertainty:					
CE-144	T	3.046E-01	Ci	1995	1995	N	N				1.8280E+00
						Basis for Uncertainty:					
CM-242	T	1.268E-02	Ci	1995	1995	N	N				7.6065E-02
						Basis for Uncertainty:					
CM-244	T	1.174E-02	Ci	1995	1995	N	N				7.0436E-02
						Basis for Uncertainty:					
CO-58	T	1.930E-02	Ci	1995	1995	N	N				1.1580E-01
						Basis for Uncertainty:					
CO-60	T	1.026E-01	Ci	1995	1995	N	N				2.0514E-01
						Basis for Uncertainty:					
CS-134	T	1.399E-05	Ci	1995	1995	N	N				8.3950E-05
						Basis for Uncertainty:					
CS-137	T	1.296E+01	Ci	1995	1995	N	N				2.5928E+01
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-152	T	3.676E+00	Ci	1995	1995	N	N				2.2058E+01
						Basis for Uncertainty:					
EU-154	T	2.390E+00	Ci	1995	1995	N	N				1.4341E+01
						Basis for Uncertainty:					
EU-155	T	5.666E-01	Ci	1995	1995	N	N				3.3997E+00
						Basis for Uncertainty:					
FE-55	T	2.913E-01	Ci	1995	1995	N	N				5.8261E-01
						Basis for Uncertainty:					
H-3	T	1.251E-02	Ci	1995	1995	N	N				7.5083E-02
						Basis for Uncertainty:					
I-129	T	2.266E-05	Ci	1995	1995	N	N				1.3597E-04
						Basis for Uncertainty:					
NI-59	T	8.729E-05	Ci	1995	1995	N	N				5.2373E-04
						Basis for Uncertainty:					
NI-63	T	4.903E-02	Ci	1995	1995	N	N				9.8060E-02
						Basis for Uncertainty:					
NP-237	T	5.606E-04	Ci	1995	1995	N	N				3.3639E-03
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-238	T	8.338E-03	Ci	1995	1995	N	N				5.0031E-02
						Basis for Uncertainty:					
PU-239	T	2.535E-02	Ci	1995	1995	N	N				1.5213E-01
						Basis for Uncertainty:					
PU-240	T	2.637E-03	Ci	1995	1995	N	N				1.5821E-02
						Basis for Uncertainty:					
PU-241	T	2.764E+00	Ci	1995	1995	N	N				1.6582E+01
						Basis for Uncertainty:					
SB-125	T	6.637E-02	Ci	1995	1995	N	N				3.9820E-01
						Basis for Uncertainty:					
SR-90	T	4.751E+00	Ci	1995	1995	N	N				2.8506E+01
						Basis for Uncertainty:					
TC-99	T	1.167E-02	Ci	1995	1995	N	N				7.0007E-02
						Basis for Uncertainty:					
U-234	T	8.399E-04	Ci	1995	1995	N	N				8.3990E-04
						Basis for Uncertainty:					
U-235	T	1.877E-05	Ci	1995	1995	N	N				1.8760E-05
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-236	T	9.894E-06	Ci	1995	1995	N	N				9.8900E-06
						Basis for Uncertainty:					
U-238	T	8.680E-06	Ci	1995	1995	N	N				8.6800E-06
						Basis for Uncertainty:					
ZR-95	T	4.255E-02	Ci	1995	1995	N	N				2.5528E-01
						Basis for Uncertainty:					
AM-241	T	2.313E-04	Ci	1996	1996	N	N				1.3878E-03
						Basis for Uncertainty:					
C-14	T	2.643E-05	Ci	1996	1996	N	N				1.5857E-04
						Basis for Uncertainty:					
CE-144	T	6.529E-02	Ci	1996	1996	N	N				3.9173E-01
						Basis for Uncertainty:					
CM-242	T	2.078E-04	Ci	1996	1996	N	N				1.2470E-03
						Basis for Uncertainty:					
CM-244	T	1.924E-04	Ci	1996	1996	N	N				1.1547E-03
						Basis for Uncertainty:					
CO-58	T	2.511E-03	Ci	1996	1996	N	N				1.5068E-02
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-60	T	1.612E-02	Ci	1996	1996	N	N				3.2231E-02
						Basis for Uncertainty:					
CS-134	T	1.178E-02	Ci	1996	1996	N	N				7.0704E-02
						Basis for Uncertainty:					
CS-137	T	2.778E+00	Ci	1996	1996	N	N				5.5565E+00
						Basis for Uncertainty:					
EU-152	T	2.759E-01	Ci	1996	1996	N	N				1.6554E+00
						Basis for Uncertainty:					
EU-154	T	1.134E-01	Ci	1996	1996	N	N				6.8074E-01
						Basis for Uncertainty:					
EU-155	T	1.259E-01	Ci	1996	1996	N	N				7.5540E-01
						Basis for Uncertainty:					
FE-55	T	4.370E-02	Ci	1996	1996	N	N				8.7401E-02
						Basis for Uncertainty:					
H-3	T	5.265E-03	Ci	1996	1996	N	N				3.1592E-02
						Basis for Uncertainty:					
I-129	T	6.112E-07	Ci	1996	1996	N	N				3.6600E-06
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-59	T	1.371E-05	Ci	1996	1996	N	N				8.2280E-05
						Basis for Uncertainty:					
NI-63	T	2.488E-02	Ci	1996	1996	N	N				4.9759E-02
						Basis for Uncertainty:					
NP-237	T	9.228E-06	Ci	1996	1996	N	N				5.5360E-05
						Basis for Uncertainty:					
PU-238	T	2.643E-04	Ci	1996	1996	N	N				1.5856E-03
						Basis for Uncertainty:					
PU-239	T	4.157E-04	Ci	1996	1996	N	N				2.4940E-03
						Basis for Uncertainty:					
PU-240	T	4.323E-05	Ci	1996	1996	N	N				2.5937E-04
						Basis for Uncertainty:					
PU-241	T	4.531E-02	Ci	1996	1996	N	N				2.7185E-01
						Basis for Uncertainty:					
SR-90	T	1.431E+00	Ci	1996	1996	N	N				8.5863E+00
						Basis for Uncertainty:					
TC-99	T	2.500E-03	Ci	1996	1996	N	N				1.5002E-02
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-229	T	3.928E-06	Ci	1996	1996	N	N				3.9200E-06
						Basis for Uncertainty:					
TH-230	T	7.128E-06	Ci	1996	1996	N	N				7.1200E-06
						Basis for Uncertainty:					
TH-232	T	9.908E-06	Ci	1996	1996	N	N				9.9000E-06
						Basis for Uncertainty:					
U-233	T	1.964E-04	Ci	1996	1996	N	N				1.9640E-04
						Basis for Uncertainty:					
U-234	T	4.754E-05	Ci	1996	1996	N	N				4.7540E-05
						Basis for Uncertainty:					
U-235	T	2.522E-04	Ci	1996	1996	N	N				2.5224E-04
						Basis for Uncertainty:					
U-236	T	4.167E-04	Ci	1996	1996	N	N				4.1670E-04
						Basis for Uncertainty:					
U-238	T	2.801E-04	Ci	1996	1996	N	N				2.8011E-04
						Basis for Uncertainty:					
ZR-95	T	2.959E-02	Ci	1996	1996	N	N				1.7756E-01
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AG-110M	T	3.370E-07	Ci	1997	1997	N	N				2.0200E-06
						Basis for Uncertainty:					
AM-241	T	9.068E-06	Ci	1997	1997	N	N				5.4400E-05
						Basis for Uncertainty:					
C-14	T	8.448E-06	Ci	1997	1997	N	N				5.0680E-05
						Basis for Uncertainty:					
CE-144	T	1.587E-02	Ci	1997	1997	N	N				9.5199E-02
						Basis for Uncertainty:					
CM-242	T	6.223E-06	Ci	1997	1997	N	N				3.7330E-05
						Basis for Uncertainty:					
CM-243	T	3.474E-07	Ci	1997	1997	N	N				2.0800E-06
						Basis for Uncertainty:					
CM-244	T	5.740E-06	Ci	1997	1997	N	N				3.4440E-05
						Basis for Uncertainty:					
CO-57	T	1.092E-06	Ci	1997	1997	N	N				6.5500E-06
						Basis for Uncertainty:					
CO-58	T	7.197E-03	Ci	1997	1997	N	N				4.3180E-02
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-60	T	5.121E-03	Ci	1997	1997	N	N				1.0243E-02
						Basis for Uncertainty:					
CS-134	T	2.409E-04	Ci	1997	1997	N	N				1.4456E-03
						Basis for Uncertainty:					
CS-137	T	6.752E-01	Ci	1997	1997	N	N				1.3503E+00
						Basis for Uncertainty:					
EU-152	T	1.205E-01	Ci	1997	1997	N	N				7.2318E-01
						Basis for Uncertainty:					
EU-154	T	4.705E-02	Ci	1997	1997	N	N				2.8230E-01
						Basis for Uncertainty:					
EU-155	T	2.921E-02	Ci	1997	1997	N	N				1.7526E-01
						Basis for Uncertainty:					
FE-55	T	1.480E-02	Ci	1997	1997	N	N				2.9603E-02
						Basis for Uncertainty:					
FE-59	T	1.104E-06	Ci	1997	1997	N	N				6.6200E-06
						Basis for Uncertainty:					
H-3	T	6.999E-04	Ci	1997	1997	N	N				4.1995E-03
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
I-129	T	1.485E-07	Ci	1997	1997	N	N				8.9000E-07
						Basis for Uncertainty:					
MN-54	T	1.177E-05	Ci	1997	1997	N	N				7.0640E-05
						Basis for Uncertainty:					
NB-95	T	3.539E-07	Ci	1997	1997	N	N				2.1200E-06
						Basis for Uncertainty:					
NI-59	T	4.358E-06	Ci	1997	1997	N	N				2.6140E-05
						Basis for Uncertainty:					
NI-63	T	2.868E-03	Ci	1997	1997	N	N				5.7351E-03
						Basis for Uncertainty:					
NP-237	T	2.752E-07	Ci	1997	1997	N	N				1.6500E-06
						Basis for Uncertainty:					
PU-238	T	1.042E-05	Ci	1997	1997	N	N				6.2540E-05
						Basis for Uncertainty:					
PU-239	T	1.240E-05	Ci	1997	1997	N	N				7.4380E-05
						Basis for Uncertainty:					
PU-240	T	1.289E-06	Ci	1997	1997	N	N				7.7300E-06
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-241	T	1.351E-03	Ci	1997	1997	N	N				8.1083E-03
						Basis for Uncertainty:					
SB-125	T	1.551E-06	Ci	1997	1997	N	N				9.3000E-06
						Basis for Uncertainty:					
SR-90	T	4.178E-01	Ci	1997	1997	N	N				2.5067E+00
						Basis for Uncertainty:					
TC-99	T	6.076E-04	Ci	1997	1997	N	N				3.6459E-03
						Basis for Uncertainty:					
TH-229	T	8.000E-08	Ci	1997	1997	N	N				8.0000E-08
						Basis for Uncertainty:					
TH-230	T	8.000E-08	Ci	1997	1997	N	N				8.0000E-08
						Basis for Uncertainty:					
TH-232	T	2.800E-07	Ci	1997	1997	N	N				2.8000E-07
						Basis for Uncertainty:					
U-233	T	5.067E-06	Ci	1997	1997	N	N				5.0600E-06
						Basis for Uncertainty:					
U-234	T	1.313E-05	Ci	1997	1997	N	N				1.3130E-05
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-235	T	1.634E-05	Ci	1997	1997	N	N				1.6340E-05
						Basis for Uncertainty:					
U-236	T	1.997E-05	Ci	1997	1997	N	N				1.9970E-05
						Basis for Uncertainty:					
U-238	T	3.867E-05	Ci	1997	1997	N	N				3.8660E-05
						Basis for Uncertainty:					
ZN-65	T	1.855E-06	Ci	1997	1997	N	N				1.1130E-05
						Basis for Uncertainty:					
ZR-95	T	7.197E-02	Ci	1997	1997	N	N				4.3183E-01
						Basis for Uncertainty:					
AM-241	T	4.145E-06	Ci	1998	1998	N	N				2.4870E-05
						Basis for Uncertainty:					
BA-137M	T	2.650E-03	Ci	1998	1998	N	N				1.5898E-02
						Basis for Uncertainty:					
C-14	T	5.387E-05	Ci	1998	1998	N	N				3.2321E-04
						Basis for Uncertainty:					
CE-144	T	9.475E-02	Ci	1998	1998	N	N				5.6850E-01
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CM-242	T	1.335E-06	Ci	1998	1998	N	N				8.0000E-06
						Basis for Uncertainty:					
CM-244	T	1.236E-06	Ci	1998	1998	N	N				7.4100E-06
						Basis for Uncertainty:					
CO-58	T	6.907E-02	Ci	1998	1998	N	N				4.1443E-01
						Basis for Uncertainty:					
CO-60	T	3.148E-02	Ci	1998	1998	N	N				6.2971E-02
						Basis for Uncertainty:					
CS-137	T	4.032E+00	Ci	1998	1998	N	N				8.0638E+00
						Basis for Uncertainty:					
EU-152	T	7.784E-01	Ci	1998	1998	N	N				4.6706E+00
						Basis for Uncertainty:					
EU-154	T	2.917E-01	Ci	1998	1998	N	N				1.7502E+00
						Basis for Uncertainty:					
EU-155	T	1.741E-01	Ci	1998	1998	N	N				1.0444E+00
						Basis for Uncertainty:					
FE-55	T	8.942E-02	Ci	1998	1998	N	N				1.7884E-01
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
H-3	T	3.841E-03	Ci	1998	1998	N	N				2.3047E-02
						Basis for Uncertainty:					
I-129	T	8.870E-07	Ci	1998	1998	N	N				5.3200E-06
						Basis for Uncertainty:					
NI-59	T	2.679E-05	Ci	1998	1998	N	N				1.6076E-04
						Basis for Uncertainty:					
NI-63	T	1.514E-02	Ci	1998	1998	N	N				3.0285E-02
						Basis for Uncertainty:					
NP-237	T	5.927E-08	Ci	1998	1998	N	N				3.5000E-07
						Basis for Uncertainty:					
PM-147	T	3.902E-05	Ci	1998	1998	N	N				2.3412E-04
						Basis for Uncertainty:					
PU-238	T	2.890E-06	Ci	1998	1998	N	N				1.7340E-05
						Basis for Uncertainty:					
PU-239	T	2.670E-06	Ci	1998	1998	N	N				1.6010E-05
						Basis for Uncertainty:					
PU-240	T	5.818E-07	Ci	1998	1998	N	N				3.4900E-06
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-241	T	2.878E-04	Ci	1998	1998	N	N				1.7265E-03
						Basis for Uncertainty:					
RA-226	T	2.177E-06	Ci	1998	1998	N	N				2.1700E-06
						Basis for Uncertainty:					
SM-151	T	2.800E-08	Ci	1998	1998	N	N				1.6000E-07
						Basis for Uncertainty:					
SR-90	T	2.533E+00	Ci	1998	1998	N	N				1.5197E+01
						Basis for Uncertainty:					
TC-99	T	3.629E-03	Ci	1998	1998	N	N				2.1772E-02
						Basis for Uncertainty:					
TH-228	T	2.833E-06	Ci	1998	1998	N	N				2.8300E-06
						Basis for Uncertainty:					
TH-230	T	2.252E-06	Ci	1998	1998	N	N				2.2500E-06
						Basis for Uncertainty:					
TH-232	T	2.215E-06	Ci	1998	1998	N	N				2.2100E-06
						Basis for Uncertainty:					
U-233	T	8.985E-07	Ci	1998	1998	N	N				8.9000E-07
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-234	T	7.362E-04	Ci	1998	1998	N	N				7.3624E-04
						Basis for Uncertainty:					
U-235	T	4.584E-05	Ci	1998	1998	N	N				4.5840E-05
						Basis for Uncertainty:					
U-236	T	7.858E-05	Ci	1998	1998	N	N				7.8570E-05
						Basis for Uncertainty:					
U-238	T	2.380E-04	Ci	1998	1998	N	N				2.3803E-04
						Basis for Uncertainty:					
Y-90	T	2.448E-04	Ci	1998	1998	N	N				1.4686E-03
						Basis for Uncertainty:					
ZR-95	T	6.907E-01	Ci	1998	1998	N	N				4.1443E+00
						Basis for Uncertainty:					
AM-241	T	5.504E-02	Ci	1999	1999	N	N				3.3027E-01
						Basis for Uncertainty:					
BA-137M	T	5.470E-01	Ci	1999	1999	N	N				3.2822E+00
						Basis for Uncertainty:					
C-14	T	4.984E-06	Ci	1999	1999	N	N				2.9900E-05
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CD-113M	T	4.332E-05	Ci	1999	1999	N	N				2.5990E-04
						Basis for Uncertainty:					
CE-144	T	4.733E-03	Ci	1999	1999	N	N				2.8401E-02
						Basis for Uncertainty:					
CM-242	T	3.310E-05	Ci	1999	1999	N	N				1.9859E-04
						Basis for Uncertainty:					
CM-244	T	3.065E-05	Ci	1999	1999	N	N				1.8389E-04
						Basis for Uncertainty:					
CO-60	T	3.112E-03	Ci	1999	1999	N	N				6.2241E-03
						Basis for Uncertainty:					
CS-134	T	4.053E-03	Ci	1999	1999	N	N				2.4318E-02
						Basis for Uncertainty:					
CS-135	T	2.768E-06	Ci	1999	1999	N	N				1.6600E-05
						Basis for Uncertainty:					
CS-137	T	6.714E-01	Ci	1999	1999	N	N				1.3428E+00
						Basis for Uncertainty:					
EU-152	T	9.229E-05	Ci	1999	1999	N	N				5.5376E-04
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-154	T	3.379E-03	Ci	1999	1999	N	N				2.0273E-02
						Basis for Uncertainty:					
EU-155	T	1.043E-02	Ci	1999	1999	N	N				6.2581E-02
						Basis for Uncertainty:					
FE-55	T	8.495E-03	Ci	1999	1999	N	N				1.6991E-02
						Basis for Uncertainty:					
H-3	T	1.491E-03	Ci	1999	1999	N	N				8.9465E-03
						Basis for Uncertainty:					
I-129	T	1.477E-07	Ci	1999	1999	N	N				8.8000E-07
						Basis for Uncertainty:					
NB-93M	T	3.256E-06	Ci	1999	1999	N	N				1.9530E-05
						Basis for Uncertainty:					
NI-59	T	4.338E-06	Ci	1999	1999	N	N				2.6020E-05
						Basis for Uncertainty:					
NI-63	T	6.853E-03	Ci	1999	1999	N	N				1.3706E-02
						Basis for Uncertainty:					
NP-237	T	1.470E-06	Ci	1999	1999	N	N				8.8100E-06
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PM-147	T	1.573E-01	Ci	1999	1999	N	N				9.4394E-01
						Basis for Uncertainty:					
PR-144	T	1.351E+00	Ci	1999	1999	N	N				8.1085E+00
						Basis for Uncertainty:					
PU-238	T	5.525E-03	Ci	1999	1999	N	N				3.3148E-02
						Basis for Uncertainty:					
PU-239	T	6.620E-05	Ci	1999	1999	N	N				3.9718E-04
						Basis for Uncertainty:					
PU-240	T	6.109E-05	Ci	1999	1999	N	N				3.6654E-04
						Basis for Uncertainty:					
PU-241	T	6.454E-03	Ci	1999	1999	N	N				3.8725E-02
						Basis for Uncertainty:					
RH-106	T	2.557E-04	Ci	1999	1999	N	N				1.5341E-03
						Basis for Uncertainty:					
RU-106	T	2.554E-04	Ci	1999	1999	N	N				1.5322E-03
						Basis for Uncertainty:					
SB-125	T	1.822E-03	Ci	1999	1999	N	N				1.0931E-02
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-126	T	1.018E-06	Ci	1999	1999	N	N				6.1000E-06
						Basis for Uncertainty:					
SE-79	T	1.258E-06	Ci	1999	1999	N	N				7.5400E-06
						Basis for Uncertainty:					
SM-147	T	0.000E+00	Ci	1999	1999	N	N				
						Basis for Uncertainty:					
SM-151	T	7.948E-03	Ci	1999	1999	N	N				4.7691E-02
						Basis for Uncertainty:					
SN-121M	T	9.550E-08	Ci	1999	1999	N	N				5.7000E-07
						Basis for Uncertainty:					
SN-126	T	1.018E-06	Ci	1999	1999	N	N				6.1000E-06
						Basis for Uncertainty:					
SR-90	T	5.270E-01	Ci	1999	1999	N	N				3.1619E+00
						Basis for Uncertainty:					
TC-99	T	2.555E-04	Ci	1999	1999	N	N				1.5329E-03
						Basis for Uncertainty:					
TE-125M	T	4.717E-04	Ci	1999	1999	N	N				2.8304E-03
						Basis for Uncertainty:					

Waste Stream: CPP-ALL-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-234	T	3.351E-02	Ci	1999	1999	N	N				3.3507E-02
						Basis for Uncertainty:					
U-235	T	1.488E-03	Ci	1999	1999	N	N				1.4878E-03
						Basis for Uncertainty:					
U-236	T	9.797E-07	Ci	1999	1999	N	N				9.7000E-07
						Basis for Uncertainty:					
Y-90	T	6.472E-01	Ci	1999	1999	N	N				3.8830E+00
						Basis for Uncertainty:					
ZR-93	T	7.561E-06	Ci	1999	1999	N	N				4.5360E-05
						Basis for Uncertainty:					

Footnotes:

* If sample data are available, mark Y in the column titled "Samples?" and provide the number of samples in the next column and standard deviation in the next column. If not, mark N and give minimum value and maximum value.

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

D&D

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: D&D-ARA-1 LLW from the decontamination and demolition of the ARA facilities. Waste stream consists primarily of contaminated metal and debris.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1999 Annual or Total over all years: T

(9) Waste stream volume: 1,804.00000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 41 10, 47, 13, 21, 44. See comments below.
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PB PL, and other. See comments below.
(5) Waste container type: BXM
(6) Other characteristics of interest:
(7) Comments: 1. Non-asbestos sheetrock, wiring and non-asbestos insulation. Approximately 2.5 cubic meters of contaminated water stabilized in Stergo.

4. No container. Material wrapped in herculite, sewn and seal heated shut.

5. Fiberglass or plastic boxes were used.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:
Basis for uncertainty is discussed in document text for NRF.

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text of "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

		Generator forecasts	Reports
X	RWMIS	X Other database	Interview
	Sample analysis data	Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: D&D-ARA-1

CAS Number	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
1332-21-4	T	3.206E+06	Gm	1996	1996	N	N			3.2065E+06	4.8097E+06
Asbestos						Basis for Uncertainty: See additional information. Physical Form: Unknown				Chemical Form:Unknown	
1332-21-4	T	1.394E+04	Gm	1997	1997	N	N			1.3941E+04	2.0912E+04
Asbestos						Basis for Uncertainty: See additional information. Physical Form: Unknown				Chemical Form:Unknown	
1332-21-4	T	5.019E+05	Gm	1998	1998	N	N			5.0188E+05	7.5282E+05
Asbestos						Basis for Uncertainty: See additional information. Physical Form: Unknown				Chemical Form:Unknown	

Footnotes:

* If sample data are available, mark Y in the column titled "Samples?" and provide the number of samples in the next column and standard deviation in the next column. If not, mark N and give minimum value and maximum value.

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-137	T	8.514E-04	Ci	1994	1994	N	N				1.7028E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	1.270E-01	Ci	1994	1994	N	N				7.6210E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	2.108E-03	Ci	1995	1995	N	N				4.2169E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	3.163E-01	Ci	1995	1995	N	N				1.8976E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	1.171E-02	Ci	1996	1996	N	N				2.3413E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	2.727E-01	Ci	1996	1996	N	N				1.6360E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AG-108M	T	4.806E-02	Ci	1997	1997	N	N				2.8836E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	1.082E-03	Ci	1997	1997	N	N				6.4921E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	1.940E-03	Ci	1997	1997	N	N				1.1640E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	2.670E-08	Ci	1997	1997	N	N				1.6000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	9.812E-03	Ci	1997	1997	N	N				1.9624E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	1.132E-03	Ci	1997	1997	N	N				6.7920E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-137	T	3.629E-01	Ci	1997	1997	N	N				7.2572E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	6.540E-03	Ci	1997	1997	N	N				3.9240E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	3.430E-04	Ci	1997	1997	N	N				2.0580E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	2.090E-04	Ci	1997	1997	N	N				1.2540E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	1.560E-03	Ci	1997	1997	N	N				3.1200E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	1.182E-05	Ci	1997	1997	N	N				7.0920E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-59	T	3.010E-05	Ci	1997	1997	N	N				1.8060E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	6.160E-03	Ci	1997	1997	N	N				1.2320E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NP-237	T	2.540E-05	Ci	1997	1997	N	N				1.5240E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	2.210E-04	Ci	1997	1997	N	N				1.3262E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	3.250E-03	Ci	1997	1997	N	N				1.9500E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-240	T	2.720E-08	Ci	1997	1997	N	N				1.6000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-241	T	1.440E-03	Ci	1997	1997	N	N				8.6400E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	3.950E-03	Ci	1997	1997	N	N				3.9500E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	1.396E-01	Ci	1997	1997	N	N				8.3768E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	3.770E-02	Ci	1997	1997	N	N				2.2620E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	4.371E-06	Ci	1997	1997	N	N				4.3700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	9.184E-06	Ci	1997	1997	N	N				9.1800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-232	T	3.751E-06	Ci	1997	1997	N	N				3.7500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	3.249E-05	Ci	1997	1997	N	N				3.2490E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	3.871E-06	Ci	1997	1997	N	N				3.8700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-236	T	0.000E+00	Ci	1997	1997	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-238	T	1.091E-05	Ci	1997	1997	N	N				1.0910E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AG-110M	T	3.100E-07	Ci	1998	1998	N	N				1.8600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	1.475E-02	Ci	1998	1998	N	N				8.8523E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-133	T	8.500E-06	Ci	1998	1998	N	N				5.1000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-137M	T	3.748E+00	Ci	1998	1998	N	N				2.2490E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	1.245E-01	Ci	1998	1998	N	N				7.4710E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	5.400E-08	Ci	1998	1998	N	N				3.2000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	1.096E-01	Ci	1998	1998	N	N				2.1919E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-134	T	7.838E-03	Ci	1998	1998	N	N				4.7025E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	4.300E+00	Ci	1998	1998	N	N				8.5997E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	7.643E-02	Ci	1998	1998	N	N				4.5860E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	5.458E-03	Ci	1998	1998	N	N				3.2749E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	3.571E-03	Ci	1998	1998	N	N				2.1424E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	1.880E-02	Ci	1998	1998	N	N				3.7594E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
I-129	T	1.352E-04	Ci	1998	1998	N	N				8.1111E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	3.300E-09	Ci	1998	1998	N	N				1.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	1.609E-03	Ci	1998	1998	N	N				9.6564E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	6.199E-04	Ci	1998	1998	N	N				3.7194E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	6.881E-02	Ci	1998	1998	N	N				1.3763E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NP-237	T	2.725E-04	Ci	1998	1998	N	N				1.6351E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PM-147	T	2.021E+01	Ci	1998	1998	N	N				1.2127E+02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-238	T	2.745E-03	Ci	1998	1998	N	N				1.6468E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-239	T	3.610E-02	Ci	1998	1998	N	N				2.1659E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-240	T	1.413E-02	Ci	1998	1998	N	N				8.4768E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-241	T	4.425E-02	Ci	1998	1998	N	N				2.6551E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RA-226	T	4.965E-02	Ci	1998	1998	N	N				4.9648E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-125	T	1.400E-08	Ci	1998	1998	N	N				8.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	1.659E+00	Ci	1998	1998	N	N				9.9521E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	4.720E-01	Ci	1998	1998	N	N				2.8318E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	5.257E-05	Ci	1998	1998	N	N				5.2570E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	1.081E-02	Ci	1998	1998	N	N				1.0810E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-232	T	4.550E-05	Ci	1998	1998	N	N				4.5500E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-234	T	5.993E-05	Ci	1998	1998	N	N				5.9930E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-228	T	2.400E-08	Ci	1998	1998	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-234	T	5.760E-04	Ci	1998	1998	N	N				5.7602E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-235	T	5.533E-05	Ci	1998	1998	N	N				5.5330E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
U-238	T	1.540E-04	Ci	1998	1998	N	N				1.5402E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
Y-90	T	9.896E-01	Ci	1998	1998	N	N				5.9377E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
ZN-65	T	6.100E-09	Ci	1998	1998	N	N				3.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AC-227	T	5.233E-08	Ci	1999	1999	N	N				3.1000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AG-108M	T	4.200E-05	Ci	1999	1999	N	N				2.5200E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	3.090E-03	Ci	1999	1999	N	N				1.8538E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-137M	T	1.678E+00	Ci	1999	1999	N	N				1.0065E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	2.501E-03	Ci	1999	1999	N	N				1.5008E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-57	T	1.400E-06	Ci	1999	1999	N	N				8.4000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	1.253E-02	Ci	1999	1999	N	N				2.5056E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	4.021E-02	Ci	1999	1999	N	N				2.4128E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	1.793E+00	Ci	1999	1999	N	N				3.5864E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	1.504E-02	Ci	1999	1999	N	N				9.0237E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	9.508E-04	Ci	1999	1999	N	N				5.7048E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-155	T	3.810E-04	Ci	1999	1999	N	N				2.2860E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
FE-55	T	3.965E-03	Ci	1999	1999	N	N				7.9299E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
H-3	T	8.000E+01	Ci	1999	1999	N	N				4.8000E+02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
I-129	T	1.080E-05	Ci	1999	1999	N	N				6.4800E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
MN-54	T	2.378E-05	Ci	1999	1999	N	N				1.4269E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NA-22	T	1.100E-06	Ci	1999	1999	N	N				6.6000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-59	T	8.631E-05	Ci	1999	1999	N	N				5.1786E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	2.343E-02	Ci	1999	1999	N	N				4.6852E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NP-237	T	2.518E-05	Ci	1999	1999	N	N				1.5110E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-231	T	8.560E-04	Ci	1999	1999	N	N				5.1363E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-233	T	2.007E-06	Ci	1999	1999	N	N				1.2040E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-234	T	8.560E-04	Ci	1999	1999	N	N				5.1362E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PA-234M	T	1.225E-04	Ci	1999	1999	N	N				7.3493E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PM-147	T	4.892E+00	Ci	1999	1999	N	N				2.9354E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	5.418E-04	Ci	1999	1999	N	N				3.2512E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	5.846E-03	Ci	1999	1999	N	N				3.5076E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	6.809E-02	Ci	1999	1999	N	N				4.0854E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RA-226	T	1.657E-02	Ci	1999	1999	N	N				1.6566E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SR-90	T	1.321E+00	Ci	1999	1999	N	N				7.9264E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	1.326E-01	Ci	1999	1999	N	N				7.9531E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	8.155E-05	Ci	1999	1999	N	N				8.1550E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	8.604E-05	Ci	1999	1999	N	N				8.6030E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-231	T	5.233E-05	Ci	1999	1999	N	N				5.2330E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-232	T	7.278E-05	Ci	1999	1999	N	N				7.2770E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-ARA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-234	T	1.278E-04	Ci	1999	1999	N	N				1.2779E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	1.924E-04	Ci	1999	1999	N	N				1.9243E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	5.579E-05	Ci	1999	1999	N	N				5.5780E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-238	T	1.323E-04	Ci	1999	1999	N	N				1.3229E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	1.632E+00	Ci	1999	1999	N	N				9.7947E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: D&D-CFA-1 Building debris in the form of concrete rubble with some wiring and wood from he demolition of CFA's Old Laundry.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1994 Annual or Total over all years: T

(9) Waste stream volume: 107.00000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 21 41, and wiring.
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: BXW
(6) Other characteristics of interest:
(7) Comments: 5. Waste container type also PB3.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text of "Other Generators."

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

X RWMIS	Generator forecasts	Reports
Sample analysis data	Other database	Interview
	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: D&D-CFA-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-60	T	1.168E-02	Ci	1994	1994	N	N				2.3353E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	2.104E-03	Ci	1994	1994	N	N				4.2078E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	2.104E-03	Ci	1994	1994	N	N				1.2624E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: D&D-D&D-1 Primarily wood with some metal generated from demolition of unknown building.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1998 Ending year: 1999 Annual or Total over all years: T

(9) Waste stream volume: 2,422.00000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 21 10
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: BXW
(6) Other characteristics of interest:
(7) Comments:

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

RWMIS		Generator forecasts	Reports
	X	Other database	Interview
Sample analysis data		Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: D&D-D&D-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
BA-137M	T	1.560E-05	Ci	1998	1998	N	N				9.3600E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	1.284E-02	Ci	1998	1998	N	N				2.5672E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	1.285E-02	Ci	1998	1998	N	N				2.5698E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	7.183E-07	Ci	1998	1998	N	N				1.4300E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	1.644E-07	Ci	1998	1998	N	N				9.8000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	1.121E-02	Ci	1998	1998	N	N				6.7279E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-D&D-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
Y-90	T	2.339E-03	Ci	1998	1998	N	N				1.4034E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-137M	T	1.085E-05	Ci	1999	1999	N	N				6.5100E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	7.157E-05	Ci	1999	1999	N	N				1.4314E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	2.202E-05	Ci	1999	1999	N	N				4.4040E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	2.082E-05	Ci	1999	1999	N	N				4.1640E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	5.940E-06	Ci	1999	1999	N	N				1.1880E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-D&D-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
RU-106	T	1.360E-06	Ci	1999	1999	N	N				8.1600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	3.314E-03	Ci	1999	1999	N	N				1.9884E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	1.628E-03	Ci	1999	1999	N	N				9.7680E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: D&D-EBRI-1 Waste generated from demolition activities of EBRI primarily in the form of metals.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1997 Ending year: 1997 Annual or Total over all years: T

(9) Waste stream volume: 45.30000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 10 11
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: PB3
(6) Other characteristics of interest:
(7) Comments: 5. Waste container type also BXW.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for NRF,

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

	Generator forecasts	Reports
X RWMIS	Other database	Interview
Sample analysis data	Expert judgment	Operating records
	Other:	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: N
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: D&D-EBRI-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	1.974E-06	Ci	1997	1997	N	N				1.1840E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-242	T	4.782E-07	Ci	1997	1997	N	N				2.8600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	2.989E-07	Ci	1997	1997	N	N				1.7900E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	9.590E-06	Ci	1997	1997	N	N				1.9180E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	9.983E-05	Ci	1997	1997	N	N				5.9898E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PA-233	T	1.534E-03	Ci	1997	1997	N	N				9.2040E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-EBRI-1

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PA-234	T	1.767E-03	Ci	1997	1997	N	N				1.0602E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	1.793E-07	Ci	1997	1997	N	N				1.0700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	1.196E-06	Ci	1997	1997	N	N				7.1700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-228	T	2.221E-06	Ci	1997	1997	N	N				2.2200E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-230	T	5.557E-06	Ci	1997	1997	N	N				5.5500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TH-232	T	2.572E-06	Ci	1997	1997	N	N				2.5700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: D&D-EBRI-1

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TH-234	T	3.415E-03	Ci	1997	1997	N	N				3.4149E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-234	T	2.347E-04	Ci	1997	1997	N	N				2.3470E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	7.061E-05	Ci	1997	1997	N	N				7.0600E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-238	T	8.909E-05	Ci	1997	1997	N	N				8.9090E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

NRF

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: NRF-601-2 Contaminated soil, gravel, brick, and concrete rubble from the demolition and decommissioning of the SIW evaporation pond.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1996 Annual or Total over all years: T

(9) Waste stream volume: 63.00000 Units*: M Container or Waste volume: C
(10) Comments: 8. No disposals in 1995.

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 43 41
(2) Details on physical form:

(3) Chemical form: Unknown
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: BLM
(6) Other characteristics of interest:
(7) Comments: 5. Waste container type also: BXW. 2X4X8 plywood box.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for NRF.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

		Generator forecasts	Reports
X	RWMIS	X Other database	Interview
	Sample analysis data	Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, as explained in text of document, scaling factors were applied for a better curie estimate.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: NRF-601-2

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
C-14	T	6.609E-08	Ci	1994	1994	N	N				1.6000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	5.900E-10	Ci	1994	1994	N	N				
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	1.272E-06	Ci	1994	1994	N	N				1.2700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	2.616E-05	Ci	1994	1994	N	N				6.2770E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	1.043E-04	Ci	1994	1994	N	N				2.4833E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	1.869E-06	Ci	1994	1994	N	N				4.3900E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-601-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-134	T	7.608E-03	Ci	1994	1994	N	N				7.6082E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	4.313E-03	Ci	1994	1994	N	N				9.4878E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	2.401E-03	Ci	1994	1994	N	N				2.4006E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	3.441E-01	Ci	1994	1994	N	N				3.4415E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	2.222E-01	Ci	1994	1994	N	N				2.2225E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	2.192E-03	Ci	1994	1994	N	N				5.2606E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-601-2

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
H-3	T	6.056E-02	Ci	1994	1994	N	N				1.4275E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	1.043E-07	Ci	1994	1994	N	N				3.7000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	4.178E-06	Ci	1994	1994	N	N				1.7590E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	2.306E-07	Ci	1994	1994	N	N				2.3000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	9.899E-06	Ci	1994	1994	N	N				2.3290E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	2.732E-06	Ci	1994	1994	N	N				2.7300E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-601-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	2.991E-04	Ci	1994	1994	N	N				6.9996E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	1.462E-03	Ci	1994	1994	N	N				1.4625E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	3.789E+00	Ci	1994	1994	N	N				3.7891E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SR-90	T	1.236E-04	Ci	1994	1994	N	N				2.9676E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TC-99	T	1.133E-08	Ci	1994	1994	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
Y-90	T	1.236E-04	Ci	1994	1994	N	N				2.9676E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-601-2

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
C-14	T	1.393E-03	Ci	1996	1996	N	N				3.4104E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	1.985E-08	Ci	1996	1996	N	N				1.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	4.291E-05	Ci	1996	1996	N	N				4.2910E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	8.820E-04	Ci	1996	1996	N	N				2.1169E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	3.517E-03	Ci	1996	1996	N	N				8.3738E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	6.302E-05	Ci	1996	1996	N	N				1.4828E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-601-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
FE-55	T	3.176E-02	Ci	1996	1996	N	N				7.6232E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	1.409E-04	Ci	1996	1996	N	N				5.9320E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	7.774E-06	Ci	1996	1996	N	N				7.7700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	3.338E-04	Ci	1996	1996	N	N				7.8540E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	9.214E-05	Ci	1996	1996	N	N				9.2130E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	3.460E-02	Ci	1996	1996	N	N				8.0979E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-601-2

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
TC-99	T	3.820E-07	Ci	1996	1996	N	N				8.7000E-07

Basis for Uncertainty: See additional information
Physical Form: Unknown Chemical Form: Unknown

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: NRF-618-6 Resin and resin containers removed for the NRF prototypes.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1995 Annual or Total over all years: T

(9) Waste stream volume: 4.00000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 12 10, 47
(2) Details on physical form: RWMIS states the ion exchange resin was disposed in metal containment.

(3) Chemical form: Oxide
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL
(5) Waste container type: BXW
(6) Other characteristics of interest:
(7) Comments: 5. Waste container type also O.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:
Basis for uncertainty is discussed in document text for NRF.

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for NRF.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

		Generator forecasts	Reports
X	RWMIS	X Other database	Interview
	Sample analysis data	Expert judgment	Operating records
		Other: IWTS	

Details concerning source:
Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, as explained ing text of document, scaling factors were applied for a better curie extimate.
Major unknowns in inventories of contaminants:
Key assumptions used to deal with the unknowns:

CONTINUATION
Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: NRF-618-6

CAS Number	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
1332-21-4	T	5.576E+03	Gm	1994	1994	N	N			5.5756E+03	8.3634E+03

Asbestos

Basis for Uncertainty: See additional information.
Physical Form: Unknown Chemical Form:Unknown

Footnotes:

* If sample data are available, mark Y in the column titled "Samples?" and provide the number of samples in the next column and standard deviation in the next column. If not, mark N and give minimum value and maximum value.
** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

Waste Stream: NRF-618-6

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
C-14	T	9.347E-03	Ci	1994	1994	N	N				1.3086E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	3.116E+00	Ci	1994	1994	N	N				3.1157E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	9.200E-02	Ci	1994	1994	N	N				9.2000E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	1.620E-07	Ci	1994	1994	N	N				3.7000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	8.101E-04	Ci	1994	1994	N	N				2.2433E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	1.215E-02	Ci	1994	1994	N	N				3.4272E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-6

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	9.914E-02	Ci	1994	1994	N	N				5.6310E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	4.050E-05	Ci	1994	1994	N	N				9.3470E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	8.400E-03	Ci	1995	1995	N	N				1.1760E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	2.800E+00	Ci	1995	1995	N	N				2.8000E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	1.456E-07	Ci	1995	1995	N	N				3.3000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	7.280E-04	Ci	1995	1995	N	N				2.0160E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-6

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-59	T	1.092E-02	Ci	1995	1995	N	N				3.0800E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NI-63	T	7.000E-01	Ci	1995	1995	N	N				3.9760E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TC-99	T	3.640E-05	Ci	1995	1995	N	N				8.4000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: NRF-618-7 Low-level compactible and noncompactible waste resulting from work at the prototypes, the ECF water pits, and the ECF hot cells.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1999 Annual or Total over all years: T

(9) Waste stream volume: 944.00000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 21 10, 44, 53, 41, 43, 47
(2) Details on physical form:

(3) Chemical form: Unknown
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: PL PB also
(5) Waste container type: BXW
(6) Other characteristics of interest:
(7) Comments: 1. Scrap metal: is primarily carbon steel and stainless steel. Other or 53 is for wood.

5. Waste container types also: O, PB3, BLM. Other represents unknown and cylinder. (Note: only one container was a cylinder.)

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for NRF.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

		Generator forecasts	Reports
X	RWMIS	X Other database	Interview
	Sample analysis data	Expert judgment	Operating records
		Other: IWTS	

Details concerning source:

Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, as explained in text of document, scaling factors were applied for a better curie estimate.

Major unknowns in inventories of contaminants:

Key assumptions used to deal with the unknowns:

CONTINUATION

Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: NRF-618-7

CAS Number	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
1332-21-4	T	1.886E+05	Gm	1998	1998	N	N			1.8858E+05	3.7716E+05
Asbestos						Basis for Uncertainty: Physical Form: Unknown				Chemical Form:Unknown	
1332-21-4	T	2.022E+06	Gm	1999	1999	N	N			2.0223E+06	4.0446E+06
Asbestos						Basis for Uncertainty: Physical Form: Unknown				Chemical Form:Unknown	

Footnotes:

* If sample data are available, mark Y in the column titled "Samples?" and provide the number of samples in the next column and standard deviation in the next column. If not, mark N and give minimum value and maximum value.

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	3.475E-05	Ci	1994	1994	N	N				3.4750E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-140	T	2.500E-05	Ci	1994	1994	N	N				2.5000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	5.050E-03	Ci	1994	1994	N	N				1.2368E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CE-144	T	3.800E-07	Ci	1994	1994	N	N				3.8000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	1.259E-05	Ci	1994	1994	N	N				1.2580E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	1.448E-05	Ci	1994	1994	N	N				1.4480E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-57	T	2.722E-02	Ci	1994	1994	N	N				2.7218E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	5.593E-01	Ci	1994	1994	N	N				1.3423E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	2.231E+00	Ci	1994	1994	N	N				5.3114E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	4.067E-02	Ci	1994	1994	N	N				9.5696E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	1.078E+00	Ci	1994	1994	N	N				1.0777E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	6.109E-01	Ci	1994	1994	N	N				1.3440E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-152	T	3.400E-01	Ci	1994	1994	N	N				3.4005E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
EU-154	T	4.875E+01	Ci	1994	1994	N	N				4.8749E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
EU-155	T	3.148E+01	Ci	1994	1994	N	N				3.1482E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
FE-55	T	3.408E-01	Ci	1994	1994	N	N				8.1781E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
FE-59	T	3.664E-04	Ci	1994	1994	N	N				3.6645E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
H-3	T	8.579E+00	Ci	1994	1994	N	N				2.0221E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
I-129	T	1.479E-05	Ci	1994	1994	N	N				5.3770E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	8.891E-02	Ci	1994	1994	N	N				3.7435E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	4.961E-03	Ci	1994	1994	N	N				4.9607E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	2.098E-01	Ci	1994	1994	N	N				4.9362E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	5.892E-02	Ci	1994	1994	N	N				5.8919E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	6.642E+00	Ci	1994	1994	N	N				1.5544E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-238	T	1.065E-05	Ci	1994	1994	N	N				1.0640E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-239	T	5.230E-06	Ci	1994	1994	N	N				5.2300E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-240	T	3.020E-06	Ci	1994	1994	N	N				3.0200E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-241	T	2.456E-04	Ci	1994	1994	N	N				2.4557E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	2.072E-01	Ci	1994	1994	N	N				2.0720E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-124	T	2.500E-05	Ci	1994	1994	N	N				2.5000E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-125	T	5.367E+02	Ci	1994	1994	N	N				5.3672E+02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	1.470E-01	Ci	1994	1994	N	N				3.5271E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TA-182	T	4.853E-05	Ci	1994	1994	N	N				4.8530E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	2.356E-04	Ci	1994	1994	N	N				5.3854E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	1.470E-01	Ci	1994	1994	N	N				3.5271E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	2.505E-04	Ci	1994	1994	N	N				2.5048E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	1.721E-04	Ci	1995	1995	N	N				1.7207E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-243	T	1.440E-06	Ci	1995	1995	N	N				1.4400E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
BA-140	T	2.000E-06	Ci	1995	1995	N	N				2.0000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	4.994E-01	Ci	1995	1995	N	N				1.2229E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CE-144	T	4.766E-05	Ci	1995	1995	N	N				4.7660E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	2.117E-04	Ci	1995	1995	N	N				2.1173E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CM-244	T	1.558E-04	Ci	1995	1995	N	N				1.5583E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	4.578E-01	Ci	1995	1995	N	N				4.5781E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	2.220E-01	Ci	1995	1995	N	N				5.3275E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	3.752E+01	Ci	1995	1995	N	N				8.9341E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	6.716E-01	Ci	1995	1995	N	N				1.5802E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	5.722E-02	Ci	1995	1995	N	N				5.7224E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-137	T	3.282E-02	Ci	1995	1995	N	N				7.2193E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	1.821E-02	Ci	1995	1995	N	N				1.8211E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	2.584E+00	Ci	1995	1995	N	N				2.5845E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	1.669E+00	Ci	1995	1995	N	N				1.6691E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	5.930E+01	Ci	1995	1995	N	N				1.4233E+02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-59	T	4.384E-04	Ci	1995	1995	N	N				4.3838E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
H-3	T	1.985E-01	Ci	1995	1995	N	N				4.6794E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	2.327E-06	Ci	1995	1995	N	N				8.4600E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	1.018E+00	Ci	1995	1995	N	N				4.2851E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	1.015E-02	Ci	1995	1995	N	N				1.0150E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	1.266E-02	Ci	1995	1995	N	N				2.9778E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	1.505E-01	Ci	1995	1995	N	N				1.5054E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	1.478E+01	Ci	1995	1995	N	N				3.4602E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-238	T	1.265E-04	Ci	1995	1995	N	N				1.2651E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-239	T	1.966E-05	Ci	1995	1995	N	N				1.9650E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-240	T	1.246E-05	Ci	1995	1995	N	N				1.2450E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-241	T	4.383E-03	Ci	1995	1995	N	N				4.3829E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	1.100E-02	Ci	1995	1995	N	N				1.1000E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SB-124	T	2.000E-06	Ci	1995	1995	N	N				2.0000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SB-125	T	1.254E+01	Ci	1995	1995	N	N				1.2542E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SN-113	T	4.323E-05	Ci	1995	1995	N	N				4.3220E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	2.370E-02	Ci	1995	1995	N	N				5.6890E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TA-182	T	7.086E-05	Ci	1995	1995	N	N				7.0860E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	5.029E-04	Ci	1995	1995	N	N				1.1495E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-232	T	7.030E-07	Ci	1995	1995	N	N				7.0000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	2.370E-02	Ci	1995	1995	N	N				5.6890E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	2.531E-03	Ci	1995	1995	N	N				2.5311E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	2.090E-08	Ci	1996	1996	N	N				2.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	5.440E-03	Ci	1996	1996	N	N				1.3324E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CE-144	T	2.672E-03	Ci	1996	1996	N	N				2.6720E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CL-36	T	5.383E-06	Ci	1996	1996	N	N				5.3800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	8.244E-03	Ci	1996	1996	N	N				8.2446E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	1.917E-02	Ci	1996	1996	N	N				4.6010E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	9.540E-01	Ci	1996	1996	N	N				2.2714E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	1.151E-02	Ci	1996	1996	N	N				2.7073E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	6.397E-02	Ci	1996	1996	N	N				6.3969E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-137	T	1.592E-01	Ci	1996	1996	N	N				3.5022E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
EU-152	T	8.925E-02	Ci	1996	1996	N	N				8.9255E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
EU-154	T	2.244E+00	Ci	1996	1996	N	N				2.2440E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
EU-155	T	1.508E+00	Ci	1996	1996	N	N				1.5078E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
FE-55	T	1.737E+00	Ci	1996	1996	N	N				4.1693E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	
FE-59	T	1.892E-03	Ci	1996	1996	N	N				1.8920E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown				Chemical Form: Unknown	

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
H-3	T	2.188E+00	Ci	1996	1996	N	N				5.1576E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	7.199E-07	Ci	1996	1996	N	N				2.6100E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	1.395E-02	Ci	1996	1996	N	N				5.8753E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	2.109E-03	Ci	1996	1996	N	N				2.1088E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	8.742E-02	Ci	1996	1996	N	N				2.0569E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	6.633E-03	Ci	1996	1996	N	N				6.6335E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NI-63	T	7.008E-01	Ci	1996	1996	N	N				1.6401E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-238	T	2.865E-03	Ci	1996	1996	N	N				2.8652E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
PU-241	T	7.030E-04	Ci	1996	1996	N	N				7.0300E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
RU-106	T	1.126E-02	Ci	1996	1996	N	N				1.1264E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	2.454E+01	Ci	1996	1996	N	N				2.4540E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SN-113	T	6.200E-04	Ci	1996	1996	N	N				6.2000E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
SR-90	T	1.623E-01	Ci	1996	1996	N	N				3.8959E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	8.287E-05	Ci	1996	1996	N	N				1.8942E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	1.498E-01	Ci	1996	1996	N	N				3.5961E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	2.505E-02	Ci	1996	1996	N	N				2.5050E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	5.175E-06	Ci	1997	1997	N	N				5.1700E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	1.529E-02	Ci	1997	1997	N	N				3.7439E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CL-36	T	9.505E-06	Ci	1997	1997	N	N				9.5000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CO-57	T	2.055E-02	Ci	1997	1997	N	N				2.0552E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CO-58	T	4.224E-01	Ci	1997	1997	N	N				1.0139E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CO-60	T	1.684E+00	Ci	1997	1997	N	N				4.0106E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CR-51	T	3.018E-02	Ci	1997	1997	N	N				7.1020E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CS-134	T	1.353E-03	Ci	1997	1997	N	N				1.3531E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-137	T	7.670E-04	Ci	1997	1997	N	N				1.6874E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	4.269E-04	Ci	1997	1997	N	N				4.2694E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	6.121E-02	Ci	1997	1997	N	N				6.1207E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	3.953E-02	Ci	1997	1997	N	N				3.9528E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	3.046E+00	Ci	1997	1997	N	N				7.3102E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	1.557E-03	Ci	1997	1997	N	N				3.6692E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
I-129	T	8.040E-08	Ci	1997	1997	N	N				2.9000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
MN-54	T	6.710E-02	Ci	1997	1997	N	N				2.8251E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NB-94	T	5.890E-02	Ci	1997	1997	N	N				5.8895E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NB-95	T	1.616E-01	Ci	1997	1997	N	N				3.8033E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NI-59	T	4.413E-02	Ci	1997	1997	N	N				4.4129E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
NI-63	T	1.458E+00	Ci	1997	1997	N	N				3.4125E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-238	T	7.475E-05	Ci	1997	1997	N	N				7.4740E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	2.601E-04	Ci	1997	1997	N	N				2.6010E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SB-125	T	6.739E-01	Ci	1997	1997	N	N				6.7388E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	4.927E-03	Ci	1997	1997	N	N				1.1826E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	7.274E-04	Ci	1997	1997	N	N				1.6626E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
U-235	T	2.980E-06	Ci	1997	1997	N	N				2.9800E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
U-238	T	5.260E-08	Ci	1997	1997	N	N				5.0000E-08
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
Y-90	T	4.220E-04	Ci	1997	1997	N	N				1.0129E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
ZR-95	T	3.361E-02	Ci	1997	1997	N	N				3.3609E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
AM-241	T	5.059E-06	Ci	1998	1998	N	N				5.0500E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	6.201E-02	Ci	1998	1998	N	N				1.5186E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	2.436E-05	Ci	1998	1998	N	N				2.4360E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-57	T	5.268E-02	Ci	1998	1998	N	N				5.2675E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	1.056E+00	Ci	1998	1998	N	N				2.5343E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	4.317E+00	Ci	1998	1998	N	N				1.0279E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	7.740E-02	Ci	1998	1998	N	N				1.8212E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-134	T	1.704E-03	Ci	1998	1998	N	N				1.7042E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	9.660E-04	Ci	1998	1998	N	N				2.1252E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-152	T	5.377E-04	Ci	1998	1998	N	N				5.3772E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	7.709E-02	Ci	1998	1998	N	N				7.7087E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	4.978E-02	Ci	1998	1998	N	N				4.9783E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	6.210E+00	Ci	1998	1998	N	N				1.4905E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	1.393E-02	Ci	1998	1998	N	N				3.2833E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	2.712E-07	Ci	1998	1998	N	N				9.8000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
MN-54	T	1.714E-01	Ci	1998	1998	N	N				7.2181E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-94	T	8.481E-03	Ci	1998	1998	N	N				8.4812E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	4.100E-01	Ci	1998	1998	N	N				9.6482E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	1.129E-01	Ci	1998	1998	N	N				1.1290E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	3.666E+00	Ci	1998	1998	N	N				8.5808E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	1.927E-05	Ci	1998	1998	N	N				1.9270E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
RU-106	T	8.163E-02	Ci	1998	1998	N	N				8.1628E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SB-125	T	8.488E-01	Ci	1998	1998	N	N				8.4878E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
SR-90	T	1.364E-03	Ci	1998	1998	N	N				3.2741E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
TC-99	T	6.753E-05	Ci	1998	1998	N	N				1.5435E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
Y-90	T	3.596E-05	Ci	1998	1998	N	N				8.6290E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
ZR-95	T	1.028E-03	Ci	1998	1998	N	N				1.0282E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
AM-241	T	7.610E-04	Ci	1999	1999	N	N				7.6101E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
C-14	T	6.833E-02	Ci	1999	1999	N	N				1.6734E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	3.335E-05	Ci	1999	1999	N	N				3.3350E-05
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CM-244	T	4.487E-04	Ci	1999	1999	N	N				4.4870E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	7.212E-02	Ci	1999	1999	N	N				7.2125E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	1.482E+00	Ci	1999	1999	N	N				3.5571E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CO-60	T	5.910E+00	Ci	1999	1999	N	N				1.4072E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CR-51	T	1.059E-01	Ci	1999	1999	N	N				2.4922E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CS-134	T	7.098E-03	Ci	1999	1999	N	N				7.0982E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
CS-137	T	4.024E-03	Ci	1999	1999	N	N				8.8518E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
EU-152	T	2.251E-03	Ci	1999	1999	N	N				2.2512E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
EU-154	T	3.183E-01	Ci	1999	1999	N	N				3.1831E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
EU-155	T	2.074E-01	Ci	1999	1999	N	N				2.0736E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	1.193E+01	Ci	1999	1999	N	N				2.8635E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-59	T	9.000E-06	Ci	1999	1999	N	N				9.0000E-06
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
H-3	T	9.314E-03	Ci	1999	1999	N	N				2.1955E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
I-129	T	2.729E-07	Ci	1999	1999	N	N				9.9000E-07
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
MN-54	T	2.367E-01	Ci	1999	1999	N	N				9.9684E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
NB-94	T	1.306E-02	Ci	1999	1999	N	N				1.3065E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NB-95	T	5.700E-01	Ci	1999	1999	N	N				1.3412E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-59	T	1.548E-01	Ci	1999	1999	N	N				1.5483E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
NI-63	T	4.862E+00	Ci	1999	1999	N	N				1.1380E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-238	T	6.517E-04	Ci	1999	1999	N	N				6.5166E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-239	T	1.006E-04	Ci	1999	1999	N	N				1.0057E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
PU-240	T	1.186E-04	Ci	1999	1999	N	N				1.1864E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
PU-241	T	1.170E-02	Ci	1999	1999	N	N				1.1698E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
RU-106	T	1.364E-03	Ci	1999	1999	N	N				1.3645E-03
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SB-125	T	3.535E+00	Ci	1999	1999	N	N				3.5351E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
SR-90	T	3.240E-02	Ci	1999	1999	N	N				7.7763E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
TC-99	T	1.395E-04	Ci	1999	1999	N	N				3.1876E-04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-7

Radio-nuclide	(A) Annual (T) Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
Y-90	T	5.892E-03	Ci	1999	1999	N	N				1.4141E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		
ZR-95	T	3.331E-02	Ci	1999	1999	N	N				3.3315E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown			Chemical Form: Unknown		

Footnotes:

* and standard deviation in the next column. If not, mark N and give minimum value and maximum value.es in the next column

** For the projected waste streams, mark Y if forecast document was used. If not, mark N. This column is not used for the recent or historical waste streams.

PART A - GENERAL INFORMATION

(1) Preparer: JKM (2) Date Prepared: 01/31/01
(3,4,5,6) Waste Stream: NRF-618-8 Structural components removed from the NRF prototypes.
(7) Type of Radioactive Waste: Low level | Non-radioactive | Transuranic or suspect transuranic: L
(8) Actual years disposed of at SDA: Starting year: 1994 Ending year: 1999 Annual or Total over all years: T

(9) Waste stream volume: 126.20000 Units*: M Container or Waste volume: C
(10) Comments:

PART B - WASTE STREAM CHARACTERISTICS
(1) General physical form: 4 10, 53, 44, see comments below.
(2) Details on physical form:

(3) Chemical form:
(4) Inner packaging: Plastic Bag | Plastic Liner | Metal Liner | NOne | Other | Unknown: NO
(5) Waste container type: I
(6) Other characteristics of interest:
(7) Comments: 1. 53 - other - core instrumentation approximately 10 percent of waste stream valume.

PART C - NONRADIOLOGICAL CONTAMINANTS - Additional information or explanations:

PART D - RADIOLOGICAL CONTAMINANTS - Additional information or explanations:

Basis for uncertainty is discussed in document text for NRF.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES

Type of source information:

		Generator forecasts	Reports
X	RWMIS	X Other database	Interview
	Sample analysis data	Expert judgment	Operating records
		Other: IWTS	

Details concerning source:

Do the estimates of contaminant quantities represent: Best estimate | Worst case | Other: B

If other than best estimate, why?:

Do the data conflict with RWMIS?: Y Where appropriate, as explained in text of document, scaling factors were applied for a better curie estimate.

Major unknowns in inventories of contaminants:

Key assumptions used to deal with the unknowns:

CONTINUATION

Continuation of Part: Column or Question Number or Title:

Footnotes:

* Units: cubic feet (FT) | gallons (GL) | grams (GM) | pounds (LB) | cubic meters (M) | unknown (U)

Waste Stream: NRF-618-8

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
C-14	T	1.098E+00	Ci	1994	1994	N	N				2.6890E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CL-36	T	4.182E-02	Ci	1994	1994	N	N				4.1819E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-57	T	9.042E+01	Ci	1994	1994	N	N				9.0420E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-58	T	9.031E+00	Ci	1994	1994	N	N				2.1675E+01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CO-60	T	7.411E+03	Ci	1994	1994	N	N				1.7645E+04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CR-51	T	4.959E-02	Ci	1994	1994	N	N				1.1668E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					

Waste Stream: NRF-618-8

Radio-nuclide	(A) (T) Annual Total	Quantity	Units	Begin Year	End Year	Waste Gen. Forecast used? Y/N**	Samples? Y/N*	Num. of Samples	Std Dev	Minimum Value	Maximum Value
CS-134	T	1.292E-01	Ci	1994	1994	N	N				1.2921E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
CS-137	T	7.324E-02	Ci	1994	1994	N	N				1.6113E-01
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-152	T	4.077E-02	Ci	1994	1994	N	N				4.0769E-02
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-154	T	5.844E+00	Ci	1994	1994	N	N				5.8446E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
EU-155	T	3.774E+00	Ci	1994	1994	N	N				3.7745E+00
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					
FE-55	T	5.789E+03	Ci	1994	1994	N	N				1.3894E+04
						Basis for Uncertainty: See additional information Physical Form: Unknown Chemical Form: Unknown					