ENCLOSURE

CORRECTED EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

FOR JULY thru DECEMBER 1988

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT
2nd HALF 1988 (Corrected)
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. Solid Waste Shipped Off-site for Burial or Disposal (Not Irradiated Fuel)

1. Type of waste	Units	Amount	Error %
a. Spent resins, filter sludges, evaporator bottoms, etc.	m3	9.61E+01	
	Ci	2.66E+02	1.50E+01
b. Dry compressible waste contaminated equip., etc.	m3	3.04E+02	
	Ci	1.67E+01	1.50E+01
c. Irradiated components, control rods, etc.	m3	1.69E+00	
	Ci	1.06E+02	1.50E+01
d. Other	m3	0.00E+00	
	Ci	0.00E+00	N/A

2. Estimate of major nuclide composition (by waste type)

a. Spent resins, filter sludge, evaporator bottoms, etc.

	Nuclide	Unit		Unit	
1.	Manganese-54(1)	%	1.76E-01	Ci	4.67E-01
2.	Iron-55(2)	%	2.26E+01	Ci	6.80E+01
3.	Cobalt-60(1)	%	4.88E+01	Ci	1.30E+02
4.	Zinc-65(1)	%	3.07E+00	Ci	8.15E+00
5.	Cesium-134(1)	%	3.62E+00	Ci	9.60E+00
6.	Cesium-137(1)	%	1.48E+01	Ci	3.94E+01
7.	Other Nuclides(2)	%	3.88E+00	Ci	1.03E+01

(1) Measured
(2) Estimated through the use of scaling factors

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2. Estimate of major nuclide composition (by waste type) (Con't)

b. Dry compressible waste, contaminated equipment, etc.

	Nuclide	Unit		Unit	
1.	Chromium-51(2)	%	1.21E+01	Ci	2.81E+00
2.	Manganese-54(2)	%	4.43E+00	Ci	7.38E-01
3.	Iron-55(2)	%	2.57E+01	Ci	4.29E+00
4.	Iron-59(2)	%	1.34E+00	Ci	2.23E-01
5.	Cobalt-60(2)	%	1.88E+01	Ci	3.13E+00
6.	Zinc-65(2)	%	1.94E+01	Ci	3.23E+00
7.	Niobium-95(2)	%	2.31E+00	Ci	3.85E-01
8.	Silver-110m(2)	%	1.33E+00	Ci	2.21E-01
9.	Cesium-134(2)	%	7.19E+00	Ci	1.20E+00
10.	Cesium-137(2)	%	7.19E+00	Ci	1.20E+00
11.	Other Nuclides(2)	%	2.14E-01	Ci	3.57E-02

(1) Measured
(2) Estimated through the use of percent abundance

c. Irradiated components, control rods, etc.

	Nuclide	Unit		Unit	
1.	Zinc-65(1)	%	1.29E+00	Ci	1.37E+00
2.	Cobalt-60(1)	%	5.56E+01	Ci	5.89E+01
3.	Iron-55(2)	%	3.80E+01	Ci	4.02E+01
4.	Other Nuclides(2)	%	5.14E+00	Ci	5.45E+00

(1) Measured
(2) Estimated through the use of scaling Factors

d. Other

None

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3. Solid waste disposition

Number of Shipments	Mode of Transportation	Destination
35	Sole Use Truck	Barnwell, SC

B. Irradiated Fuel Disposition

Number of Shipments	Mode of Transportation	Destination
NONE	N/A	N/A

C. Waste Sources, Burial Class and Type Quantity, Container Type, Total Volume in Cubic Feet and Number of Containers Used.

Type of Waste	Type Quantity	Burial Class	Type Of Container	Number of Containers	Disposal Volume
DEWATERED					
(Resin)					
RX CLEANUP	A-LSA	B-Stable	HIC	1	120.3
COND/WASTE	A-LSA	A-Stable	HIC	6	1164.8
	B-LSA	A-Stable	HIC	10	1902.5
	B-LSA	B	HIC	1	205.8
(Filters)					
TORUS	B	B	HIC	0.5	60.6
COND/DEMIN	A-LSA	A-Unstable	STC	3	302.2
TORUS	A-LSA	A-Unstable	STC	8	60.0
DRY ACTIVE WASTE					
(Compacted)					
DRUM	A-LSA	A-Unstable	STC	211	1582.5
BOX	A-LSA	A-Unstable	STC	40	3721.9
(Uncompacted)					
DRUM	N/A	N/A	N/A	0	0.0
BOX	A-LSA	A-Unstable	STC	43	4263.2
(Waste Processor)					
TO PROCESSOR	A-LSA	A-Unstable	STC	N/A	13879.0
TO DISPOSAL	A-LSA	A-Unstable	STC	N/A	742.8
IRRADIATED COMPONENTS					
CRD Scrap	B	B	HIC	0.5	59.7
SOLIDIFIED	N/A	N/A	N/A	NONE	NONE
ABSORBED	N/A	N/A	N/A	NONE	NONE

Solidification Agent Used: NONE
Absorbents Used: NONE