

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1992)
SOLID WASTE SHIPMENTS

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (Not irradiated fuel)

1. Type of waste	Unit	6-Month Period	Est. Total Error %
a. Spent resins, filter sludges, evaporator bottoms, etc.	m3* Ci	7.10E+00 9.58E+01	2.50E+01
b. Dry compressible waste, contaminated equip. etc.	m3* Ci	18.9E+00 1.28E+00	2.50E+01
c. Irradiated components, control rods, etc.	m3* Ci	0.00E+00 0.00E+00	0.00E+00
d. Other	m3* Ci	0.00E+00 0.00E+00	0.00E+00

m3* = cubic meters

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

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

<u>Nuclide Name</u>	<u>Percent Abundance</u>	<u>Curies</u>
Cs-134	24.061%	2.30E+01
Cs-137	20.848%	2.00E+01
Fe-55	20.420%	1.96E+01
Ni-63	14.694%	1.41E+01
Co-60	8.860%	8.49E+00
Co-58	4.332%	4.15E+00
Be-7	3.257%	3.12E+00
Mn-54	2.127%	2.04E+00
Eu-155	1.274%	1.22E+00
C-14	.076%	7.28E-02
Sr-90	.028%	2.66E-02
H-3	.023%	2.19E-02
Pu-238	.0001	4.01E-05
Pu-239/40	.000%	3.94E-05
Cm-243/44	.000%	2.10E-05
Am-241	.000%	1.54E-05
Cm-242	.000%	0.00E+00
Pu-241	.000%	0.00E+00
I-129	.000%	0.00E+00
Tc-99	.000%	0.00E+00
Nb-94	.000%	0.00E+00
Ni-59	.000%	0.00E+00

b. Dry compressible waste, contaminated equipment, etc.

<u>Nuclide</u> <u>Name</u>	<u>Percent</u> <u>Abundance</u>	<u>Curies</u>
Fe-55	58.318Z	7.44E-01
Co-60	25.642Z	3.27E-01
Ni-63	7.700Z	9.82E-02
Co-58	2.338Z	2.98E-02
Nb-95	1.723Z	2.20E-02
Cs-137	1.549Z	1.98E-02
Mn-54	1.411Z	1.80E-02
Cs-134	1.105Z	1.41E-02
I-131	.175Z	2.23E-03
H-3	.026Z	3.28E-04
Cr-51	.009Z	1.19E-04
C-14	.003Z	4.10E-05
Cm-242	.000Z	0.00E+00
Pu-241	.000Z	0.00E+00
I-129	.000Z	0.00E+00
Tc-99	.000Z	0.00E+00
Sr-90	.000Z	0.00E+00
Nb-94	.000Z	0.00E+00
Ni-59	.000Z	0.00E+00

c. Irradiated components, control rods, etc.
noned. Other
none

3. Solid Waste Disposition

<u>Number of Shipments</u>	<u>Mode of Transportation</u>	<u>Destination</u>
5	Truck	Barnwell, South Carolina
4	Truck	Richland, Washington

4. Class of Solid Waste

- a. Class A, Class B
- b. Class A
- c. Not applicable
- d. Not applicable

5. Type of Container

- a. LSA (Strong, tight)
- b. LSA (Strong, tight)
- c. Not applicable
- d. Not applicable

6. Solidification Agent

- a. Not applicable
- b. Not applicable
- c. Not applicable
- d. Not applicable

B. IRRADIATED FUEL SHIPMENTS (Disposition)

There were no irradiated fuel shipments during this reporting period.