

Attachment to NA 92-0141

Replacement Pages 17-18
for Attachment to NA 92-0035

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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	1.67E+01 4.22E-01	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	.000%	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 Name</u>	<u>Percent Abundance</u>	<u>Curies</u>
Fe-55	54.755%	2.31E-01
Co-60	26.582%	1.12E-01
Ni-63	8.258%	3.48E-02
Co-58	3.682%	1.55E-02
Nb-95	1.821%	7.68E-03
Cs-137	1.698%	7.16E-03
Mn-54	1.328%	5.60E-03
Cs-134	1.278%	5.39E-03
I-131	.530%	2.23E-03
H-3	.036%	1.50E-04
Cr-51	.028%	1.19E-04
C-14	.004%	1.66E-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
Sr-90	.000%	0.00E+00
Nb-94	.000%	0.00E+00
Ni-59	.000%	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