

TABLE 3

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1984

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (NOT IRRADIATED FUEL)

1. Type of Waste	Units	Totals	% Error
(a) Spent resins, filter sludges, evaporator bottoms, etc.	M ³ Ci	1.02E02 4.53E01	1.00E01
(b) Dry compressible waste, contaminated equipment, etc.	M ³ Ci	1.36E03 9.94E00	1.00E01
(c) Irradiated components, control rods, etc.	M ³ Ci	0 0	0.00E00
(d) Other:	M ³ Ci	1.69E01 3.01E01	1.00E01

2. Estimate of Major Nuclide Composition (By Type of Waste)

	%	Ci
(a) H-3	25	1.13E01
Co-58	8	3.62E00
Co-60	32	1.45E01
Ni-63	12	5.43E00
Ag-110m	3	1.36E00
Sb-124	4	1.81E00
Others*	16	7.23E00
(b) Cr-51	16	1.60E00
Fe-55	25	2.50E00
Co-58	19	1.90E00
Co-60	33	3.30E00
Others**	7	7.00E-01
(d) Co-60	53	1.60E01
Fe-55	23	6.85E00
Ni-63	14	4.12E00
Co-58	6	1.92E00
Ni-59	2	6.05E-01
Others***	2	6.22E-01

3. Solid Waste Disposition

Number of Shipments: 56
Mode of Transportation: Sole Use Vehicle
Destination: Barnwell, S.C.

B. IRRADIATED FUEL SHIPMENT (FOR STORAGE)

Number of Shipments: 0
Mode of Transportation: NA
Destination: NA
Number of Bundles: 0

*Others include: C-14, Cr-51, Mn-54, Fe-55, Co-57, Zn-65, Sr-90, Zr-95, Nb-95,
Tc-99, Sn-113, Cs-134, Cs-137, Pu-238, U-234, Np-237, Pu-238,
Am-241, Pu-241, Cm-242, Cm-244

**Others include: H-3, C-14, Mn-54, Co-57, Ni-63, Nb-95, Zr-95, Ag-110m, Sb-124,
Sb-125, Te-125m, Np-237, Pu-238, Pu-239, Pu-240, Am-241, Pu-241,
Cm-242, Cm-244

***Others include: C-14, Co-57, Mn-54, Tc-99, Pu-238, Pu-239, U-234, Pu-241, Am-241,
Cm-242, Cm-244