

FLORIDA POWER AND LIGHT COMPANY
TURKEY POINT PLANT
SEMIANNUAL REPORT
JULY 1987 THROUGH DECEMBER 1987
UNITS 3 AND 4 TABLE 5A

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL

1. Type of Waste	UNIT	6 MONTH PERIOD	ERRORS
a. Spent Resins, Filter sludges evaporator bottoms, etc.	m ³ C1	1.18 E1 5.65 E2	2.0 E+1
b. Dry Compressible Waste (Note 1)	m ³ C1	2.15 E0 6.80 E-1	2.0 E+1
c. Irradiated Components Control rods, etc.	m ³ C1	0.00 E0 0.00 E0	
d. Other Non-Compressible Metal Waste	m ³ C1	1.49 E1 2.48 E-1	2.0 E+1
1. Non-Compressible Metal (Note 5)	m ³ C1	2.0 E0 1.6 E-3	

2. Estimate of Major Nuclide Composition (by type of waste)

a.	Co-60	%	42
	Co-58	%	25
	Fe-55	%	10
	Ni-63	%	7
	Cs-137	%	7
	Mn-54	%	3
	Cs-134	%	3
	Sb-125	%	1
	Cr-51	%	1
b.	Co-60	%	49
	Co-58	%	17
	Fe-55	%	16
	Ni-63	%	9
	Cs-137	%	3
	Sb-125	%	1
c.	-----	-	--
d.	-----	-	--

3. Solid Waste Disposition

<u>Number of Shipments</u>	<u>Mode of Transportation</u>	<u>Destination</u>
5	Sole Use Truck	Barnwell, S.C.
16 (note 2)	Sole Use Truck	Oak Ridge, TN

B. IRRADIATED FUEL SHIPMENTS

<u>Number of Shipments</u>	<u>Mode of Transportation</u>	<u>Destination</u>
0	N/A	N/A

N/A - Not applicable

9004200133 900409
PDR ADOCK 05000250
R PDC

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 SOLID WASTE SUPPLEMENT

Waste Classification	Total Volume Ft ³	(Note 1) Total Curie Quantity	(Notes 1,2) Principal Radionuclides	(Note 3) Type of Waste	R.G. 1.21 Category	(Note 4) Type of Container	Solidification or Absorbent Agent
Class A	8115.6 (Note 3)	.93	None	Non Compressible Waste (Note 5)	1.b	Non-Spec Strong, Tight Package	N/A
Class B	417	562.9	Sr ⁹⁰ , Ni ⁶³ , Co ⁶⁰ , Cs ¹³⁷ , T _{1/2} < 5 yr.	PWR Ion Exchange Resins	1.a	NRC Certified LSA > Type A	N/A