

ST. LUCIE PLANT UNIT #1

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (YEAR)

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

January 1, 1983 - June 30, 1983

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.	m ³ Ci	1.71E 1 2.18E 2	2.00E 1
b. Dry compressible waste, contaminated equip. etc.	m ³ Ci	1.69E 2 6.73E 0	2.00E 1
c. Irradiated components, control rods, etc.	m ³ Ci	. E . E	. E
d. Other (describe) Contaminated Dirt	m ³ Ci	1.06E 2 1.35E-1	2.00E 1

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

a.	Co-60	%	4 .7 E 1
	Co-58	%	1 .6 E 1
	Cs-137	%	2 .1 E 1
	Cs-134	%	1 .4 E 1
	Mn-54	%	1 .5 E 0
b.	Co-60	%	5 .4 E 1
	Co-58	%	2 .1 E 1
	Cs-137	%	1 .3 E 1
	Cs-134	%	7 .4 E 0
	Mn-54	%	2 .3 E 0
	Nh-95	%	1 .1 E 0
	Cr-51	%	2 .8 E 0
d.	Co-60	%	1 .0 E 2

3. Solid Waste Disposition

<u>Number of Shipments</u>	<u>Mode of Transportation</u>	<u>Destination</u>
10	SOLE USE TRUCK	BARNWELL, S.C
4	SOLE USE TRUCK	RICHLAND, WASH.

B. IRRADIATED FUEL SHIPMENTS (Disposition)

<u>Number of Shipments</u>	<u>Mode of Transportation</u>	<u>Destination</u>
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