

TABLE 3

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1982)

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

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

1. Type of Waste	UNITS	PERIOD July 1-Dec.31
a. Spent resins, filter sludges, evaporator bottoms, etc.	3 m	9.627E 00
	Ci	3.230E 00
b. Dry compressible waste, contaminated equipment, etc.	3 m	1.632E 02
	Ci	6.020E 01
c. Irradiated components, control rods, etc.	3 m	None
	Ci	None
d. Other (described)	3 m	None
	Ci	None

2. Estimate of major nuclide composition

	ISOTOPES	%	Ci	ISOTOPES	%	Ci
a.	Nb-95	5.9E-01	1.917E-02	Ba-140	1.6E 00	5.325E-02
	I-131	1.2E 01	4.147E-01	Na-24	1.4E-01	4.400E-03
	Cs-134	7.2E 00	2.334E-01	Co-57	1.6E 00	5.325E-02
	Co-60	4.3E 01	1.403E 00	La-140	2.2E 00	7.092E-02
	Cs-137	1.2E 01	3.940E-01	Co-58	1.3E 01	4.089E-01
	Mn-54	5.5E 00	1.789E-01			
b.	Cr-51	1.2E 01	7.259E 00	Mn-54	3.2E 00	1.932E 00
	I-131	6.6E 00	3.957E 00	Fe-59	5.6E-01	3.360E-01
	Cs-134	6.2E 00	3.957E 00	Co-60	3.3E 01	2.001E 01
	Cs-137	1.6E 00	9.708E-01	La-140	1.9E-01	1.120E-01
	Zr-95	1.6E 00	9.335E-01	Nb-95	2.4E-01	1.415E-01
	Co-58	4.0E 01	2.418E 00			

TABLE 3 (con't)

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SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

3. Solid Waste Disposition

- | | | |
|---------------------------|--|--|
| a. Number of Shipments | 13 | |
| b. Mode of Transportation | Chem-Nuclear Transport (11)
Hittman Transport (2) | |
| c. Destination | Chem-Nuclear Systems, Inc.
Barnwell, South Carolina | |

4. Type of Containers

- | | |
|-----------|---|
| a. (1a) | 170 cf. steel liners (dewatered
resin & charcoal media)
120 cf. High Integrity Containers
(Spent filters)
55 cf. High Integrity Containers
(Spent filters) |
| b. (1b) | 55 gallon steel drum
112 cf. wooden boxes |

5. Solidification Agents

- | | |
|-----------|---|
| a. (1a) | No solidifications during this
report period. All items (spent
resin and charcoal) that are
catagorized item 1a were shipped
dewatered. |
| b. (1b) | N/A |

B. IRRADIATED FUEL SHIPMENTS (Disposition)

- | | |
|---------------------------|------|
| 1. Number of Shipments | None |
| 2. Mode of Transportation | N/A |
| 3. Destination | N/A |