

2. Estimate of Major Nuclide Composition (By Type of Waste), Percent%  
(Continued)

b.	americium-241	6.24 E-02	nickel-59	1.20 E-02
	barium-133	3.47 E-06	nickel-63	6.55 E-01
	cadmium-109	1.42 E-08	plutonium-238	8.16 E-06
	carbon-14	2.78 E-02	plutonium-239/240	3.35 E-06
	cesium-134	1.61 E+00	plutonium-241	2.76 E-04
	cesium-137	3.59 E+00	silver-110m	8.16 E-01
	cerium-144	8.22 E-01	sodium-22	9.59 E-08
	chlorine-36	1.22 E-05	strontium-89	9.59 E-04
	cobalt-57	5.48 E-12	strontium-90	2.04 E-03
	cobalt-58	3.59 E+00	polonium-210	2.61 E-06
	cobalt-60	4.51 E+01	technetium-99	5.73 E-05
	curium-242	7.43 E-05	transuranics	6.52 E-05
	curium-243/244	8.53 E-06	tritium	9.02 E-04
	iron-55	2.51 E+01	uranium-235	2.39 E-08
	iron-59	1.01 E-01	uranium-238	1.31 E-03
	krypton-85	1.82 E+00	zinc-65	9.26 E-01
	manganese-54	1.58 E+01		

c.	americium-241	9.23 E-12	nickel-59	1.70 E-02
	carbon-14	5.67 E-03	nickel-63	3.39 E+00
	chromium-51	1.38 E-03	niobium-94	5.26 E-05
	cobalt-60	3.78 E+01	plutonium-238	2.98 E-11
	curium-242	1.41 E-11	plutonium-239/240	1.22 E-11
	curium-243/244	3.05 E-11	plutonium-241	9.86 E-10
	iron-55	5.67 E+01	technetium-99	2.53 E-05
	manganese-54	2.11 E+00	tritium	1.61 E-04

3. SOLID WASTE DISPOSITION

<u>NUMBER OF SHIPMENTS</u>	<u>MODE OF TRANSPORTATION</u>	<u>DESTINATION</u>
23	Exclusive Use Vehicle	Barnwell, SC

4. SOLIDIFICATION AGENT

No shipments required solidification during this semiannual period.

B. IRRADIATED FUEL SHIPMENTS (Disposition)

<u>NUMBER OF SHIPMENTS</u>	<u>MODE OF TRANSPORTATION</u>	<u>DESTINATION</u>
0	N/A	N/A

Correspondence No: NLS950184

The following table identifies those actions committed to by the District in this document. Any other actions discussed in the submittal represent intended or planned actions by the District. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITTED DATE OR OUTAGE
None	N/A