

YANKEE ATOMIC ELECTRIC COMPANY

ROWE, MASSACHUSETTS

EFFLUENT AND WASTE DISPOSAL

SEMI-ANNUAL REPORT

JULY-DECEMBER 1982

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YANKEE ATOMIC ELECTRIC COMPANY, ROWE, MASS.
Effluent And Waste Disposal Quarterly Report
Gaseous Effluents - Summation All Releases

Table 1A

1982

	Unit	July	August	September	Quarter (3)
Seconds During Period	Secs.	2.42E06	3.02E06	2.42E06	7.86E06
Fission & Activation Gases					
Total Release	Ci	1.31E01	2.26E01	1.42E01	4.99E01
Average Release Rate For Period	uCi/sec	5.41E00	7.47E00	5.85E00	6.33E00
Percent Of Technical Specification Limit	%	9.15E-01	1.43E00	3.83E-01	8.60E-01
Iodines					
Total Iodine - 131	Ci	2.31E-06	< 3.40E-06	2.41E-04	2.44E-04
Ave. Release Rate For Period	uCi/sec	9.54E-07	< 1.13E-06	9.96E-05	3.10E-05
Percent Of Technical Specification Limit	%	6.84E-02	< 7.95E-02	4.55E00	1.88E00
Particulates					
Total Gross (β , γ)	Ci	2.80E-06	1.63E-05	1.66E-06	2.08E-05
Particulates With Half-Life > 8 Days	Ci	2.80E-06	1.63E-05	1.66E-06	2.08E-05
Ave. Release Rate For Period *	uCi/sec	1.16E-06	5.38E-06	6.87E-07	2.64E-06
Percent Of Technical Specification Limit	%	2.89E-02	2.81E-02	5.22E-02	3.19E-02
Gross Alpha Radioactivity	Ci	2.60E-08	2.10E-08	8.80E-09	5.58E-08
Tritium					
Total Release	Ci	1.40E-01	2.36E-01	8.14E-01	1.19E00
Ave. Release Rate For Period	uCi/sec	5.78E-02	7.81E-02	3.36E-01	1.51E-01
Percent Of Technical Specification Limit	%	2.97E-03	3.95E-03	1.10E-02	6.57E-03

* Applies to particulates with half-lives > 8 Days
Maximum Gross Radioactivity Release Rate:

July 26, 1982 (0815) - 2.78E02 uCi/sec.
August 6, 1982 (0840) - 3.47E01 uCi/sec.
September 13, 1982 (0510) - 9.27 E02 uCi/sec.

YANKEE ATOMIC ELECTRIC COMPANY, ROWE, MASS. - TABLE - 1B
 EFFLUENT AND WASTE DISPOSAL
 GASEOUS EFFLUENTS

1982

Nuclides Released	Unit	July	August	September	Quarter ⁽³⁾
Fission Gases					
Krypton-85	Ci	4.91E-02	5.47E-02	3.88E-01	4.92E-01
Krypton-85M	Ci	1.56E-01	3.70E-01	1.95E-01	7.21E-01
Krypton-87	Ci	1.77E-01	4.99E-01	2.81E-01	9.57E-01
Krypton-88	Ci	2.88E-01	7.22E-01	3.93E-01	1.40E00
Xenon-133	Ci	4.22E00	6.27E00	6.76E00	1.72E01
Xenon-135	Ci	3.88E00	5.51E00	2.98E00	1.24E01
Xenon-135M	Ci	3.59E00	6.83E00	3.64E-01	1.08E01
Xenon-138	Ci	3.29E-01	1.21E00	8.37E-01	2.38E00
Others (Specify)	Ci	-	-	-	-
Xenon-133M	Ci	1.57E-01	5.88E-01	6.20E-02	8.07E-01
Argon-37	Ci	4.37E-02	5.06E-02	2.74E-01	3.68E-01
Argon-41	Ci	1.80E-01	4.60E-01	4.35E-01	1.07E00
Carbon-14	Ci	1.00E-02	1.24E-02	1.12E00	1.14E00
Xenon-131M	Ci	<9.12E-01	<2.32E00	6.41E-02	6.41E-02
Unidentified	Ci	-	-	-	-
Total for Period	Ci	1.31E01	2.26E01	1.42E01	4.99E01

Iodines					
Iodine-131	Ci	2.31E-06	<3.40E-06	2.41E-04	2.44E-04
Iodine-133	Ci	<2.35E-06	<3.10E-06	4.99E-05	4.99E-05
Iodine-135	Ci	<4.97E-06	<6.39E-06	1.78E-05	1.78E-05
Total for Period	Ci	2.31E-06	<1.29E-05	3.09E-04	2.45E-04

Tritium	Ci	1.40E-01	2.36E-01	8.14E-01	1.19E00
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Particulates					
Strontium-89	Ci	<1.81E-08	<2.29E-08	<2.84E-08	<6.94E-08
Strontium-90	Ci	<1.51E-09	<1.91E-09	<2.36E-09	<5.78E-09
Cesium-134	Ci	<1.28E-07	<1.33E-07	<4.56E-07	<7.17E-07
Cesium-137	Ci	<1.31E-07	<1.44E-07	<4.50E-07	<7.25E-07
Barium-Lanthanum-140	Ci	<4.34E-07	<4.53E-07	<1.49E-06	<2.38E-06
Antimony-125	Ci	2.80E-06	<9.51E-07	<3.34E-06	2.80E-06
Cobalt-58	Ci	<1.18E-07	3.38E-06	5.80E-07	3.96E-06
Cobalt-60	Ci	<1.38E-07	<3.87E-07	<5.26E-07	<1.05E-06
Iron-59	Ci	<2.70E-07	1.69E-06	<8.32E-07	1.69E-06
Chromium-51	Ci	<9.11E-07	9.49E-06	<3.20E-06	9.49E-06
Zirconium-Niobium 95	Ci	<2.12E-07	9.05E-07	<7.69E-07	9.05E-07
Cerium-141	Ci	<1.59E-07	<1.62E-07	<5.65E-07	<8.86E-07
Cerium-144	Ci	<7.56E-07	<7.63E-07	<2.60E-06	<4.12E-06
Antimony-124	Ci	<2.03E-07	<1.86E-07	<8.05E-07	<1.19E-06
Manganese-54	Ci	<1.29E-07	8.16E-07	1.08E-06	1.90E-06
Silver-110M	Ci	<1.85E-07	<1.97E-07	<6.60E-07	<1.04E-06
Total for Period	Ci	2.80E-06	1.63E-05	1.66E-05	2.08E-05

YANKEE ATOMIC ELECTRIC COMPANY, ROWE, MASS.
EFFLUENT AND WASTE DISPOSAL QUARTERLY REPORT
LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

TABLE 2A

		1982			
Unit	July	August	Sept.	Quarter ⁽³⁾	
Fission and activation products					
Total release (not including tritium, gases, alpha)	Ci	1.34E-03	3.06E-03	9.07E-04	5.30E-03
Average diluted concentration during period	µCi/ml	6.34E-11	1.16E-10	9.18E-11	9.24E-11
Percent of Applicable Limit	%	1.30E-02	2.15E-02	1.34E-02	1.70E-02
Tritium					
Total Release	Ci	1.68E01	2.56E01	1.24E01	5.48E01
Average diluted concentration during period	µCi/ml	7.96E-07	9.70E-07	1.25E-06	9.55E-07
Percent of applicable limit	%	2.65E-02	3.23E-02	4.18E-02	3.18E-02
Dissolved and entrained gases					
Total Release	Ci	3.83E-02	3.38E-03	2.33E-03	7.44E-02
Average diluted concentration during period	µCi/ml	1.82E-09	1.28E-09	2.36E-10	1.30E-09
Percent of applicable limit	%	6.05E-02	4.27E-02	7.86E-03	4.32E-02
Gross Alpha radioactivity					
Total Release	Ci	1.89E-07	9.19E-07	7.00E-06	8.11E-06
Alpha Average Concentration	µCi/ml	8.96E-15	3.48E-14	7.08E-13	1.41E-13
Volume of waste released (prior to dilution)	Liters	1.56E06	1.91E06	8.97E05	4.37E06
Volume of dilution water (used during period)	liters	2.11E10	2.64E10	9.88E09	5.74E10

Maximum Concentration (β , γ) Released To Unrestricted Area

July 22, 1982 (1500) - 3.15E-10 µCi/ml
 August 13, 1982 (1420) - 1.71E-10 µCi/ml
 September 22, 1982 (1040) - 3.16E-08 µCi/ml

YANKEE ATOMIC ELECTRIC COMPANY-ROWE, MASS.
EFFLUENT AND WASTE DISPOSAL QUARTERLY REPORT
LIQUID EFFLUENTS

Table 2B

1982

Nuclides Released	Unit	July	August	September	Quarter 3
Strontium-89	Ci	1.28E-05	1.77E-05	9.66E-06	4.02E-05
Strontium-90	Ci	5.27E-07	8.20E-07	6.29E-07	1.97E-06
Cesium-134	Ci	1.25E-05	1.84E-05	3.43E-05	6.52E-05
Cesium-137	Ci	3.90E-05	4.40E-05	5.15E-05	1.35E-04
Iodine-131	Ci	7.24E-04	1.28E-03	3.68E-04	2.37E-03
Cobalt-58	Ci	< 2.28E-06	4.15E-06	1.29E-05	1.71E-05
Cobalt-60	Ci	8.86E-07	1.57E-06	3.59E-05	3.84E-05
Iron-59	Ci	< 5.04E-06	5.59E-07	2.11E-07	7.70E-07
Zinc-65	Ci	< 6.15E-06	< 1.18E-05	< 1.56E-05	< 3.35E-05
Manganese-54	Ci	2.82E-06	5.93E-06	1.96E-05	2.84E-05
Chromium-51	Ci	< 2.70E-05	2.19E-06	4.35E-06	6.54E-06
Zirconium-Niobium-95	Ci	< 4.16E-06	< 7.74E-06	4.44E-07	4.44E-07
Molybdenum-99	Ci	< 1.63E-05	< 2.99E-05	1.49E-06	1.49E-06
Technetium-99M	Ci	< 2.80E-06	< 4.81E-06	1.17E-06	1.17E-06
Barium-Lanthanum-140	Ci	< 9.57E-06	< 1.71E-05	3.61E-06	3.61E-06
Cerium-141	Ci	< 4.62E-06	< 7.91E-06	< 8.92E-06	< 2.15E-05
Ruthenium-103	Ci	< 2.67E-06	< 4.92E-06	< 5.80E-06	< 1.34E-05
Iodine-133	Ci	3.03E-04	1.28E-03	2.96E-05	1.61E-03
Selenium-75	Ci	< 4.29E-06	< 7.52E-06	< 8.30E-06	< 2.01E-05
Silver-110M	Ci	< 3.52E-06	< 6.48E-06	< 8.63E-06	< 1.86E-05
Antimony-124	Ci	< 3.72E-06	< 6.82E-06	< 8.33E-06	< 1.89E-05
Carbon-14	Ci	2.40E-04	3.94E-04	3.28E-04	9.62E-04
Cerium-144	Ci	< 2.09E-05	< 3.57E-05	< 4.02E-05	< 9.68E-05
Unidentified	Ci	2.36E-06	1.08E-05	4.85E-06	1.80E-05
Antimony-125	Ci	< 2.22E-05	< 3.99E-05	6.04E-07	6.04E-07
Total for Period(above)	Ci	1.34E-03	3.06E-03	9.07E-04	5.30E-03
Xenon-133	Ci	3.83E-02	3.38E-02	2.30E-03	7.44E-02
Xenon-135	Ci	1.34E-05	4.96E-05	3.09E-05	9.39E-05
Tritium	Ci	1.68E01	2.56E01	1.24E01	5.48E01

YANKEE ATOMIC ELECTRIC COMPANY-ROWE, MASS.

SOLID WASTE SHIPMENT REPORT

1982

Evaporator Bottoms	July	August	Sept.	Quarter (3)
ft. ³	-	1.20E02	6.00E01	1.80E02
Ci	-	9.06E-02	2.16E-02	1.12E-01

Dry Compressible Waste	July	August	Sept.	Quarter (3)
ft. ³	-	1.30E02	3.15E02	4.45E02
Ci	-	4.76E-01	4.83E-01	9.59E-01

Decontamination Soln.	July	August	Sept.	Quarter (3)
ft. ³	3.75E01	8.25E01	--	1.20E02
Ci	1.16E00	7.59E-01	--	1.92E00

Other:	July	August	Sept.	Quarter (3)
ft. ³	1.72E02	3.75E01	1.05E02	3.15E02
Ci	6.02E00	2.46E-02	1.16E01	1.76E01

Solid Waste Disposition

<u>No. of Shipments</u>	<u>Dates</u>	<u>Trans. Mode</u>	<u>Destination</u>
1	7/14/82	Truck	Barnwell, S. C.
1	7/21/82	"	" "
1	8/11/82	"	" "
1	9/19/82	"	" "

YANKEE ATOMIC ELECTRIC COMPANY, ROWE, MASS.

Effluent And Waste Disposal Quarterly Report

Gaseous Effluents - Summation All Releases

Table 1A

1982

	Unit	October	November	December	Quarter (4)
Seconds During Period	Secs.	2.42E06	3.02E06	2.42E06	7.86E06
Fission & Activation Gases					
Total Release	Ci	9.37E-02	4.36E-01	6.48E00	7.01E00
Average Release Rate For Period	µCi/sec	3.87E-02	1.44E-01	2.68E00	8.92E-01
Percent Of Technical Specification Limit	%	7.02E-04	2.71E-03	5.56E-01	1.20E-01
Iodines					
Total Iodine - 131	Ci	3.94E-05	<4.70E-06	<2.45E-06	3.94E-05
Ave. Release Rate For Period	µCi/sec	1.63E-05	<1.56E-06	<1.01E-06	5.01E-06
Percent Of Technical Specification Limit	%	6.67E-01	<2.46E-02	<7.38E-02	2.53E-01
Particulates					
Total Gross (β , γ)	Ci	2.90E-06	3.33E-08	3.33E-06	6.56E-06
Particulates With Half-Life > 8 Days	Ci	2.90E-06	3.33E-08	3.33E-06	6.26E-06
Ave. Release Rate For Period *	µCi/sec	1.20E-06	1.10E-08	1.33E-06	7.96E-07
Percent Of Technical Specification Limit	%	6.90E-02	3.91E-02	3.44E-02	4.54E-02
Gross Alpha Radioactivity	Ci	2.00E-08	1.04E-08	1.00E-08	4.04E-08
Tritium					
Total Release	Ci	4.90E-01	3.26E-01	1.39E-01	9.55E-01
Ave. Release Rate For Period	µCi/sec	2.02E-01	1.08E-01	5.74E-02	1.21E-01
Percent Of Technical Specification Limit	%	5.93E-03	3.67E-03	3.00E-03	4.38E-03

* Applies to particulates with half-lives > 8 Days
Maximum Gross Radioactivity Release Rate:

October, 1982 <1.70E01 µCi/Sec.
November, 1982 <1.70E01 µCi/Sec
December 19, 1982(0830) 9.34E01 µCi/Sec

YANKEE ATOMIC ELECTRIC COMPANY, ROWE, MASS. - TABLE 1B
 EFFLUENT AND WASTE DISPOSAL
 GASEOUS EFFLUENTS

1982

Nuclides Released	Unit	October	November	December	(4) Quarter
Fission Gases					
Krypton-85	Ci	2.58E-02	3.19E-01	1.77E-02	3.62E-01
Krypton-85M	Ci	<4.20E-05	<4.49E-05	8.18E-02	8.18E-02
Krypton-87	Ci	<1.03E-04	<1.10E-04	5.97E-02	5.97E-02
Krypton-88	Ci	<3.42E-04	<3.66E-04	1.31E-01	1.31E-01
Xenon-133	Ci	4.04E-02	4.35E-03	1.68E00	1.72E00
Xenon-135	Ci	<4.30E-05	<4.60E-05	1.56E00	1.56E00
Xenon-135M	Ci	<4.04E-05	<4.32E-05	2.88E00	2.88E00
Xenon-138	Ci	<4.04E-05	<4.32E-05	3.23E-03	3.23E-03
Others (Specify)	Ci	-	-	-	-
Xenon-133M	Ci	<7.77E-04	<8.31E-04	<8.12E-02	<8.28E-02
Argon-37	Ci	1.29E-02	2.79E-02	8.82E-03	4.96E-02
Argon-41	Ci	<1.01E-04	<1.08E-04	4.23E-02	4.23E-02
Carbon-14	Ci	1.12E-03	7.95E-02	7.60E-03	8.82E-02
Xenon-131M	Ci	1.35E-02	5.30E-03	5.23E-03	2.40E-02
Unidentified	Ci	-	-	-	-
Total for Period	Ci	9.37E-02	4.36E-01	6.48E00	7.01E00
Iodines					
Iodine-131	Ci	3.94E-05	<4.70E-06	<2.45E-06	3.94E-05
Iodine-133	Ci	<3.90E-06	<4.00E-06	<2.15E-06	<1.00E-05
Iodine-135	Ci	<5.40E-06	<5.52E-06	<3.10E-06	<1.40E-05
Total for Period	Ci	3.94E-05	<1.42E-05	<7.70E-06	3.94E-05
Tritium	Ci	4.90E-01	3.26E-01	1.39E-01	9.55E-01
Particulates					
Strontium-89	Ci	<1.11E-07	<1.20E-07	<6.26E-08	<2.94E-07
Strontium-90	Ci	3.09E-08	3.33E-08	1.74E-06	8.16E-08
Cesium-134	Ci	<5.82E-07	<3.69E-07	<1.29E-07	<1.08E-06
Cesium-137	Ci	<5.69E-07	<3.65E-07	1.69E-07	1.69E-07
Barium-Lanthanum-140	Ci	<1.78E-06	<1.20E-06	<4.27E-07	<3.41E-06
Antimony-125	Ci	<3.73E-06	<2.43E-06	<9.04E-07	<7.06E-06
Cobalt-58	Ci	1.12E-06	<3.09E-07	1.27E-06	2.39E-06
Cobalt-60	Ci	1.75E-06	<4.03E-07	<1.38E-07	1.75E-06
Iron-59	Ci	<1.15E-06	<7.08E-07	<2.41E-07	<2.10E-06
Chromium-51	Ci	<3.65E-06	<2.45E-06	<9.12E-07	<7.01E-06
Zirconium-Niobium 95	Ci	<9.38E-07	<5.96E-07	<2.10E-07	<1.74E-06
Cerium-141	Ci	<6.28E-07	<4.21E-07	<1.55E-07	<1.20E-06
Cerium-144	Ci	<2.92E-06	<1.96E-06	<7.31E-07	<5.61E-06
Antimony-124	Ci	<5.70E-07	<5.29E-07	<1.91E-07	<1.29E-06
Manganese-54	Ci	<5.60E-07	<3.48E-07	1.87E-06	1.87E-06
Silver-110M	Ci	<8.05E-07	<5.33E-07	<1.77E-07	<1.52E-06
Total for Period	Ci	2.90E-06	3.33E-08	3.33E-06	6.26E-06

YANKEE ATOMIC ELECTRIC COMPANY, ROWE, MASS.
EFFLUENT AND WASTE DISPOSAL QUARTERLY REPORT
LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

TABLE 2A

		1982			
		October	November	December	1982 (4) Quarter
Fission and activation products					
Total release (not including tritium, gases, alpha)	Ci	4.11E-04	2.77E-04	2.09E-03	2.78E-03
Average diluted concentration during period	µCi/ml	1.07E-09	5.82E-10	2.23E-10	2.73E-10
Percent of Applicable Limit	%	1.25E-01	1.60E-02	4.02E-03	8.99E-03
Tritium					
Total Release	Ci	3.03E00	3.61E00	8.73E00	1.54E01
Average diluted concentration during period	µCi/ml	7.93E-06	7.57E-06	9.31E-07	1.51E-06
Percent of applicable limit	%	2.64E-01	2.52E-01	3.10E-02	5.03E-02
Dissolved and entrained gases					
Total Release	Ci	4.74E-05	8.56E-05	3.10E-04	4.43E-04
Average diluted concentration during period	µCi/ml	1.24E-10	1.79E-10	3.30E-11	4.34E-11
Percent of applicable limit	%	4.13E-03	5.97E-03	1.17E-03	1.45E-03
Gross Alpha radioactivity					
Total Release	Ci	1.38E-07	6.56E-08	7.88E-08	2.17E-07
Alpha Average Concentration	µCi/ml	3.61E-13	1.37E-13	8.40E-15	2.13E-14
Volume of waste released (prior to dilution)	Liters	4.02E05	5.14E05	1.44E06	2.36E06
Volume of dilution water (used during period)	liters	3.82E08	4.77E08	9.38E09	1.02E10

Maximum Concentration (β, γ) Released To Unrestricted Area

Oct. 6, 1982 (1345) - 3.31E-08 µCi/ml

Nov. 10, 1982 (2130) - 3.16E-09 µCi/ml

Dec. 2, 1982 (1900) - 4.44E-07 µCi/ml

YANKEE ATOMIC ELECTRIC COMPANY-ROWE, MASS.
 EFFLUENT AND WASTE DISPOSAL QUARTERLY REPORT
 LIQUID EFFLUENTS
 1982

TABLE 2B

					1982
Nuclides Released	Unit	October	November	December	Quarter (4)
Strontium-89	Ci	3.43E-05	5.55E-05	3.98E-05	1.30E-04
Strontium-90	Ci	4.60E-06	7.47E-06	5.26E-06	1.73E-05
Cesium-134	Ci	1.96E-06	3.61E-06	3.93E-04	3.99E-04
Cesium-137	Ci	2.40E-06	5.55E-06	8.25E-04	8.33E-04
Iodine-131	Ci	1.31E-04	2.59E-06	2.69E-05	1.60E-04
Cobalt-58	Ci	1.46E-06	5.16E-06	7.38E-05	8.04E-05
Cobalt-60	Ci	4.54E-05	3.26E-05	1.62E-04	2.40E-04
Iron-59	Ci	<7.60E-06	<6.81E-06	1.78E-05	1.78E-05
Zinc-65	Ci	<9.48E-06	<8.27E-06	<1.40E-05	<3.17E-05
Manganese-54	Ci	7.81E-06	5.78E-06	2.82E-04	2.96E-04
Chromium-51	Ci	3.56E-06	<2.31E-05	1.42E-05	1.78E-05
Zirconium-Niobium-95	Ci	<5.88E-06	<5.45E-06	5.75E-06	5.75E-06
Molybdenum-99	Ci	<2.30E-05	<8.68E-06	<4.17E-05	<7.34E-05
Technetium-99M	Ci	<2.89E-06	<2.49E-06	<4.17E-06	<9.55E-06
Barium-Lanthanum-140	Ci	<1.18E-05	<1.09E-05	<2.83E-05	<5.10E-05
Cerium-141	Ci	<4.77E-06	<4.08E-06	1.28E-06	1.28E-06
Ruthenium - 103	Ci	<3.15E-06	4.71E-07	<7.64E-06	4.71E-07
Iodine-133	Ci	<3.12E-06	<2.87E-06	3.36E-05	3.36E-05
Selenium-75	Ci	<4.58E-06	<3.80E-06	<8.35E-06	<1.65E-05
Silver-110M	Ci	<5.48E-06	<4.94E-06	<8.85E-06	<1.93E-05
Antimony-124	Ci	<4.74E-06	<4.66E-06	7.06E-07	7.06E-07
Carbon-14	Ci	1.76E-04	1.56E-04	1.98E-04	5.30E-04
Cerium - 144	Ci	<2.17E-05	<1.87E-05	<3.16E-05	<7.20E-05
Unidentified	Ci	<5.50E-07	1.51E-06	1.21E-05	1.36E-06
Antimony - 125	Ci	2.12E-06	1.16E-06	<6.52E-05	3.28E-06
Total for Period(above)	Ci	4.11E-04	2.77E-04	2.09E-03	2.78E-03
Xenon-133	Ci	4.74E-05	8.56E-05	2.96E-04	4.29E-04
Xenon-135	Ci	<9.10E-05	<8.08E-05	1.36E-05	1.36E-05
Tritium	Ci	3.03E00	3.61E00	8.73E00	1.54E01

YANKEE ATOMIC ELECTRIC COMPANY-ROWE, MASS.
SOLID WASTE SHIPMENT REPORT
1982

Evaporator Bottoms	October	November	December	Quarter (4)
ft. ³	1.28E02	4.58E02	3.23E02	9.09E02
Ci	5.70E-02	1.80E-01	1.20E-01	3.57E-01

Dry Compressible Waste	October	November	December	Quarter (4)
ft. ³	1.36E03	1.05E03	1.16E03	3.57E03
Ci	2.37E00	1.04E00	2.37E00	5.78E00

Decontamination Soln.	October	November	December	Quarter (4)
ft. ³	2.25E01	1.50E01	3.75E01	7.50E01
Ci	1.20E-01	2.00E-02	1.20E-01	2.60E-01

Other:	October	November	December	Quarter (4)
ft. ³	--	7.50E00	--	7.50E00
Ci	--	2.00E-03	--	2.00E-03

Solid Waste Disposition

<u>No. of Shipments</u>	<u>Dates</u>	<u>Trans. Mode</u>	<u>Destination</u>
1	10/2/82	Truck	Richland, Washington
1	10/22/82	"	Barnwell, S.C.
1	11/5/82	"	Richland, Washington
1	11/12/82	"	Barnwell, S.C.
1	11/19/82	"	Barnwell, S.C.
1	12/9/82	"	Richland, Washington
1	12/10/82	"	Barnwell, S.C.
1	12/17/82	"	Barnwell, S.C.