CORRECTED TABLE 1A - First and Second Quarters 1980

TABLE 1A

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT (YEAR) 1980

GASEOUS EFFLUENTS–SUMMATION OF ALL RELEASES

	Unit	Quarter 1st	Quarter 2nd	Est. Total Error, %
A. Fission & activation gases				
1. Total release	Ci	2.00 E+1	6.00 E+1	2.5 E+1
2. Average release rate for period	μCi/sec	2.40 E0	7.63 E0	
3. Percent of Technical specification limit	%	1.14 E-1	2.34 E-1	
B. Iodines				
1. Total iodine-131	Ci	3.23 E-4	5.02 E-4	2.5 E+1
2. Average release rate for period	μCi/sec	4.11 E-5	6.38 E-5	
3. Percent of technical specification limit	%	7.06 E-2	5.64 E-2	
C. Particulates				
1. Particulates with half-lives >8 days	Ci	7.37 E-4	5.88 E-4	2.5 E+1
2. Average release rate for period	μCi/sec	9.37 E-5	7.48 E-5	
3. Percent of technical specification limit	%	7.06 E-2	5.64 E-2	
4. Gross alpha radioactivity	Ci	<1.66 E-7	<1.35 E-7	
D. Tritium				
1. Total release	Ci	1.67 E-0	2.16 E-0	2.5 E+1
2. Average release rate for period	μCi/sec	2.12 E-1	2.75 E-1	
3. Percent of technical specification limit	%	E	E	

Corrected Table 2B First and Second Quarters 1980

TABLE 2B

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (YEAR) 1980

LIQUID EFFLUENTS

		CONTINUOUS MODE		BATCH MODE	
Nuclides Released	Unit	1st Quarter	2nd Quarter	1st Quarter	2nd Quarter
strontium-89	Ci	. E	. E	1.54 E-4	2.50 E-4
strontium-90	Ci	2.34 E-3	. E	9.63 E-4	3.89 E-4
cesium-134	Ci	1.94 E-3	. E	1.79 E-2	2.44 E-2
cesium-137	Ci	3.14 E-3	. E	5.00 E-2	5.74 E-2
iodine-131	Ci	. E	. E	1.35 E-2	2.33 E-2
cobalt-58	Ci	1.56 E-3	. E	3.05 E-4	1.83 E-1
cobalt-60	Ci	1.87 E-3	. E	3.31 E-2	2.82 E-2
iron-59	Ci	. E	. E	5.85 E-4	1.88 E-3
zinc-65	Ci	. E	. E	7.36 E-4	5.80 E-4
manganese-54	Ci	1.60 E-3	. E	5.62 E-3	6.63 E-3
chromium-51	Ci	. E	. E	5.46 E-3	266 E-2
zirconium-niobium-95	Ci	. E	. E	2.97 E-3	5.76 E-3
molybdenum-99	Ci	. E	. E	2.63 E-3	1.48 E-3
technetium-99m	Ci	. E	. E	3.70 E-4	4.61 E-4
barium-lanthanum-140	Ci	. E	. E	3.02 E-3	3.66 E-3
cerium-141	Ci	4.92 E-4	. E	7.61 E-4	4.23 E-4
tin 113	Ci	. E	. E	3.91 E-5	3.43 E-4
sodium 24	Ci	. E	. E	9.00 E-6	6.02 E-5
iron 55	Ci	1.44 E-1	3.71 E-1	3.35 E-2	6.66 E-2
nickel 63	Ci	2.53 E-2	2.74 E-2	1.42 E-2	7.25 E-3
	Ci	. E	. E	. E	. E
unidentified	Ci	0.00 E0	0.00 E0	0.00 E0	0.00 E0
Total for period (above)	Ci	1.84 E-1	3.99 E-1	2.22 E-1	4.81 E-1
xenon-133	Ci	. E	. E	5.91 E-2	9.70 E-1
xenon-135	Ci	. E	. E	4.35 E-3	2.99 E-2
manganese 56	Ci			8.51E-5	7.12E-6
cobalt 57	Ci		1.06E-4	1.37E-4	4.23E-4
antimony 122	Ci	2.97E-4		9.80E-5	1.09E-3
antimony 124	Ci			2.72E-4	4.84E-4
antimony 125	Ci			1.16E-3	2.49E-3
silver 110m	Ci			2.27E-4	1.24E-3
Niobium 97	Ci			3.47E-4	1.82E-3
tungsten 187	Ci			1.25E-4	3.79E-4
ruthenium 103	Ci			3.89E-5	4.19E-5
phosphorus 32	Ci			3.58E-3	1.05E-2
cerium 144	Ci	8.61E-4			5.23E-5
cerium 139	Ci	5.29E-4			4.13E-5
barium 133	Ci				2.66E-5
iodine 134	Ci				3.60E-5
rhodium 106	Ci				2.65E-4
cesium 136	Ci				7.64E-5
strontium 85	Ci				5.00E-5
rubidium 88	Ci				1.64E-2
iodine 132	Ci				4.18E-4
iodine 135	Ci				9.56E-4
yttrium 88	Ci				1.63E-3
strontium 92	Ci				6.96E-5

Corrected Table 2B First and Second Quarters 1980

TABLE 2B

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (YEAR) 1980

LIQUID EFFLUENTS

		CONTINUOUS MODE		BATCH MODE	
Nuclides Released	Unit	Quarter	Quarter	Quarter	2nd Quarter
strontium-89	Ci	. E	. E	. E	. E
strontium-90	Ci	. E	. E	. E	. E
cesium-134	Ci	. E	. E	. E	. E
cesium-137	Ci	. E	. E	. E	. E
iodine-131	Ci	. E	. E	. E	. E
cobalt-58	Ci	. E	. E	. E	. E
cobalt-60	Ci	. E	. E	. E	. E
iron-59	Ci	. E	. E	. E	. E
zinc-65	Ci	. E	. E	. E	. E
manganese-54	Ci	. E	. E	. E	. E
chromium-51	Ci	. E	. E	. E	. E
zirconium-niobium-95	Ci	. E	. E	. E	. E
molybdenum-99	Ci	. E	. E	. E	. E
technetium-99m	Ci	. E	. E	. E	. E
barium-lanthanum-140	Ci	. E	. E	. E	. E
cerium-141	Ci	. E	. E	. E	. E
iodine 133	Ci	. E	. E	. E	*4.24* E-3
cesium 138	Ci	. E	. E	. E	*8.17* E-5
	Ci	. E	. E	. E	
mercury 203	Ci	. E	. E	. E	1.11 E-5
yttrium 91m	Ci	. E	. E	. E	*1.46* E-5
unidentified	Ci	. E	. E	. E	. E
Total for period (above)	Ci	. E	. E	. E	. E
xenon-133	Ci	. E	. E	. E	. E
xenon-135	Ci	. E	. E	. E	. E