

TABLE 2B
2nd HALF -- 1983

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

LIQUID EFFLUENTS

Nuclides Released	Unit	CONTINUOUS MODE		BATCH MODE	
		Quarter 3rd	Quarter 4th	Quarter 3rd	Quarter 4th
strontium-89	Ci	N/A	N/A	1.13E-5	3.25E-6
strontium-90	Ci	↓	↓	LLD	LLD
cesium-134	Ci	↓	↓	6.92E-4	5.80E-4
cesium-137	Ci	↓	↓	3.04E-4	3.92E-4
iodine-131	Ci	↓	↓	3.87E-5	4.41E-6
cobalt-58	Ci	↓	↓	5.99E-3	2.36E-3
cobalt-60	Ci	↓	↓	8.88E-3	3.73E-3
iron-59	Ci	↓	↓	1.73E-5	LLD
zinc-65	Ci	↓	↓	LLD	LLD
manganese-54	Ci	↓	↓	1.29E-4	7.50E-7
chromium-51	Ci	↓	↓	1.13E-2	LLD
zirconium-niobium-95	Ci	↓	↓	4.83E-4	8.22E-6
molybdenum-99	Ci	↓	↓	LLD	1.93E-5
technetium-99M	Ci	↓	↓	LLD	2.54E-4
barium-lanthanum-140	Ci	↓	↓	LLD	LLD
cerium-141	Ci	↓	↓	1.38E-4	8.00E-8
cobalt-57	Ci	↓	↓	8.53E-6	7.90E-7
niobium-97	Ci	↓	↓	6.36E-5	6.96E-4
silver-110m	Ci	↓	↓	4.78E-4	1.38E-4
antimony-124	Ci	↓	↓	1.79E-3	2.64E-4
antimony-125	Ci	↓	↓	8.02E-4	3.40E-4
unidentified	Ci	↓	↓	2.33E-5	7.86E-5
Total for period (above)	Ci	↓	↓	3.11E-2	8.87E-3
xenon-133	Ci	↓	↓	8.08E-4	1.01E-1
xenon-135	Ci	↓	↓	LLD	4.00E-4
argon-41	Ci	↓	↓	LLD	5.50E-7
krypton-85	Ci	↓	↓	LLD	4.91E-3
krypton-85m	Ci	↓	↓	LLD	3.00E-7
xenon-131m	Ci	↓	↓	LLD	2.53E-3
xenon-133m	Ci	↓	↓	LLD	7.91E-4

LLD = Below the lower limit detectability in uCi/cc (Table 4)

N/A = NOT APPLICABLE (liquids not discharged in a continuous mode)

8403190324 840305
PDR ADOCK 05000334
R PDR