

TABLE 2B

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT (1982)
LIQUID EFFLUENTS

Nuclides Released	Unit	Continuous Mode		Batch Mode	
		Quarter	Quarter	Quarter	Quarter
strontium-89	Ci	<5.00 E-8	<5.00 E-8	3.10 E-6	<5.00 E-8 *
strontium-90	Ci	<5.00 E-8	<5.00 E-8	7.52 E-6	2.09 E-5
cesium-134	Ci	<5.00 E-7	<5.00 E-7	1.24 E-3	6.32 E-4
cesium-137	Ci	<5.00 E-7	<5.00 E-7	7.23 E-3	3.21 E-3
iodine-131	Ci	<1.00 E-6	<1.00 E-6	<1.00 E-6	<1.00 E-6
cobalt-58	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
cobalt-60	Ci	<5.00 E-7	<5.00 E-7	1.16 E-3	6.31 E-4
iron-59	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
zinc-65	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
manganese-54	Ci	<5.00 E-7	<5.00 E-7	1.21 E-5	<5.00 E-7
chromium-51	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
zirconium-niobium-95	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
molybdenum-99	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
technetium-99m	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
barium-lanthanum-140	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
cerium-141	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
Other (specify)	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	<5.00 E-7
Iron-55	Ci	<1.00 E-6	<1.00 E-6	3.32 E-4	1.94 E-4
Antimony-125	Ci	<5.00 E-7	<5.00 E-7	<5.00 E-7	2.39 E-4
Phosphorus-32	Ci	<1.00 E-6	<1.00 E-6	<1.00 E-6	<1.00 E-6
Total for period (above)	Ci	N/A	N/A	9.98 E-3	4.73 E-3
xenon-133	Ci	<1.00 E-5	<1.00 E-5	<1.00 E-4	<1.00 E-4
xenon-135	Ci	<1.00 E-5	<1.00 E-5	<1.00 E-4	<1.00 E-4

Note: All less than (<) values are in $\mu\text{Ci/ml}$.

* The T.S. LLD of $5\text{E-}8\mu\text{Ci/ml}$ was not achieved during this quarter, due to lack of sufficient volume to obtain required LLD. Backup sample had already been disposed.