

TABLE 2A

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1981)
LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES

CORRECTED

Unit	Quarter 3rd	Quarter 4th	Est. Total Error, %
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A. Fission and activation products

1. Total release (not including tritium, gases, alpha)	Ci		2.85E-2	2.50E1
2. Average diluted concentration during period	µCi/ml		2.02E-9	
3. Percent of applicable limit	%		1.14E 0	

B. Tritium

1. Total release	Ci			
2. Average diluted concentration during period	µCi/ml			
3. Percent of applicable limit	%			

C. Dissolved and entrained gases

1. Total release	Ci			
2. Average diluted concentration during period	µCi/ml			
3. Percent of applicable limit	%			

D. Gross alpha radioactivity

1. Total Release	Ci			
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E. Volume of waste released (prior to dilution)	liters	4.70E 5		1.00E 1
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F. Volume of dilution water used during period.	liters			
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Note: All less than values (<) are in µCi/ml.

*% Tech. Spec. Limits: Listed on Dose Summary Table.

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 LIQUID EFFLUENTS
CORRECTED

Nuclides Released	Unit	Continuous Mode		Batch Mode	
		Quarter 3rd	Quarter 4th	Quarter 3rd	Quarter 4th
strontium-89	Ci				<5E-8
strontium-90	Ci				3.77E-5
cesium-134	Ci				2.76E-3
cesium-137	Ci				2.22E-2
iodine-131	Ci				
cobalt-58	Ci				
cobalt-60	Ci				2.16E-3
iron-59	Ci				
zinc-65	Ci				
manganese-54	Ci				
chromium-51	Ci				
zirconium-niobium-95	Ci				
molybdenum-99	Ci				
technetium-99m	Ci				
barium-lanthanum-140	Ci				
cerium-141	Ci				
Other (specify)	Ci				
SB-125	Ci				
P-32	Ci				<1E-6
Fe-55	Ci				1.19E-3
Ag-110M		< 5E-7	<5E-7	<5E-7	2.03E-5
Total for period (above)	Ci				2.85E-2
xenon-133	Ci				
xenon-135	Ci				