

SALEM GENERATING STATION
TABLE 1A-1
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT
JANUARY - JUNE 1988

UNIT 1
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

	Units	1st Quarter	2nd Quarter	Est. Total(1) Error, %
A. Fission and Activation Gases				
1. Total release	Ci	2.30E+02	2.00E+02	50
2. Average release rate for period	uCi/sec.	2.93E+01	2.55E+01	
3. Percent of technical specification limit (T.S. 3.11.2.2(a))	%	1.73E-01	1.57E-01	
B. Iodines				
1. Total iodine-131	Ci	4.58E-06	1.09E-04	25
2. Average release rate for period	uCi/sec.	5.83E-07	1.39E-05	
3. Percent of technical specification limit (2) (T.S. 3.11.2.3(a))	%	9.39E-03	6.50E-03	
C. Particulates				
1. Particulates with half-lives > 8 days	Ci	1.42E-03	2.27E-05	25
2. Average release rate for period	uCi/sec.	1.80E-04	2.89E-06	
3. Percent of technical specification limit (2) (T.S. 3.11.2.3(a))	%	9.39E-03	6.50E-03	
4. Gross alpha radioactivity	Ci	0.00E+00		
D. Tritium				
1. Total release	Ci	2.39E+02	2.28E+01	50
2. Average release rate for period	uCi/sec.	3.03E+01	2.90E+00	
3. Percent of technical specification limit (2) (T.S. 3.11.2.3(a))	%	9.39E-03	6.50E-03	

- (1) For batch releases the estimated overall error is within 10%.
(2) Iodine, tritium, and particulates are treated as a group.

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