

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

September 18, 1979

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Serial No. 719A  
PO/RMT:baw  
Docket No. 50-338  
License No. NPF-4

Dear Mr. O'Reilly:

In reference to our recently submitted "Radioactive Effluent Release Report" for North Anna Power Station Unit No. 1, serial no. 719 of September 10, 1979, two pages contained in the report are in error. We are hereby forwarding the attached revised pages to be inserted into the report.

Very truly yours,

*C. M. Stallings*

C. M. Stallings  
Vice President-Power Supply  
and Production Operations

Attachment

cc: Mr. Victor Stello, Director  
Office of Inspection and Enforcement (6 copies)

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TABLE 1A  
EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT (1979)  
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASE  
NORTH ANNA POWER STATION  
DOCKET 50-338

	UNIT 1	1ST QUARTER	2ND QUARTER	EST. TOTAL ERROR %
A. Fission & Activation gases				
1. Total release	Ci	3.33 E+03	1.45 E+03	1.5 E+01
2. Average release rate for period	µCi/sec	4.24 E+02	1.84 E+02	
3. Percent of Technical Specification limit	%	1.65 E-01	7.18 E-02	
B. Iodines				
1. Total Iodine-131	Ci	3.69 E-03	2.00 E-02	1.5 E+01
2. Average release rate for period	µCi/sec	4.69 E-04	2.54 E-03	
3. Percent of Technical Specification limit	%	3.69 E-01	2.00 E-00	
C. Particulates				
1. Particulates with half-lives > 8 days	Ci	2.24 E-05	9.50 E-04	1.5 E+01
2. Average release rate for period	µCi/sec	2.85 E-06	1.21 E-04	
3. Percent of Technical Specification limit	%	5.35 E-05	2.27 E-07	
4. Gross Alpha radioactivity	Ci	1.36 E-05	5.29 E-05	
D. Tritium				
1. Total release	Ci	6.33 E-01	6.29 E-01	1.50 E+01
2. Average release rate for period	µCi/sec	8.05 E-02	8.00 E-02	
3. Percent of Technical Specification limit	%			

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TABLE 2A  
EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT (1979)  
LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES  
NORTH ANNA POWER STATION  
DOCKET 50-338

	UNIT 1	1ST QUARTER	2ND QUARTER	EST. TOTAL ERROR %
A. Fission & Activation products				
1. Total release (not including tritium, gases, alpha)	Ci	1.22 E-01	7.55 E-02	1.50 E+01
2. Average diluted concentration during period	µCi/ml	2.92 E-10	1.86 E-10	
3. Percent of applicable limit	%	1.22 E+00	7.55 E-01	
B. Tritium				
1. Total release	Ci	1.1 E+02	6.6 E+01	1.50 E+01
2. Average diluted concentration during period	µCi/ml	2.63 E-07	1.62 E-07	
3. Percent of applicable limit	%	8.77 E-03	5.40 E-03	
C. Dissolved and entrained gases				
1. Total release	Ci	1.18 E 00	1.31 E-01	1.50 E+01
2. Average diluted concentration during period	µCi/ml	2.82 E-09	3.22 E-10	
3. Percent of applicable limit	%	7.05 E-03	8.05 E-04	
D. Gross Alpha radioactivity				
1. Total release	Ci			
E. Volume of waste released (prior to dilution)				
	Liters	2.63 E +07	9.24 E+06	
F. Volume of dilution water used during period				
	Liters	4.18 E+11	4.07 E+11	975 291