

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 8, 1980

Mr. Victor Stello, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 107
PO/RMT:baw
Docket No. 50-338
License No. NPF-4

Dear Mr. Stello:

Pursuant to Title 10, Code of Federal Regulations, Section 20.407(b)(1), the Virginia Electric and Power Company hereby submits the attached report of Annual Whole Body Exposures for North Anna Power Station.

Very truly yours,

C. M. Stallings

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

cc: Mr. James P. O'Reilly

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RECORDED ANNUAL WHOLE BODY EXPOSURE REPORT

FOR THE

NORTH ANNA POWER STATION

FOR THE PERIOD

JANUARY 1, 1979 - DECEMBER 31, 1979

Prepared by

R.R. Irwin
R.R. Irwin

Reviewed by

D.M. Hopper
D.M. Hopper Supervisor Health
Physics

Approved by

W.R. Cartwright
W.R. Cartwright-Station Manager

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FORWARD

THIS REPORT IS SUBMITTED AS REQUIRED BY TECHNICAL SPECIFICATIONS
6.9.1.4 AND 6.9.1.5 FOR NORTH ANNA POWER STATION UNIT 1, AND
10 CFR PART 20 SEC. 20.407 (b) (2).

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NORTH ANNA POWER STATIONLICENSE NO. NPF-04RECORDED ANNUAL WHOLE BODY EXPOSURESCALENDAR YEAR 1979

<u>Dose Range</u> <u>(Rem)</u>	<u>Number of</u> <u>Individuals</u>
No measurable exposure	<u>230</u>
0.001 - .099	<u>1363</u>
0.100 - 0.249	<u>223</u>
0.250 - 0.499	<u>176</u>
0.500 - 0.749	<u>124</u>
0.750 - 0.999	<u>37</u>
1.000 - 1.999	<u>91</u>
2.000 - 2.999	<u>9</u>
3.000 - 3.999	<u>2</u>
4.000 - 4.999	<u>0</u>
5.000 - 5.999	<u>0</u>
6.000 - 6.999	<u>0</u>
7.000 - 7.999	<u>0</u>
8.000 - 8.999	<u>0</u>
9.000 - 9.999	<u>0</u>
10.000 - 10.999	<u>0</u>
11.000 - 11.999	<u>0</u>
> 12.000	<u>0</u>
Total number of individuals reported	<u>2255</u>

The above information is submitted for the total number of individuals for whom individual monitoring was provided during the calendar year.

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VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

LICENSE NO. NPF-04

MAN-REM EXPOSURE - JOB FUNCTION

JANUARY - DECEMBER 1979

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STATION EMPLOYEES			UTILITY EMPLOYEES			SUB-CONTRACTURAL EMPLOYEES		
Job Function	Number of Individuals	Total Dose Rem	Job Function	Number of Individuals	Total Dose Rem	Job Function	Number of Individuals	Total Dose Rem
Reactor Operations and Surveillance	146	34.760	Reactor Operations and Surveillance	214	1.536	Reactor Operations and Surveillance	26	6.411
Refueling	130	7.355	Refueling	14	0.158	Refueling	173	19.488
S/G Inspection and Special Maintenance	152	15.053	S/G Inspection and Special Maintenance	10	1.335	S/G Inspection and Special Maintenance	175	54.750
Primary System Maintenance	201	78.016	Primary System Maintenance	0	0.000	Primary System Maintenance	26	4.982
Waste Disposal	44	1.412	Waste Disposal	0	0.000	Waste Disposal	25	0.922
Inservice Inspections	12	0.416	Inservice Inspections	0	0.000	Inservice Inspections	50	10.332
Neutron Shielding	11	1.120	Neutron Shielding	0	0.000	Neutron Shielding	74	6.724