

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 15, 1977

Central File

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 392/090177
PO&M/TAP:dgt
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. O'Reilly:

This is in response to your letter of September 1, 1977, in reference to the inspection conducted at Surry Power Station on August 18-21, 1977, and reported in inspection reports IE-50-280/77-23 and 50-281/77-23.

We have reviewed your letter and the enclosed inspection reports and have determined that no proprietary information is contained in the reports. Accordingly, the Virginia Electric and Power Company interposes no objection to these inspections reports being made a matter of public disclosure.

Very truly yours,

C. M. Stallings

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

cc: Mr. Robert W. Reid

9



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
230 PEACHTREE STREET, N.W. SUITE 1217
ATLANTA, GEORGIA 30303

SEP 1 1977

In Reply Refer To:

RII:FJ

50-280/77-23

50-281/77-23

Virginia Electric and Power Company
Attn: Mr. W. L. Proffitt
Senior Vice President,
Power
P. O. Box 26666
Richmond, Virginia 23261


Gentlemen:

This refers to the inspection conducted by Mr. Frank Jape of this office on August 18-21, 1977, of activities authorized by NRC Operating License Nos. DPR-32 and DPR-37 for the Surry Unit 1 and 2 facilities, and to the discussion of our findings held with Mr. W. L. Stewart at the conclusion of the inspection.

Areas examined during the inspection and our findings are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

Within the scope of this inspection, no items of noncompliance were disclosed.

In accordance with Section 2.790 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you (or your contractor) believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must include a full statement of the reasons on the basis of which it is claimed that the information is proprietary, and should be prepared so that proprietary information identified in the application is contained in a separate part of the document. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

A handwritten signature, possibly "P", is located in the bottom right corner of the page.

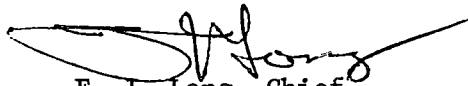
SEP 1 1977

Virginia Electric and Power
Company

-2-

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Very truly yours,



F. J. Long, Chief
Reactor Operations and Nuclear
Support Branch

Enclosure:

RII Inspection Report Nos.

50-280/77-23

50-281/77-23



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
230 PEACHTREE STREET, N.W. SUITE 1217
ATLANTA, GEORGIA 30303

Report Nos.: 50-280/77-23 and 50-281/77-23

Docket Nos.: 50-280 and 50-281

License Nos.: DPR-32 and DPR-37

Licensee: Virginia Electric and Power Company
P. O. Box 26666
Richmond, Virginia 23261

Facility Name: Surry Units 1 and 2

Inspection at: Surry Power Station, Surry, Virginia

Inspection conducted: August 18-21, 1977

Inspector-in-Charge: F. Jape

Accompanying Personnel: None

Reviewed by: R. C. Lewis
R. C. Lewis, Chief
Reactor Projects Section No. 2

9/11/77
Date

Inspection Summary

Inspection on July 19-21, 1977 (Report Nos. 50-280/77-19 and 50-281/77-19)

Areas Inspected: Routine, unannounced inspection of plant operations, conduct of maintenance and Quality Assurance activities. The inspection involved 28 inspector-hours on site by one NRC inspector.

Results: Of the three areas inspected, no items of noncompliance or deviations were found.

DETAILS

Prepared by: B.C. Lewis
for F. Jape, Reactor Inspector
Reactor Projects Section No. 2
Reactor Operations and Nuclear
Support Branch

9/1/77

Date

Dates of Inspection: August 18-21, 1977

Reviewed by: B.C. Lewis
R. C. Lewis, Chief
Reactor Projects Section No. 2
Reactor Operations and Nuclear
Support Branch

9/1/77

Date

1. Persons Contacted

T. L. Baucom, Station Manager
W. L. Stewart, Superintendent, Station Operations
D. S. Taylor, Supervisor Mechanical Maintenance
J. L. Wilson, Operating Supervisor
T. A. Swanson, Shift Supervisor
L. A. Wagner, Shift Supervisor
S. R. Burgold, Assistant Shift Supervisor
D. R. Sanderson, Assistant Shift Supervisor
B. C. Delamorton, Control Room Operator
E. O. Harding, Control Room Operator
R. L. Trevillian, Jr., Control Room Operator
B. Purdy, Auxiliary Operator
D. Ramney, Auxiliary Operator
C. Crommby, Control Room Operator
R. W. Cephas, Quality Assurance Engineer

2. Licensee Action on Previous Inspection Findings

Not applicable.

3. Unresolved Items

No new unresolved items were identified.

4. Exit Interview

An exit management interview was held with W. L. Stewart on August 21, 1977. The scope and findings of the inspection were summarized. The licensee representative had no questions or dissenting comments regarding the inspection.

5. Plant Operations

The inspector reviewed plant operations to ascertain conformance with regulatory requirements, technical specifications and administrative procedures. Station logs, such as the Shift Supervisors Log, Control Room Operators Log and the Minimum Equipment Log were reviewed using Administrative Procedure 29, "Conduct of Operations," Section 29.1.2 and Technical Specification 6.5 as guidance.

Four shift turnovers from mid shift to day shift were observed. Two different shift crews were observed due to the rotating shift schedule. The turnovers were conducted as prescribed in Section 29.3.1 of ADM 29. Activities by supervision and operations during the shift were also observed and found to comply with Section 29.3.2 of ADM 29.

The number of personnel available on each shift exceeded the minimum required by Technical Specification 6.1 B.3. Operators were responsive to annunciator alarms and were fully cognizant of plant status. During the inspection two significant events plus a reactor startup occurred on Unit 1 providing the inspector an opportunity to observe operator and supervisory reaction to these events. The first event involved a dropped control rod and the second was a turbine runback. The startup occurred after the unit was shutdown to repair the dropped control rod. Unit 2 operated at design power throughout the inspection period. There were no items of noncompliance or deviations identified within the areas inspected.

6. Plant Tour

The inspector accompanied plant operators on their routine patrol of the auxiliary building and the outside service areas. Observations were made regarding the general plant housekeeping and cleanliness, ongoing activities, status of operating equipment, security practices and radiation control practices. In general, the housekeeping and cleanliness were found to be satisfactory. The nonradiation areas were found to be less cluttered than areas within the auxiliary building. No problems were observed regarding operating equipment during the tour. Security and radiation control practices were adhered to during the tour.

7. Maintenance

The inspector reviewed the records of two recently completed maintenance requests. These were overhaul of the containment air compressor

and repair of valve PCV-2455A. The documentation was found to be in accordance with Section 16, "Corrective Actions," of the NPSQA manual.

Detailed procedures were utilized for each job. Workmen had signed and dated each step as required, and performed the required post maintenance checkout. Acceptance criteria specified within the procedure were met.

8. Quality Assurance

The inspector reviewed activities conducted by Quality Assurance Staff in support of plant operations. The requirement for performing these activities is delineated in Section 4.3.4 of the VEPCO NPSQA Manual. Periodic audits are required to be conducted by the Station staff. Audits are conducted on an annual schedule, and weekly surveillances are performed on security, radiation protection or operations.

Weekly surveillance reports for the past four weeks were reviewed. These reports covered security, fire protection, chemistry and radiation protection. A written report was prepared and distributed. Followup of the findings were completed for inprocess on these reports. The program appeared to be functioning as prescribed.

The file records for the annual audits for the following areas were reviewed:

- a. Mechanical Maintenance
- b. Operator Training, and
- c. Maintenance training.

Followup on deficient audit items was also examined. Implementation of these audit requirements were found to be in agreement with the program.