



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

Report Nos.: 50-280/79-10 and 50-281/79-12

Licensee: Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Facility Name: Surry Power Station

Docket Nos.: 50-280 and 50-281

License Nos.: DPR-32 and DPR-37

Inspection at Surry, Virginia

Inspector: *S. A. Elrod*
S. A. Elrod

3/9/79
Date Signed

Approved by: *F. S. Cantrell*
F. S. Cantrell, Acting Section Chief, RONS

3/9/79
Date Signed

SUMMARY

Inspection on February 14-16, 1979

Areas Inspected

This routine, unannounced inspection involved 26 inspector-hours on-site in the areas of protection of components in containment, tag out practices, long-term layup, and temporary ventilation.

Results

Of the four areas inspected, no apparent items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

- *W. L. Stewart, Station Manager
- *R. L. Baldwin, Supervisor, Administrative Services
- *F. L. Rentz, Resident QC Engineer
- *J. W. Martin, Jr., Supervisor, QA
- *R. M. Smith, HP Supervisor
- *P. P. Nottingham, Assistant HP Supervisor
- *T. J. Kenny, Outage Coordinator
- *W. W. Cameron, System Superintendent, Technical Services
- *J. Pickworth, Senior Engineer, Technical Q/C
- *E. Heiland, Engineering Technician
- *E. P. DeWandel, Staff Assistant
- *R. F. Saunders, Superintendent, Maintenance
- *J. L. Wilson, Superintendent, OPS
- *A. L. Parrish, SGRP Manager
- *M. Terrier, System Fire Protection Engineer
- *Y. P. Mangus, Resident Engineer, Project Control
- *T. J. Hronec, Safety/Security Coordinator
- *C. W. Rhodes, Resident Engineer, Construction
- *J. Bolin, Engineering Technician
- *B. R. Sylvia, Director, Nuclear Operations
- *J. Goodson, SGRP QC Supervisor

Other licensee employees contacted included several construction craftsmen, operators and office personnel.

Other Organizations

*M. Randolph, Stone and Webster

NRC Resident Inspector

*D. J. Burke

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on February 16, 1979 with those persons indicated in Paragraph 1 above. The licensee was informed that no items of noncompliance were disclosed by the inspection. The items listed in Paragraphs 5 through 8 were discussed.

With respect to the unresolved item covered in Paragraph 7, the licensee asked who the person was who was asked to provide the additional material.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items are matters about which more information is required to determine whether they are acceptable or may involve noncompliance or deviations. New unresolved items identified during this inspection are discussed in Paragraph 7.

5. Protection of Components in Containment

It was ascertained that this work had not been accomplished yet. Discussion with the engineer revealed that he was working closely with construction supervision concerning detailed planning for Engineering Task Evaluation (ETA) 10059, "Protection of Containment Components". Protection of reactor plant components will be reviewed in detail during a subsequent inspection (281/79-12-02). No items of noncompliance or deviations were identified.

6. Tag Out Practices

The inspector verified, during interviews with operations group supervisors and the operations group maintenance coordinator that:

- a. Coordination exists between construction group engineers and the operators group maintenance coordinator with respect to requests for tag outs and recommended items to be tagged.
- b. The operations group maintenance coordinators staff has a program to independently review tag out requests.
- c. The shift supervisor was being informed of anticipated interfaces with construction (via the station order book).

No items of noncompliance or deviations were identified.

7. Long-Term Layup

The licensee's license amendment submittal, titled Steam Generator Repair Program, Surry Power Station, Unit Nos. 1 and 2, Section 3.4 says that, as one of the post-shutdown activities, they will place

systems in the appropriate condition for long-term layup (i.e., approximately six months). This commitment is recognized by Section 2.4 of the safety evaluation made by the U.S. Nuclear Regulatory Commission, the Office of Nuclear Reactor Regulation, dated December 15, 1978. Since the present shutdown is of such a duration and encompasses an extent of work not normally encountered by a reactor plant with an operating license, it appears that some special prior programmatic evaluation be given to the conditions to be encountered and a plan for the layup conditions be developed. As of the time of the exit interview, the plant management responsible for operating the systems produced no evidence of such an evaluation. The Director-Production Technical Support from corporate headquarters indicated that his engineers had previously performed an evaluation. No results of that evaluation were available to the inspector nor apparently in the hands of plant management during the inspection.

Unresolved Item: This matter of placing systems in proper condition for long-term layup is considered an unresolved item pending receipt from the licensee and evaluation of the material alluded to by the Director-Production Technical Support and pending evaluation of the actual plant conditions in relation to those shown in the above material (281/79-12-01).

8. Temporary Ventilation

The inspector reviewed progress toward completion of the temporary containment purge system. This system will be used to maintain the containment at a slight vacuum compared to the outside and to filter contaminants generated during maintenance activities, freeing the permanent system for use in case of shutdown of the operating plant. Currently, the permanent system is being used to support Unit 2 maintenance. Construction appeared to be progressing rapidly with completion expected in a matter of days. Within this area, no items of noncompliance or deviations were identified.