



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

Report Nos. 50-280/79-43 and 50-281/79-63

Licensee: Virginia Electric and Power Company  
Richmond, Virginia 23261

Facility Name: Surry Power Station Units 1&2

Docket Nos. 50-280 and 50-281

License Nos. DPR-32 and DPR-37

Inspection at Surry Site near Williamsburg, Virginia

Inspector:

*J. D. Wilcox, Jr.*  
J. D. Wilcox, Jr.

*8/1/79*  
Date Signed

Approved by:

*J. E. Bryant*  
J. E. Bryant, Section Chief, RC&ES Branch

*8/1/79*  
Date Signed

#### SUMMARY

Inspected on July 18-20, 1979

#### Areas Inspected

This routine unannounced inspection involved 16 inspector-hours onsite in the areas of construction status, licensee action on previous inspection findings, nonconformance report review, and observation of safety-related work activities.

#### Results

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

## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*J. L. Wilson, Superintendent, Operations
- \*D. A. Christian, Engineering Supervisor
- \*D. L. Hahn, Maintenance Coordinator
- \*J. Goodson, Quality Control, Steam Generator Project
- \*J. Maciejewski, NDT Supervisor
- \*D. Kildoo, Quality Control
- \*R. Baldwin, Administrative Supervisor
- \*W. Skelley, Administrative Assistant, Steam Generator Project
- \*O. J. Costello, Administrative Assistant
- A. L. Parrish, III, Project Manager, Steam Generator Project
- E. J. Rivas, Resident Engineer Construction - Outside Containment

Other Licensee Employees contacted included four construction craftsmen, two technicians, two security force members, and three office personnel.

#### NRC Resident Inspector

\*D. K. Burke

\*Attended exit interview

### 2. Exit Interview

The Inspection scope and findings were summarized on July 20, 1979, with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

a. (Closed) Unresolved item (50-281/79-08-04 and 50-281/79-09-04), Gummed labels and tape. The licensee has tested gummed labels and tape of the type which are fixed to various stainless steel fittings. From this test, it has been determined that the labels and tape contains less than 0.10 percent by weight of halogen and sulfur. This action is documented in VEPCO's memo from R. F. Sanders to R. F. Kemper dated May 18, 1979.

No further action is required.

b. (Closed) Unresolved item (50-281/79-22-01), Long-term short-term storage of new steam generator assemblies. The term "short-term storage" has been redefined by the licensee as: "the storage condition which is implemented on the basis of an inert purge-bleed system rather than a vacuum dehydration with an air-tight seal." In addition

the licensee has committed to the following: to assure that the cleanliness of the unit is not jeopardized a thorough inspection will be performed after the generator has been set in place in the containment. This criteria complies with the past and present storage conditions of the new steam generator lower assemblies. This action is documented on VEPCO's memo from E. J. Rivas to J. Goodson dated April 14, 1979.

No further action is required.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort

a. Construction Status

The 'A' and 'C' cubicle steam generator girth welds are being welded. The 'B' cubicle steam generator girth weld is in its final stages with the required non-destructive examination being performed. The reactor coolant piping identified as EP-5 to the 'B' steam generator is being installed. The containment crane wall is being repaired.

b. Nonconformance Reports (NCR)

The inspector examined the following VEPCO nonconformance reports for completeness, description noted and corrective action/disposition assigned:

<u>Report No.</u>	<u>Description</u>
79-210	Feedwater ring bridge support
79-216	CTMT Floor Modification

No items of noncompliance or deviations were identified in the areas inspected.

c. Observation of Safety-Related Work Activities

The majority of time spent during this inspection involved the observation of the following safety-related work:

1. Welding of the steam generator girth welds, 'A' and 'C' cubicles - Engineering Task Assignment (ETA)-40006.
2. Non-destructive examination of the steam generator girth weld, 'B' cubicle - ETA-40006.
3. Installation of the reactor coolant pipe EP5 to 'B' steam generator - ETA-40004.

4. Repair of the containment crane wall - ETA-40019.

No items of noncompliance or deviation were identified in the areas inspected.