



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

Report No.: 50-280/79-5 and 50-281/79-5

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

Facility Name: Surry 1 and 2

Docket No.: 50-280 and 50-281

License No.: DPR-32 and DPR-37

Inspection at Surry Site, Surry, Virginia

Inspector: *S. C. Ewald* 2/9/79  
 S. C. Ewald, Radiation Specialist Date Signed

Accompanying Personnel: *A. F. Gibson* 2/15/79  
 for A. F. Gibson, Chief RSS, FFMS Branch Date Signed

Approved by: *A. F. Gibson* 2/15/79  
 for A. F. Gibson, Section Chief RSS, FFMS Branch Date Signed

SUMMARY

Inspection on January 18, 1979

Areas Inspected

This special, announced inspection involved 12 inspector-hours onsite in the areas of radiation protection programs and facilities associated with the steam generator replacement project.

Results

No items of noncompliance or deviations were identified.

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

W. L. Stewart, Station Manager

\*P. P. Nottingham, Health Physics Coordinator - SGRP

\*R. M. Smith, Health Physics Supervisor

NRC Resident Inspector

D. J. Burke

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on January 18, 1979 with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

No unresolved items were identified during this inspection.

### 5. Steam Generator Replacement Project (SGRP) Briefing

The inspectors participated in a SGRP overview briefing with licensee representatives on January 18. Presentations by licensee representatives included brief descriptions of various phases of the project and a discussion of VEPCO plans and commitments to maintain occupational radiation exposures resulting from the project as low as reasonably achievable (ALARA).

### 6. SGRP Facility Tours

- a. The inspectors met with the Health Physics Supervisor and the SGRP Health Physics Coordinator and toured several facilities associated with the SGRP as discussed below. The inspectors examined a training makeup of reactor coolant pipe with a contamination tent and pipe cutting equipment. The inspectors toured the clean change building

constructed for the SGRP and discussed worker traffic flow for personnel entering containment, exiting containment, contamination frisking, and decontamination.

- b. The inspectors were shown facilities in use for fabrication of various gloveboxes, contamination tents and lead-wool blankets. All tents and gloveboxes will be designed and fabricated on-site. The inspectors discussed the use of gloveboxes for contaminated pipe cuts with licensee representatives. The SGRP Health Physics Coordinator stated current plans are to construct tents for large pipe cuts and gloveboxes for all small pipe cuts. Estimates call for approximately 15 glovebox type cuts per steam generator.