



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

Report No. 50-281/79-38

Licensee: Virginia Electric and Power Company  
Richmond, Virginia 23261

Facility Name: Surry Power Station Unit No. 2

Docket No. 50-281

License No. DPR-37

Inspection at Surry site near Williamsburg, Virginia

Inspector:

J. D. Wilcox, Jr.

6/11/79

Date Signed

Approved by:

J. C. Bryant, Section Chief, RCES Branch

6/11/79

Date Signed

## SUMMARY

Inspection on May 22-25, 1979

## Areas Inspected

This routine, unannounced inspection involved twenty-two inspector-hours onsite in the areas of construction status, engineering task assignments (ETA) review, licensee action on previous inspection findings, and observation of helicoil replacement on the steam generator feet.

## Results

Of the four areas inspected, no apparent items of noncompliance or deviations were identified in three areas; one apparent item of noncompliance was found in one areas (Deficiency - steam generator support feet helicoil replacement - paragraph 5c).

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

\*W. L. Stewart, Station Manager  
\*R. F. Saunders, Superintendent, Maintenance  
\*T. A. Peebles, Superintendent, Technical Services  
\*R. F. Baldwin, Supervisor, Administrative Services  
\*F. L. Rentz, Resident QC Engineer  
\*C. W. Rhodes, Resident Engineer, Construction SGRP  
\*J. Goodson, QC Engineer, SGRP  
\*E. P. Dewandel, Staff Assistant  
\*W. R. Skelley, Jr., Staff Assistant SGRP  
\*T. J. Kenny, Engineer Supervisor, SGRP Outage Coordinator  
    C. Boggess, Shipping & Receiving Superintendent  
    M. Randolph, Construction Engineer  
    A. L. Parrish, III, SGRP Manager

Other licensee employees contacted included two technicians, three mechanics, two security force members, and four office personnel.

#### Other organizations

T. O'Hara, Site Representative, Westinghouse (W)

F. Smith, Engineering Manager, Daniels Construction Company (Daniels)  
T. Lawson, Q. C. Manager, Daniels Construction Company (Daniels)

#### NRC Resident Inspector

\*D. K. Burke

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on May 25, 1979 with those persons indicated in Paragraph 1 above. The scope of the inspection was discussed. The deficiency concerning helicoil replacement on the steam generator feet was discussed in detail.

### 3. Licensee Action on Previous Inspection Findings

(Closed) Deviation (281/79-14-01); "Inadequate records - nitrogen purge of S.G. lower assembly. A followup inspection was made on the VEPCO response dated April 19, 1979. This inspection ensured that all corrective steps stated in the response had been performed on the records to S. G. lower assemblies identified as #2927, #9273 & #2981. These records are adequate

and are being maintained in accordance with Westinghouse NPT 91, 94 and VEPCO quality assurance procedures. This item is closed.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort

a. Construction Status

Portions of the reactor coolant (RC) piping are being decontaminated for weld preparation and end prep machining. Machine weld prep of "C Cubicle" RC pipe on the valve end and on the pump end are being accomplished. Due to the reworking and NDE of lower shell S. G. supports there has been some delay in the reinstallation of the new lower shells.

b. Engineering Task Assignments (ETA)

The inspector examined the following VEPCO ETA's for completeness, sign-offs, dates, and documentation:

ETA #	Title
20027	Polar Crane Misc Procedure (Load Test & Index)
30007	Cutting Feedwater Piping

The ETA's reviewed were found to be handled and documented in a thorough and objective manner.

No item of noncompliance or deviations were identified in the above area inspected.

c. Observation of Helicoil Replacement on the Steam Generator Feet

The inspector observed Daniels mechanics replacing several helicoils in the new steam generator lower assembly support feet. It was noted that the mechanics were working under the authority of a VEPCO furnished speed letter with attached instruction for a procedure to replace the helicoils. These instructions were issued by the cognizant responsible engineer with stated Westinghouse approval. The task of replacing the helicoils was within the capabilities of the mechanics performing the work and the instructions were technically satisfactory. However, the instructions were not issued nor approved in the manner specified by VEPCOs Nuclear Power Station Quality Assurance Manual. This is identified as deficiency 281/79-38-01, "Steam Generator Support Feet - Helicoil Replacement".