

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

August 16, 1978

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Serial No. 469
PO&M/DLB:das
Docket No. 50-281
License No. DPR-37

Dear Mr. O'Reilly:

Pursuant to Surry Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following Licensee Event Report for Surry Unit No. 2.

Report No.	Applicable Technical Specification
LER 78-027/03L-0	T.S. 6.6.2.b.(2)

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,

C. M. Stallings

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

Enclosures (3 copies)

cc: Dr. Ernst Volgenau, Director (30 copies)
Office of Inspection and Enforcement

Mr. William G. McDonald, Director (3 copies)
Office of Management Information
and Program Control

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Surry Power Station, Unit 2
Docket No: 50-281
Report No: 78-027/03L-0
Event Date: 7-18-78

Snubber Inspection Results

1. Description of Event:

With the unit shutdown, conduct of snubber visual inspection (PT-39B) resulted in 7 snubbers evaluated as not meeting the acceptance criteria as follows:

- a) Six snubbers with inadequate reservoir levels.
- b) One snubber with a questionably mounted reservoir.

These conditions are reportable in accordance with Technical Specifications 6.6.2.b.(2).

2. Probable Consequences/Status of Redundant Systems:

The conditions listed above indicated that some degradation of the seismic protection of the units has occurred. Since this protection is provided for a low probability event and since these snubbers represent a small percentage of the total seismic restraint installation, unit operation was normal from startup to shutdown. The health and safety of the public were not affected.

3. Cause:

The cause of the conditions noted are evaluated as being random and are related to the current state-of-the-art for hydraulic snubbers.

4. Immediate Corrective Action:

Immediate corrective actions were as follows:

(Key to 1 above)

- a. Source of leaks determined and corrected. Snubbers either replaced and/or rebuilt, evacuated, filled, and tested.
- b. Snubber replaced with tested shop spare.

5. Subsequent Corrective Action:

Prior to unit startup, all snubbers were verified operable by visual inspection criteria.

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Snubber Inspection Results (Continued)

6. Actions Taken to Prevent Recurrence:

Conditions described in this report have determined a 62-day inspection interval for this unit in accordance with Technical Specification 4.17.A.

7. Generic Implications:

The generic implications are those associated with hydraulic systems in general, i.e. leakage, seal life, compatibility with environment. These matters are a state-of-the-art problem.