



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

Report Nos.: 50-338/84-17 and 50-339/84-17

Licensee: Virginia Electric and Power Company
Richmond, VA 23261

Docket Nos.: 50-338 and 50-339

License Nos.: NPF-4 and NPF-7

Facility Name: North Anna 1 and 2

Inspection Dates: May 29 - 31, 1984

Inspection at North Anna site near Mineral, Virginia

Inspector:

N. Economos
N. Economos

6-8-84
Date Signed

Approved by:

J. J. Blake
J. J. Blake, Section Chief
Engineering Branch
Division of Reactor Safety

6/8/84
Date Signed

SUMMARY

Areas Inspected

This routine unannounced inspection involved 23 inspector-hours on site in the areas of previous identified unresolved, inspector followup items and health physics training for issuance of expired badge.

Results: No violations or deviations were identified.

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PDR ADOCK 05000338
G PDR

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *E. W. Harrell, Station Manager
- *W. R. Cartwright, Manager, Nuclear Operations Support
- D. Smith, Coordinate ISI
- *L. A. Johnson, Superintendent Technical Services
- *S. B. Eisenhart, Licensing Coordinator
- J. W. Grubbs, Maintenance Engineer
- L. Hartz, Engineer IST (IWP/IWV)

Other licensee employees contacted included technicians and office personnel.

NRC Resident Inspector

M. Branch

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on May 31, 1984, with those persons indicated in paragraph 1 above.

3. Licensee Action on Previous Enforcement Matters

(Closed) UNR 338/81-04-03, Applicable Weld Code Discrepancy.

Corporate Welding Manual Volume II entitled ASME B&PV Welding and Volume VI Welder and Brazer Performance and Qualifications have been revised, approved and issued to the field for implementation. Referencing Codes include ASME Section XI (74S75) for repairs governed by this section of the Code, Section IX (80S81) for control of weld procedure qualifications, and Section IX latest edition for control of welder performance qualifications. This item is closed.

(Closed) UNR 338, 339/83-09-02 Valve Stroke Time Increase Limits.

The documentation of " ΔT " Delta stroke time as required by IWV-3400 has been incorporated as an engineering sign-off step to all applicable procedures. The licensee requested and received relief, from the requirements of IWV-3410(c)(3) on an interim basis, for power operated valves where actual stroke times are less than two seconds. In these cases when calculating ΔT for these valves, stroke times of <2 (two) seconds will

be rounded off to 2 (two) seconds. The inspector verified implementation by review and evaluation of periodic test (PT) reports for valves:

Unit 1

MOV-1867C
MOV-1867D
MOV-1890A
MOV-1890B

Unit 2

MOV-2115E
MOV-2115D
TV-LM-200G
TV-LM-200H

This item is closed.

(Open) UNR 339/83-10-02, U/T Procedure ISI-205 Calibration Provisions and Examination of Accumulator Tank "B" Weld No. 3.

By memorandum from W. L. Stewart to James P. O'Reilly dated February 13, 1984, the licensee requested relief from code required volumetric examination on Units 1 and 2 Accumulator and Boron Injection tank welds. This item will remain open pending the outcome of this request.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Review of Inspector Followup Items (92706)

(Closed) IFI 338/82-28-01, Failure Analysis of Reactor Coolant Loop Stop Valve Guide.

By memorandum S/N VRA-82-550, dated September 30, 1982, Westinghouse W reported the results of their investigation into the valve guide failure. W concluded that the failure was mechanical. This conclusion was based on the fact that the failure resulted when the retaining pin failed. W believes that at this time, the guide-end moved out of its slot and became jammed in mid-span by the valve disc during valve operation. It has been documented that this valve was not able to close during a previous outage and that system outage type maintenance was performed without having closed this valve. The report stated that the displaced guide would have been bent and broken at this time. No further investigation is planned or anticipated. This matter is closed.

(Closed) IFI 338, 339/83-09-03, Inservice Testing Program for Pumps and Valves.

By memorandum dated April 17, 1984, NRR granted authorization to proceed with the implementation of the proposed pump and valve inservice testing (IST) program with the proviso that the more restrictive requirements of the Technical Specifications be implemented. The authorization was granted on an interim basis until December 31, 1984.

(Open) IFI 338/81-04-05, ASME Section XI Weld Repair Program.

Presently, the ASME Section XI weld repair program is under development and the licensee representative stated that it should be completed by the end of July 1984. The inspector was provided with a copy of this drafted document for review. This item will remain open pending a review of the approved document.