



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

Report Nos. 50-338/81-12 and 50-339/81-09

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

Facility Name: North Anna Units 1 and 2

Docket Nos. 50-338 and 50-339

License Nos. NPF-4 and NPF-7

Inspection at North Anna site near Mineral, Virginia

Inspector: HC Dance /for
M. B. Shymlock

7/14/81
Date Signed

Approved by: HC Dance
H. C. Dance, Section Chief, Resident and
Reactor Project Inspection Division

7/14/81
Date Signed

SUMMARY

Inspection on April 27 - May 1, 1981

Areas Inspected

This routine announced inspection involved 36 inspector-hours on site in the areas of general employee training and facility design changes.

Results

Of the two areas inspected, no violations or deviations were identified.

DETAILS

1. Persons Contacted

Licensee Employees

- *B. R. Sylvia, Manager, Nuclear Operations
- *E. W. Harrell, Assistant Station Manager
- *J. R. Harper, Superintendent Maintenance
- *J. W. Martin, Manager, Q/A Manager
- *F. B. Curling, Supervisor Nuclear Training
- *A. L. Hogg, Supervisor, Nuclear Training
- *C. R. Swope, Senior QC Inspector
- *R. L. Rentz, Resident QC Engineer
- *M. D. Tower, Staff Engineer
- R. A. Bergquist, Instrument Supervisor
- *K. A. Huffman, Clerk

Other licensee employees included technicians, operators, and office personnel.

NRC Resident Inspector

- *E. H. Webster

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on May 1, 1981, with those persons indicated in paragraph 1 above. The inspector summarized the purpose and scope of the inspection and findings as detailed in the following paragraphs.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. General Employee Training

The inspector attended the licensee's general employee training program, which lasted for a day and a half. The program presented was reviewed to determine if it met the established requirements. The areas reviewed were: administrative controls and procedures, radiological health, security

procedures, emergency plan procedures and proper dressing technique for anti-contamination clothes. The presentation was well delivered and no additional concerns were addressed.

6. Unit 1 Design Change DC 79-S65A

This design change installed two sub-cooling monitor systems per unit located on the vertical board section 1-1. These meters are feed from two microprocessors located at the left end of the horizontal unit control board. Inputs from wide range hot and cold leg temperature loops, wide range reactor coolant systems pressure, narrow range pressurizer pressure and selected incore thermocouples feed the microprocessors. These parameters are utilized by the microprocessors to calculate the margin to saturation based on existing coolant system pressures and temperature. Then this information is displayed on the sub-cooling meters. Additional review of this system are discussed in the resident's Inspection Report 50-338/81-05 and 50-339/81-03, Item Number seven.

7. Inspection Program

During this inspection the inspector reviewed plant status and outstanding issues with the resident inspector in preparation for assuming inspection responsibility.