



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

Report Nos. 50-324/82-35 and 50-325/82-35

Licensee: Carolina Power and Light Company
 411 Fayetteville Street
 Raleigh, NC 27602

Facility Name: Brunswick

Docket Nos. 50-324 and 50-325

License Nos. DPR-62 and DPR-71

Inspection at Brunswick site near South Port, North Carolina

Inspector: J. J. Blake 9/21/82
Date Signed
 for J. L. Coley

Accompanying Personnel: J. J. Blake, Section Chief Materials and Process Section

Approved by: J. J. Blake 9/21/82
Date Signed
 J. J. Blake, Section Chief
 Materials and Process Section
 Engineering Inspection Branch
 Division of Engineering and Technical Programs

SUMMARY

Inspection on September 8-10, 1982

Areas Inspected

This special, announced inspection involved thirty-eight inspector-hours on site in three areas of the pre-startup augmented inspection plan for Brunswick:
 (1) Review and evaluation of changes to the ISI program. (2) Review of Brunswick's program for ISI document control and data retention. (3) Review of Brunswick's revised program for documentation of post-maintenance testing.

Results

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

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *J. Harness, Manager, Plant Operations
- *K. Enzor, Director, Regulatory Compliance
- *E. Bishop, Manager, Technical Support
- *B. Hinkley, Engineer, NSSS
- *S. Hutton, ISI Coordinator
- *R. Poulk, Specialist, Regulatory Compliance

NRC Resident Inspector

- *D. Myers, Senior Resident Inspector
- *L. Garner, Resident Inspector

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on September 10, 1982, with those persons indicated in paragraph 1 above. The licensee acknowledged the inspection findings.

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Pre-Startup Augmented Inspection Plan for Brunswick Steam Electric Plant (BSEP) (92703B) - Units 1 and 2

The inspectors reviewed the licensee's revised programs for inservice inspection (ISI) of pumps and valves, document control and data retention, and documentation of post-maintenance testing to determine whether the programs were consistent with regulatory requirements and licensee commitments. The applicable code is the ASME Boiler and Pressure Vessel Code, Section XI (77578). The three areas described in this report are only a select portion of the Region II, pre-startup inspection plan which resulted from actions required by the July 2, 1982 and July 20, 1982 NRC Confirmation of Action Letters.

- a. Review and Evaluation of Changes to BSEP's ISI Program for Pumps and Valves

The inspector verified and evaluated changes to BSEP's procedure for administrative control of inservice inspection activities, Engineering Procedure ENP-16. Two systems were evaluated, the service water system and the reactor coolant recirculation system to determine the accuracy of the ISI program when compared to system drawings and to determine if the appropriate code test, test frequency and test procedures were referenced in the program. In addition to the above the inspectors reviewed the ISI program for pumps to determine if the appropriate code test, test frequency and test procedure were delineated in the program. Areas of improvement noted in the ISI program for pumps and valves consisted of the following:

- (1) Containment isolation valves have been added to the new revision of ENP-16
- (2) Valves are now listed in numerical order
- (3) Test Frequencies have been upgraded on some valves
- (4) A cross reference to periodic test (PT's) procedures has been added to the ISI program.
- ** (5) Management controls are being initiated by increasing ISI manpower levels.

Note** To insure that ISI requirements and FSAR commitments are adhered to the licensee has committed to designating additional manpower resources in ISI. Candidates were being interviewed to fill at least one and possibly two positions. This commitment will be verified and evaluated on a subsequent inspection.

b. Review of BSEP's Program for ISI Document Control and Data Retention

The inspectors reviewed the Brunswick Plant Operating Manual entitled: "Records Management Instructions", to determine whether the BSEP's Program for document control and data retention was consistent with regulatory requirements. The following revised procedures were evaluated in detail and were found to be adequate:

- (1) Management Instruction RMI-01, Revision 11, "Capture and Indexing of Correspondence and Plant Records", dated 8/19/82
- (2) Management Instruction RMI-02, Revision 9, dated 7/8/82, "BSEP Records, Receipt and Storage".

c. Review of BSEP Revised Program for Documentation of Post-Maintenance Testing

The inspectors reviewed BSEP's revised maintenance procedure no. MP-14 volume XII Revision 13, to determine if corrective maintenance would be controlled and documented in accordance with regulatory requirements and licensee commitments. This document was also found to be adequate.

Within the areas inspected, no violations or deviations were observed.