



Carolina Power & Light Company

P. O. Box 1751 • Raleigh, N. C. 27602

MAY 25 1992

SERIAL: NLS-92-148

R. A. WATSON
Senior Vice President
Nuclear Generation

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
CORRECTIVE ACTION PLANS

Gentlemen:

The purpose of this letter is to document commitments made by Carolina Power & Light Company (CP&L) to the Nuclear Regulatory Commission during our May 12, 1992 meeting with regard to major work items that we intend to complete prior to start-up of the Brunswick Steam Electric Plant, Units 1 and 2. These commitments, which are described in Enclosure 1, address comprehensive actions on the Company's part to correct structural deficiencies identified with diesel generator building wall bolting as well as equipment repairs and enhancements to improve the operational reliability of both Brunswick Plant units upon their start-up. Some of these commitments are to conduct further field inspections and assessments; any operability issues arising from these inspections will be resolved prior to start-up.

Subsequent CP&L correspondence will identify to the NRC the commitments that were made during the May 12, 1992 meeting for implementation for each unit prior to start-up from their next scheduled refueling outages. These commitments will address actions to reduce work backlog, to further improve unit operational reliability, and to enhance plant safety.

Please refer any questions regarding this submittal to Mr. D. C. McCarthy at (919) 546-6901.

Yours very truly,

R. A. Watson

WRM/wrm (ca-plan.007)

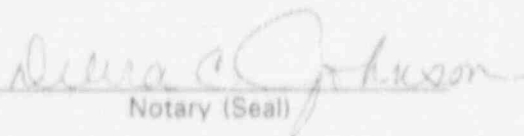
Enclosure

cc: Mr. S. D. Ebnetter
Mr. R. H. Lo
Mr. R. L. Prevatte

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R. A. Watson, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, contractors, and agents of Carolina Power & Light Company.


Notary (Seal)

My commission expires: 6/26/94

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 NRC DOCKET NOS. 50-325 & 50-324 OPERATING LICENSE NOS. DPR-71 & DPR-62 CORRECTIVE ACTION PLANS

Prior to start-up of the Brunswick Steam Electric Plant, Units 1 and 2 from their current outages, Carolina Power Light Company commits to complete the following activities:

1. Repair of five reinforced concrete non-load bearing wall panels in the diesel generator building to restore them to their design configuration. Carolina Power & Light Company will also complete repairs to structural angle restraints for diesel generator building block walls to restore the walls to their design configuration. This repair work underway is being conducted with appropriate quality control procedures and with quality control verification of work and materials.
2. Perform a design review and a field inspection review, when necessary, of the non-safety masonry walls at the Brunswick Plant to verify the walls are appropriately classified as non-safety.
3. Remove accessible non-functional through-bolts and install cover plates over the holes.
4. Perform an integrity inspection (I.I.), for cracks, general condition of unreinforced masonry walls that are classified as safety-related.
5. Repair of walls being upgraded to seismic classification in the control building (elevation 49 foot) that have been determined to be required as a pressure boundary for control room habitability.
6. Complete corrosion repairs to existing service water lubrication water piping supports.
7. Perform a third-party walkdown of non-pipe support short term structural integrity items and pipe supports in areas with high corrosion potential to validate design assumptions.
8. Review the IE Bulletin 79-02 (Pipe Support Anchor) Program to ensure compliance and to ensure methods of inspection used would have detected deficient bolt installation.
9. Conduct a field inspection and design review to assure service water system pump operability and short term qualification.

In addition to the above activities, Carolina Power & Light Company will also complete the following operational reliability improvements prior to start-up of the Brunswick Steam Electric Plant, Units 1 and 2 from their current outages:

1. Replace current transformers in the emergency busses that would require a dual unit outage.

2. Complete pre-startup items for Unit 1 and Unit 2 which have been identified during hot side walkdowns.
3. Reduce the number of temporary conditions.
4. Reduce the number of operator work-around items.
5. Reduce the number of corrective maintenance items.
6. Repair the Unit 1 UPS primary inverter.
7. Correct leakage on a feedwater check valve hinge pin and a main steam isolation valve (MSIV) packing (total was less than 50 percent of Technical Specification allowed limit) and a nitrogen leak on a drywell cooler, which was identified during Unit 1 drywell inspections.
8. Complete repairs to neutron monitoring detectors identified as needing repair.
9. Complete the Unit 1 battery discharge tests originally scheduled for the next refueling outage.
10. Complete the Unit 1 secondary containment isolation test scheduled for the next refueling outage.
11. Complete the Unit 2 turbine exciter coupling changeout and alignment.
12. Install modifications to enhance turbine partial arc operation.
13. Complete refurbishing the Unit 2 control valve power packs and changing out turbine electro-hydraulic control system accumulators.
14. Complete balancing of all four emergency diesel generators and the inspection of cylinder 4L on emergency diesel generators 2 and 3.
15. Replace the 2B reactor feed pump wear ring.
16. Repair the 1B control rod drive pump.
17. Qualify the emergency diesel generator exhaust pipe supports to include tornado loading requirements.