



Carolina Power & Light Company
DEC 15 1983

SERIAL: LAP-83-572

Director of Nuclear Reactor Regulation
Attention: Mr. D. B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
SPENT FUEL POOL AMENDMENT REQUEST

Dear Mr. Vassallo:

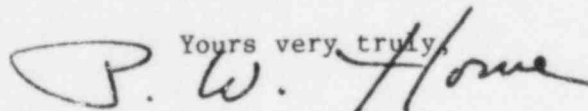
Based on recent conversations between your Mr. Sam D. MacKay and members of our licensing staff, two questions were asked concerning our request to increase the spent fuel pool storage capability for Brunswick Steam Electric Plant Units 1 and 2.

The questions were as follows:

1. Section 9.1.5 of the Brunswick Steam Electric Plant Safety Evaluation Report Supplement 4, dated September 1976, refers to Carolina Power & Light Company (CP&L) letters, dated June 18, 1976 and July 26, 1976, which described several commitments made by CP&L concerning the Reactor Building Crane Design. Have these commitments been implemented?
2. Is there a CP&L operating procedure which requires that the Residual Heat Removal (RHR) system and the Spent Fuel Pool Cooling System (SFPCS) be cross-connected should a full core inventory be discharged into the spent fuel pool?

Please find enclosed the answer to these questions. It is our understanding that there are no other outstanding issues, between the NRC and CP&L, which could delay the issuance of the Spent Fuel Pool amendment.

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Yours very truly,


P. W. Howe
Vice President
Brunswick Nuclear Project

PPC/cc (9052PPC)

cc: Mr. D. O. Myers (NRC-BSEP)
Mr. J. P. O'Reilly (NRC-RII)
Mr. M. Grotenhuis (NRC)

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Answers to Questions
concerning the Brunswick Steam Electric Plant Units 1 and 2
Spent Fuel Pool Amendment

Question No. 1:

Section 9.1.5 of the Brunswick Steam Electric Plant Safety Evaluation Report Supplement 4, dated September 1976, refers to Carolina Power & Light Company (CP&L) letters, dated June 18, 1976 and July 26, 1976, which described several commitments made by CP&L concerning the Reactor Building Crane Design. Have these commitments been implemented?

Answer:

All commitments made in CP&L letters, dated June 18, 1976 and July 26, 1976, have been verified to be fully implemented.

Question No. 2:

Is there a CP&L operating procedure which requires that the Residual Heat Removal (RHR) system and the Spent Fuel Pool Cooling System (SFPCS) be cross-connected should a full core inventory be discharged into the spent fuel pool?

Answer:

Brunswick Steam Electric Plant Operating Procedure No. 17 is used to provide guidance for supplying supplemental cooling to the spent fuel pool. In particular, the procedure specifies that the RHR system be cross-connected with the SFPCS should the fuel pool temperature exceed 125°F. The procedure also lists the necessary steps and precautions to be taken to cross-connect these two systems.

(9052PPC cfr)