



Carolina Power & Light Company

NOV 05 1982

Office of Nuclear Reactor Regulation  
ATTN: Mr. D. B. Vassallo, Chief  
Operating Reactors Branch No. 2  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324  
LICENSE NOS. DPR-71 AND DPR-62  
RELOAD ANALYSIS

Dear Mr. Vassallo:

SUMMARY

On October 19, 1982, a telephone conference call was held between the NRC and Carolina Power & Light Company (CP&L). Participants were Dan Fieno of the NRC and Jim McQueen, Ken Karcher, and Kermit Cantrell of CP&L. The purpose of this call was to provide an update to CP&L's May 24, 1982 letter regarding plans for the submittal of our BWR steady-state methods for the Brunswick Steam Electric Plant.

DISCUSSION

The following items were discussed:

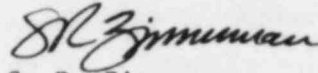
1. Based on communications between the NRC and CP&L and other technical considerations, the scope of the topical report relating to CP&L benchmarking of the RECORD and PRESTO-B codes has been modified. The present schedule calls for completion of a draft topical report of our BWR steady-state neutronics and thermal hydraulics by mid-November. These draft reports will then be discussed with NRC.
2. The final topical report submittal will include four volumes. These will cover the lattice physics technical aspects (RECORD), the nodal simulation technical aspects (PRESTO-B), the CP&L benchmarking of these methods, and the CP&L reference steady-state thermal-hydraulic methodology. The schedule for final submittal of all volumes will be determined based on discussions with NRC regarding the draft reports. If no substantial modification to these reports is required, a final submittal is envisioned by January 1983.

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We will continue to keep your staff apprised of our progress and of any changes that may occur in our schedule. Please call us should you have any questions regarding this material.

Yours very truly,



S. R. Zimmerman  
Manager

Licensing & Permits

JAM/ce (5692C3T4)

cc: Mr. Carl Berlinger (NRC)  
Mr. Dan Fieno (NRC)  
Mr. Wayne Hodges (NRC)  
Mr. Ralph Meyers (NRC)

Mr. D. O. Myers (NRC-BSEP)  
Mr. Larry Phillips (NRC)  
Mr. J. P. O'Reilly (NRC-RII)  
Mr. J. A. Van Vliet (NRC)