



Carolina Power & Light Company

NOV 11 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
MARK I CONTAINMENT PROGRAM
PLANT UNIQUE ANALYSIS REPORT

Dear Mr. Vassallo:

Carolina Power & Light Company (CP&L) has completed the evaluation and requalification of the various containment structures and components at the Brunswick Steam Electric Plant in conformance with Mark I Containment Program requirements. As a result of the requalification work, significant modifications were designed in accordance with NRC Acceptance Criteria to increase design safety margins. Installation of modifications began in March, 1980. Planning and procurement for the final Mark I Containment Program plant modifications are currently in progress. These modifications are scheduled for completion prior to the start of Cycle 5 for Unit No. 1 and prior to the start of Cycle 6 for Unit No. 2 in accordance with NRC Orders dated January 19, 1982.

Twenty (20) copies of the Plant Unique Analysis Report documenting the evaluation and requalification effort are provided for your review. Detailed documentation of the assumptions, load definitions, analysis and design work, etc., which form the basis for this report are on file and available upon request.

We trust that this report is satisfactory. Should you have any comments or questions regarding this submittal, please contact our staff.

Yours very truly,

S.R. Zimmerman
S. R. Zimmerman

Manager
Licensing & Permits

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PDR ADOCK 05000324
P PDR

RS/JM/ce (5676C5T6)
Attachments

cc: Mr. D. O. Myers (NRC-BSEP) without Attachment
Mr. J. P. O'Reilly (NRC-RII)
Mr. J. A. Van Vliet (NRC) without Attachment

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