



Carolina Power & Light Company

OCT 06 1993

SERIAL: BSEP 93-0166

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1
DOCKET NO. 50-325/LICENSE NO. DPR-71
CORE SHROUD ANALYSES CRITERIA
(NRC TAC NO. M87270)

Gentlemen:

The purpose of this letter is to provide information requested by the NRC staff for Carolina Power & Light Company's (CP&L) Brunswick Steam Electric Plant, Unit 1. On September 23, 1993, a technical meeting was held between CP&L and the NRC staff to discuss the status and analyses being performed relative to the crack indications found in the Unit 1 core shroud. Enclosure 1 contains information requested by the NRC staff relative to the criteria being used to analyze indications in the shroud.

During this meeting, CP&L committed to marking a sampling of the core shroud crack indications for future inspection and growth characterization. The exact number and location of crack indications to be marked will be determined based on the results of the ongoing in-vessel inspections. The Company will inform the NRC of these details when they are finalized.

Please refer any questions regarding this submittal to Mr. K. A. Harris at (919) 546-3077.

Very truly yours,

W. Levis
Manager
Regulatory Affairs Section

MAT/mat (bnp93166.000)

Enclosure

cc: Mr. S. D. Ebnetter
Mr. P. D. Milano
Mr. R. L. Prevatte

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ENCLOSURE 1

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

CORE SHROUD ANALYSES CRITERIA