



Carolina Power & Light Company

Brunswick Nuclear Plant  
P.O. Box 10429  
Southport, NC 28461-0429

DEC 13 1993

SERIAL: BSEP 93-0227

U. S. 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  
CORE SHROUD

Gentlemen:

The purpose of this submittal is to provide information requested by the NRC staff for Carolina Power & Light Company's (CP&L) Brunswick Steam Electric Plant, Unit 1. The information request was made by the NRC staff at the November 30, 1993 CP&L/NRC staff Technical Meeting held at the NRR offices.

In the submittal dated November 18, 1993 (BSEP 93-0201), and in the November 30, 1993 presentation, CP&L stated that the limiting load combination used in the design of the core shroud repair clamps for emergency and faulted events involved the main steam line break event. At the November 30, 1993 meeting, the NRC staff requested written verification that non-limiting loads resulting from annulus pressurization events, as well as limiting loads from the main steam line break event, were considered in the design of the Unit 1 core shroud repair clamps. Enclosure 1 of this submittal provides Revision 1 of the Brunswick Unit 1 Shroud Repair Hardware Stress Analysis which contains the requested information.

Enclosure 2 provides a List of Regulatory Commitments contained in this submittal. Please refer any questions regarding this submittal to Mr. G. Honma at (910) 457-2741.

Very truly yours,

W. Levis

Manager-Regulatory Affairs

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KAH/kah

Enclosures

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ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1 AND 2  
NRC DOCKETS 50-325 & 50-324  
OPERATING LICENSES DPR-71 & DPR-62

GE-NE-523-143-1093, REVISION 1  
BRUNSWICK UNIT 1 SHROUD REPAIR HARDWARE STRESS ANALYSIS

ENCLOSURE 2

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1 AND 2  
NRC DOCKETS 50-325 & 50-324  
OPERATING LICENSES DPR-71 & DPR-62

LIST OF REGULATORY COMMITMENTS

The following table identifies those actions committed to by Carolina Power & Light Company in this document. Any other actions discussed in the submittal represent intended or planned actions by Carolina Power & Light Company. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Manager-Regulatory Affairs at the Brunswick Nuclear Plant of any questions regarding this document or any associated regulatory commitments.

Commitment	Committed date or outage
1. NONE	
2.	
3.	