



Carolina Power & Light Company

SEP 5 1985

SERIAL: NLS-85-326

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 NO. 1  
DOCKET NOS. 50-325 / LICENSE NO. DPR-71  
INTERGRANULAR STRESS CORROSION CRACKING DESIGN REPORT

Dear Mr. Vassallo:

Carolina Power & Light Company hereby submits the "Design Report for Recirculation System Weld Overlay Repairs and Flaw Analysis at Brunswick Steam Electric Plant Unit 1." The report is in regard to intergranular stress corrosion cracking (IGSCC) inspection and repair work performed at Brunswick-1 during the current refueling outage.

Please refer any questions regarding this matter to Mr. Stephen D. Floyd at (919) 836-6901.

Yours very truly,

S. R. Zimmerman  
Manager

Nuclear Licensing Section

SRZ/MAT/ccc (1914MAT)

Enclosure

cc: Mr. W. H. Ruland (NRC-BNP)  
Dr. J. Nelson Grace (NRC-RII)  
Mr. M. Grotenhuis (NRC)

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