



Carolina Power & Light Company

DEC 20 1985

SERIAL: NLS-85-450

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 NO. 50-325/LICENSE NO. DPR-71  
REACTOR CONTAINMENT BUILDING INTEGRATED LEAK RATE TEST

Dear Mr. Vassallo:

The Brunswick Steam Electric Plant Unit No. 1 Reactor Containment Building was subjected to a periodic integrated leak test during the period of September 24 to September 25, 1985. In accordance with the provisions of 10 CFR 50, Appendix J, paragraphs V.B.1 and V.B.3, technical report "Reactor Containment Building Integrated Leak Rate Test, September 1985" has been prepared and is hereby transmitted for your use.

Results of the test indicate a leakage rate at the upper bound of the 95% confidence interval which is below the allowable leakage rate of 0.375 percent by weight per day.

Should you have any questions regarding this submittal, please contact Mr. Steven D. Floyd (919) 836-6901.

Yours very truly,

S. R. Zimmerman  
Manager  
Nuclear Licensing Section

SRZ/RWS/ccc (3128RWS)

Attachment

cc: Mr. W. H. Ruland (NRC-BNP)  
Dr. J. Nelson Grace (NRC-R11)  
Mr. M. Grotenhuis (NRC)

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PDR ADOCK 05000325  
P PDR

EB (LIAW)  
PSB (L. HULMAN)  
EICSB (SRINIVASAN)  
RSB (ACTING)  
FOB (VASSALLO)  
AD - G. LAINAS (Ltr only)

Adm  
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Add: