

September 21, 1990

Docket No. 50-325

Mr. Lynn W. Eury  
Executive Vice President  
Power Supply  
Carolina Power & Light Company  
Post Office Box 1551  
Raleigh, North Carolina 27602

Dear Mr. Eury:

SUBJECT: INTERGRANULAR STRESS CORROSION CRACKING (IGSCC) - INSPECTION  
AND REPAIR FOR BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1  
(TAC NO. 71409)

The staff has reviewed the submittals dated July 18 and December 28, 1988, January 13 and 27, February 20, March 14, May 3 and June 28, 1989, from Carolina Power & Light Company (CP&L) regarding the intergranular stress corrosion cracking (IGSCC) inspection, repairs and mitigation performed during the Brunswick Steam Electric Plant, Unit 1 (Brunswick Unit 1), refueling outage 6. We conclude that the inspections, repairs and mitigation performed during this outage meet the guidelines of Generic Letter 88-01 and that Brunswick Unit 1 can be safely operated for one 18-month fuel cycle in its present configuration.

Details of the staff's evaluation regarding the above submittals are given in the enclosed Safety Evaluation.

This completes the staff's efforts with regard to IGSCC for Brunswick Unit 1, refueling outage 6.

Sincerely,

Original signed by:

Ngoc Le, Project Manager  
Project Directorate II-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/encl:  
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Mr. L. W. Eury  
Carolina Power & Light Company

Brunswick Steam Electric Plant  
Units 1 and 2

cc:

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