



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, SW, SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

February 17, 2006

Carolina Power and Light Company  
ATTN: Mr. James Scarola  
Vice President  
Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461

SUBJECT: ASSESSMENT FOLLOW-UP LETTER - BRUNSWICK STEAM ELECTRIC  
PLANT UNIT 2

Dear Mr. Scarola:

On February 7, 2006, we informed you in a letter from Charles A. Casto, Director, Division of Reactor Projects that we planned to conduct a supplemental inspection using Inspection Procedure 95001, Inspection for One or Two White Inputs in a Strategic Performance Area, during the week of February 27, 2006. The purpose of this inspection was to review the actions taken to address the Brunswick Unit 2 unplanned down-powers which resulted in Unit 2 crossing the threshold from Green to White for the Unplanned Power Changes per 7000 Critical Hours PI in the 4<sup>th</sup> Quarter of CY2005.

Specifically, the inspection was planned to review four of the seven risk significant performance issues that did not require a unit shutdown to complete your corrective action review. Currently, we understand that one of these four requires additional review on your part. Due to this additional review which may impact our February 27 inspection, plus several NRC inspection issues, we have decided to postpone this supplemental inspection until the week of June 5, 2006. We intend to complete the inspection at that time. However, if all of the involved issues cannot be fully inspected at that time due to the root cause(s) not being finalized, we will conduct another inspection after you notify us of their finalization.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

CP&L

2

Please contact me at (404) 562-4530 with any questions you may have regarding this letter.

Sincerely,

***/RA/***

Paul E. Fredrickson, Chief  
Reactor Projects Branch 4  
Division of Reactor Projects

Docket No.: 50-324  
License No: DPR-62

cc: (See page 3)

cc:

T. P. Cleary, Director  
Site Operations  
Brunswick Steam Electric Plant  
Progress Energy Carolinas, Inc.  
Electronic Mail Distribution

Benjamin C. Waldrep  
Plant Manager  
Brunswick Steam Electric Plant  
Carolina Power & Light Company  
Electronic Mail Distribution

James W. Holt, Manager  
Performance Evaluation and  
Regulatory Affairs PEB 7  
Carolina Power & Light Company  
Electronic Mail Distribution

Edward T. O'Neil, Manager  
Support Services  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
Electronic Mail Distribution

Garry D. Miller, Manager  
License Renewal  
Progress Energy  
Electronic Mail Distribution

Lenny Beller, Supervisor  
Licensing/Regulatory Programs  
Carolina Power and Light Company  
Electronic Mail Distribution

David T. Conley  
Associate General Counsel - Legal Dept.  
Progress Energy Service Company, LLC  
Electronic Mail Distribution

James Ross  
Nuclear Energy Institute  
Electronic Mail Distribution

John H. O'Neill, Jr.  
Shaw, Pittman, Potts & Trowbridge  
2300 N. Street, NW  
Washington, DC 20037-1128

Beverly Hall, Acting Director  
Division of Radiation Protection  
N. C. Department of Environment  
and Natural Resources  
Electronic Mail Distribution

Peggy Force  
Assistant Attorney General  
State of North Carolina  
Electronic Mail Distribution

Chairman of the North Carolina  
Utilities Commission  
c/o Sam Watson, Staff Attorney  
Electronic Mail Distribution

Robert P. Gruber  
Executive Director  
Public Staff NCUC  
4326 Mail Service Center  
Raleigh, NC 27699-4326

Public Service Commission  
State of South Carolina  
P. O. Box 11649  
Columbia, SC 29211

David R. Sandifer  
Brunswick County Board of  
Commissioners  
P. O. Box 249  
Bolivia, NC 28422

Warren Lee  
Emergency Management Director  
New Hanover County Department of  
Emergency Management  
P. O. Box 1525  
Wilmington, NC 28402-1525

Distribution (See page 4)

CP&L

4

Distribution w/encl:

B. Mozafari, NRR

L. Slack, RII EICS

RIDSRIDSNRRDIPMLIPB

PUBLIC

☐ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☐ NON-SENSITIVE

ADAMS: ☐ Yes    ACCESSION NUMBER: \_\_\_\_\_

OFFICE	DRP:RII						
SIGNATURE	PEF						
NAME	PFredrickson						
DATE	02/17/2006						
E-MAIL COPY?	YES   NO	YES   NO	YES   NO	YES   NO	YES   NO	YES   NO	YES   NO

OFFICIAL RECORD COPY

DOCUMENT NAME: E:\Filenet\ML060480324.wpd