



50-324/325

UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 23, 1996

Mr. W. R. Campbell
Vice President
Brunswick Steam Electric Plant
Carolina Power & Light Company
Post Office Box 10429
Southport, North Carolina 28461

SUBJECT: CLOSEOUT FOR CAROLINA POWER & LIGHT COMPANY'S RESPONSE TO GENERIC LETTER 92-01, REVISION 1, SUPPLEMENT 1 FOR THE BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 (TAC NOS. M92652 AND M92653)

Dear Mr. Campbell:

On May 19, 1995, the NRC issued Generic Letter 92-01, Revision 1, Supplement 1 (GL 92-01, Rev. 1, Supp. 1), "Reactor Vessel Structural Integrity." In GL 92-01, Rev. 1, Supp. 1, the NRC requested that nuclear plant licensees perform a review of their reactor pressure vessel structural integrity assessment in order "to identify, collect, and report any new data pertinent to [the] analysis of [the] structural integrity of their reactor pressure vessels (RPVs) and to assess the impact of that data on their RPV integrity analyses relative to the requirements of Section 50.60 of Title 10 of the *Code of Federal Regulations* (10 CFR 50.60), 10 CFR 50.61, Appendices G and H to 10 CFR Part 50 (which encompass pressurized thermal shock (PTS) and upper shelf energy (USE) evaluations), and any potential impact on low temperature overpressure (LTOP) limits or pressure-temperature (P-T) limits."

More specifically, in GL 92-01, Rev. 1, Supp. 1, the NRC requested that addressees provide the following information in their responses:

- (1) a description of those actions taken or planned to locate all data relevant to the determination of RPV integrity, or an explanation of why the existing data base is considered complete as previously submitted;
 - (2) an assessment of any change in best-estimate chemistry based on consideration of all relevant data;
 - (3) a determination of the need for the use of the ratio procedure in accordance with the established Position 2.1 of Regulatory Guide 1.99, Revision 2, for those licensees that use surveillance data to provide a basis for the RPV integrity evaluation; and
 - (4) a written report providing any newly acquired data as specified above and (1) the results of any necessary revisions to the evaluations of RPV integrity in accordance with the requirements of 10 CFR 50.60, 10 CFR 50.61, Appendices G and H to 10 CFR Part 50, and any potential impact of the LTOP and P-T limits in the technical specifications, or (2) a certification that previously submitted evaluations remain valid.
- 0761
10

260004

Revised evaluations and certifications were to include consideration of Position 2.1 of Regulatory Guide 1.99, Revision 2, as applicable, and any new data. The information in Reporting Item (1) was to be submitted within 90 days of the issuance of the GL. The information in Reporting Items (2) — (4) was to be submitted within 6 months of the issuance of the GL.

The staff has noted that Carolina Power & Light Co. (CP&L) submitted the information requested in Reporting Item (1) on August 17, 1995, and requested in Reporting Items (2) — (4) on November 16, 1995. Since CP&L has submitted the requested information and has indicated that the previously submitted evaluations remain valid, the staff considers the RPV integrity data for the Brunswick Steam Electric Plant, Units 1 and 2, (BSEP 1 & 2) to be complete at this time. The staff therefore concludes that no additional information regarding the structural integrity of the RPVs at the BSEP 1 & 2 is available at this time, and that your efforts regarding GL 92-01, Rev. 1, Supp. 1 are complete. This completes all actions related to the referenced TAC Numbers M92652 and M92653.

Thank you for your cooperation.

Sincerely,

David C. Trimble

David C. Trimble, Project Manager
Project Directorate II-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos.: 50-325 and
50-324

DISTRIBUTION:

PUBLIC

PD II-1 RF

Docket File

D. McDonald

cc: See next page

FILENAME - G:\BRUNSWIC\BR92652.1tr

PM:PDII-1	LA:FDII-1	D:PDII-1		
DTrimble <i>12/18</i>	EDunnington <i>ED</i>	MReinhart <i>MR</i>		
12/18 /96	12/18 /96	12/23/96		
Yes/No	Yes/No	Yes/No		

OFFICIAL RECORD COPY

Mr. W. R. Campbell
Carolina Power & Light Company

Brunswick Steam Electric Plant
Units 1 and 2

cc:

Mr. William D. Johnson
Vice President and Senior Counsel
Carolina Power & Light Company
Post Office Box 1551
Raleigh, North Carolina 27602

Ms. Karen E. Long
Assistant Attorney General
State of North Carolina
Post Office Box 629
Raleigh, North Carolina 27602

Mr. Jerry W. Jones, Chairman
Brunswick County Board of Commissioners
Post Office Box 249
Bolivia, North Carolina 28422

Mr. Robert P. Gruber
Executive Director
Public Staff - NCUC
Post Office Box 29520
Raleigh, North Carolina 27626-0520

Resident Inspector
U.S. Nuclear Regulatory Commission
8470 River Road
Southport, North Carolina 28461

Mr. W. Levis
Director
Site Operations
Brunswick Steam Electric Plant
Post Office Box 10429
Southport, North Carolina 28461

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta St., N.W., Ste. 2900
Atlanta, Georgia 30323

Mr. William H. Crowe, Mayor
City of Southport
201 East Moore Street
Southport, North Carolina 28461

Mr. Dayne H. Brown, Director
Division of Radiation Protection
N.C. Department of Environmental,
Commerce and Natural Resources
Post Office Box 27687
Raleigh, North Carolina 27611-7687

Mr. Dan E. Summers
Emergency Management Coordinator
New Hanover County Department of
Emergency Management
Post Office Box 1525
Wilmington, North Carolina 28402

Mr. R. P. Lopriore
Plant Manager
Carolina Power & Light Company
Brunswick Steam Electric Plant
Post Office Box 10429
Southport, North Carolina 28461

Mr. J. Cowan
Vice President
Nuclear Services and Environmental
Support Department
Carolina Power & Light Company
Post Office Box 1551 - Mail OHS7
Raleigh, North Carolina 27602

Public Service Commission
State of South Carolina
Post Office Drawer 11649
Columbia, South Carolina 29211

Mr. Gerald D. Hicks
Manager - Regulatory Affairs
Carolina Power & Light Company
Post Office Box 10429
Southport, North Carolina 28461

Mr. Milton Shymlock
U. S. Nuclear Regulatory Commission
101 Marietta Street, N.W. Suite 2900
Atlanta, Georgia 30323-0199