



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET SW SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

August 27, 2003

Carolina Power and Light Company  
ATT.: Mr. J. S. Keenan  
Vice President  
Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - BRUNSWICK  
STEAM ELECTRIC PLANT

Dear Mr. Keenan:

On August 12, 2003, the NRC staff completed its mid-cycle plant performance assessment of the Brunswick Steam Electric Plant. The mid-cycle review for Brunswick involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 - December 31, 2003. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 404-562-4530 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

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

Docket Nos. 50-325, 50-324  
Licensee Nos. DPR-71, DPR-62

Enclosure: Brunswick Inspection/Activity Plan

cc w/encl: (See page 3)

cc w/encl:

C. J. Gannon, Director  
Site Operations  
Brunswick Steam Electric Plant  
Carolina Power & Light  
Electronic Mail Distribution

W. C. Noll  
Plant Manager  
Brunswick Steam Electric Plant  
Carolina Power & Light Company  
Electronic Mail Distribution

James W. Holt, Manager  
Performance Evaluation and  
Regulatory Affairs CPB 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

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

William D. Johnson  
Vice President & Corporate Secretary  
Carolina Power and Light Company  
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

Donald E. Warren  
Brunswick County Board of  
Commissioners  
P. O. Box 249  
Bolivia, NC 28422

Dan E. Summers  
Emergency Management Coordinator  
New Hanover County Department of  
Emergency Management  
P. O. Box 1525  
Wilmington, NC 28402

Institute of Nuclear Power Operations  
700 Galleria Parkway SE  
Atlanta, GA 30339-5943

**Brunswick**  
**Inspection / Activity Plan**  
**09/01/2003 - 09/30/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>EB2-MR</b>	<b>- MAINTENANCE RULE</b>	<b>2</b>			
1,2	IP 711112B	Maintenance Effectiveness		10/14/2003	10/17/2003	Baseline Inspections
	<b>PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION &amp; RESOLUTION</b>	<b>4</b>			
1,2	IP 71152B	Identification and Resolution of Problems		11/03/2003	11/07/2003	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		11/17/2003	11/21/2003	Baseline Inspections
	<b>OL EP</b>	<b>- EP INSPECTION</b>	<b>1</b>			
1,2	IP 7111402	Alert and Notification System Testing		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		12/01/2003	12/05/2003	Baseline Inspections
	<b>OL RQ</b>	<b>- REQUAL INSPECTION</b>	<b>2</b>			
1,2	IP 711111B	Licensed Operator Requalification		12/01/2003	12/05/2003	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>3</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		01/26/2004	01/30/2004	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/26/2004	01/30/2004	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/26/2004	01/30/2004	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program		01/26/2004	01/30/2004	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		01/26/2004	01/30/2004	Baseline Inspections
	<b>EB2-ISI</b>	<b>- INSERVICE INSPECTION</b>	<b>1</b>			
1	IP 7111108G	Inservice Inspection Activities - BWR		03/08/2004	03/12/2004	Baseline Inspections
	<b>EB2-MODS</b>	<b>- MODIFICATIONS/10CFR50.59</b>	<b>3</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/29/2004	04/02/2004	Baseline Inspections
1,2	IP 711117B	Permanent Plant Modifications		03/29/2004	04/02/2004	Baseline Inspections
	<b>EB2-HS</b>	<b>- HEAT SINK</b>	<b>1</b>			
1,2	IP 7111107B	Heat Sink Performance		05/17/2004	05/21/2004	Baseline Inspections