



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

November 27, 2000

Carolina Power and Light Company  
ATTN: 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**

On November 7, 2000, the NRC staff completed its mid-cycle plant performance assessment of Brunswick. 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 period of April 2, 2000 through September 30, 2000. 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 which 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<sup>th</sup>, 2001.

The enclosure details the scheduled inspections that will occur through September 30, 2001. 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 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/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

CP&L

2

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Brian Bonser at (404) 562-4560 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Brian R. Bonser, Chief  
Reactor Projects Branch 4  
Division of Reactor Projects

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

Enclosure: Brunswick Inspection/ Activity Plan

cc w/encl: (See page 3)

cc w/encl:

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

Robert P. Gruber  
Executive Director  
Public Staff NCUC  
P. O. Box 29520  
Raleigh, NC 27626-0520

C. J. Gannon  
Plant Manager  
Brunswick Steam Electric Plant  
Carolina Power & Light Company  
Electronic Mail Distribution

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

Terry C. Morton, Manager  
Performance Evaluation and  
Regulatory Affairs CPB 7  
Carolina Power & Light Company  
Electronic Mail Distribution

William M. Sue, Chairman  
Brunswick County Board of  
Commissioners  
P. O. Box 249  
Bolivia, NC 28422

David DiCello, Manager  
Regulatory Affairs  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
Electronic Mail Distribution

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

Leonard Beller  
Licensing Supervisor  
Carolina Power and Light Company  
Electronic Mail Distribution

Distribution w/encl: (See page 4)

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

Mel Fry, 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

CP&L

4

Distribution w/encl:  
D. Ashley, NRR  
PUBLIC  
RidsNrrDipmlipb

OFFICE	DRP/RII						
SIGNATURE	GmacDonald:vg						
NAME	gm						
DATE	11/22/2000	11/ /2000	11/ /2000	11/ /2000	11/ /2000	11/ /2000	11/ /2000
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: C:\TEMP\brumidcycle.wpd

**Brunswick**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		12/18/2000	12/22/2000	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		12/18/2000	12/22/2000	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>2</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		01/08/2001	01/12/2001	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		01/08/2001	01/12/2001	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation		01/08/2001	01/12/2001	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		01/08/2001	01/12/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1,2	IP 7112203	Radiological Environmental Monitoring Program		01/29/2001	02/02/2001	Baseline Inspections
	<b>MB-MODS</b>	<b>- PERM PLT MODS &amp; 50.59</b>	<b>3</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/12/2001	02/16/2001	Baseline Inspections
1,2	IP 711117B	Permanent Plant Modifications		02/12/2001	02/16/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>2</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		03/05/2001	03/09/2001	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		03/05/2001	03/09/2001	Baseline Inspections
	<b>EB-FP</b>	<b>- FIRE PROTECTION PRE-INSPECTION VISIT</b>	<b>3</b>			
1,2	IP 7111105T	Fire Protection		04/09/2001	04/13/2001	Baseline Inspections
	<b>EB-FP</b>	<b>- FIRE PROTECTION</b>	<b>4</b>			
1,2	IP 7111105T	Fire Protection		05/07/2001	05/11/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		05/07/2001	05/11/2001	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		05/07/2001	05/11/2001	Baseline Inspections
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
1,2	IP 7113001	Access Authorization Program (Behavior Observation Only)		06/04/2001	06/08/2001	Baseline Inspections
1,2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		06/04/2001	06/08/2001	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		06/04/2001	06/08/2001	Baseline Inspections
	<b>OL PREP</b>	<b>- INITIAL EXAM PREP</b>	<b>3</b>			
1	V23131	BRUNWICK 1/INITIAL EXAMS AT POWER FACILITIES		07/09/2001	07/13/2001	Not Applicable
	<b>MB MR</b>	<b>- MAINT RULE</b>	<b>1</b>			
1,2	IP 711112B	Maintenance Rule Implementation		07/16/2001	07/20/2001	Baseline Inspections
	<b>OL EXAM</b>	<b>- INITIAL EXAM</b>	<b>3</b>			
1	V23131	BRUNWICK 1/INITIAL EXAMS AT POWER FACILITIES		07/30/2001	08/03/2001	Not Applicable
	<b>OL EXAM</b>	<b>- INITIAL EXAM</b>	<b>3</b>			
1	V23131	BRUNWICK 1/INITIAL EXAMS AT POWER FACILITIES		08/13/2001	08/17/2001	Not Applicable

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Brunswick**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		08/13/2001	08/17/2001	Baseline Inspections
	<b>PB4 PI&amp;R - BRUNSWICK PI&amp;R</b>		<b>3</b>			
1, 2	IP 71152	Identification and Resolution of Problems		08/27/2001	08/31/2001	Baseline Inspections
1, 2	IP 71152	Identification and Resolution of Problems		09/10/2001	09/14/2001	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.