



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

August 26, 2002

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 6, 2002, the NRC staff completed its mid-cycle plant performance assessment of Brunswick Steam Electric Plant. In accordance with NRC Inspection Manual Chapter 0305 "Operating Reactor Assessment Program", the mid-cycle review involved the participation of all technical divisions in evaluating the performance of your Brunswick facility for the first half of the current assessment cycle, January 1 - December 31, 2002. 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 and a power uprate inspection at your facility through September 30, 2003.

The enclosed inspection plan details the inspections scheduled through September 30, 2003. 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 is tentative and may be revised at the end-of-cycle review.

In addition, the NRC is in the process of finalizing a Temporary Instruction that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

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).

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 404-562-4560 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  
Licensee Nos. DPR-71, DPR-62

Enclosure: Brunswick Inspection/Activity Plan

cc w/encl: (See page 3)

cc w/encl:

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**Brunswick**  
**Inspection / Activity Plan**  
**09/01/2002 - 09/30/2003**

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 7112101	Access Control to Radiologically Significant Areas		09/23/2002	09/27/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/23/2002	09/27/2002	Baseline Inspections
	<b>EB2-MODS</b>	<b>- MODIFICATIONS/10CFR50.59</b>	<b>4</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		09/30/2002	10/04/2002	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		09/30/2002	10/04/2002	Baseline Inspections
	<b>BR4FLOOD</b>	<b>- BASELINE FLOODING INSPECTION</b>	<b>1</b>			
1, 2	IP 7111101	Adverse Weather Protection		10/07/2002	10/11/2002	Baseline Inspections
1, 2	IP 7111106	Flood Protection Measures		10/07/2002	10/11/2002	Baseline Inspections
	<b>OL EP</b>	<b>- EMERGENCY EXERCISE</b>	<b>2</b>			
1, 2	IP 7111401	Exercise Evaluation		11/18/2002	11/22/2002	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		11/18/2002	11/22/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		11/18/2002	11/22/2002	Baseline Inspections
	<b>OL EXAM</b>	<b>- INITIAL EXAM</b>	<b>3</b>			
1	V23201	BRUNSWICK/EXAMS AT POWER FACILITIES		02/03/2003	02/07/2003	Not Applicable
	<b>OL EXAM</b>	<b>- INITIAL EXAM</b>	<b>3</b>			
1	V23201	BRUNSWICK/EXAMS AT POWER FACILITIES		02/18/2003	02/21/2003	Not Applicable
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>3</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/03/2003	03/07/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/03/2003	03/07/2003	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		03/03/2003	03/07/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/03/2003	03/07/2003	Baseline Inspections
	<b>EB1</b>	<b>- POWER UPRATE INSPECTION</b>	<b>1</b>			
1, 2	IP 71004	Power Uprate		03/10/2003	03/14/2003	Supplemental Program
	<b>EB2-ISI</b>	<b>- INSERVICE INSPECTION-U2</b>	<b>2</b>			
2	IP 7111108	Inservice Inspection Activities		03/10/2003	03/14/2003	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>2</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/17/2003	03/21/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/17/2003	03/21/2003	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		03/17/2003	03/21/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/17/2003	03/21/2003	Baseline Inspections
	<b>EB1SSDPC</b>	<b>- SSDPC PRE-INSPECTION VISIT</b>	<b>1</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		07/07/2003	07/11/2003	Baseline Inspections

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

**Brunswick**  
**Inspection / Activity Plan**  
**09/01/2002 - 09/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
<b>PS-SEC - SECURITY</b>			<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		08/04/2003	08/08/2003	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		08/04/2003	08/08/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/04/2003	08/08/2003	Baseline Inspections
<b>EB1SSDPC - SAFETY SYS DESIGN &amp; PERFORMANCE CAPABILI</b>			<b>5</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		08/11/2003	08/15/2003	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		08/25/2003	08/29/2003	Baseline Inspections