



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23TB5
ATLANTA, GEORGIA 30303-8931**

March 4, 2003

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

**SUBJECT: ANNUAL ASSESSMENT LETTER - BRUNSWICK STEAM ELECTRIC PLANT
(REPORT 50-325/03-01 AND 50-324/03-01)**

Dear Mr. Keenan:

On February 5, 2003, the NRC staff completed its end-of-cycle plant performance assessment of the Brunswick Steam Electric Plant. The end-of-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 from January 1 through 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 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.

Overall, Brunswick operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 March 31, 2004, as well as inspections of your Unit 2 power uprate activities.

The enclosed inspection plan details the inspections scheduled through March 31, 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 mid-cycle review meeting.

As you are aware, since the terrorist attacks on September 11, 2001, the NRC has issued several orders and threat advisories to enhance security capabilities and improve guard force readiness. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For 2003, we plan to continue these inspections, conduct portions of the security baseline inspection program, as well as perform additional inspections to evaluate your

compliance with new requirements that may be ordered. Based on our final determinations in this regard, we will notify you of any inspection plan changes.

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 this 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:

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Brunswick
Inspection / Activity Plan
03/01/2003 - 03/31/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB1	- POWER UPRATE INSPECTION	1			
1, 2	IP 71004	Power Uprate		03/10/2003	03/14/2003	Supplemental Program
	PS-RP	- RADIATION PROTECTION	2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/10/2003	03/14/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/10/2003	03/14/2003	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		03/10/2003	03/14/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/10/2003	03/14/2003	Baseline Inspections
	EB2-ISI	- INSERVICE INSPECTION-U2	1			
2	IP 7111108G	Inservice Inspection Activities - BWR		03/17/2003	03/21/2003	Baseline Inspections
	PS-RP	- RADIATION PROTECTION	2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/24/2003	03/28/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/24/2003	03/28/2003	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		03/24/2003	03/28/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/24/2003	03/28/2003	Baseline Inspections
	EB1SSDPC	- SSDPC PRE-INSPECTION VISIT	1			
1, 2	IP 7111121	Safety System Design and Performance Capability		07/07/2003	07/11/2003	Baseline Inspections
	EB1SSDPC	- SAFETY SYS DESIGN & PERFORMANCE CAPABILI	6			
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
	EB2-MR	- MAINTENANCE RULE	1			
1, 2	IP 7111112B	Maintenance Effectiveness		10/14/2003	10/17/2003	Baseline Inspections
	PI&R	- PROBLEM IDENTIFICATION & RESOLUTION	3			
1, 2	IP 71152	Identification and Resolution of Problems		11/03/2003	11/07/2003	Baseline Inspections
1, 2	IP 71152	Identification and Resolution of Problems		11/17/2003	11/21/2003	Baseline Inspections
	OL EP	- EP INSPECTION	1			
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
	OL RQ	- REQUAL INSPECTION	2			
1, 2	IP 7111111B	Licensed Operator Requalification		12/01/2003	12/05/2003	Baseline Inspections

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