



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

March 3, 2004

Carolina Power and Light Company
ATTN: Mr. C. J. Gannon
Vice President
Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429

**SUBJECT: ANNUAL ASSESSMENT LETTER - BRUNSWICK STEAM ELECTRIC PLANT
(REPORT 50-325/04-01 AND 50-324/04-01)**

Dear Mr. Gannon:

On February 4, 2004, 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, 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. This will allow you an opportunity to prepare for these inspections and to inform us of any planned inspections that 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). However, the significance of a deficiency involving the design review of a modification implemented on the Unit 2 reactor feed pump speed control system is still under review as part of the Significance Determination Process. Pending resolution of this finding, we plan to conduct only reactor oversight process (ROP) baseline inspections at your facility through September 30, 2005.

The enclosed inspection plan details the inspections scheduled through September 30, 2005. 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 twelve months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on

September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we plan to continue inspections of Order implementation combined with newly developed portions of the security baseline inspection program.

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
03/01/2004 - 09/30/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB2-ISI - INSERVICE INSPECTION-UNIT 1		2			
1	IP 7111108G	Inservice Inspection Activities - BWR		03/08/2004	03/12/2004	Baseline Inspections
	PS-SEC - SECURITY		2			
1, 2	IP 7113001	Access Authorization		03/08/2004	03/12/2004	Baseline Inspections
1, 2	IP 7113002	Access Control		03/08/2004	03/12/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/08/2004	03/12/2004	Baseline Inspections
	EB2-MODS - MODIFICATIONS/10CFR50.59		4			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/05/2004	04/09/2004	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		04/05/2004	04/09/2004	Baseline Inspections
	EB2-HS - HEAT SINK		1			
1, 2	IP 7111107B	Heat Sink Performance		05/17/2004	05/21/2004	Baseline Inspections
	EB1-TFP - FIRE PROTECTION-TRIENNIAL PRE-INSP VISIT		4			
1, 2	IP 7111105T	Fire Protection		10/12/2004	10/15/2004	Baseline Inspections
	OL-EXAM - LICENSED OPERATOR INITIAL EXAM PREP		3			
1	V23226	BRUNSWICK/EXAM AT POWER FACILITIES		10/18/2004	10/22/2004	Not Applicable
	OL-EXAM - LICENSED OPERATOR INITIAL EXAM		4			
1	V23226	BRUNSWICK/EXAM AT POWER FACILITIES		11/01/2004	11/12/2004	Not Applicable
	EB1-TFP - FIRE PROTECTION-TRIENNIAL		4			
1, 2	IP 7111105T	Fire Protection		11/01/2004	11/05/2004	Baseline Inspections
1, 2	IP 7111105T	Fire Protection		11/15/2004	11/19/2004	Baseline Inspections
	OL-EP - EMERGENCY EXERCISE		2			
1, 2	IP 7111401	Exercise Evaluation		11/15/2004	11/19/2004	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		11/15/2004	11/19/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		11/15/2004	11/19/2004	Baseline Inspections
	PS-RP - RAD PROTECTION-OCCUPATIONAL		2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/14/2005	03/18/2005	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/14/2005	03/18/2005	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		03/14/2005	03/18/2005	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/14/2005	03/18/2005	Baseline Inspections
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/28/2005	04/01/2005	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/28/2005	04/01/2005	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		03/28/2005	04/01/2005	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/28/2005	04/01/2005	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
03/01/2004 - 09/30/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
EB2-MR - MAINTENANCE RULE			1	05/02/2005	05/06/2005	Baseline Inspections
1, 2	IP 7111112B	Maintenance Effectiveness				

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