

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.

CP&L

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)

CP&L

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

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| 1, 2IP 71151Performance Indicator Verification EB1O3/03/2003O3/07/2003Baseline Baseline1, 2IP 71004Power Uprate Power UprateO3/01/2003O3/14/2003Suppler Control2IP 7111108Inservice Inspection Activities PS-RPO3/10/2003O3/14/2003Baseline Control1, 2IP 7112101Access Control to Radiologically Significant AreasO3/07/2003Baseline Control1, 2IP 7112102ALARA Planning and ControlsO3/11/2003O3/11/2003Baseline Control1, 2IP 7112202Radioactive Material Processing and TransportationO3/11/2003O3/21/2003Baseline Control1, 2IP 71151Performance Indicator VerificationO3/17/2003O3/21/2003Baseline Control1, 2IP 71151Performance Indicator VerificationO3/17/2003O3/21/2003Baseline Control | 1, 2 | IP 7112102 | ALARA Planning and Controls | | 03/03/2003 | 03/07/2003 | Baseline Inspections | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 1, 2 | IP 7112202 | Radioactive Material Processing and Transportation | | 03/03/2003 | 03/07/2003 | Baseline Inspections | | | | |
| 1,2IP 71004Power Uprate03/10/200303/14/2003SupplemEB2-ISIINSERVICE INSPECTION-U22203/10/200303/14/2003Baseline2IP 7111108Inservice Inspection Activities03/10/200303/14/2003Baseline1,2IP 7112101Access Control to Radiologically Significant Areas03/17/200303/21/2003Baseline1,2IP 7112102ALARA Planning and Controls03/17/200303/21/2003Baseline1,2IP 7112202Radioactive Material Processing and Transportation03/17/200303/21/2003Baseline1,2IP 71151Performance Indicator Verification03/17/200303/21/2003Baseline | 1, 2 | IP 71151 | Performance Indicator Verification | | 03/03/2003 | 03/07/2003 | Baseline Inspections | | | | |
| EB2-ISI- INSERVICE INSPECTION-U222IP 7111108Inservice Inspection Activities03/10/200303/14/2003BaselinePS-RP- RADIATION PROTECTION21, 2IP 7112101Access Control to Radiologically Significant Areas03/17/200303/21/2003Baseline1, 2IP 7112102ALARA Planning and Controls03/17/200303/21/2003Baseline1, 2IP 7112202Radioactive Material Processing and Transportation03/17/200303/21/2003Baseline1, 2IP 71151Performance Indicator Verification03/17/200303/21/2003Baseline | | EB1 - POWE | R UPRATE INSPECTION | 1 | | | | | | | |
| 2IP 711108Inservice Inspection Activities03/10/200303/14/2003BaselinePS-RP- RADIATION PROTECTION21, 2IP 7112101Access Control to Radiologically Significant Areas03/17/200303/21/2003Baseline1, 2IP 7112102ALARA Planning and Controls03/17/200303/21/2003Baseline1, 2IP 7112202Radioactive Material Processing and Transportation03/17/200303/21/2003Baseline1, 2IP 71151Performance Indicator Verification03/17/200303/21/2003Baseline | 1, 2 | IP 71004 | Power Uprate | | 03/10/2003 | 03/14/2003 | Supplemental Program | | | | |
| PS-RP• RADI-TION PROTECTION21, 2IP 7112101Access Control to Radiologically Significant Areas03/17/200303/21/2003Baseline1, 2IP 7112102ALARA Planning and Controls03/17/200303/21/2003Baseline1, 2IP 7112202Radioactive Material Processing and Transportation03/17/200303/21/2003Baseline1, 2IP 71151Performance Indicator Verification03/17/200303/21/2003Baseline | | EB2-ISI - INSER | VICE INSPECTION-U2 | 2 | | | | | | | |
| 1,2IP 7112101Access Control to Radiologically Significant Areas03/17/200303/21/2003Baseline1,2IP 7112102ALARA Planning and Controls03/17/200303/21/2003Baseline1,2IP 7112202Radioactive Material Processing and Transportation03/17/200303/21/2003Baseline1,2IP 71151Performance Indicator Verification03/17/200303/21/2003Baseline | 2 | IP 7111108 | Inservice Inspection Activities | | 03/10/2003 | 03/14/2003 | Baseline Inspections | | | | |
| 1, 2IP 7112102ALARA Planning and Controls03/17/200303/21/2003Baseline1, 2IP 7112202Radioactive Material Processing and Transportation03/17/200303/21/2003Baseline1, 2IP 71151Performance Indicator Verification03/17/200303/21/2003Baseline | | PS-RP - RADIA | TION PROTECTION | 2 | | | | | | | |
| 1, 2IP 7112202Radioactive Material Processing and Transportation03/17/200303/21/2003Baseline1, 2IP 71151Performance Indicator Verification03/17/200303/21/2003Baseline | 1, 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 03/17/2003 | 03/21/2003 | Baseline Inspections | | | | |
| 1, 2 IP 71151 Performance Indicator Verification 03/17/2003 03/21/2003 Baseline | 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 | | | | |
| EB1SSDPC - SSDPC PRE-INSPECTION VISIT 1 | | EB1SSDPC - SSDPC | PRE-INSPECTION VISIT | 1 | | | · | | | | |
| 1, 2 IP 7111121 Safety System Design and Performance Capability 07/07/2003 07/11/2003 Baseline | 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. Page 2 of 2

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

| Unit | | | No. of Staff | Planned Dates | | Inspection |
|---|---------------------|---|--------------|---------------|------------|----------------------|
| Number | Inspection Activity | Title | on Site | Start | End | Туре |
| | PS-SEC - SECU | RITY | 1 | | | |
| 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 Authorization | | 08/04/2003 | 08/08/2003 | Baseline Inspections |
| 1, 2 | IP 71151 | Performance Indicator Verification | | 08/04/2003 | 08/08/2003 | Baseline Inspections |
| EB1SSDPC - SAFETY SYS DESIGN & PERFORMANCE CAPABILI | | | 5 | | | |
| 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 |