



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
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March 2, 2005

Southern Nuclear Operating Company
ATTN: D. E. Grissette
Vice President - Vogtle Project
P. O. Box 1295
Birmingham, Alabama 35201

SUBJECT: ANNUAL ASSESSMENT LETTER - VOGTLE ELECTRIC GENERATING PLANT
(NRC INSPECTION REPORT 05000424/2005001, 05000425/2005001)

Dear Mr. Grissette:

On February 1, 2005, the NRC staff completed its end-of-cycle plant performance assessment of the Vogtle Electric Generating Plant. The end-of-cycle review for Vogtle involved the participation of the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2004. 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. This performance review and the enclosed inspection plan do not include physical protection information. A separate end-of-cycle performance review letter, designated and marked as "Exempt from Public Disclosure in accordance with 10 CFR 2.390," will include the physical protection review.

Overall, Vogtle 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 reactor oversight process (ROP) baseline inspections at your facility through September 30, 2006. We also plan to conduct a non-ROP inspection of Pressurizer Penetration Nozzles.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2006. 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 nine months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

In accordance with 10 CFR 2.390 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

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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 404-562-4550 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

//RA//

Malcolm T. Widmann, Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos. 50-424, 50-425
Licensee Nos. NPF-68, NPF-81

Enclosure: Vogtle Inspection/Activity Plan

cc w/encl:

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Vogle
Inspection / Activity Plan
03/01/2005 - 09/30/2006

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|---|---|----------------------|---------------------|-------------------|----------------------|
| | MTNT1160 - 2515/160 U-1: PZR PENETRATION NOZZLES | | 1 | | | |
| 1 | IP 2515/160 | Pzr Pene Nozzles & Stm Space Piping Connections in U.S. PWRs [NRC Bulletin 2004-01] | | 03/21/2005 | 03/25/2005 | Safety Issues |
| | MTN-ISI - U1 INSERVICE INSPECTION | | 2 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 03/23/2005 | 03/25/2005 | Baseline Inspections |
| | MTNSGISI - U1 STEAM GENERATOR ISI | | 2 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 03/28/2005 | 04/01/2005 | Baseline Inspections |
| | EB1SSDPC - SSDPC PRE-INSPECTION VISIT (CNTMT W/D) | | 4 | | | |
| 1,2 | IP 7111121 | Safety System Design and Performance Capability | | 03/31/2005 | 03/31/2005 | Baseline Inspections |
| | OL PREP - INITIAL EXAM PREP | | 4 | | | |
| 1 | V23228 | VOGTLE/EXAM AT POWER FACILITIES | | 05/02/2005 | 05/06/2005 | Not Applicable |
| | OL EXAM - INITIAL EXAM | | 4 | | | |
| 1 | V23228 | VOGTLE/EXAM AT POWER FACILITIES | | 05/16/2005 | 05/27/2005 | Not Applicable |
| | EB1SSDPC - SSDPC PRE-INSPECTION VISIT | | 2 | | | |
| 1,2 | IP 7111121 | Safety System Design and Performance Capability | | 07/18/2005 | 07/22/2005 | Baseline Inspections |
| | PS1-RP - RADIATION PROTECTION - PRE-INSP VISIT | | 1 | | | |
| 1,2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 08/08/2005 | 08/10/2005 | Baseline Inspections |
| | EB1SSDPC - SAFETY SYSTEM DESIGN & PERF. CAPABILITY | | 6 | | | |
| 1,2 | IP 7111121 | Safety System Design and Performance Capability | | 08/15/2005 | 08/19/2005 | Baseline Inspections |
| 1,2 | IP 7111121 | Safety System Design and Performance Capability | | 08/29/2005 | 09/02/2005 | Baseline Inspections |
| | PS1-RP - RP PUBLIC BASELINE | | 4 | | | |
| 1,2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 7112201 | Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 7112203 | Radiological Environmental Monitoring Program | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 71151 | Performance Indicator Verification | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| | PS2-EP - EP INSPECTION | | 1 | | | |
| 1,2 | IP 7111402 | Alert and Notification System Testing | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 7111403 | Emergency Response Organization Augmentation Testing | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| 1,2 | IP 71151 | Performance Indicator Verification | | 09/12/2005 | 09/16/2005 | Baseline Inspections |
| | MTN-ISI - U2 INSERVICE INSPECTION | | 1 | | | |
| 2 | IP 7111108P | Inservice Inspection Activities - PWR | | 09/26/2005 | 09/29/2005 | Baseline Inspections |
| | MTNT1160 - 2515/160 U-2: PZR PENETRATION NOZZLES | | 1 | | | |
| 2 | IP 2515/160 | Pzr Pene Nozzles & Stm Space Piping Connections in U.S. PWRs [NRC Bulletin 2004-01] | | 09/26/2005 | 09/30/2005 | Safety Issues |

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

Enclosure

Vogle
Inspection / Activity Plan
03/01/2005 - 09/30/2006

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|-------------|---|--|----------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | MTNSGSI - STEAM GENERATOR ISI | | 1 | | | |
| 2 | IP 7111108P | Inservice Inspection Activities - PWR | | 10/03/2005 | 10/07/2005 | Baseline Inspections |
| | BR2-FP - FLOOD PROTECTION | | 1 | | | |
| 1,2 | IP 7111106 | Flood Protection Measures | | 10/10/2005 | 10/14/2005 | Baseline Inspections |
| | OL RQ - REQUAL INSPECTION | | 2 | | | |
| 1,2 | IP 7111111B | Licensed Operator Requalification Program | | 10/17/2005 | 10/21/2005 | Baseline Inspections |
| | MTN-MR - MR EFFECTIVENESS | | 2 | | | |
| 1,2 | IP 7111112B | Maintenance Effectiveness | | 01/09/2006 | 01/13/2006 | Baseline Inspections |
| | PS2-EP - EP EXERCISE | | 3 | | | |
| 1,2 | IP 7111401 | Exercise Evaluation | | 03/20/2006 | 03/24/2006 | Baseline Inspections |
| 1,2 | IP 7111404 | Emergency Action Level and Emergency Plan Changes | | 03/20/2006 | 03/24/2006 | Baseline Inspections |
| 1,2 | IP 71151 | Performance Indicator Verification | | 03/20/2006 | 03/24/2006 | Baseline Inspections |
| | MTN-HS - HEAT SINK | | 1 | | | |
| 1,2 | IP 7111107B | Heat Sink Performance | | 04/03/2006 | 04/07/2006 | Baseline Inspections |
| | PS1-RP - RP PREINSPECTION VISIT OCCUPATIONAL | | 1 | | | |
| 1,2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 08/28/2006 | 08/30/2006 | Baseline Inspections |
| | PS1-RP - RP BASELINE OCCUPATIONAL WK1 | | 3 | | | |
| 1,2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 09/18/2006 | 09/22/2006 | Baseline Inspections |
| 1,2 | IP 7112102 | ALARA Planning and Controls | | 09/18/2006 | 09/22/2006 | Baseline Inspections |
| 1,2 | IP 7112202 | Radioactive Material Processing and Transportation | | 09/18/2006 | 09/22/2006 | Baseline Inspections |
| 1,2 | IP 71151 | Performance Indicator Verification | | 09/18/2006 | 09/22/2006 | Baseline Inspections |
| | MTN-ISI - U1 INSERVICE INSPECTION | | 1 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 09/25/2006 | 09/29/2006 | Baseline Inspections |