



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

August 27, 2003

Virginia Electric and Power Company
ATTN.: Mr. David A. Christian
Sr. Vice President and
Chief Nuclear Officer
Innsbrook Technical Center - 2SW
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - NORTH
ANNA POWER STATION

Dear Mr. Christian:

On August 11, 2003, the NRC staff completed its mid-cycle plant performance assessment of the North Anna Power Station. The mid-cycle review for the North Anna Power Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 - 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that 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 baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. Included in the inspection plan are inspection activities associated with your Independent Spent Fuel Storage Installation and interim compensatory measures for the February 25, 2002, order. 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 end-of-cycle review meeting.

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).

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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 404 562-4510 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Kerry D. Landis, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket Nos.: 50-338, 50-339
License Nos.: NPF-4, NPF-7

Enclosure: North Anna Inspection/Activity Plan

cc w/encl.:

Chris L. Funderburk, Director
Nuclear Licensing and
Operations Support
Virginia Electric and Power Company
Electronic Mail Distribution

D. A. Heacock
Site Vice President
North Anna Power Station
Electronic Mail Distribution

Executive Vice President
Old Dominion Electric Cooperative
Electronic Mail Distribution

County Administrator
Louisa County
P. O. Box 160
Louisa, VA 23093

Lillian M. Cuoco, Esq.
Senior Counsel
Dominion Resources Services, Inc.
Electronic Mail Distribution

Attorney General
Supreme Court Building
900 East Main Street
Richmond, VA 23219

North Anna
Inspection / Activity Plan
09/01/2003 - 09/30/2004

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|----------------|---------------------|--|-------------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | PS-SEC | - SECURITY - TI/ICM | 5 | | | |
| 1,2 | IP 2515/148 | Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures | | 09/08/2003 | 10/03/2003 | Safety Issues |
| 1,2 | IP 7113002 | Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat | | 09/29/2003 | 10/03/2003 | Baseline Inspections |
| 1,2 | IP 7113003 | Response to Contingency Events (Protective Strategy and Implementation of Protective Str | | 09/29/2003 | 10/03/2003 | Baseline Inspections |
| 1,2 | IP 71151 | Performance Indicator Verification | | 09/29/2003 | 10/03/2003 | Baseline Inspections |
| | EB1SSDPC | - SSDPC PRE-INSPECTION VISIT | 1 | | | |
| 1,2 | IP 7111121 | Safety System Design and Performance Capability | | 09/15/2003 | 09/19/2003 | Baseline Inspections |
| | EB2-MR | - MAINTENANCE RULE | 2 | | | |
| 1,2 | IP 7111112B | Maintenance Effectiveness | | 09/22/2003 | 09/26/2003 | Baseline Inspections |
| | EB1SSDPC | - SAFETY SYS DESIGN & PERFORMANCE CAPABILI | 6 | | | |
| 1,2 | IP 7111121 | Safety System Design and Performance Capability | | 10/06/2003 | 10/10/2003 | Baseline Inspections |
| 1,2 | IP 7111121 | Safety System Design and Performance Capability | | 10/20/2003 | 10/24/2003 | Baseline Inspections |
| | ISFSI | - ISFSI OPS | 1 | | | |
| 1,2 | IP 60855 | Operation Of An ISFSI | | 12/08/2003 | 12/12/2003 | Other Routine |
| | OL RQ | - REQUAL INSPECTION | 2 | | | |
| 1,2 | IP 7111111B | Licensed Operator Requalification | | 01/12/2004 | 01/16/2004 | Baseline Inspections |
| | PS-RP | - RADIATION PROTECTION - ISFSI | 1 | | | |
| 1,2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 03/22/2004 | 03/25/2004 | Baseline Inspections |
| | PS-RP | - RADIATION PROTECTION | 2 | | | |
| 1,2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 05/03/2004 | 05/07/2004 | Baseline Inspections |
| 1,2 | IP 7112102 | ALARA Planning and Controls | | 05/03/2004 | 05/07/2004 | Baseline Inspections |
| 1,2 | IP 7112202 | Radioactive Material Processing and Transportation | | 05/03/2004 | 05/07/2004 | Baseline Inspections |
| 1,2 | IP 71151 | Performance Indicator Verification | | 05/03/2004 | 05/07/2004 | Baseline Inspections |
| | EB2-ISI | - INSERVICE INSPECTION-U2 | 1 | | | |
| 2 | IP 7111108P | Inservice Inspection Activities - PWR | | 05/10/2004 | 05/15/2004 | Baseline Inspections |
| | PS-RP | - RADIATION PROTECTION | 2 | | | |
| 1,2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 05/17/2004 | 05/21/2004 | Baseline Inspections |
| 1,2 | IP 7112102 | ALARA Planning and Controls | | 05/17/2004 | 05/21/2004 | Baseline Inspections |
| 1,2 | IP 7112202 | Radioactive Material Processing and Transportation | | 05/17/2004 | 05/21/2004 | Baseline Inspections |
| 1,2 | IP 71151 | Performance Indicator Verification | | 05/17/2004 | 05/21/2004 | Baseline Inspections |
| | OL PREP | - INITIAL EXAM PREP | 3 | | | |
| 1 | V23217 | NORTH ANNA/EXAMS AT POWER FACILITIES | | 06/07/2004 | 06/11/2004 | Not Applicable |
| | EB2-MODS | - MODIFICATIONS/10CFR50.59 | 4 | | | |
| 1,2 | IP 7111102 | Evaluation of Changes, Tests, or Experiments | | 06/14/2004 | 06/18/2004 | Baseline Inspections |

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

North Anna
Inspection / Activity Plan
09/01/2003 - 09/30/2004

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates | | Inspection Type |
|-------------|--|---------------------------------------|----------------------|---------------|------------|----------------------|
| | | | | Start | End | |
| | EB2-MODS - MODIFICATIONS/10CFR50.59 | | 4 | | | |
| 1, 2 | IP 7111117B | Permanent Plant Modifications | | 06/14/2004 | 06/18/2004 | Baseline Inspections |
| | OL EXAM - INITIAL EXAM | | 3 | | | |
| 1 | V23217 | NORTH ANNA/EXAMS AT POWER FACILITIES | | 06/21/2004 | 07/02/2004 | Not Applicable |
| | EB2-HS - HEAT SINK | | 1 | | | |
| 1, 2 | IP 7111107B | Heat Sink Performance | | 07/26/2004 | 07/30/2004 | Baseline Inspections |
| | EB2-ISI - INSERVICE INSPECTION-1 | | 1 | | | |
| 1 | IP 7111108P | Inservice Inspection Activities - PWR | | 09/13/2004 | 09/17/2004 | Baseline Inspections |