



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

September 3, 2013

Mr. David A. Heacock
President and Chief Nuclear Officer
Virginia Electric and Power Company
Dominion Nuclear
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

**SUBJECT: MID-CYCLE LETTER FOR NORTH ANNA POWER STATION UNITS 1 AND 2 -
NRC ASSESSMENT REPORT 05000338, 339/2013006**

Dear Mr. Heacock:

On August 15, 2013, the NRC completed its mid-cycle performance review of North Anna Power Station Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2012, through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at North Anna Power Station Units 1 and 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by the resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

We also plan on conducting three non-ROP inspections which include: Temporary Instruction (TI) 2515/182, "Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping – Phase 2", TI 2515/190, "Inspection of the Licensee's Proposed Interim Actions as a Result of the Near-Term Task Force Recommendation 2.1 Flooding Reevaluation", and an Operating License Initial Exam.

D. Heacock

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In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4551 with any questions you may have regarding this letter.

Sincerely,

/RA/

Gerald J. McCoy, 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
(09/01/2013 – 12/31/2014)

cc: Distribution via Listserv

D. Heacock

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ADAMS: Yes ACCESSION NUMBER: ML13246A132 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	SON /RA/	GJM /RA/					
NAME	SNinh	GMcCoy					
DATE	08/27/2013	08/27/2013					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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D. Heacock

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Letter to David A. Heacock from Gerald J. McCoy dated September 3, 2013

SUBJECT: MID-CYCLE LETTER FOR NORTH ANNA POWER STATION UNITS 1 AND 2 -
NRC ASSESSMENT REPORT 05000338, 339/2013006

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ROP Reports

North Anna

Inspection / Activity Plan

09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	09/16/2013 09/20/2013	ISI IP 7111108P	- UNIT 1 INSERVICE INSPECTION Inservice Inspection Activities - PWR	2
1	09/23/2013 09/27/2013	SGISI IP 7111108P	- UNIT 1 SG INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
1, 2	12/02/2013 12/04/2013	TI-182 IP 2515/182	- TI-182 BURIED PIPING/TANK - PHASE 2 Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	1
1, 2	01/06/2014 01/10/2014	OL RQ IP 7111111B	- REQUAL INSPECTION Licensed Operator Requalification Program	2
1, 2	03/31/2014 04/04/2014	MODS IP 7111117T	- PLANT MODIFICATIONS INSPECTION Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	4
1, 2	04/14/2014 04/18/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1	05/19/2014 05/23/2014	OL EXAM V23425	- INITIAL LICENSE EXAM PREP NORTH ANNA/JUNE 2014 INITIAL EXAM AT POWER FACILITIES	3
1, 2	07/07/2014 07/11/2014	EP IP 7111401	- EP EXERCISE Exercise Evaluation	1
1, 2	07/07/2014 07/11/2014	IP 71151	Performance Indicator Verification	
1	06/16/2014 06/20/2014	OL EXAM V23425	- INITIAL LICENSE EXAM WEEK 1 NORTH ANNA/JUNE 2014 INITIAL EXAM AT POWER FACILITIES	3
1	06/23/2014 06/27/2014	OL EXAM V23425	- INITIAL LICENSE EXAM WEEK 2 NORTH ANNA/JUNE 2014 INITIAL EXAM AT POWER FACILITIES	3
1, 2	08/25/2014 08/29/2014	HS IP 7111107T	- TRIENNIAL HEAT SINK PERFORMANCE Heat Sink Performance	1
1, 2	09/08/2014 09/12/2014	RP IP 71124.01	- RP OCCUPATIONAL BASELINE Radiological Hazard Assessment and Exposure Controls	3
1, 2	09/08/2014 09/12/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	09/08/2014 09/12/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/08/2014 09/12/2014	IP 71124.04	Occupational Dose Assessment	
1, 2	09/08/2014 09/12/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	09/08/2014 09/12/2014	IP 71151	Performance Indicator Verification	
2	09/22/2014 09/26/2014	ISI IP 7111108P	- UNIT 2 IN-SERVICE INSPECTION Inservice Inspection Activities - PWR	1
1, 2	09/22/2014 09/26/2014	RP IP 71124.01	- RP OCCUPATIONAL BASELINE WEEK2 Radiological Hazard Assessment and Exposure Controls	2

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Enclosure

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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1, 2 09/22/2014 09/26/2014 **RP - RP OCCUPATIONAL BASELINE WEEK2** Occupational ALARA Planning and Controls 2

1, 2 09/22/2014 09/26/2014 IP 71124.02 In-Plant Airborne Radioactivity Control and Mitigation

1, 2 09/22/2014 09/26/2014 IP 71124.03 Occupational Dose Assessment

1, 2 09/22/2014 09/26/2014 IP 71124.04 Radiation Monitoring Instrumentation

1, 2 09/22/2014 09/26/2014 IP 71124.05 Performance Indicator Verification

1, 2 09/22/2014 09/26/2014 IP 71151

2 09/29/2014 10/03/2014 **SGISI - UNIT 2 SG IN-SERVICE INSPECTION** Inservice Inspection Activities - PWR 1

IP 7111108P

Comments:

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