



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

March 4, 2015

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR NORTH ANNA POWER STATION,
UNITS 1 AND 2 – REPORT 05000338/2014001 AND 05000339/2014001**

Dear Mr. Heacock:

On February 12, 2015, the Nuclear Regulatory Commission (NRC) completed its end-of-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 January 1 through December 31, 2014. 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 that overall, North Anna Power Station, Units 1 and 2, operated in a manner that preserved public health and safety and met all cornerstone objectives. 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 June 30, 2016. Routine inspections performed by 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 mid-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.

Additionally, the NRC plans on documenting one non-ROP baseline inspection which includes 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 and its enclosure 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 Website at <http://www.nrc.gov/reading/rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4609 with any questions you may have regarding this letter.

Sincerely,

/RA/

Steven D. Rose, 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
(03/01/2015 – 06/30/2016)

cc Distribution via ListServ

D. Heacock

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D. Heacock

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Letter to David A. Heacock from Steven D. Rose dated March 4, 2015.

SUBJECT: ANNUAL ASSESSMENT LETTER FOR NORTH ANNA POWER STATION,
UNITS 1 AND 2 – REPORT 05000338/2014001 AND 05000339/2014001

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Institute of Nuclear Power Operations (INPO)

North Anna
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		7
1, 2	03/09/2015	03/13/2015	IP 71152B	Problem Identification and Resolution	
			RP - RADIOLOGICAL HAZARDS ANALYSIS		1
1, 2	03/09/2015	03/13/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	03/16/2015	03/20/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			EP - EP PROGRAM INSPECTION		3
1, 2	06/08/2015	06/12/2015	IP 7111402	Alert and Notification System Testing	
1, 2	06/08/2015	06/12/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	06/08/2015	06/12/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	06/08/2015	06/12/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	06/08/2015	06/12/2015	IP 71151	Performance Indicator Verification	
			RP - RP PUBLIC RAD SAFETY BASELINE		3
1, 2	06/15/2015	06/19/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/15/2015	06/19/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	06/15/2015	06/19/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	06/15/2015	06/19/2015	IP 71151	Performance Indicator Verification	
			CDBI - COMPONENT DESIGN BASES INSPECTION		7
1, 2	06/29/2015	07/04/2015	IP 7111121	Component Design Bases Inspection	
1, 2	07/20/2015	07/24/2015	IP 7111121	Component Design Bases Inspection	
1, 2	08/03/2015	08/07/2015	IP 7111121	Component Design Bases Inspection	
1, 2	08/17/2015	08/21/2015	IP 7111121	Component Design Bases Inspection	
			TFPI - TRIENNIAL FIRE PROTECTION		4
1, 2	10/19/2015	10/23/2015	IP 7111105T	Fire Protection [Triennial]	
1, 2	11/02/2015	11/06/2015	IP 7111105T	Fire Protection [Triennial]	
			EP - EP EXERCISE INSPECTION		2
1, 2	02/08/2016	02/12/2016	IP 7111401	Exercise Evaluation	
1, 2	02/08/2016	02/12/2016	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	02/08/2016	02/12/2016	IP 7111408	Exercise Evaluation – Scenario Review	
1, 2	02/08/2016	02/12/2016	IP 71151	Performance Indicator Verification	
			RP - RP OCCUPATIONAL INSPECTION WEEK 1		3
1, 2	03/07/2016	03/11/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/07/2016	03/11/2016	IP 71124.02	Occupational ALARA Planning and Controls	

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

Enclosure

North Anna
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
RP - RP OCCUPATIONAL INSPECTION WEEK 1					3
1, 2	03/07/2016	03/11/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/07/2016	03/11/2016	IP 71124.04	Occupational Dose Assessment	
1, 2	03/07/2016	03/11/2016	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/07/2016	03/11/2016	IP 71151	Performance Indicator Verification	
ISI - UNIT 2 IN-SERVICE INSPECTION & RVH EXAM					2
2	03/14/2016	03/18/2016	IP 7111108P	Inservice Inspection Activities - PWR	
RP - RP OCCUPATIONAL INSPECTION WEEK 2					2
1, 2	03/21/2016	03/25/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/21/2016	03/25/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	03/21/2016	03/25/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/21/2016	03/25/2016	IP 71124.04	Occupational Dose Assessment	
1, 2	03/21/2016	03/25/2016	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/21/2016	03/25/2016	IP 71151	Performance Indicator Verification	
SGISI - UNIT 2 SG IN-SERVICE INSPECTION					1
2	03/21/2016	03/25/2016	IP 7111108P	Inservice Inspection Activities - PWR	
OL EXAM - INITIAL LICENSE EXAM PREP					3
1	05/23/2016	05/27/2016	V23472	NORTH ANNA JUNE 2016 INITIAL EXAM AT POWER FACILITIES	
OL EXAM - INITIAL LICENSE EXAM					3
1	06/20/2016	07/01/2016	V23472	NORTH ANNA JUNE 2016 INITIAL EXAM AT POWER FACILITIES	

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