



**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 SURRY POWER STATION,
UNITS 1 AND 2 – REPORT 05000280/2014001 AND 05000281/2014001**

Dear Mr. Heacock:

On February 12, 2015, the Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Surry 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, Surry 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 Surry 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.

D. Heacock

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Additionally, the NRC plans on conducting one non-ROP baseline inspection which includes an Operating License Initial Exam.

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 Web site 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.: 50-280, 50-281
License Nos.: DPR-32, DPR-37

Enclosure: Surry Inspection/Activity Plan
(03/01/2015 – 06/30/2016)

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(03/01/2015 – 06/30/2016)

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR SURRY POWER STATION,
UNITS 1 AND 2 – REPORT 05000280/2014001 AND 05000281/2014001

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ROP Assessment

ROP Reports

Institute of Nuclear Power Operations (INPO)

Surry
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			TFPI - TRIENNIEL FIRE PROTECTION INSPECTION		6
1, 2	03/09/2015	03/13/2015	IP 7111105T	Fire Protection [Triennial]	
1, 2	03/23/2015	03/27/2015	IP 7111105T	Fire Protection [Triennial]	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	04/27/2015	05/01/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			SGISI - UNIT 1 SG IN-SERVICE INSPECTION		1
1	04/27/2015	05/01/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			RP - RP PUBLIC RAD SAFETY BASELINE		2
1, 2	05/18/2015	05/22/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	05/18/2015	05/22/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	05/18/2015	05/22/2015	IP 71151	Performance Indicator Verification	
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		4
1, 2	07/13/2015	07/17/2015	IP 71152B	Problem Identification and Resolution	
1, 2	07/27/2015	07/31/2015	IP 71152B	Problem Identification and Resolution	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	08/24/2015	08/28/2015	V23437	SURRY/SEPTEMBER 2015 INITIAL EXAM AT POWER FACILITIES	
			MODS - PLANT MODIFICATIONS INSPECTION		3
1, 2	09/14/2015	09/18/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1, 2	09/28/2015	10/02/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			OL EXAM - INITIAL LICENSE EXAM		3
1	09/21/2015	10/02/2015	V23437	SURRY/SEPTEMBER 2015 INITIAL EXAM AT POWER FACILITIES	
			ISI - UNIT 2 IN-SERVICE INSPECTION		1
2	10/19/2015	10/23/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			RP - RP OCCUPATIONAL BASELINE		2
1, 2	10/19/2015	10/23/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/19/2015	10/23/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	10/19/2015	10/23/2015	IP 71151	Performance Indicator Verification	
			SGISI - UNIT 2 SG IN-SERVICE INSPECTION		1
2	10/26/2015	10/30/2015	IP 7111108P	Inservice Inspection Activities - PWR	

Enclosure

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