



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

September 4, 2012

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 SURRY POWER STATION UNITS 1 AND 2 - NRC
ASSESSMENT REPORT 05000280, 281/2012006**

Dear Mr. Heacock:

On August 16, 2012, the NRC completed its mid-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 July 1, 2011, through June 30, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This assessment reflects the integration of the Security Cornerstone into the ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

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 December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-2515/187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-2515/188 "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." 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.

ML12248A123

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

Enclosure: Surry Inspection/Activity Plan (09/01/2012 – 12/31/2013)

cc w/Encl: (See page 3)

D. Heacock

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cc w/encl:

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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		MODS	- MODIFICATIONS INSPECTION	3
1, 2	10/08/2012 10/12/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2	10/22/2012 10/26/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		EB3 ISI	- UNIT 2 INSERVICE INSPECTION & RPVH EXAMS	1
2	11/05/2012 11/09/2012	IP 7111108P	Inservice Inspection Activities - PWR	
		EB3SGISI	- UNIT 2 SG INSERVICE INSPECTION	1
2	11/12/2012 11/16/2012	IP 7111108P	Inservice Inspection Activities - PWR	
		OL RQ	- REQUAL INSPECTION	2
1, 2	01/21/2013 01/25/2013	IP 7111111B	Licensed Operator Requalification Program	
		PSB1-RP	- RP PUBLIC RAD SAFETY BASELINE	2
1, 2	06/17/2013 06/21/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/17/2013 06/21/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	06/17/2013 06/21/2013	IP 71151	Performance Indicator Verification	
		PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	5
1, 2	07/08/2013 07/12/2013	IP 71152B	Problem Identification and Resolution	
1, 2	07/22/2013 07/26/2013	IP 71152B	Problem Identification and Resolution	
		EP	- EMERGENCY PREPAREDNESS EXERCISE	1
1, 2	07/15/2013 07/19/2013	IP 7111401	Exercise Evaluation	
1, 2	07/15/2013 07/19/2013	IP 71151	Performance Indicator Verification	
		ISI	- UNIT 1 INSERVICE INSPECTION	2
1	10/28/2013 11/01/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		SGISI	- UNIT 1 SG INSERVICE INSPECTION	1
1	11/04/2013 11/07/2013	IP 7111108P	Inservice Inspection Activities - PWR	

Comments:

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