



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

March 4, 2009

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

SUBJECT: ANNUAL ASSESSMENT LETTER - NORTH ANNA POWER STATION (NRC
INSPECTION REPORT NO. 05000338/2009001 AND 05000339/2009001)

Dear Mr. Christian:

On February 12, 2009, the NRC staff completed its performance review of the North Anna Power Station, Units 1 and 2. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2008. 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.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the security cornerstone review and resultant inspection plan.

Overall, North Anna Power Station Units 1 and 2 operated in a manner that preserved public health and safety, and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting special and infrequently performed IPs which include: Operator Licensing Exams; Independent Spent Fuel Storage Installation Operational Inspection; and TI 2515/172 Reactor Coolant System Dissimilar Metal Butt Welds.

In our mid-cycle assessment letter dated September 2, 2008, we advised you of a substantive cross-cutting issue in the area of human performance with a theme in the aspect of resources, complete, accurate and up-to-date design documentation, procedures, work packages, and correct labeling of components (H.2.c). The mid-cycle assessment letter stated that the substantive cross-cutting issue could be closed if your corrective actions in this area are effective as demonstrated by no new findings with the same cross-cutting aspect for the remainder of 2008. There were no new findings identified during that period with the cross-cutting aspect of resources, complete, accurate and up-to-date design documentation, procedures, work packages, and correct labeling of components, H.2(c).

You initiated a self assessment and a series of corrective actions to address the concerns identified by the NRC. These actions included upgrading the stations procedures to meet higher expectations with respect to place keeping, error prevention tools, level of detail, and clarification of conditional steps. You also implemented additional barriers such as detailed pre-job briefs and focused management observations until the revision process is complete.

Based on inspection results, corrective actions planned and implemented, and no new findings identified during the remainder of the assessment period with the cross-cutting aspect of resources, complete, accurate and up-to-date design documentation, procedures, work packages, and correct labeling of components, H.2(c), the NRC considered this cross-cutting issue closed.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through June 30, 2010. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of the inspector's arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

In accordance with 10 CFR 2.390 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).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 404-562-4551 with any questions you may have regarding this letter or the inspection plan.

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: Enclosure: North Anna Inspection/Activity Plan (03/01/09 - 06/30/10)

cc w/encl: (See next page)

cc w/encl:

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North Anna
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PSB1-RP - RP INSPECTION ACCESS CONTROLS (OUTAGE)		2
1, 2	03/09/2009	03/13/2009	IP 7112101	Access Control to Radiologically Significant Areas	
			EB3ISI - UNIT 1 INSERVICE INSPECTION		3
1	03/16/2009	03/20/2009	IP 7111108P	Inservice Inspection Activities - PWR	
			EB3SGISI - UNIT 1 STEAM GENERATOR INSERVICE INSP		1
1	03/16/2009	03/20/2009	IP 7111108P	Inservice Inspection Activities - PWR	
			EB3TI172 - TI-172 RCS DM BUTT WELD		2
1	03/16/2009	03/20/2009	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
			PSB1-RP - RADIATION PROTECTION PUBLIC BASELINE		3
1, 2	06/22/2009	06/26/2009	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
1, 2	06/22/2009	06/26/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	
1, 2	06/22/2009	06/26/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
1, 2	06/22/2009	06/26/2009	IP 71151	Performance Indicator Verification	
			ISFSI - ISFSI OPERATIONAL INSPECTION		2
1, 2	07/01/2009	10/15/2009	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			PSB1EP - EMERGENCY PREPAREDNESS INSPECTION		1
1, 2	07/06/2009	07/10/2009	IP 7111402	Alert and Notification System Testing	
1, 2	07/06/2009	07/10/2009	IP 7111403	Emergency Response Organization Augmentation Testing	
1, 2	07/06/2009	07/10/2009	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	07/06/2009	07/10/2009	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	07/06/2009	07/10/2009	IP 71151	Performance Indicator Verification	
			TFPI - TRIENNIEL FIRE PROTECTION INSPECTION		6
1, 2	09/14/2009	09/18/2009	IP 7111105T	Fire Protection [Triennial]	
1, 2	09/28/2009	10/02/2009	IP 7111105T	Fire Protection [Triennial]	
			EB1-CDBI - COMPONENT DESIGN BASIS INSPECTION		5
1, 2	10/19/2009	10/23/2009	IP 7111121	Component Design Bases Inspection	
1, 2	11/02/2009	11/06/2009	IP 7111121	Component Design Bases Inspection	
1, 2	11/16/2009	11/20/2009	IP 7111121	Component Design Bases Inspection	
1, 2	12/07/2009	12/11/2009	IP 7111121	Component Design Bases Inspection	
			OL RQ - REQUAL INSPECTION		2
1, 2	01/11/2010	01/15/2010	IP 7111111B	Licensed Operator Requalification Program	
			OL EXAM - INITIAL EXAM PREP		4
1	05/17/2010	05/21/2010	V23333	NORTH ANNA/JUNE 2010 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM - WEEK 1		4
1	06/07/2010	06/11/2010	V23333	NORTH ANNA/JUNE 2010 EXAM AT POWER FACILITIES	

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

North Anna
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Unit Number	Planned Dates Start End		Inspection Activity	Title	No. of Staff on Site
OL EXAM - INITIAL EXAM - WEEK 2					
1	06/21/2010	06/25/2010	V23333	NORTH ANNA/JUNE 2010 EXAM AT POWER FACILITIES	4

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