



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

August 31, 2006

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

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - NORTH
ANNA POWER STATION

Dear Mr. Christian:

On August 3, 2006, the NRC staff completed its performance review of the North Anna Power Station for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 the enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and a resultant inspection plan.

Overall, North Anna Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for North Anna Units 1 and 2 for the most recent quarter was in 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. In addition to the baseline inspections, we plan to conduct non-ROP inspections involving containment sump blockage, verification of the Mitigating Systems Performance Index, and Independent Spent Fuel Storage Installation.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2008. The inspection plan is provided to minimize the resource impact on your staff and to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last twelve months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

Package - ML062430353

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 the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4510 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Kerry D. Landis, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket Nos.: 50-338, 50-339, 72-016
License Nos.: NPF-4, NPF-7, SNM-2507

Enclosure: North Anna Inspection/Activity Plan

cc w/encl: (See page 3)

VEPCO

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North Anna
Inspection / Activity Plan
09/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	2515/169 - TI 2515/169 - MSPI VERIFICATION		1			
1,2	IP 2515/169	Mitigating Systems Performance Index Verification		08/01/2006	12/31/2006	Safety Issues
	PS2-EP - EP EXERCISE		3			
1,2	IP 7111401	Exercise Evaluation		12/04/2006	12/08/2006	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/04/2006	12/08/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		12/04/2006	12/08/2006	Baseline Inspections
	EB1-CDB - COMPONENT DESIGN BASES INSPECTION		4			
1,2	IP 7111121	Component Design Bases Inspection		12/11/2006	12/15/2006	Baseline Inspections
	EB1-CDB - COMPONENT DESIGN BASES INSPECTION		6			
1,2	IP 7111121	Component Design Bases Inspection		01/08/2007	01/12/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		01/22/2007	01/26/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		02/05/2007	02/09/2007	Baseline Inspections
	EB3-ISI - U2 INSERVICE INSPECTION		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/26/2007	03/30/2007	Baseline Inspections
	EB3SGISI - U2 STEAM GENERATOR ISI		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/02/2007	04/06/2007	Baseline Inspections
	EB1-SUMP - PWR U2 CONTMT SUMP BLOCKAGE TI 2515/166		1			
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02		04/08/2007	04/13/2007	Safety Issues
	PSB1-RP - RP PUBLIC PRE-INSP VISIT/ISFSI		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		05/14/2007	05/16/2007	Baseline Inspections
	PSB1-RP - RP PUBLIC BASELINE INSPECTION		4			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		06/11/2007	06/15/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/11/2007	06/15/2007	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/11/2007	06/15/2007	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		06/11/2007	06/15/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		06/11/2007	06/15/2007	Baseline Inspections
	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		4			
1,2	IP 71152B	Identification and Resolution of Problems		07/16/2007	07/20/2007	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		07/30/2007	08/03/2007	Baseline Inspections
	60854 - ISFSI DRY RUN FOR NUHOMS SYSTEM		1			
1	IP 60854	Preoperational Testing Of An ISFSI		07/02/2007	07/06/2007	Other Routine
	60855.1 - OPERATIONAL ISFSI INSPECTION BY RESIDENT		1			
1	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		07/09/2007	07/13/2007	Other Routine
	PS2-EP - EP INSP		1			
1,2	IP 7111402	Alert and Notification System Testing		08/06/2007	08/10/2007	Baseline Inspections

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
09/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PS2-EP - EP INSP		1			
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		08/06/2007	08/10/2007	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/06/2007	08/10/2007	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		08/06/2007	08/10/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/06/2007	08/10/2007	Baseline Inspections
	EB3-ISI - U1 INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		09/17/2007	09/21/2007	Baseline Inspections
	EB3SGISI - U1 STEAM GENERATOR ISI		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		09/24/2007	09/28/2007	Baseline Inspections
	EB1-SUMP - PWR U1 CONTMT SUMP BLOCKAGE TI 2151/166		1			
1	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		09/30/2007	10/05/2007	Safety Issues
	OL RQ - REQUAL INSPECTION		2			
1,2	IP 7111111B	Licensed Operator Requalification Program		01/14/2008	01/18/2008	Baseline Inspections
	PS2-EP - EP EXERCISE		3			
1,2	IP 7111401	Exercise Evaluation		02/11/2008	02/15/2008	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/11/2008	02/15/2008	Baseline Inspections
1,2	IP 71151-EP01	Drill/Exercise Performance		02/11/2008	02/15/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		02/11/2008	02/15/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		02/11/2008	02/15/2008	Baseline Inspections