



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

August 30, 2005

Virginia Electric and Power Company
ATTN.: Mr. David A. Christian
Sr. Vice President and
Chief Nuclear Officer
Innsbrook Technical Center - 2SW
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

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

Dear Mr. Christian:

On August 4, 2005, the NRC staff completed its performance review of the North Anna Power Station for the first half of the calendar year 2005 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.

Plant performance for the most recent quarter 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 only reactor oversight process baseline inspections at your facility through March 31, 2007. We also plan on conducting an inspection which is not part of the routine baseline inspection program. This is temporary instruction 2515/160, "Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors (NRC Bulletin 2004-01)."

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through March 31, 2007. 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.

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:

Chris L. Funderburk, Director
Nuclear Licensing and
Operations Support
Virginia Electric and Power Company
Electronic Mail Distribution

Attorney General
Supreme Court Building
900 East Main Street
Richmond, VA 23219

Jack M. Davis
Site Vice President
North Anna Power Station
Electronic Mail Distribution

Executive Vice President
Old Dominion Electric Cooperative
Electronic Mail Distribution

County Administrator
Louisa County
P. O. Box 160
Louisa, VA 23093

Lillian M. Cuoco, Esq.
Senior Counsel
Dominion Resources Services, Inc.
Electronic Mail Distribution

North Anna
Inspection / Activity Plan
09/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB3-ISI - U2 INSERVICE INSPECTION		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/11/2005	10/14/2005	Baseline Inspections
	EB3TI160 - 2515/160 U-2: PZR PENETRATION NOZZLES		2			
2	IP 2515/160	Pzr Pene Nozzles & Stm Space Piping Connections in U.S. PWRs [NRC Bulletin 2004-01]		10/11/2005	10/14/2005	Safety Issues
	EB3SGISI - U2 STEAM GENERATOR ISI		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/17/2005	10/21/2005	Baseline Inspections
	EB2-TFP - FIRE PROTECTION-TRIENNIAL PRE INSP VISIT		3			
1,2	IP 7111105T	Fire Protection [Triennial]		12/12/2005	12/16/2005	Baseline Inspections
	OL RQ - REQUAL INSPECTION		2			
1,2	IP 7111111B	Licensed Operator Requalification Program		01/23/2006	01/27/2006	Baseline Inspections
	EB2-TFP - FIRE PROTECTION-TRIENNIAL		4			
1,2	IP 7111105T	Fire Protection [Triennial]		01/23/2006	01/27/2006	Baseline Inspections
1,2	IP 7111105T	Fire Protection [Triennial]		02/06/2006	02/10/2006	Baseline Inspections
	PS1-RP - RP PREINSPECTION OCCUPATIONAL/ ISFSI		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		02/21/2006	02/23/2006	Baseline Inspections
	PS1-RP - RP BASELINE OCCUPATIONAL WK1		3			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		03/13/2006	03/17/2006	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		03/13/2006	03/17/2006	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		03/13/2006	03/17/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		03/13/2006	03/17/2006	Baseline Inspections
	EB3-ISI - U1 INSERVICE INSPECTION		2			
1	IP 7111108P	Inservice Inspection Activities - PWR		03/20/2006	03/24/2006	Baseline Inspections
	EB3SGISI - U1 STEAM GENERATOR ISI		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		03/27/2006	03/31/2006	Baseline Inspections
	PS1-RP - RP BASELINE OCCUPATIONAL WK2		3			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		03/27/2006	03/31/2006	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		03/27/2006	03/31/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		03/27/2006	03/31/2006	Baseline Inspections
	EB3-HS - HEAT SINK		2			
1,2	IP 7111107B	Heat Sink Performance		04/24/2006	04/28/2006	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		3			
1	V23217	NORTH ANNA/EXAMS AT POWER FACILITIES		05/01/2006	05/05/2006	Not Applicable
	OL EXAM - INITIAL EXAM WEEK 1		3			
1	V23217	NORTH ANNA/EXAMS AT POWER FACILITIES		05/22/2006	05/26/2006	Not Applicable

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
09/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	OL EXAM - INITIAL EXAM WEEK 2		3			
1	V23217	NORTH ANNA/EXAMS AT POWER FACILITIES		06/05/2006	06/09/2006	Not Applicable
	EB1-MODS - MODIFICATIONS/10CFR50.59		3			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/12/2006	06/16/2006	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		06/12/2006	06/16/2006	Baseline Inspections
	PS2-EP - EP EXERCISE		3			
1,2	IP 7111401	Exercise Evaluation		08/21/2006	08/25/2006	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/21/2006	08/25/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/21/2006	08/25/2006	Baseline Inspections
	EB1SSDPC - SSDPC PRE-INSPECTION VISIT		1			
1,2	IP 7111121	Safety System Design and Performance Capability		12/11/2006	12/15/2006	Baseline Inspections
	EB1SSDPC - SAFETY SYSTEM DESIGN & PERF. CAPABILITY		5			
1,2	IP 7111121	Safety System Design and Performance Capability		01/08/2007	01/12/2007	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		01/22/2007	01/26/2007	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		02/05/2007	02/09/2007	Baseline Inspections