



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

**REGION II**

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

November 27, 2000

Virginia Electric and Power Company  
ATTN: Mr. David A. Christian  
Senior 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 November 8, 2000 the NRC staff completed its mid-cycle plant performance assessment of your North Anna Power Station, Units 1 and 2. The mid-cycle review for the North Anna Power Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period of April 2, 2000, through September 30, 2000. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

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 baseline inspections at your facility through September 30<sup>th</sup>, 2001.

The enclosure details the scheduled inspections that will occur through September 30, 2001. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last six months of the inspection plans are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 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/NRC/ADAMS/index.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) 562-4605 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  
Licensee Nos. NPF-4, NPF-7

Enclosure: North Anna Inspection/Activity Plan

cc w/encl:

Stephen P. Sarver, Acting Manager  
Nuclear Licensing and  
Operations Support  
Virginia Electric and Power Company  
Electronic Mail Distribution

William R. Matthews  
Vice President--Nuclear Operations  
Virginia Electric and Power Company  
Electronic Mail Distribution

D. A. Heacock  
Site Vice President  
North Anna Power Station  
Electronic Mail Distribution

Richard H. Blount, II  
Site Vice President  
Surry Power Station  
Virginia Electric and Power Company  
Electronic Mail Distribution

Executive Vice President  
Old Dominion Electric Cooperative  
Electronic Mail Distribution

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

Donald P. Irwin, Esq.  
Hunton and Williams  
Electronic Mail Distribution

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

VEPCO

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Distribution w/encl:  
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**North Anna**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>OL EP - EMERGENCY PREPAREDNESS</b>		<b>2</b>			
1,2	IP 7111401	Exercise Evaluation		12/04/2000	12/08/2000	Baseline Inspections
	<b>PS-RP - RAD PROTECTION D</b>		<b>1</b>			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/22/2001	01/26/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		01/29/2001	02/02/2001	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		01/29/2001	02/02/2001	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		01/29/2001	02/02/2001	Baseline Inspections
	<b>PS-RP - RAD PROTECTION</b>		<b>1</b>			
1,2	IP 7112202	Radioactive Material Processing and Transportation		02/26/2001	03/02/2001	Baseline Inspections
	<b>MB ISI - ISI</b>		<b>1</b>			
1,2	IP 7111108	Inservice Inspection Activities		03/19/2001	03/23/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>2</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		03/19/2001	03/23/2001	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		03/19/2001	03/23/2001	Baseline Inspections
	<b>PB5-HS F - HEAT SINK, FLOOD PROTECTION</b>		<b>1</b>			
1,2	IP 7111106	Flood Protection Measures		03/26/2001	03/30/2001	Baseline Inspections
1,2	IP 7111107A	Heat Sink Performance		03/26/2001	03/30/2001	Baseline Inspections
	<b>MB-PI&amp;R - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>		<b>3</b>			
1,2	IP 71152	Identification and Resolution of Problems		04/23/2001	04/27/2001	Baseline Inspections
	<b>MB-PI&amp;R - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>		<b>3</b>			
1,2	IP 71152	Identification and Resolution of Problems		05/07/2001	05/11/2001	Baseline Inspections
	<b>MB-ISFSI - CASK LOADING &amp; 72.48 REVIEW</b>		<b>1</b>			
1,2	IP 60851	Design Control Of ISFSI Components		05/14/2001	05/18/2001	Other Routine
1,2	IP 60855	Operation Of An ISFSI		05/14/2001	05/18/2001	Other Routine
	<b>PS-SEC - SECURITY</b>		<b>1</b>			
1,2	IP 7113001	Access Authorization Program (Behavior Observation Only)		05/21/2001	05/25/2001	Baseline Inspections
1,2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		05/21/2001	05/25/2001	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		05/21/2001	05/25/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>2</b>			
1,2	IP 7112103	Radiation Monitoring Instrumentation		06/18/2001	06/22/2001	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		06/18/2001	06/22/2001	Baseline Inspections
	<b>EB-SSDI - SSDI PRE-INSPECTION VISIT</b>		<b>1</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		07/23/2001	07/27/2001	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>3</b>			
1,2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		07/30/2001	08/03/2001	Baseline Inspections

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

**North Anna**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>EB-SSDI - SSDI W/50.59</b>		<b>6</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		08/13/2001	08/17/2001	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		08/13/2001	08/17/2001	Baseline Inspections
	<b>MB MR - MAINT RULE</b>		<b>1</b>			
1,2	IP 7111112B	Maintenance Rule Implementation		08/20/2001	08/24/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1,2	IP 7112102	ALARA Planning and Controls		08/20/2001	08/24/2001	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/20/2001	08/24/2001	Baseline Inspections
	<b>EB-SSDI - SSDI</b>		<b>5</b>			
1,2	IP 7111121	Safety System Design and Performance Capability		08/27/2001	08/31/2001	Baseline Inspections
	<b>PS-RP - RAD PROTECTION</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/24/2001	09/28/2001	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		09/24/2001	09/28/2001	Baseline Inspections