



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23TB5
ATLANTA, GEORGIA 30303-8931**

August 26, 2002

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 AND INDEPENDENT SPENT FUEL STORAGE INSTALLATION

Dear Mr. Christian:

On August 6, 2002, the NRC staff completed its mid-cycle plant performance assessment of the North Anna Power Station. In accordance with NRC Inspection Manual Chapter 0305, "Operating Reactor Assessment Program," the mid-cycle review involved the participation of all technical divisions in evaluating the performance of your North Anna facility for the first half of the current assessment cycle, January 1 - December 31, 2002. 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 performance indicators indicating performance at a level requiring no additional NRC oversight (Green). Therefore, through September 30, 2003, we currently plan to conduct at your facility: (1) baseline inspections; (2) routine Independent Spent Fuel Storage Installation related inspections; and (3) license renewal related inspections.

The enclosed inspection plan details the inspections currently scheduled through September 30, 2003. 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 plan is tentative and may be revised at the end-of-cycle review.

In addition, the NRC is in the process of finalizing a Temporary Instruction that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules have not yet been finalized, but it is anticipated that these inspections will begin within the next

calendar quarter. Once finalized, the details will be communicated by separate correspondence.

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/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

License Nos.: NPF-4, NPF-7

Enclosure: North Anna Inspection / Activity Plan

cc w/encl:

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North Anna
Inspection / Activity Plan
09/01/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PS-RP	- RADIATION PROTECTION	3			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/09/2002	09/13/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/09/2002	09/13/2002	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		09/09/2002	09/13/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/09/2002	09/13/2002	Baseline Inspections
	EB2-ISI	- INSERVICE INSPECTION-U2	1			
2	IP 7111108	Inservice Inspection Activities		09/16/2002	09/20/2002	Baseline Inspections
	EB2-MODS	- MODIFICATION TESTING	2			
2	IP 7111117B	Permanent Plant Modifications		09/18/2002	09/19/2002	Baseline Inspections
	PS-RP	- RADIATION PROTECTION	2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		09/30/2002	10/04/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		09/30/2002	10/04/2002	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		09/30/2002	10/04/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/30/2002	10/04/2002	Baseline Inspections
	PS-SEC	- SECURITY AND ISFSI	2			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		10/07/2002	10/11/2002	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		10/07/2002	10/11/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/07/2002	10/11/2002	Baseline Inspections
	OA	- LICENSE RENEWAL- ANY REMAINING QUESTIONS	1			
1, 2	IP 71002	License Renewal Inspection		11/18/2002	11/22/2002	Other Routine
	EB2-HS	- HEAT SINK	2			
1, 2	IP 7111107B	Heat Sink Performance		12/09/2002	12/13/2002	Baseline Inspections
	ISFSI	- ISFSI	1			
1, 2	IP 60855	Operation Of An ISFSI		12/16/2002	12/18/2002	Other Routine
	PI&R	- PROBLEM IDENTIFICATION & RESOLUTION	3			
1, 2	IP 71152B	Identification and Resolution of Problems		01/27/2003	01/31/2003	Baseline Inspections
1, 2	IP 71152B	Identification and Resolution of Problems		02/10/2003	02/14/2003	Baseline Inspections
	EB2-ISI	- INSERVICE INSPECTION-U1	1			
1	IP 7111108	Inservice Inspection Activities		03/10/2003	03/14/2003	Baseline Inspections
	EB1-TFP	- TFP - PRE-INSPECTION VISIT	4			
1, 2	IP 7111105T	Fire Protection		04/21/2003	04/25/2003	Baseline Inspections
	EB1-TFP	- TRIENNIAL FIRE PROTECTION INSP	4			
1, 2	IP 7111105T	Fire Protection		05/05/2003	05/09/2003	Baseline Inspections
1, 2	IP 7111105T	Fire Protection		05/19/2003	05/23/2003	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
09/01/2002 - 09/30/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PS-RP	- RAD PROTECTION - ONSITE PREP AND ISFSI	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		06/02/2003	06/03/2003	Baseline Inspections
	PS-RP	- RADIATION PROTECTION AND ISFSI	3			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		06/16/2003	06/20/2003	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/16/2003	06/20/2003	Baseline Inspections
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/16/2003	06/20/2003	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		06/16/2003	06/20/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/16/2003	06/20/2003	Baseline Inspections
	EB1SSDPC	- SSDPC PRE-INSPECTION VISIT	1			
1, 2	IP 7111121	Safety System Design and Performance Capability		09/08/2003	09/12/2003	Baseline Inspections
	OL EP	- EP INSPECTION	1			
1, 2	IP 7111402	Alert and Notification System Testing		09/08/2003	09/12/2003	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		09/08/2003	09/12/2003	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/08/2003	09/12/2003	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/08/2003	09/12/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/08/2003	09/12/2003	Baseline Inspections
	EB2-MR	- MAINTENANCE RULE	1			
1, 2	IP 711112B	Maintenance Effectiveness		09/22/2003	09/26/2003	Baseline Inspections

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