



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

March 4, 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: ANNUAL ASSESSMENT LETTER - NORTH ANNA POWER STATION
(REPORTS 50-338/02-01 AND 50-339/02-01)**

Dear Mr. Christian:

On February 5, 2002, the NRC staff completed its end-of-cycle plant performance assessment of the North Anna Power Station. The end-of-cycle review for North Anna involved the participation of all technical divisions in evaluating performance indicators (PIs) and inspection results for the period from April 1 through December 31, 2001. 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 will provide you with the opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

As discussed in our previous annual assessment letter dated May 31, 2001, this inspection and assessment cycle consisted of three quarters (i.e. the second, third, and fourth calendar quarters of Calendar Year 2001) instead of the usual four quarters. This change was implemented in order to align the inspection and assessment cycle with the calendar year beginning on January 1, 2002.

Overall, North Anna 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 two 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 only baseline inspections, Independent Spent Fuel Storage Installation related inspections, and license renewal related inspections at your facility through March 31, 2003.

The enclosed inspection plan details the inspections scheduled through March 31, 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 are tentative and may be revised at the mid-cycle review meeting.

With respect to the terrorist attacks on the World Trade Center and the Pentagon, immediately following the attacks, the NRC issued safeguards advisories recommending that nuclear power plant licensees go to the highest level of security, and all promptly did so. With continued uncertainty about the possibility of additional terrorist activities, the Nation's nuclear power plants, including North Anna, remain at a high level of security. On February 25, 2002, the NRC issued an Order to all nuclear power plant licensees, requiring them to take certain additional interim compensatory measures to address the generalized high-level threat environment. These additional compensatory requirements will provide the NRC with reasonable assurance that public health and safety and the common defense and security continue to be adequately protected in the current generalized high-level threat environment. These requirements will remain in effect pending notification from the Commission that a significant change in the threat environment occurs, or until the Commission determines that other changes are needed following a more comprehensive re-evaluation of current safeguards and security programs. To date, we have monitored the Virginia Electric and Power Company's actions in response to the terrorist attacks through a series of audits. With the issuance of the Order, in addition to the inspections described in the enclosed plan, we will evaluate North Anna's compliance with these interim requirements.

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 this 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

cc w/encl.:

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North Anna
Inspection / Activity Plan
03/01/2002 - 03/31/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	LIC REN - VEPCO LR		4			
1, 2	IP 71002	License Renewal Inspection		04/29/2002	05/09/2002	Other Routine
	OL PREP - INITIAL EXAM PREP		3			
1	V23192	NORTH ANNA/EXAMS AT POWER FACILITIES		05/13/2002	05/17/2002	Not Applicable
	BR5-FLD - FLOOD PROTECTION MEASURES		1			
1, 2	IP 7111106	Flood Protection Measures		06/03/2002	06/07/2002	Baseline Inspections
	EB2-HS - EB2-HS		1			
1, 2	IP 7111107B	Heat Sink Performance		06/10/2002	06/14/2002	Baseline Inspections
	OL EXAM - INITIAL EXAM		4			
1	V23192	NORTH ANNA/EXAMS AT POWER FACILITIES		06/10/2002	06/14/2002	Not Applicable
	OL EP - EMERGENCY EXERCISE		2			
1, 2	IP 7111401	Exercise Evaluation		07/15/2002	07/19/2002	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/15/2002	07/19/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/15/2002	07/19/2002	Baseline Inspections
	EB2-MODS - EB2-MODS/50.59		2			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		08/26/2002	08/30/2002	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		08/26/2002	08/30/2002	Baseline Inspections
	PS-RP - RADIATION PROTECTION		3			
1, 2	IP 60855	Operation Of An ISFSI		09/09/2002	09/13/2002	Other Routine
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 - EB2-ISI		1			
2	IP 7111108	Inservice Inspection Activities		09/16/2002	09/20/2002	Baseline Inspections
	PS-SEC - SECURITY		1			
1, 2	IP 2515/146	Hydrogen Storage Locations		09/23/2002	09/27/2002	Safety Issues
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		09/23/2002	09/27/2002	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		09/23/2002	09/27/2002	Baseline Inspections
	PS-RP - RADIATION PROTECTION		3			
1, 2	IP 60855	Operation Of An ISFSI		09/30/2002	10/04/2002	Other Routine
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

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

North Anna
Inspection / Activity Plan
03/01/2002 - 03/31/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PS-RP	- RADIATION PROTECTION	3			
1, 2	IP 71151	Performance Indicator Verification		09/30/2002	10/04/2002	Baseline Inspections
	ISFSI	- EB2 ISFSI	1			
1, 2	IP 60855	Operation Of An ISFSI		12/09/2002	12/13/2002	Other Routine
	EB2-ISI	- EB2-ISI	1			
1	IP 7111108	Inservice Inspection Activities		03/10/2003	03/14/2003	Baseline Inspections