



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

May 31, 2001

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 - SURRY POWER STATION STATION  
(NRC INSPECTION REPORT NOS. 50-280, 281/01-01)

Dear Mr. Christian:

On May 2, 2001, the NRC staff completed its end-of-cycle plant performance assessment of the Surry Power Station. The end-of-cycle review for Surry involved the participation of all technical divisions in evaluating performance indicators (PIs) and inspection results for the period of April 2, 2000, to March 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 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.

Overall, Surry 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 three 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 May 31, 2002. We also wish to advise you that performance of an Operational Safeguards Response Evaluation (OSRE) is currently being considered for sometime in 2002. This consideration is based on the amount of time that has elapsed since the last OSRE at Surry.

The enclosed inspection plan details the scheduled inspections that will occur through May 31, 2002. This 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.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year (CY). In order to transition to a CY cycle (January 1 - December 31), the current inspection and assessment cycle will consist of only three quarters (i.e., the second, third, and fourth calendar quarters of CY 2001). As a result, for this transition period, the

number of inspection activities have been modified accordingly and a mid-cycle review letter and accompanying inspection plan will not be issued.

If circumstances arise which cause us to change our 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.

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).

Sincerely,

/RA/

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

Docket Nos.: 50-280, 50-281, 72-002  
License Nos.: DPR-32, DPR-37, SNM-2501

Enclosure: Surry Power Station Inspection/Activity Plan

cc w/encl.:

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

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

D. A. Heacock, Manager  
North Anna Power Station  
Electronic Mail Distribution

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

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

Virginia State Corporation Commission  
Division of Energy Regulation  
P. O. Box 1197  
Richmond, VA 23209

**Surry**  
**Inspection / Activity Plan**  
**06/04/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>OL EP - EMERGENCY PREPAREDNESS</b>		<b>2</b>			
1, 2	IP 7111401	Exercise Evaluation		06/25/2001	06/29/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>2</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/09/2001	07/13/2001	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		07/09/2001	07/13/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/09/2001	07/13/2001	Baseline Inspections
	<b>MB MODS - MODS &amp; 50.59</b>		<b>3</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		07/30/2001	08/03/2001	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		07/30/2001	08/03/2001	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>4</b>			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		08/20/2001	08/24/2001	Baseline Inspections
	<b>MB HS - HEAT SINK</b>		<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		09/10/2001	09/14/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>2</b>			
1, 2	IP 60855	Operation Of An ISFSI		10/22/2001	10/26/2001	Other Routine
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/22/2001	10/26/2001	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		10/22/2001	10/26/2001	Baseline Inspections
	<b>RP6-PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>3</b>			
1, 2	IP 71152	Identification and Resolution of Problems		11/26/2001	11/30/2001	Baseline Inspections
	<b>ISFSI - ISFSI CASK LOADING</b>		<b>1</b>			
1, 2	IP 60855	Operation Of An ISFSI		12/10/2001	12/14/2001	Other Routine
	<b>RP6-PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>3</b>			
1, 2	IP 71152	Identification and Resolution of Problems		12/10/2001	12/14/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/04/2002	02/08/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		02/04/2002	02/08/2002	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation		02/04/2002	02/08/2002	Baseline Inspections
	<b>LIC REN - VEPCO LR</b>		<b>4</b>			
1, 2	IP 71002	License Renewal Inspection		02/11/2002	02/15/2002	Other Routine
	<b>PS-SEC - SECURITY</b>		<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorization)		02/25/2002	03/01/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		02/25/2002	03/01/2002	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>3</b>			
1, 2	IP 81110	Operational Safeguards Response Evaluation (OSRE)		03/04/2002	03/08/2002	Baseline Inspections

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

06/01/2001 10:30:11

**Surry**  
**Inspection / Activity Plan**  
**06/04/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>OL PREP - INITIAL EXAM PREP</b>		<b>3</b>			
1	V23181	SURRY/EXAMS AT POWER FACILITIES		03/11/2002	03/15/2002	Not Applicable
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		03/18/2002	03/22/2002	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		03/18/2002	03/22/2002	Baseline Inspections
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
1	V23181	SURRY/EXAMS AT POWER FACILITIES		03/25/2002	03/29/2002	Not Applicable
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
1	V23181	SURRY/EXAMS AT POWER FACILITIES		04/01/2002	04/05/2002	Not Applicable
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		04/08/2002	04/12/2002	Baseline Inspections
	<b>MB ISI - ISI</b>		<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		04/15/2002	04/19/2002	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		05/20/2002	05/24/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		05/20/2002	05/24/2002	Baseline Inspections
	<b>MB LR - VEPCO LR</b>		<b>4</b>			
1, 2	IP 71002	License Renewal Inspection		05/20/2002	05/24/2002	Other Routine

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