



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
ATLANTA, GEORGIA 30303-8931**

August 27, 2003

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 - SURRY
POWER STATION**

Dear Mr. Christian:

On August 11, 2003, the NRC staff completed its mid-cycle plant performance assessment of the Surry Power Station. The mid-cycle review for the Surry Power Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 - December 31, 2003. 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 that may conflict with your plant activities.

Plant Performance at Surry Unit 1 and Unit 2 for the most recent quarter was within the Regulatory Response column of the NRC's Action Matrix based on a White PI, Safety System Unavailability - Emergency AC Power, in the Mitigating Systems Cornerstone. The White PI on both units was discussed in our Annual Assessment Letter, dated March 4, 2003. Based upon the results of a Supplemental Inspection conducted in 2002 and the continuing acceptability of your ongoing corrective actions, we plan no additional special inspection for this White PI. Therefore, we plan to conduct baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. Included in the inspection plan are inspection activities associated with your Independent Spent Fuel Storage Installation and the Unit 2 reactor vessel head replacement outage. 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 inspections in the last six months of the inspection plan 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/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 Mr. Kerry Landis at 404 562-4510 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Victor M. McCree, Acting Director
Division of Reactor Projects

Docket Nos.: 50-280, 50-281
License Nos.: DPR-32, DPR-37

Enclosure: Surry Inspection/Activity Plan

cc w/encl.:

Chris L. Funderburk, 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

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

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

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

Surry
Inspection / Activity Plan
09/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PS-RP - RP - ISFSI		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/08/2003	09/10/2003	Baseline Inspections
	EB2 HR - REACTOR HEAD REPLACEMENT		1			
2	IP 71007	Reactor Vessel Head Replacement Inspection		09/15/2003	09/19/2003	Other Routine
	PS-RP - RAD PROTECTION AND HEAD REPLACEMENT		2			
1,2	IP 71007	Reactor Vessel Head Replacement Inspection		09/29/2003	10/03/2003	Other Routine
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/29/2003	10/03/2003	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		09/29/2003	10/03/2003	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		09/29/2003	10/03/2003	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		09/29/2003	10/03/2003	Baseline Inspections
	S/G-ISI - S/G INSERVICE INSPECTION-U2		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		09/29/2003	10/03/2003	Baseline Inspections
	EB2-ISI - INSERVICE INSPECTION-U2		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/06/2003	10/10/2003	Baseline Inspections
	EB2 CONT - CONTAINMENT REPAIR		1			
2	IP 71007	Reactor Vessel Head Replacement Inspection		10/19/2003	10/23/2003	Other Routine
	PS-RP - RAD PROTECTION AND HEAD REPLACEMENT		2			
1,2	IP 71007	Reactor Vessel Head Replacement Inspection		10/27/2003	10/31/2003	Other Routine
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/27/2003	10/31/2003	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/27/2003	10/31/2003	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		10/27/2003	10/31/2003	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/27/2003	10/31/2003	Baseline Inspections
	RX HEAD - CONTAINMENT REPAIR & HEAD REPLACEMENT		1			
2	IP 71007	Reactor Vessel Head Replacement Inspection		11/10/2003	11/13/2003	Other Routine
	DRP/BR5 - PI&R		5			
1,2	IP 71152B	Identification and Resolution of Problems		11/17/2003	11/21/2003	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		12/01/2003	12/05/2003	Baseline Inspections
	PS-SEC - SECURITY		2			
1,2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		12/01/2003	12/05/2003	Baseline Inspections
1,2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Str		12/01/2003	12/05/2003	Baseline Inspections
	EB2-HS - HEAT SINK		1			
1,2	IP 7111107B	Heat Sink Performance		01/05/2004	01/09/2004	Baseline Inspections
	EB2-MR - MAINTENANCE RULE		1			
1,2	IP 7111112B	Maintenance Effectiveness		01/26/2004	01/30/2004	Baseline Inspections

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

Surry
Inspection / Activity Plan
09/01/2003 - 09/30/2004

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	OL PREP - INITIAL EXAM PREP		3			
1	V23210	SURRY/EXAMS AT POWER FACILITIES		02/02/2004	02/06/2004	Not Applicable
	OL EXAM - INITIAL EXAM		4			
1	V23210	SURRY/EXAMS AT POWER FACILITIES		02/23/2004	02/27/2004	Not Applicable
	EB1SSDPC - SSDPC PRE-INSPECTION VISIT		2			
1, 2	IP 7111121	Safety System Design and Performance Capability		03/01/2004	03/05/2004	Baseline Inspections
	OL EXAM - INITIAL EXAM		5			
1	V23210	SURRY/EXAMS AT POWER FACILITIES		03/08/2004	03/12/2004	Not Applicable
	EB1SSDPC - SAFETY SYS DESIGN & PERFORMANCE CAPABILI		5			
1, 2	IP 7111121	Safety System Design and Performance Capability		03/22/2004	03/26/2004	Baseline Inspections
1, 2	IP 7111121	Safety System Design and Performance Capability		04/05/2004	04/09/2004	Baseline Inspections
	PS-RP - RADIATION PROTECTION		3			
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/07/2004	06/11/2004	Baseline Inspections
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/07/2004	06/11/2004	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		06/07/2004	06/11/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/07/2004	06/11/2004	Baseline Inspections
	OL EP - EP INSPECTION		1			
1, 2	IP 7111402	Alert and Notification System Testing		07/26/2004	07/30/2004	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		07/26/2004	07/30/2004	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/26/2004	07/30/2004	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/26/2004	07/30/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/26/2004	07/30/2004	Baseline Inspections