



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

August 31, 2006

Virginia Electric and Power Company
ATTN: Mr. David A. Christian
Senior Vice President and
Chief Nuclear Officer
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - SURRY
POWER STATION

Dear Mr. Christian:

On August 3, 2006, the NRC staff completed its performance review of the Surry Power Station for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 performance review and the enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and a resultant inspection plan.

Overall, Surry Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for Surry Units 1 and 2 for the most recent quarter was in the Regulatory Response Column of the NRC's Action Matrix of Inspection Manual Chapter 305, "Operating Reactor Assessment Program," due to a White inspection finding in the Emergency Preparedness Cornerstone. The White inspection finding involved the failure to identify, during the exercise critique, that the proper emergency action level was not entered during a full scale exercise. The White finding was identified in the first quarter of calendar year 2006. In accordance with the NRC's Action Matrix, a White inspection finding reflected performance at a level requiring increased regulatory response. Therefore, in addition to the reactor oversight process (ROP) baseline inspection program at your facility, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Inspection for One or Two White Inputs In a Strategic Performance Area," in the Emergency Preparedness Cornerstone. We will coordinate with your staff to schedule the supplemental inspection. In addition, we plan to conduct non-ROP inspections involving containment sump blockage, verification of the Mitigating Systems Performance Index, and Independent Spent Fuel Storage Installation.

Package - ML062430481

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2008. The inspection plan is provided to minimize the resource impact on your staff and to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last twelve months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.390 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/

Charles A. Casto, Director
Division of Reactor Projects

Docket Nos.: 50-280, 50-281, 72-002, 72-55
Licensee Nos.: DPR-32, DPR-37, SNM-2501

Enclosure: Surry Inspection/Activity Plan

cc w/encl: (See page 3)

VEPCO

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cc w/encl:

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Surry
Inspection / Activity Plan
09/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	2515/169 - TI 2515/169 - MSPI VERIFICATION		1			
1,2	IP 2515/169	Mitigating Systems Performance Index Verification		08/01/2006	12/31/2006	Safety Issues
	EB3-MR - MR EFFECTIVENESS		1			
1,2	IP 7111112B	Maintenance Effectiveness		08/28/2006	09/01/2006	Baseline Inspections
	PS2-EP - EP INSP		1			
1,2	IP 7111402	Alert and Notification System Testing		10/23/2006	10/27/2006	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		10/23/2006	10/27/2006	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/23/2006	10/27/2006	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		10/23/2006	10/27/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/23/2006	10/27/2006	Baseline Inspections
	EB3-ISI - U2 INSERVICE INSPECTION		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/30/2006	11/03/2006	Baseline Inspections
	EB3SGISI - U2 STEAM GENERATOR ISI		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		11/06/2006	11/10/2006	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-2)		1			
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		11/12/2006	11/17/2006	Safety Issues
	EB3-HS - HEAT SINK		1			
1,2	IP 7111107B	Heat Sink Performance		11/27/2006	12/01/2006	Baseline Inspections
	OL RQ - REQUAL INSPECTION		3			
1,2	IP 7111111B	Licensed Operator Requalification Program		01/22/2007	01/26/2007	Baseline Inspections
	ISFSI - ISFSI DRY RUN NUHOMS CASK		4			
1,2	IP 60854	Preoperational Testing Of An ISFSI		05/07/2007	05/18/2007	Other Routine
1,2	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating F		05/07/2007	05/18/2007	Other Routine
	EB1-MODS - MODIFICATIONS-10CFR50.59		2			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/11/2007	06/15/2007	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		06/11/2007	06/15/2007	Baseline Inspections
	60855.1 - OPERATIONAL ISFSI INSPECTION BY RESIDENT		1			
1	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		07/09/2007	07/13/2007	Other Routine
	PS2-EP - EP EXERCISE		3			
1,2	IP 7111401	Exercise Evaluation		07/09/2007	07/13/2007	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/09/2007	07/13/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		07/09/2007	07/13/2007	Baseline Inspections
	PSB1-RP - RP PUBLIC BASELINE		1			
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		07/09/2007	07/13/2007	Baseline Inspections

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

Enclosure

Surry
Inspection / Activity Plan
09/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PI&R	- PROBLEM IDENTIFICATION & RESOLUTION	4			
1,2	IP 71152B	Identification and Resolution of Problems		09/24/2007	09/28/2007	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		10/08/2007	10/12/2007	Baseline Inspections
	PSB1-RP	- RP OCCUPATIONAL PRE-INSP VISIT/ISFSI	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/24/2007	09/26/2007	Baseline Inspections
	PSB1-RP	- RP OCCUPATIONAL BASELINE INSP WK1	2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/22/2007	10/26/2007	Baseline Inspections
	EB3-ISI	- U1 INSERVICE INSPECTION	1			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/29/2007	11/02/2007	Baseline Inspections
	EB3SGISI	- U1 STEAM GENERATOR ISI	1			
1	IP 7111108P	Inservice Inspection Activities - PWR		11/05/2007	11/09/2007	Baseline Inspections
	PSB1-RP	- RP OCCUPATIONAL BASLINE INSP WK 2	3			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		11/05/2007	11/09/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		11/05/2007	11/09/2007	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		11/05/2007	11/09/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		11/05/2007	11/09/2007	Baseline Inspections
	EB1-SUMP	- PWR CONTAINMENT SUMP BLOCKAGE TI (U-1)	1			
1	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02		11/11/2007	11/16/2007	Safety Issues
	EB1-CDB	- COMPONENT DESIGN BASES INSPECTION	1			
1,2	IP 7111121	Component Design Bases Inspection		12/10/2007	12/14/2007	Baseline Inspections
	EB1-CDB	- COMPONENT DESIGN BASES INSPECTION	5			
1,2	IP 7111121	Component Design Bases Inspection		01/07/2008	01/11/2008	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		01/21/2008	01/25/2008	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		02/04/2008	02/08/2008	Baseline Inspections
	OL EXAM	- INITIAL EXAM PREP	2			
1	V23279	SURRY/MARCH 2008 EXAM AT POWER FACILITIES		02/25/2008	02/29/2008	Not Applicable
	OL EXAM	- INITIAL EXAM	3			
1	V23279	SURRY/MARCH 2008 EXAM AT POWER FACILITIES		03/17/2008	03/28/2008	Not Applicable