



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

April 17, 2009

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

SUBJECT: MEETING ANNOUNCEMENT - PUBLIC MEETING / OPEN HOUSE - SURRY
POWER STATION, DOCKET NOS. 50-280 AND 50-281

Dear Mr. Christian:

This letter refers to the Category 3 public meeting which occurred on April 6, 2009, at 6:00 p.m. at the Surry Government Center, Surry, VA. Enclosed is a list of attendees and materials used during the presentation. The purpose of the meeting was to provide an open public forum to discuss the NRC Reactor Oversight Process and the Annual Assessment of the Surry Power Station. It is our opinion that this meeting was beneficial and successfully provided an open forum to discuss the NRC's regulatory process with the public.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures 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> (Public Electronic Reading Room).

Should you have any questions concerning this meeting, please contact me at (404) 562-4551.

Sincerely,

/RA/

Gerald J. McCoy, Chief
Reactor Projects Branch 5
Division of Reactor Projects

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

Enclosures: 1. Meeting Attendance List
2. Meeting Presentation Slides
3. Posters

cc w/encls: (See page 2)

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PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: Yes ACCESSION NUMBER: _____ SUNSI REVIEW COMPLETE

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	GJM for	GJM					
NAME	DArnett	GMcCoy					
DATE	4/ /2009	4/ /2009	4/ /2009				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRPII\RPB5\SURRY\MEETINGS\SURRY 2008 EOC PUBLIC MEETING SUMMARY.DOC

cc w/encl:

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Site Vice President
Surry Power Station
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Electronic Mail Distribution

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Virginia Electric and Power Company
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Surry, VA 23883

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Virginia Department of Emergency
Services Management
Electronic Mail Distribution

Letter to David A. Christian from Gerald J. McCoy dated April 17, 2009

SUBJECT: MEETING ANNOUNCEMENT - PUBLIC MEETING/OPEN HOUSE - SURRY
POWER STATION, DOCKET NOS. 50-280 AND 50-281

Distribution (E-Mail):

Director, DORL
Region II Administrator's Secretary
Region II DRP Division Secretary
Region II Division Directors and Deputies
Region II Counsel
Region II State Liaison Officer
Region II Public Affairs Officer
Region II Resource Management Branch
Region II Receptionist
Region II Regional Coordinator OEDO
Headquarters Operation Officer
PMNS
L. Slack, RII EICS
RIDSNRRDIRS
RIDSNRRDIRSIPAB
RidsNrrPMSurry Resource
OE Mail
PUBLIC

ATTENDANCE LIST

Attended NRC public meeting to discuss the NRC Reactor Oversight Process and the Annual Assessment of the Surry Power Station on April 6, 2009, at the Surry Government Center, Juvenile and Domestic Relations Courtroom, Surry, Virginia:

Kenneth W. Bowers _____
~~Scott George - Congressman Bobby Scott~~ _____
JOSEPH W JENKINS _____
B.L. Stanley _____



Surry Power Station Annual Assessment Meeting

Reactor Oversight Program - 2008

Nuclear Regulatory Commission - Region II
Surry, Virginia
April 6, 2009



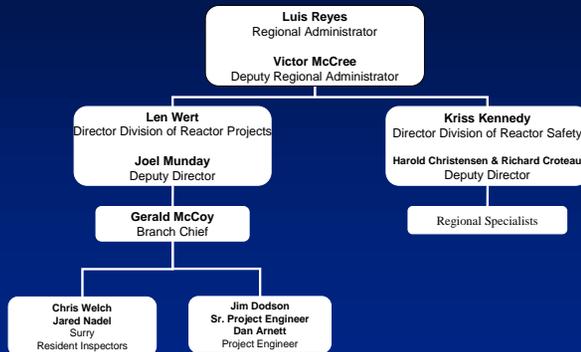
Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance in 2008
- NRC will address the performance issues identified in the annual assessment letter

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Region II Organization



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Our Mission

- To license and regulate the nation's civilian use of byproduct, source, and special nuclear materials to ensure adequate protection of public health and safety, promote the common defense and security, and protect the environment.



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Some Nuclear Facts



- More than 100 nuclear power plants supply about 20 percent of the electricity in the U.S.
- Nuclear materials are used in medicine for diagnosis and cancer treatment.
- Nuclear materials are widely used in industry, such as in density gauges, flow measurement devices, radiography devices, and irradiators.

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The NRC Regulates

- Nuclear reactors - commercial power reactors, research and test reactors, new reactor designs
- Nuclear materials - nuclear reactor fuel, radioactive materials for medical, industrial, and academic use
- Nuclear waste – transportation, storage and disposal of nuclear material and waste, decommissioning of nuclear facilities
- Nuclear security – physical security of nuclear facilities and materials from sabotage or attacks

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What We Don't Do

- Regulate nuclear weapons, military reactors, or space vehicle reactors
- Own or operate nuclear power plants
- Regulate some radioactive materials, such as X-rays and naturally occurring radon

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How We Regulate

- Establish rules and regulations
- Issue licenses
- Provide oversight through inspection, enforcement, and evaluation of operational experience
- Conduct research to provide support for regulatory decisions
- Respond to events and emergencies

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Assurance of Plant Safety

- Require “defense-in-depth”
- Require long-term maintenance of equipment
- Require continual training of operators
- Verify compliance with regulations

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What We Do – Nuclear Waste



- The NRC regulates:
 - Storage of spent reactor fuel in fuel pools or dry storage casks, and
 - A national spent fuel storage site--Yucca Mountain.

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What We Do – Nuclear Security



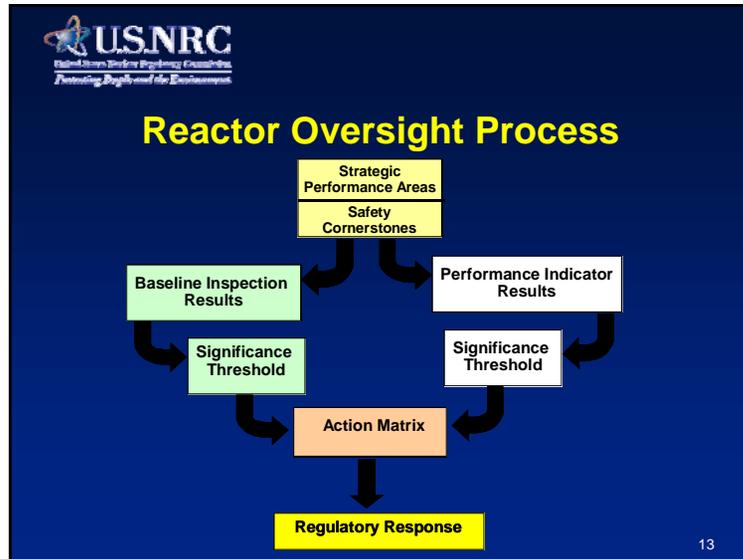
- NRC Requires:
 - Well-armed and well-trained security forces,
 - Surveillance and perimeter patrols,
 - State-of-the-art site access equipment and controls,
 - Physical barriers and detection zones, and
 - Intrusion detection systems and alarm stations.

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NRC Performance Goals

- Safety: Ensure adequate protection of public health and safety and the environment.
- Security: Ensure adequate protection in the secure use and management of radioactive materials.

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-
- Examples of Baseline Inspections**
- Equipment Alignment ~80 hrs/yr
 - Triennial Fire Protection ~250 hrs every 3 yrs
 - Operator Response ~125 hrs/yr
 - Emergency Preparedness ~80 hrs/yr
 - Rad Release Controls ~110 hrs every 2 yrs
 - Worker Radiation Protection ~95 hrs/yr
 - Corrective Action Program ~250 hrs every 2 yrs
 - Corrective Action Case Reviews ~60 hrs/yr

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Significance Threshold

Performance Indicators

Green: Only Baseline Inspection
White: May increase NRC oversight
Yellow: Requires more NRC oversight
Red: Requires more NRC oversight

Inspection Findings

Green: Very low safety issue
White: Low to moderate safety issue
Yellow: Substantial safety issue
Red: High safety issue

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National Summary of Plant Performance

Status at End of 2008

Licensee Response	86
Regulatory Response	14
Degraded Cornerstone	3
Multiple/Repetitive Degraded Cornerstone	1
Unacceptable	0
Total	104

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National Summary

- Performance Indicator Results (end of CY 2008)
 - Green 1762
 - White 6
 - Yellow 0
 - Red 0
- Total Inspection Findings (for 2008)
 - Green 776
 - White 17
 - Yellow 0
 - Red 0

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Surry Power Station Assessment Results

(January 1 - December 31, 2008)

- Surry's performance was within the Licensee Response Column of the Action Matrix for all four quarters.
- No supplemental inspections were conducted.

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Safety Significant Findings or PIs

- No safety significant findings or PIs were identified during the assessment period.
- All Reactor Oversight Process inspection findings were classified as very low safety significance (Green).
- All performance indicators were Green.

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Surry Power Station Inspection Activities

(January 1 - December 31, 2008)

8,202 hours of inspection related activities

- Operator Licensing Inspections
- Independent Spent Fuel Storage Installation Inspections
- Component Design Basis Inspection
- Heat Sink Inspection
- Emergency Preparedness Inspections
- Radiation Protection Inspections
- Dissimilar Metals Inspection (TI 2515/172)
- In-Service Inspections
- PWR Containment Sump Blockage (TI 2515/166)
- Resident Inspector daily Inspections

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Surry Power Station Annual Assessment Summary

(January 1 - December 31, 2008)

- Virginia Electric and Power Company operated the Surry Power Station in a manner that preserved public health and safety.
- All cornerstone objectives were met.

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Surry Power Station Annual Assessment Summary

(January 1 - December 31, 2008)

- Substantive cross-cutting issues—none were identified during CY 2008
- NRC plans baseline inspections at Surry for the remainder of CY 2009.

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Open to the Public

- The NRC places a high priority on keeping the public and stakeholders informed of its activities.
- At www.nrc.gov, you can:
 - Find public meeting dates and transcripts;
 - Read NRC testimony, speeches, press releases, and policy decisions; and
 - Access the agency's Electronic Reading Room to find NRC publications and documents.

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Contacting the NRC

- Report an emergency
 - (301) 816-5100 (call collect)
- Report a safety concern
 - (800) 695-7403
 - Allegation@nrc.gov
- General information or questions
 - www.nrc.gov
 - Select “What We Do” for Public Affairs

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NRC Representatives

- Chris Welch, Senior Resident Inspector
 - (757) 357-2101
- Jared Nadel, Resident Inspector
 - (757) 357-2102
- Jim Dodson, Senior Project Engineer
 - (404) 562-4655
- Gerry McCoy, Branch Chief
 - (404) 562-4551

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Reference Sources

- Reactor Oversight Process
 - <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>
- Public Electronic Reading Room
 - <http://www.nrc.gov/reading-rm.html>
- Public Document Room
 - 1-800-397-4209 (Toll Free)

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NRC Strategic Plan

Strategic Goals

- **Safety:** Ensure adequate protection of public health and safety and the environment.
- **Security:** Ensure adequate protection in the secure use and management of radioactive materials.



Strategic Objectives

- **Openness:** The NRC appropriately informs and involves stakeholders in the regulatory process.
- **Effectiveness:** NRC actions are high quality, efficient, timely, and realistic, to enable the safe and beneficial use of radioactive materials.
- **Operational Excellence:** NRC operations use effective business methods and solutions to achieve excellence in accomplishing the agency's mission.



Nuclear Security & Safeguards

Physical Protection

- Security Inspections
- Force-on-Force Exercises
- Interagency Cooperation
- Intrusion Detection & Assessment
- Response & Offsite Assistance
- Threat Assessment

Components of Security



Information Security

Preventing Unauthorized Disclosure

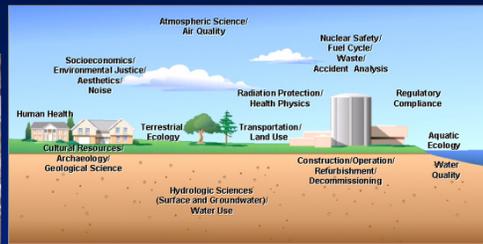


License Renewal

▪ Safety Review of Aging Management



▪ Review of Environmental Impacts



▪ Opportunities for Public Participation



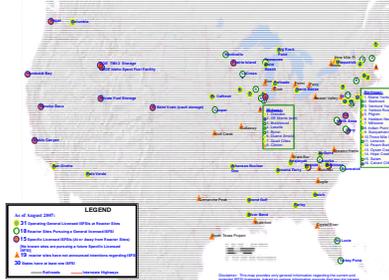
Spent Nuclear Fuel Safe and Secure Storage & Transport



Assured By

- Comprehensive Regulations
- Detailed NRC Review
- Robust Cask & Package Designs
- Significant Experience Base
- Continued Oversight

U.S. Independent Spent Fuel Storage Installations



Spent Fuel Dry Storage Single & Dual Purpose Cask

As some nuclear reactors across the country, spent fuel is kept on site, above ground, in systems basically similar to the ones shown here.

1. The spent fuel is loaded in a cask. The cask is designed to protect the fuel from fire, theft, and sabotage. The cask is also designed to protect the fuel from radiation. The cask is made of thick steel and concrete. The cask is designed to last for 40 years.
2. The cask is placed in a storage area. The storage area is designed to protect the cask from fire, theft, and sabotage. The storage area is also designed to protect the cask from radiation. The storage area is made of thick steel and concrete. The storage area is designed to last for 40 years.

