



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

May 31, 2013

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

SUBJECT: PUBLIC MEETING SUMMARY– SURRY POWER STATION  
DOCKET NOS. 50-280, 50-281

Dear Mr. Heacock:

This refers to the meeting conducted on May 23, 2013, in Surry, Virginia. The purpose of the meeting/open house session was to provide opportunities to discuss the annual assessment of Surry Power Station with the public for the period of January 1, 2012 – December 31, 2012. Enclosed are a list of attendees, copies of the poster boards displayed at the meeting, and the meeting handout.

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 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) 997-4551.

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. List of Attendees  
2. Poster Boards  
3. Meeting Handout

cc w/encls: See page 2

May 31, 2013

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

SUBJECT: PUBLIC MEETING SUMMARY– SURRY POWER STATION  
DOCKET NOS. 50-280, 50-281

Dear Mr. Heacock:

This refers to the meeting conducted on May 23, 2013, in Surry, Virginia. The purpose of the meeting/open house session was to provide opportunities to discuss the annual assessment of Surry Power Station with the public for the period of January 1, 2012 – December 31, 2012. Enclosed are a list of attendees, copies of the poster boards displayed at the meeting, and the meeting handout.

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 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) 997-4551.

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. List of Attendees  
2. Poster Boards  
3. Meeting Handout

cc w/encls: See page 2

PUBLICLY AVAILABLE

NON-PUBLICLY AVAILABLE

SENSITIVE

NON-SENSITIVE

ADAMS:  Yes

ACCESSION NUMBER: \_\_\_\_\_

SUNSI REVIEW COMPLETE  FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	BRB:/RA/	GJM:/RA/					
NAME	BBishop	GMcCoy					
DATE	5/30/2013	5/30/2013	6/ /2013	6/ /2013	6/ /2013	6/ /2013	6/ /2013
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY  
SUMMARY.DOCX

DOCUMENT NAME: G:\DRPI\RPB5\SURRY\MEETINGS\SUR 2012 EOC PUBLIC MEETING

D. Heacock

2

cc: w/encls.

Larry Lane  
Site Vice President  
Surry Power Station  
Virginia Electric and Power Company  
Electronic Mail Distribution

Douglas C. Lawrence  
Director, Nuclear Safety and Licensing  
Virginia Electric and Power Company  
Electronic Mail Distribution

Kenny B. Sloane  
Plant Manager  
Surry Power Station  
Virginia Electric & Power Company  
Electronic Mail Distribution

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

Tom Huber  
Director, Nuclear Licensing & Operations Support  
Innsbrook Technical Center  
Electronic Mail Distribution

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

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

Senior Resident Inspector  
Surry Power Station  
U.S. Nuclear Regulatory Commission  
5850 Hog Island Rd  
Surry, VA 23883

Michael M. Cline  
Director  
Virginia Department of Emergency Services Management  
Electronic Mail Distribution

D. Heacock

3

Letter to David A. Heacock from Gerald J. McCoy dated May 31, 2013.

SUBJECT: PUBLIC MEETING SUMMARY– SURRY POWER STATION  
DOCKET NOS. 50-280, 50-281

**DISTRIBUTION:**

C. Evans, RII EICS

L. Douglas, RII EICS

OE Mail

RIDSNRRDIRS

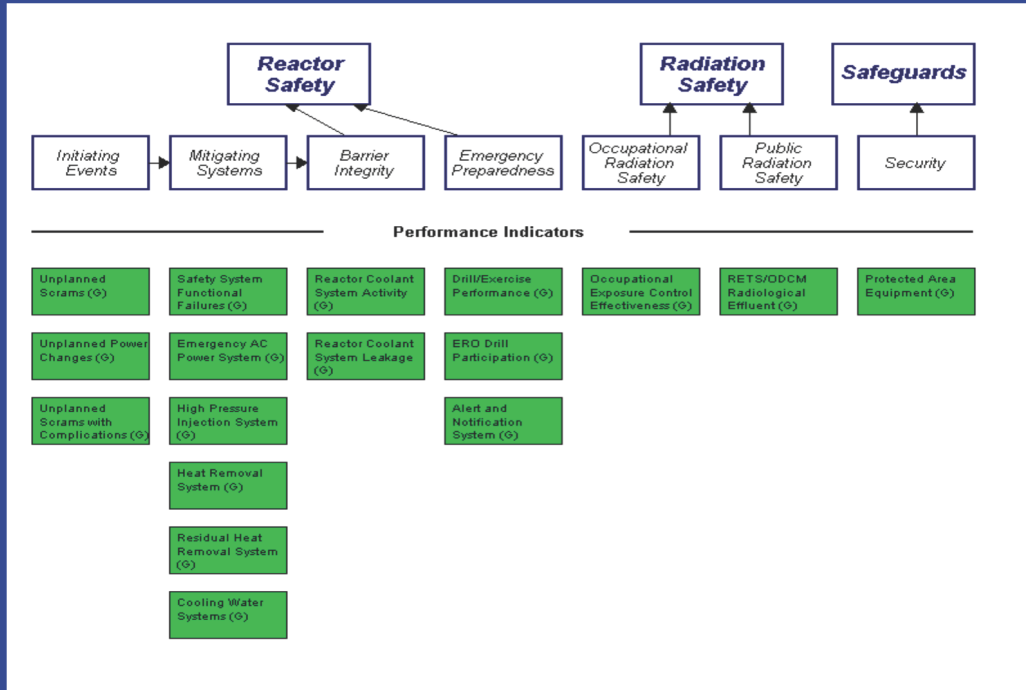
PUBLIC

RidsNrrPMSurry Resource



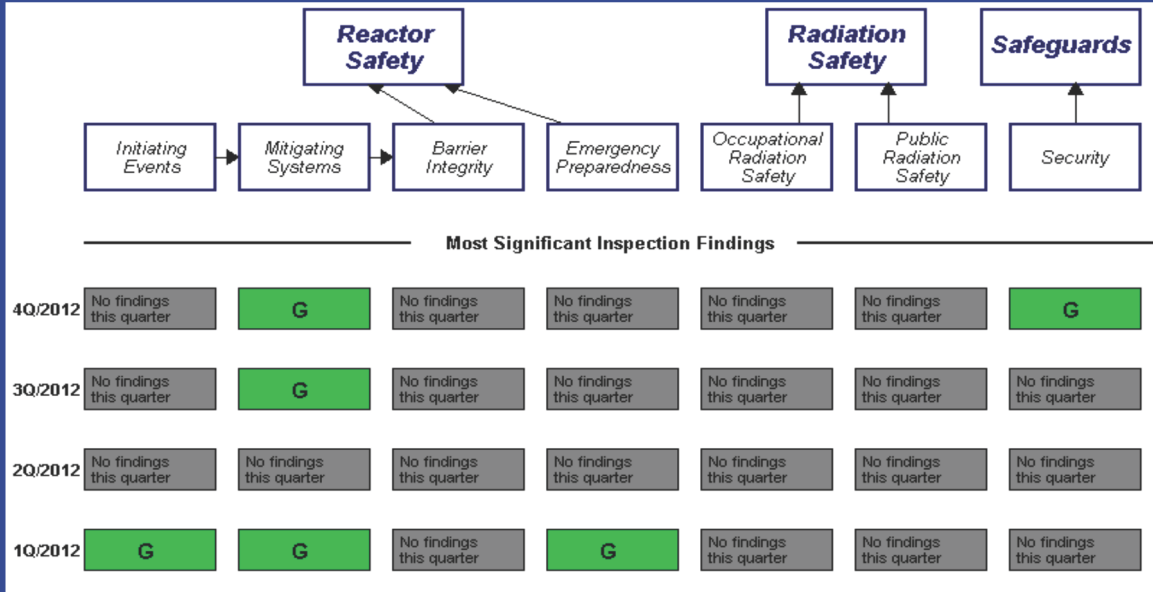
Attendees for the Surry FOC meeting on May 23, 2012

Tyrone Franklin  
Doug Lawrence  
Cliff Redstone  
Barry Garbar  
Demontre Boone  
Kathy Lippard  
Gerald McCoy  
Jared Nadel  
Ron Cureton  
Roger Hannah





# Surry







# Site Locations



# A Day in the Life of an NRC Resident Inspector



1



2 The NRC Resident Inspector is a specially trained nuclear power expert who lives in the community around the plant.



3 Even if you're not employed by the NRC, if you're a Resident Inspector, you're on the plant site. But, strict rules require that you be independent so they can't even socialize with plant employees.



4 As with everyone at the plant, the Inspector passes through security checkpoints.



5 Each morning, the Inspector visits the reactor's Control Room and gets information on the status from the operators.



6 Resident Inspectors also attend the "Plan of the Day" meeting with plant officials to understand what plant activities are scheduled for that day.



7 Inspectors meet with plant management on a regular basis to discuss plant safety issues found during the inspections. The Inspectors would immediately notify plant management if they identified an urgent safety issue. These inspection results are available to the public each quarter.



8 Resident Inspectors work as a team with the NRC experts to make sure the plant is following NRC rules.



9 Resident Inspectors -- there are at least two at each site -- perform their activities each day with safety as the key measure.



10 The Inspector provides the plant about site safety information to the NRC Regional Office every morning.



11 As part of their routine, Resident Inspectors walk through the plant and inspect plant facilities and operations. These inspectors have a few tricks to watch plant workers at their jobs.



12 Resident Inspectors also observe plant workers during emergency exercises. Inspectors watch to make sure everyone knows what they are supposed to do and are following NRC rules.



13 During a risk emergency, Resident Inspectors work with plant employees to address the issue and report to NRC Headquarters what is happening at the plant.



14 Plant workers can bring their concerns about plant management directly to the Resident Inspectors or submit them anonymously. These concerns are handled by the NRC's legation process.



15 NRC Resident Inspectors get the chance to inspect and visit other plants, because at their home, it's all about to put "fresh eyes" on other issues elsewhere.



16 Have a safe day!



17 Resident Inspectors play a very important role for the NRC. They see the reactor's small world with eyes and ears.



18 Inspectors have training opportunities to help them do their job better and prepare for another position in the NRC. They can only work at any one plant site for 7 years.

**Surry Power Station, Units 1 and 2  
Annual Assessment Meeting**

2012 Reactor Oversight Process  
Nuclear Regulatory Commission  
Region 2



## NRC Strategic Plan 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



## NRC Annual Assessment Summary

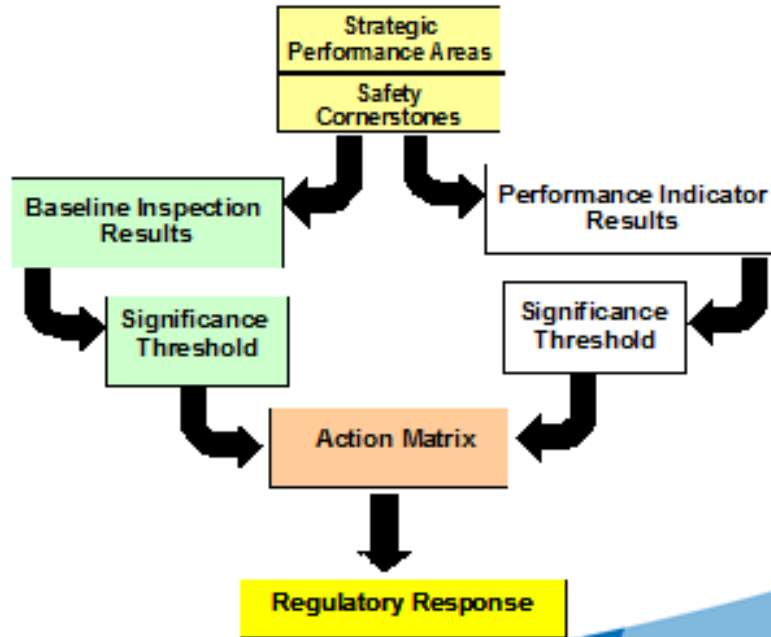


### Surry Power Station, Units 1 and 2

- VEPCO operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- Surry Power Station, Units 1 and 2 were in the Licensee Response Column of the NRCs ROP Action Matrix for all of 2012.



# Reactor Oversight Process





## NRC Inspection Activities

Surry Power Station, Units 1 and 2 for  
2012

- 3456 hours of inspection and related activities\*
- Two resident inspectors on site – residents issue four quarterly inspection reports per year and conduct continuous plant walkdowns
- 11 regional inspections
- 3 major team inspections
  - Triennial Fire Protection
  - Emergency Preparedness
  - Modifications

## Surry Power Station, Units 1 and 2 Inspection Activities



January 1 - December 31, 2012

- TI-182 Buried Piping/Tank
- Initial License Examination
- Unit 1 Spring Outage
- Unit 2 Fall Outage





## Surry Power Station, Units 1 and 2 PIs and Findings



- Performance Indicators were all Green.
- 9 Green / Severity Level IV inspection findings
- No ***greater than green*** inspection findings



## Representative NRC Inspection Findings



### Surry Power Station, Units 1 and 2

- Green Non-cited Violation: Failure to provide appropriate procedural guidance for Component Cooling Water flow to the thermal barrier heat exchanger
- Green Non-cited Violation: Failure to maintain a standard emergency action level scheme for earthquakes
- Green Non-cited Violation: Failure to follow operability procedure for Charging pump



## Significance Threshold

### Performance Indicators

- **Green** Baseline Inspection
- **White** Requires additional NRC oversight
- **Yellow** Requires more NRC oversight
- **Red** Requires most NRC oversight

### Inspection Findings

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

# Action Matrix Columns



Licensee Response	Regulatory Response	Degraded	Multiple/Repetitive Degraded	Unacceptable Performance
-------------------	---------------------	----------	------------------------------	--------------------------



## Increasing

- Safety Significance
- Inspection
- Management Involvement
- Regulatory Action



## National Summary of Plant Performance



Status as of 12/31/2012

Licensee Response	83
Regulatory Response	16
Degraded Cornerstone	3
Multiple/Repetitive Deg. Cornerstone	1
Unacceptable	0
IMC 0350 Oversight	1
Total	104

## NRC Plans for 2013



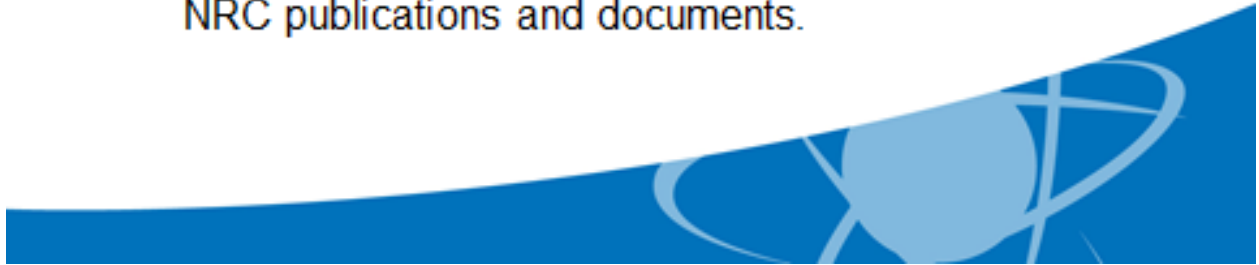
- NRC plans baseline inspections at Surry Power Station, Units 1 and 2 for the remainder of 2013. This includes:
  - Problem Identification and Resolution team inspection
  - Inservice inspections during the Unit 1 Fall outage



# Open to the Public



- The NRC places a high priority on keeping the public and stakeholders informed of its activities.
- At [www.nrc.gov](http://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.



## Contacting the NRC

U.S. Nuclear Regulatory Commission  
Protecting People and the Environment

- 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](http://www.nrc.gov)
  - Select “What We Do” for Public Affairs



# NRC Social Media Channels



- Blog: <http://public-blog.nrc-gateway.gov/>
- Flickr: <http://www.flickr.com/photos/nrcgov/>
- Twitter: <https://twitter.com/#!/nrcgov>
- YouTube: <http://www.youtube.com/user/NRCgov>
- RSS: <http://www.nrc.gov/public-involve/listserver.html#rss>