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

April 28, 2011

Mr. Tom E. Tynan
Vice President - Vogtle
Southern Nuclear Operating Company, Inc.
Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830

SUBJECT: PUBLIC MEETING SUMMARY - VOGTLE ELECTRIC GENERATING PLANT - DOCKET NOS. 50-424 AND 50-425

Dear Mr. Tynan:

This refers to the meeting conducted on April 19, 2011, in Waynesboro, GA. The purpose of the meeting/open house session was to provide opportunities to discuss the annual assessment of Vogtle Electric Generating Plant with the public for the period of January 1, 2010 – December 31, 2010.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room (PDR) 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).

Should you have any questions concerning this meeting, please contact me at (404) 997-4521.

Sincerely,

/RA/

Scott M. Shaeffer, Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos.: 50-424, 50-425
License Nos.: NPF-68 and NPF-81

Enclosures:
1. List of Attendees
2. Powerpoint Presentation
3. Poster Boards

cc w/encls: (See page 2)

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X PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE X NON-SENSITIVE

ADAMS: ☐ Yes ACCESSION NUMBER: ML111180738 ☐ SUNSI REVIEW COMPLETE

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	TXL /RA/	SMS /RA/					
NAME	TLighty	SShaeffer					
DATE	04/26/2011	04/27/2011					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRPII\RPB2\VOGTLE\MID & END CYCLE\EOC 2010\EOC MEETING SUMMARY\2010 MEETING SUMMARY.DOC

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Susan E. Jenkins
Director, Division of Waste Management
Bureau of Land and Waste Management
S.C. Department of Health and
Environmental Control
Electronic Mail Distribution

Letter to Tom E. Tynan from Scott M. Shaeffer dated April 28, 2011

SUBJECT: PUBLIC MEETING SUMMARY - VOGTLE ELECTRIC GENERATING PLANT - DOCKET NOS. 50-424 AND 50-425

Distribution w/encls:
C. Evans, RII
L. Douglas, RII
OE Mail
RIDSNRRDIRS
PUBLIC
RidsNrrPMVogtle Resource

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

VOGTLE END OF CYCLE MEETING
April 19, 2011

NAME	TITLE
DAVID McCARY	
A. K. Hasan	Pres. CSRA Citizens for Nuclear Energy
Sean Hayes	Env. Compliance GA DNR
Amy Whaley	Co owner Rep (OPC)
Ellie Daniel	Southern Nuclear Public Affairs
Mike McCracken	Southern Nuclear Public Affairs
Mark Hickox	Southern Nuclear Lic Engr
Elizabeth Adams	Southern Nuclear Co.
TOM TYNAN	SOUTHERN NUCLEAR
HERMAN BROWN	City Of Wboro
Bill Tinley	Councilman City of W'Boro
JERRY RANALLI	Local Citizen
Willie Tomlin	Pastor — Thomson Geo. S.C.
Shirley Fields	Resident
ANNIE LAURA STEPHENS	CONCERNED CITIZEN
Alyson Fuqua	Southern Nuclear
Lisa Smith	Georgia Power Area Manager
Richard H Byne	City Council - (Waynesboro)

Enclosure 1

Vogtle Nuclear Plant Annual Assessment Meeting

2010 Reactor Oversight Process

Nuclear Regulatory Commission – Region 2

Waynesboro, GA

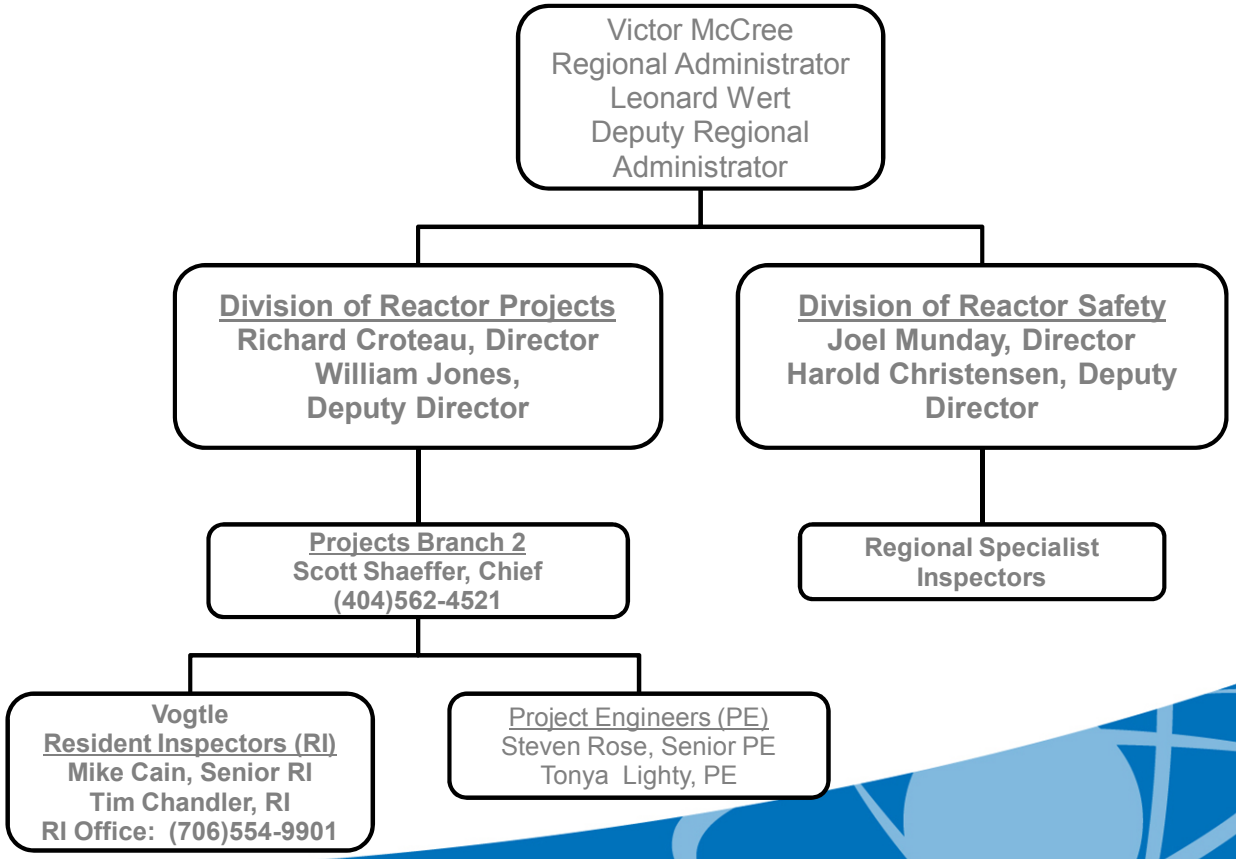
April 19, 2011

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Enclosure 2

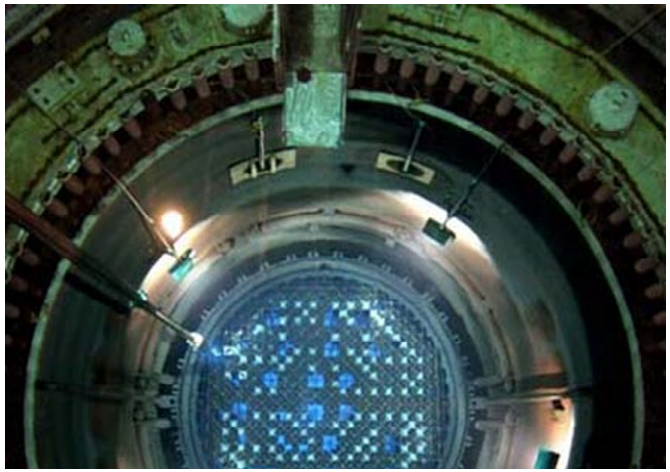
Region 2 Organization

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment



U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

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.

Some Nuclear Facts

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United States Nuclear Regulatory Commission
Protecting People and the Environment

- 104 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.

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

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

How We Regulate

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United States Nuclear Regulatory Commission
Protecting People and the Environment

- 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

Assurance of Plant Safety

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

What We Do – Nuclear Waste

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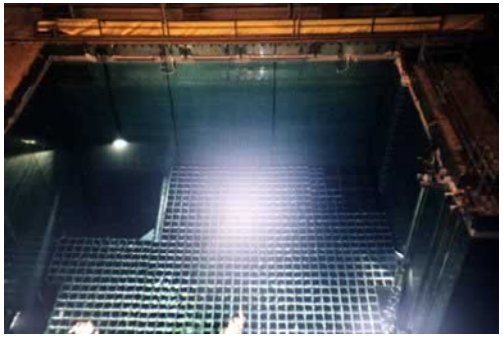


- The NRC regulates:
  - Storage of spent reactor fuel in fuel pools or dry storage casks, and
  - Any national spent fuel storage site, such as the proposed Yucca Mountain site.

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.

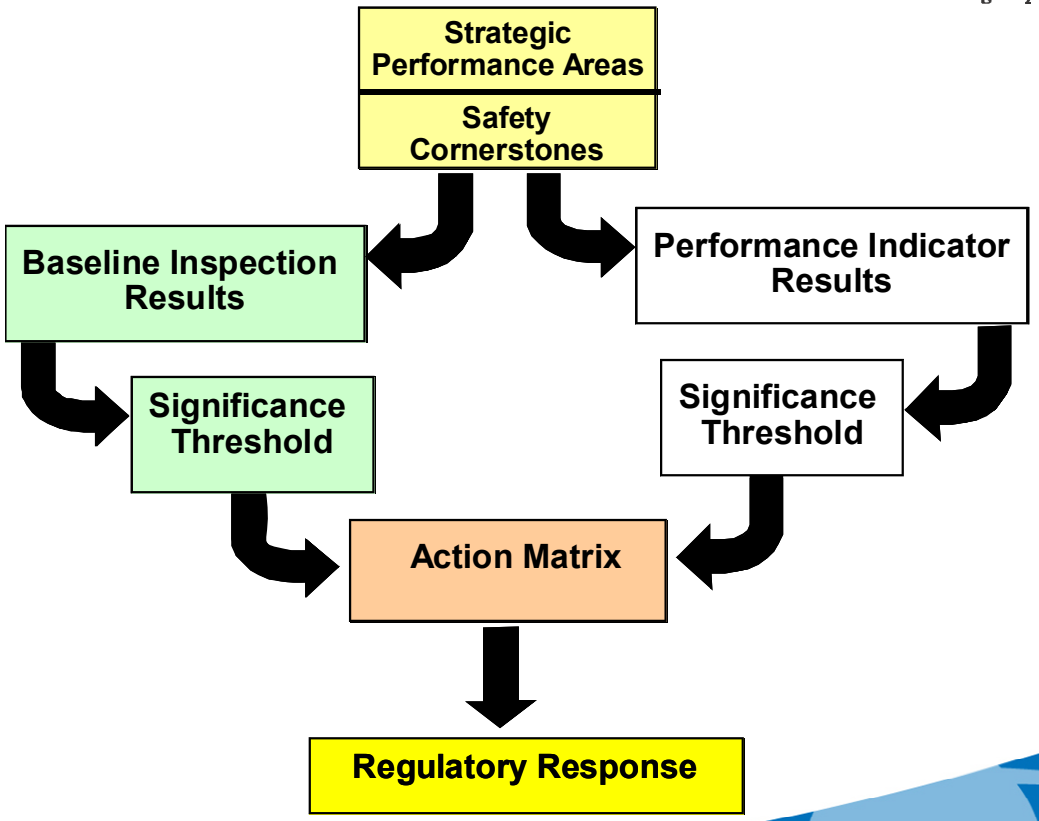
NRC Strategic Plan Goals

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

- 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

Reactor Oversight Process



Significance Threshold

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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

NRC Annual Assessment Summary

Vogtle

- Vogtle Units 1 & 2 operated the plant safely and in a manner that preserved the public health and safety and protected the environment.

- Vogtle was in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2010.

NRC Inspection Activities

Vogtle for 2010

- 9741 hours of inspection and related activities
- Two resident inspectors on site – residents generate four quarterly inspection reports per year and walk through the plant every day
- 2 major team inspections
  - Component Design Basis Inspection
  - Triennial Fire Protection Inspection

Vogtle PIs and Findings

January 1 through December 31, 2010

- All Green Performance Indicators
- Five Green / One Severity Level IV inspection findings
- No White inspection findings

NRC Plans for 2011

- NRC plans baseline inspections at Vogtle for 2011 includes:

Operator License Exam	March 2011
Inservice Inspection	March 2011
Emergency Preparedness	April 2011
Mods 50.59 Inspection	May 2011
Heat Sink Triennial	June 2011
Radiological Hazards Assessment	September 2011
TI-179 Verification	September 2011
Inservice Inspection	September 2011
Operator Licensing Requal	October 2011
Unit 2 SG Inservice Inspection	October 2011

What Do You Think of the ROP?

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Protecting People and the Environment

The biennial ROP external survey is coming 3rd Quarter 2011, and we want to hear from you!

Email ROPsurvey@nrc.gov to be notified when the ROP survey is available.

For information on ROP stakeholder feedback, please visit our website at
http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/program-evaluations.html#section3

End of Presentation

Nuclear Regulatory Commission

Region 2

Waynesboro, GA

April 19, 2011

U.S.NRC
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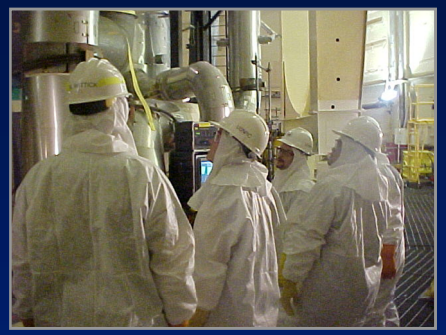
Protecting People and the Environment

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.

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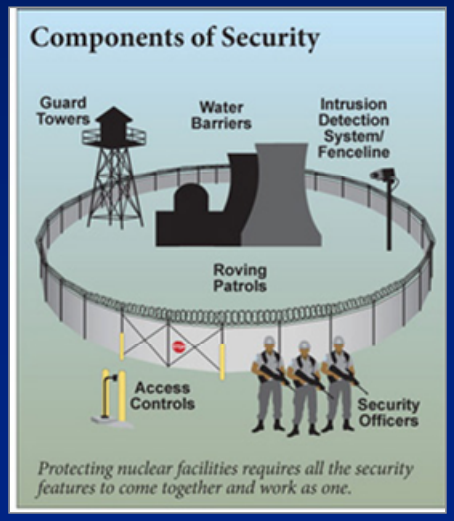
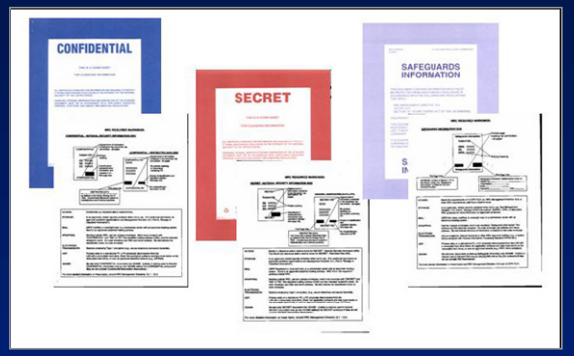
Nuclear Security & Safeguards

Physical Protection

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





Information Security

Preventing Unauthorized Disclosure

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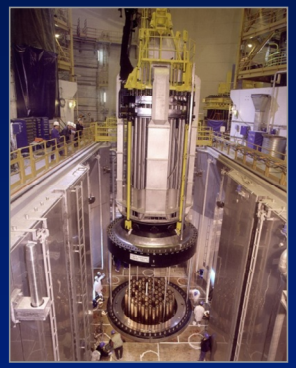
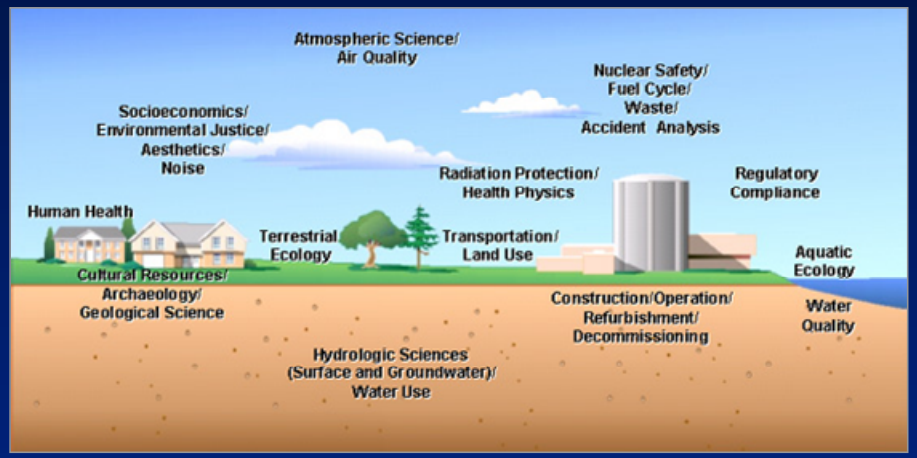
Protecting People and the Environment

License Renewal

- Safety Review of Aging Management



- Review of Environmental Impacts



- Opportunities for Public Participation

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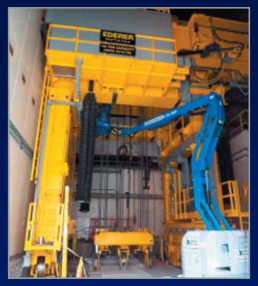
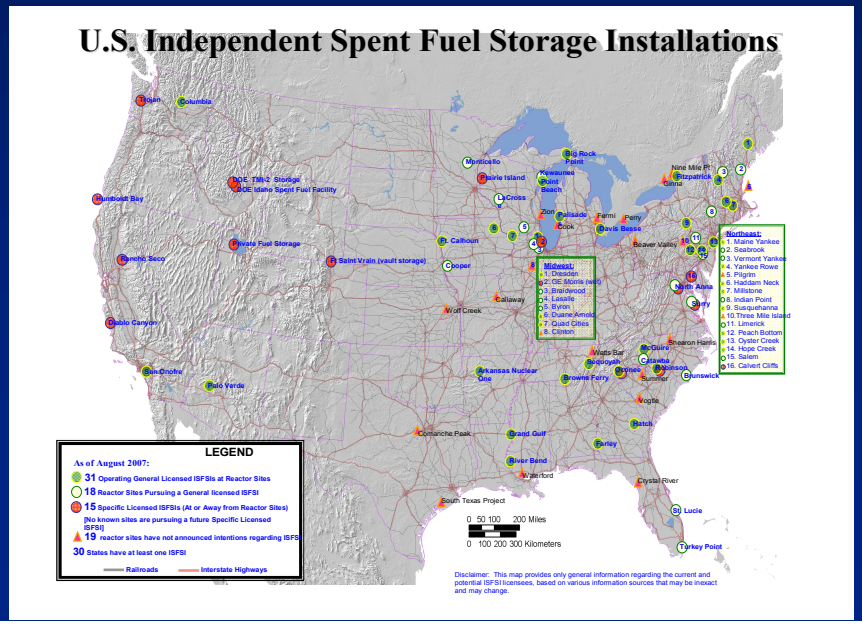
Protecting People and the Environment

Spent Nuclear Fuel

Safe and Secure Storage & Transport



Assured By

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