



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

May 10, 2013

Carolina Power and Light Company
Mr. Michael J. Annacone
Vice President
Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461

SUBJECT: MEETING SUMMARY - CATEGORY 3 PUBLIC MEETING - ANNUAL
ASSESSMENT OF BRUNSWICK STEAM ELECTRIC PLANT, DOCKET NOS.
50-325, 50-324

Dear Mr. Annacone:

This refers to the Category 3 public meeting which was held on April 24, 2013, at 4:30 p.m., Eastern Daylight Time (EDT), at the Brunswick Media Center Auditorium. The purpose of the meeting was to discuss the NRC Reactor Oversight Process Annual Assessment of your Brunswick Steam Electric Plant.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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 Agency wide Document Access and Management 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) 997-4645.

Sincerely,

/RA/

George Hopper, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket Nos.: 50-325, 50-324
License Nos.: DPR-71, DPR-62

Enclosures: 1. List of Attendees
2. NRC Presentation

cc w/encls.: See page 2

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☒ PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE ☐ SENSITIVE ☒ NON-SENSITIVE
ADAMS: xYes ACCESSION NUMBER: x SUNSI REVIEW COMPLETE xFORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP				
SIGNATURE	JSD:/RA/	GTH:/RA/				
NAME	JDodson	GHopper				
DATE	5/ /2013	5/ /2013	5/ /2013	5/ /2013	5/ /2013	5/ /2013
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRPI\RPB4\BRUNSWICK\MEETING
NOTICE\BRUNSWICK EOC MEETING SUMMARY 2012.DOCX

cc w/encls.

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Brunswick Steam Electric Plant
Progress Energy
Electronic Mail Distribution

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(cc w/encls. continued next page)

M. Annacone

3

(cc w/encls. continued)
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Wilmington, NC 28403

Letter to Michael J. Annacone from George T. Hopper dated May 10, 2013.

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ASSESSMENT OF BRUNSWICK STEAM ELECTRIC PLANT, DOCKET NOS.
50-325, 50-324

DISTRIBUTION:

C. Evans, RII EICS

L. Douglas, RII EICS

OE Mail (email address if applicable)

RIDSNRRDIRS

PUBLIC

RidsNrrPMBrunswick Resource

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

BRUNSWICK NUCLEAR PLANT
ANNUAL PUBLIC ASSESSMENT MEETING
Southport, NC
April 24, 2013

Name (Print)	Title and Organization
DAVID HICKLEY	RETIRED
Mark Gillan	Areva - Director
Gene Thompson	Resident on Island
Ken (Hubert) Ames	VP Bow Products
Todd Beane	Comm - Duke Energy
Mike Shepherd	
Katey Moore	
Mark Schwieg	NRC
ROGER HANNAH	NRC
RANDALL MUSSER	NRC
Greg Kilpatrick	Duke
ED WILKES	Duke
Ken White	
Mike Annacone	Duke
Kyle White	
Barbara Achery	

A Day in the Life of an NRC Resident Inspector

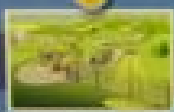


1



2

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



3

Even though they are employed by the NRC, the Resident Inspectors work in the plant and are not subject to the same rules as the inspectors who work at the plant.



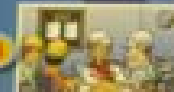
4

As with everyone at the plant, the Resident Inspectors follow the same rules as the plant employees.



5

Each morning, the Resident Inspector reports to the plant and gets a briefing from the plant manager about the day's activities.



6

Resident Inspectors also report to the "Big Boss" (the plant manager) about the day's activities and any problems that may have occurred.



7

Resident Inspectors are also responsible for monitoring the plant's safety systems and ensuring that the plant is operating in a safe and sound manner. They also monitor the plant's environmental performance and ensure that the plant is complying with all applicable regulations.



8

Resident Inspectors work as a team with the plant's other inspectors to ensure that the plant is operating in a safe and sound manner.



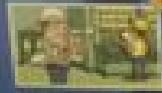
9

Resident Inspectors also work as a team with the plant's other inspectors to ensure that the plant is operating in a safe and sound manner.



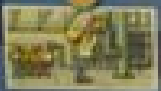
10

The Resident Inspector also works closely with the plant's other inspectors to ensure that the plant is operating in a safe and sound manner.



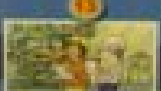
11

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12

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13

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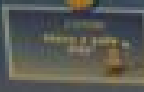
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15

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16

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17

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18

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U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

License Renewal

- Safety Review of Aging Management
- Review of Environmental Impacts
- Opportunities for Public Participation






U.S. NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
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

U.S. Independent Spent Fuel Storage Installations



LEGEND

- Idaho (INEL)
- Nevada (NRC)
- Texas (TSC)
- Utah (UIC)
- Washington (WIC)
- Wisconsin (WIC)
- Wyoming (WIC)

Spent Fuel Dry Storage Single & Dual Purpose Cask

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

1 Spent fuel is loaded into a cask designed to hold up to 16 fuel rods. The cask is then sealed and filled with inert gas to prevent oxidation. The cask is then moved to a storage area.



2 The cask is then moved to a storage area. The cask is then sealed and filled with inert gas to prevent oxidation. The cask is then moved to a storage area.





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.

