



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

May 5, 2015

MEMORANDUM TO: George T. Hopper, Chief
Reactor Projects Branch 4
Division of Reactor Projects

FROM: Donna N. Jackson */RA/*
Project Engineer
Reactor Projects Branch 4

SUBJECT: PUBLIC MEETING SUMMARY - 2014 ANNUAL ASSESSMENT PUBLIC
MEETING REGARDING BRUNSWICK STEAM ELECTRIC PLANT,
DOCKET NOS. 050-325, 050-324

On April 28, 2015, the Nuclear Regulatory Commission (NRC) staff met with members of the public at the Southport Community Building. The purpose of the open house and poster board session was to provide opportunities to discuss the annual assessment of the Brunswick Steam Electric Plant with the public for the period of January 1, 2014, through December 31, 2014. The meeting notice and agenda are available in the Agencywide Documents Access and Management System at Accession No. ML15098A189. Enclosed are a list of attendees, copies of the poster boards displayed at the meeting, and a list of the NRC handouts that were available:

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

Enclosures:

1. List of Attendees
2. Poster Boards
3. List of NRC Handouts Available

CONTACT: Donna N. Jackson, RII/DRP/RPB4
404-997-4892

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☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: ☒ Yes ACCESSION NUMBER: ML15125A460

☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	DXW4	GTH1	DED1				
NAME	DJackson	GHopper	JDodson				
DATE	5/05/2015	5/05/2015	5/05/2015				
E-MAIL COPY?	YES NO	YES NO	YES NO				

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRP\RPB4\BRUNSWICK\MEETINGS\BRUNSWICK EOC MEETING
SUMMARY 2014.DOCX



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REGION II
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ATLANTA, GEORGIA 30303-1257

Brunswick Annual Assessment Public Meeting
Southport, NC
April 28, 2015

Name (Print)	Title and Organization
1. Jim Brumm	REPORTER
2. Annette Rose	BNP OR-Director
3. Scott Cannon	BNP Marit Supt.
4. Tom Sherrill	Duke Reg Affairs
5. Lee Grzech	Duke- Reg Affairs
6. JEFF NOLIN	DUKE - Engineering
7. Randy Gidew	DUKE - SITE VP
8. Donell Johnson	TWC News
9. Karen Williams	Communications- Duke Energy
10. ANDREW PADLECKAS	DUKE - OPERATIONS
11. John Krakuszeski	Duke - Plant Manager
12. KARL MEER	SUPPORT SERVICES DIR
13. Wynn Wagenseil	Resident
14.	
15.	
16.	
17.	
18.	
19.	
20.	

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 though they are employed by the NRC, the Resident Inspectors work at the plant site. But, strict rules require them to be independent and 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 plant 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.



10

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



9

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



8

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



7

The Inspector provides the plant status and 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 inspections allow them 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 real 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 allegation process.



15

NRC Resident Inspectors get the chance to inspect and visit other plants, because of their special skills and to put "fresh eyes" on other issues elsewhere.



18

Have a safe day!



17

Resident Inspectors play a very important role for the NRC. They are the agency's on-the-ground eyes and ears.



16

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.

Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep Degraded Cornerstone	Unacceptable Performance
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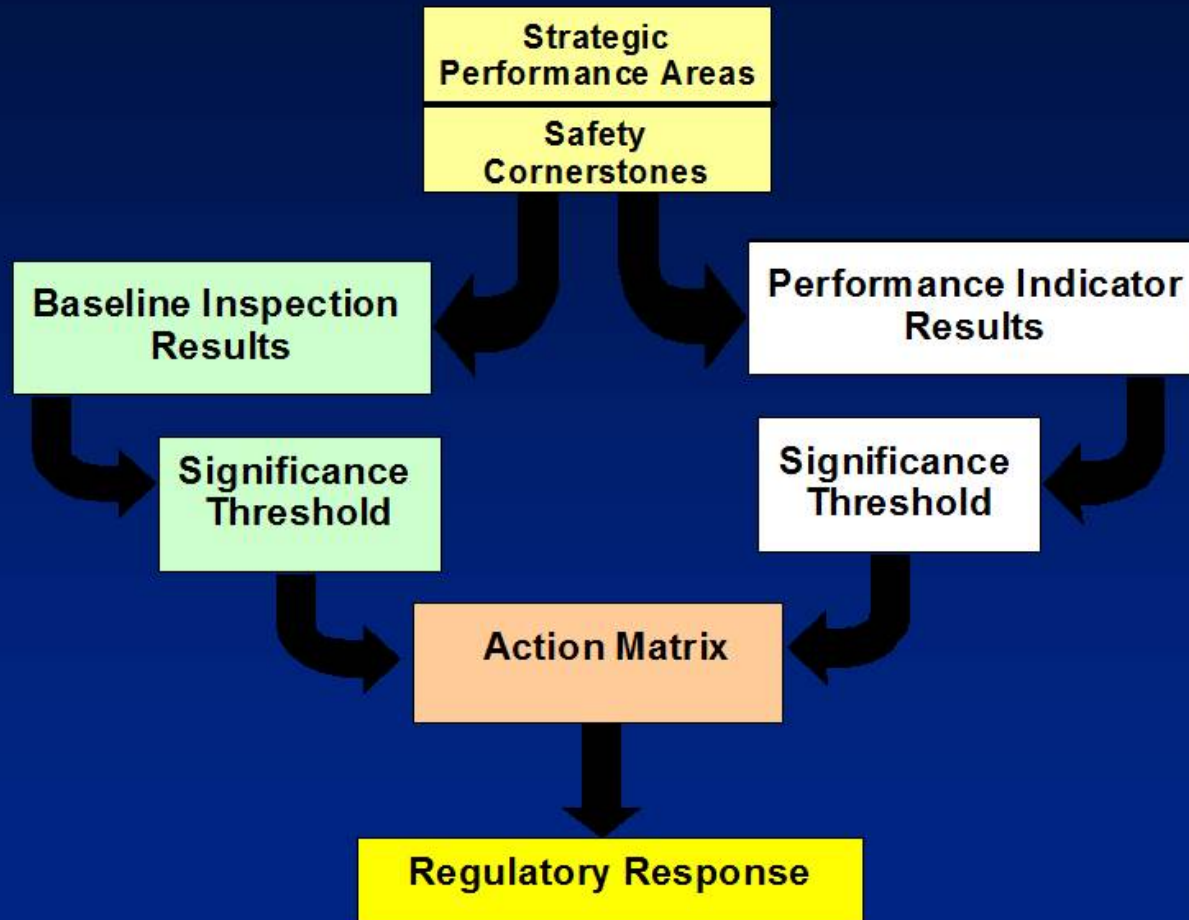
Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

Reactor Oversight Process





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

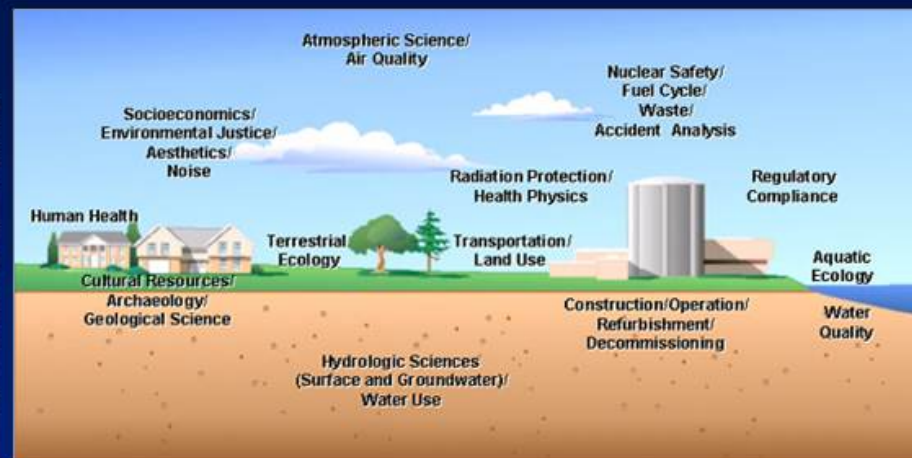


License Renewal

■ Safety Review of Aging Management



■ Review of Environmental Impacts



■ Opportunities for Public Participation





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

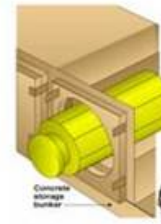
[illegible]

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

Diagram illustrating the structure of a Space Shuttle External Tank (ET). The diagram shows a cross-section of the tank, highlighting the internal components:

- Bundles of solid fuel assemblies:** The central core of the tank, shown in green.
- Carbide:** The outer layer of the tank, shown in yellow.
- Storage tank:** The main body of the tank, shown in orange.

2 The canisters can also be stored in above-ground concrete bunkers, each of which is about the size of a one-car garage. Eventually they may be transported elsewhere for storage.





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.



The following NRC brochures and hand-outs were made available at the Brunswick Annual Assessment Public Meeting on April 28, 2015.

- NUREG/BR-0010: Citizen's Guide to U.S. Nuclear Regulatory Commission Information
- NUREG/BR-0164: NRC – Independent Regulator of Nuclear Safety
- NUREG/BR-0215: Public Involvement in the Nuclear Regulatory Process
- NUREG/BR-0240: Reporting Safety Concerns to the NRC
- NUREG/BR-0292: Safety of Spent Fuel Transportation
- NUREG/BR-0314: Protecting Our Nation
- NUREG BR-0328: OIG Hotline
- NUREG/BR-0508: Reactor Oversight Process (small tri-fold)
- NUREG/BR-0522: Fire Protection Programs for Operating Reactors
- NUREG-1614, Vol. 6, Supp.1: Strategic Plan Fiscal Years 2014-2018 At-A-Glance
- NUREG-1649: Reactor Oversight Process (large hand-out)
- NUREG-1350, Volume 25: Information Digest

Fact Sheets:

- Dirty Bombs
- Chernobyl Accident
- Decommissioning
- License Renewal
- Seismic Issues for Nuclear Power Plants
- Safety and Security Improvements at Nuclear Plants
- Tritium and Drinking Water Standards
- Underground Pipes at Nuclear Reactors
- Biological Effects of Radiation

BACKGROUNDERS Sheets:

- Three Mile Island Accident
- Emergency Preparedness
- Fire Protection
- Power Upgrades
- Environmental Monitoring
- Analysis of Cancer Risks in Populations Near Nuclear Facilities – Phase 2 Pilot Study
- Radiation Protection and the “Tooth Fairy” Issue
- Cyber Security
- Force-on-Force Security Exercises
- Nuclear Security
- Emergency Preparedness
- Incident Response
- Chernobyl Nuclear Power Plant Accident
- Three Mile Island Accident

Miscellaneous:

- NRC Blog sheet & Blog business card
- What are the Lessons Learned from Fukushima
- NRC Seeks Fukushima-Related Information