



**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 H.B. ROBINSON STEAM ELECTRIC PLANT,  
DOCKET NO. 50-261

On April 29, 2015, the Nuclear Regulatory Commission (NRC) staff met with members of the public at the Hartsville Public Library. The purpose of the open house and poster board session was to provide opportunities to discuss the annual assessment of the H.B. Robinson 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. ML15092A416. Enclosed are a list of attendees and copies of the poster boards displayed at the meeting.

Docket No.: 50-261  
License No.: DPR-23

Enclosures:  
1. List of Attendees  
2. Poster Boards

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: ML15125A438

☐ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

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

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

**ROBINSON NUCLEAR PLANT  
ANNUAL ASSESSMENT MEETING  
HARTSVILLE, SC  
APRIL 29, 2015**

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## 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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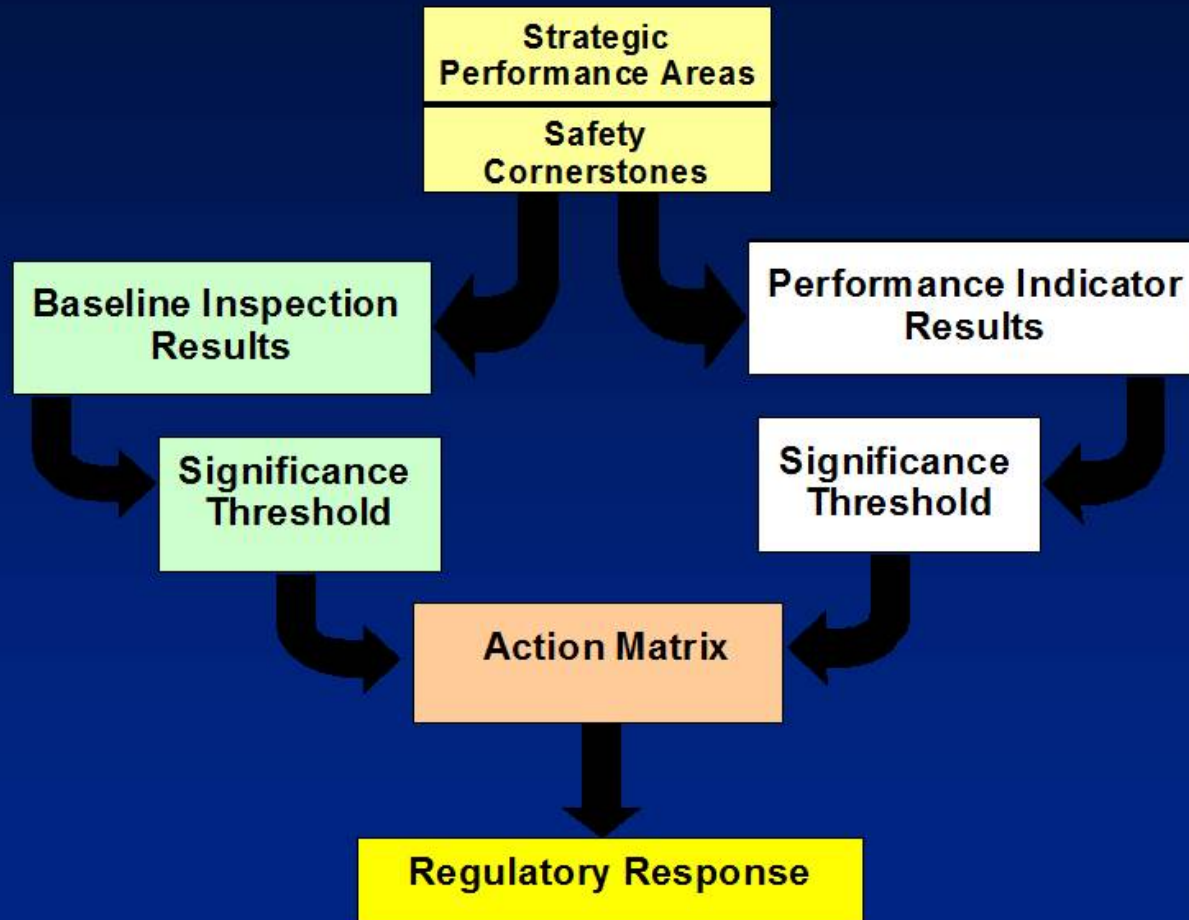
**Increasing Safety Significance**

**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

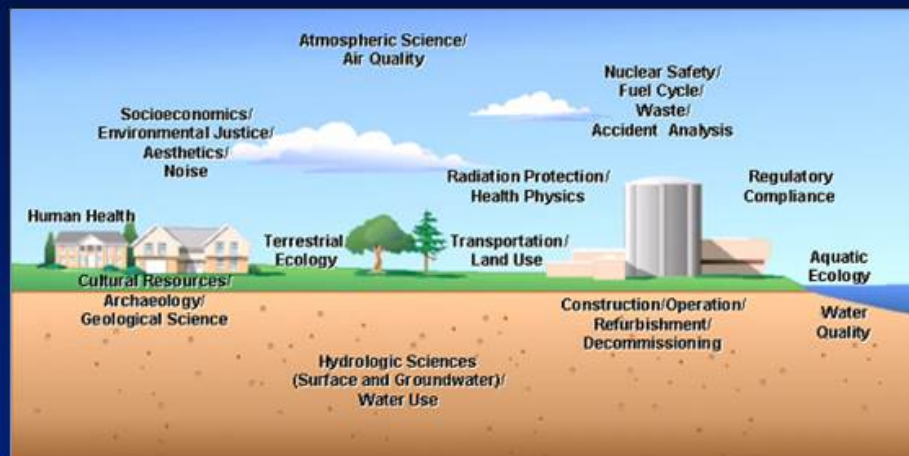


# License Renewal

## ■ 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

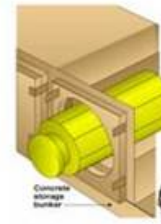
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At some nuclear reactors across the country, spent fuel is kept on site, above ground, in systems basically similar to the ones shown here.

Diagram illustrating the structure of a Space Shuttle External Tank (ET). The tank is shown in cross-section, revealing its internal components:

- Bundle of solid fuel assemblies:** The central core of the tank, composed of multiple solid rocket motor segments.
- Carbide:** A layer surrounding the fuel bundle, likely referring to the carbon-carbon nose cone or field joint area.
- Storage tank:** The outer shell of the tank, which stores the liquid propellants (liquid oxygen and liquid hydrogen).

**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.

