



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

April 25, 2014

MEMORANDUM TO: Frank Ehrhardt
Reactor Projects Branch 2
Division of Reactor Projects

FROM: Alejandro M. Alen */RA/*
Project Engineer
Reactor Projects Branch 2

SUBJECT: PUBLIC MEETING SUMMARY – EDWIN I. HATCH NUCLEAR
PLANT DOCKET NOS. 50-321 AND 50-366

On April 16, 2014, the Nuclear Regulatory Commission (NRC) staff met with members of the public concerning the annual assessment of Edwin I. Hatch Nuclear Plant, Units 1 and 2, in Vidalia, Georgia. The purpose of the meeting/open house session was to provide opportunities to discuss the annual assessment of Edwin I. Hatch Nuclear Plant, Units 1 and 2, with the public for the period of January 1, 2013 – December 31, 2013. Enclosed are a list of attendees, copies of the poster boards displayed at the meeting, and the meeting handout.

Docket Nos.: 50-321 and 50-366
License No.: DPR-57 and NPF-5

Enclosures: 1. List of Attendees
2. Poster Boards
3. Meeting Handout

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☒ PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE ☒ NON-SENSITIVE
ADAMS: ☒ Yes ACCESSION NUMBER: ☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

| | | | | | | | |
|--------------|------------|-------------|--------|--------|--------|--------|--------|
| OFFICE | RII:DRP | RII:DRP | | | | | |
| SIGNATURE | AXA /RA/ | Via email | | | | | |
| NAME | A. Alen | F. Ehrhardt | | | | | |
| DATE | 04/25/2014 | 04/25/2014 | | | | | |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRP\IRPB2\MID AND END OF CYCLE\2013\END OF CYCLE
2013\EOC PUBLIC MEETING INFO\PUBLIC SUMMARY SUMMARIES\MEMO\EOC 2013 HATCH PUBLIC MEETING
SUMMARY.DOCX

NRC Annual Assessment Summary Edwin I. Hatch Nuclear Plant



- Southern Nuclear operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- Edwin I. Hatch Nuclear Plant was in the Licensee Response Column of the NRC's ROP Action Matrix for the 4th quarter of last year

NRC Inspection Activities for Last Year Edwin I. Hatch Nuclear Plant



- Baseline Inspections conducted at Edwin I. Hatch Nuclear Plant last year included:
 - Inspections covering all 7 ROP Cornerstones
 - Event Follow-up inspections
 - Plant Status reviews
- Two on-site Resident Inspectors
 - Inspected in-plant evolutions
 - Provided first-hand, independent assessment of plant conditions and performance
- Region-based Inspectors
 - Conducted inspections in wide variety of engineering and scientific disciplines

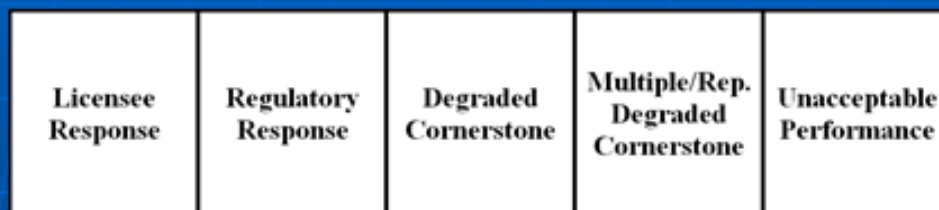
NRC Inspection Plans for This Year



Edwin I. Hatch Nuclear Plant

- NRC plans to conduct baseline inspections at Edwin I. Hatch Nuclear Plant for the remainder of this year
- Resident and Region-based Inspections
- Major Team Inspections can include:
 - Problem Identification and Resolution
 - Component Design Bases
 - Triennial Fire Protection
 - Emergency Preparedness Exercise

Action Matrix Concept



Increasing Safety Significance

Increasing NRC Inspection Efforts

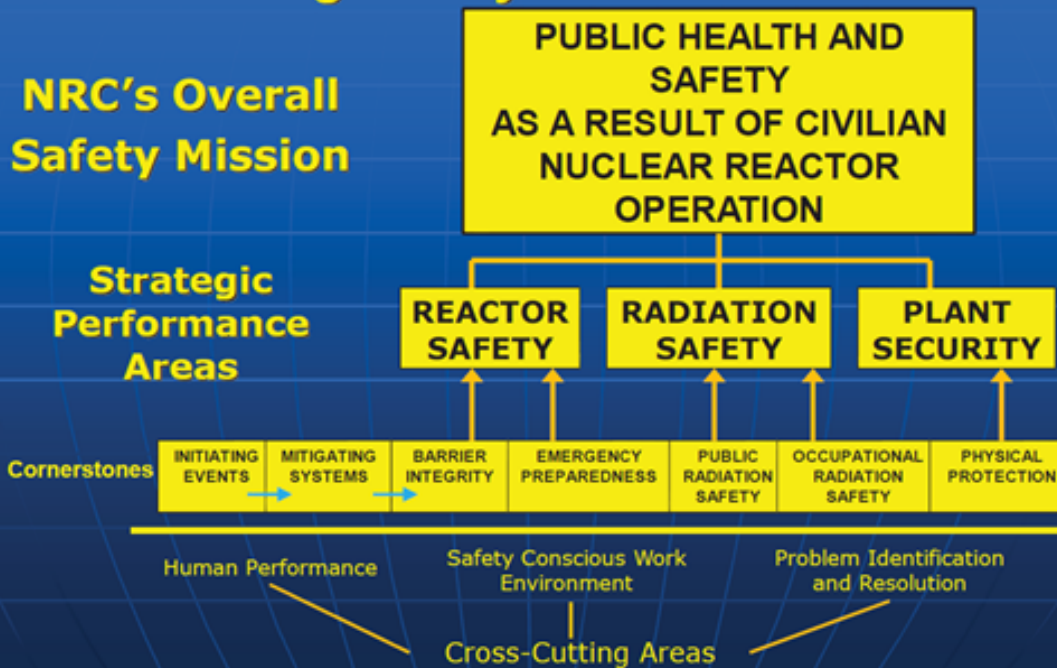
Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

Reactor Oversight Process



Reactor Oversight Process Regulatory Framework

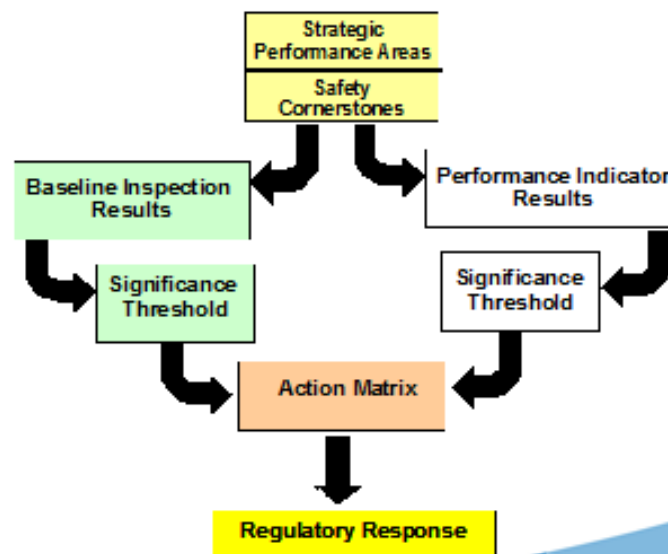


Edwin I. Hatch Nuclear Plant Annual Assessment Meeting

2013 Reactor Oversight Process
Nuclear Regulatory Commission – Region II



Reactor Oversight Process



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 Cornerstone | Multiple/Rep. Degraded Cornerstone | Unacceptable Performance |
|-------------------|---------------------|----------------------|------------------------------------|--------------------------|
|-------------------|---------------------|----------------------|------------------------------------|--------------------------|



- **Increasing**
 - Safety Significance
 - Inspection
 - Management Involvement
 - Regulatory Action

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 Edwin I. Hatch Nuclear Plant



- Southern Nuclear operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- Edwin I. Hatch Nuclear Plant was in the Licensee Response Column of the NRC's ROP Action Matrix for the last quarter of 2013.

NRC Inspection Activities

Edwin I. Hatch Nuclear Plant for 2013



- Two Resident Inspectors on Site
 - Implemented baseline inspection program
 - Inspected in-plant evolutions and activities
 - Compiled and submitted quarterly inspection reports
- Five Major Team Inspections
 - Emergency Preparedness Exercise
 - Cyber Security Inspection
 - License Renewal (Post-Approval Inspection)
 - Problem Identification and Resolution
 - Triennial Fire Protection Inspection

Edwin I. Hatch Nuclear Plant PIs and Findings

January 1 through December 31, 2013



- All Green Performance Indicators
- 10 Green inspection findings

NRC Plans for 2014



- NRC plans baseline inspections at Edwin I. Hatch Nuclear Plant for the remainder of 2014.

Actions in Response to the Japan Nuclear Accident



- Actions in response to Japan Nuclear Accident:
<http://www.nrc.gov/reactors/operating/ops-experience/japan-dashboard.html>
- Mailbox for comments on staff actions:
JLD_Public.Resource@nrc.gov
- Office of Public Affairs Point of Contact:
OPA.resource@nrc.gov or 301-415-8200

Fukushima Recommendations Status

Edwin I. Hatch Nuclear Plant



- Mitigating Strategies Order

- Requires strategies to cope with a long term loss of safety systems
- Interim Staff Evaluation of Licensee's Plan issued
- Will be audited and inspected

- Spent Fuel Pool Instrumentation Order

- Requires plants to be able to tell if water is at or above certain levels
- Interim Staff Evaluations were issued
- Will be audited and inspected

Fukushima Recommendations Status

Edwin I. Hatch Nuclear Plant



- Hardened Vents Order

- Requires that hardened vents be capable of operating under severe accident conditions
- Licensee Phase 1 Plan due in June 2014

New Safety Culture Cross-Cutting Aspects



- Safety Culture Common Language Initiative
- Definitions of cross-cutting aspects in Inspection Manual Chapter 0310 revised
- New definitions implemented in 2014

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>

End of Presentation

**Nuclear Regulatory Commission
Region II
Atlanta, GA**

April 16, 2014

