



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

May 21, 2015

MEMORANDUM TO: Michael F. King, Chief  
Reactor Projects Branch  
Division of Reactor Projects

FROM: Eric Michel **/RA/**  
Senior Project Engineer  
Reactor Projects Branch 6

SUBJECT: PUBLIC MEETING SUMMARY - 2015 ANNUAL ASSESSMENT PUBLIC  
MEETING REGARDING BROWNS FERRY NUCLEAR PLANT, UNITS 1,  
2 and 3, DOCKET NO. 50-259, 50-260, and 50-296

On May 15, 2015, the Nuclear Regulatory Commission (NRC) staff met with members of the public at the Calhoun Community College Aerospace Training Center. The purpose of this meeting was to discuss the annual assessment of the Browns Ferry Nuclear Plant Units 1, 2 and 3 with the public for the period of January 1, 2014, through December 31, 2014. The major topics addressed were the NRC's assessment program and the results of the assessment. The slides presented during the meeting are enclosed. The meeting notice and agenda are available in the Agencywide Documents Access and Management System at Accession No. ML15131A314.

Docket No.: 50-259, 50-260, and 50-296  
License No.: DPR-33, DPR-52, and DPR-68

Enclosures: 1. List of Attendees  
2. Meeting Slides

Contact: Eric Michel, RII/DRP  
404-997-4555

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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						
SIGNATURE	ECM2						
NAME	EMichel						
DATE	5/ /2015						
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY    DOCUMENT NAME: G:\DRPI\RPB6\BROWNS FERRY\MEETINGS\2015\BF EOC MEETING  
SUMMARY 2015 WITH EMBED.DOCX

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# Browns Ferry Nuclear Plant Annual Assessment

2014 Reactor Oversight Process  
Nuclear Regulatory Commission – Region 2



# Browns Ferry Nuclear Plant Annual Assessment

2014 Reactor Oversight Process  
Nuclear Regulatory Commission – Region 2



# Agenda



- Introduction
- Reactor Oversight Process
- 2014 Annual Assessment
  - Plant Performance Results and Inspections
- NRC Plans for 2015



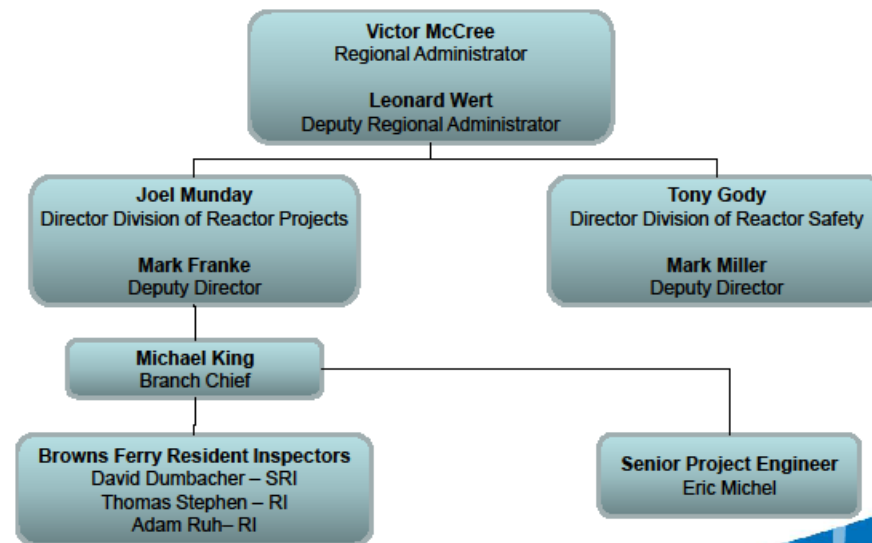
## Meeting's Purpose



- Discuss Browns Ferry Nuclear Plant performance in 2014



# Region II Organization





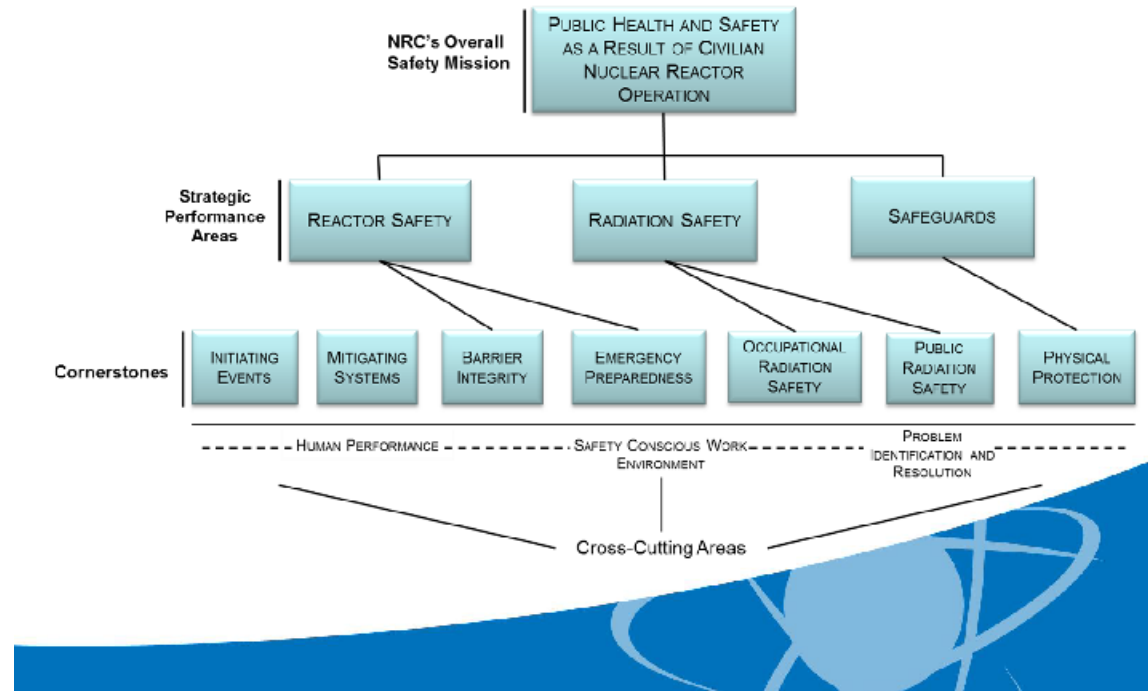
# NRC Strategic Plan Goals



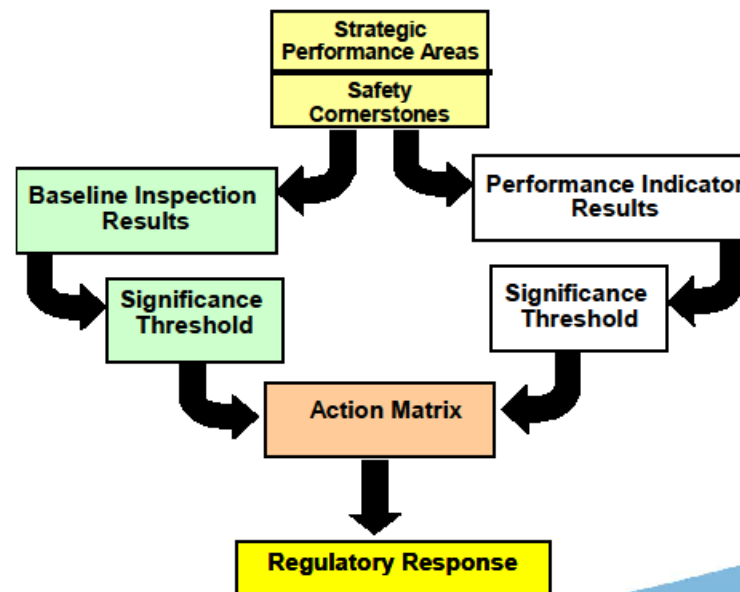
- Safety – Ensure adequate protection of public health and safety and the environment
- Security – Ensure adequate protection in the secure use and management of radioactive materials



# Regulatory Framework



# Reactor Oversight Process



# Action Matrix Columns



Licensee Response	Regulatory Response	Degraded	Multiple/Repetitive Degraded	Unacceptable Performance
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## Increasing

- Safety Significance
- Inspection
- Management Involvement
- Regulatory Action



# Significance Threshold



## Performance Indicators

- **Green** Baseline Inspection
- **White** Requires additional NRC oversight
- **Yellow** Requires more NRC oversight
- **Red** Requires most NRC oversight

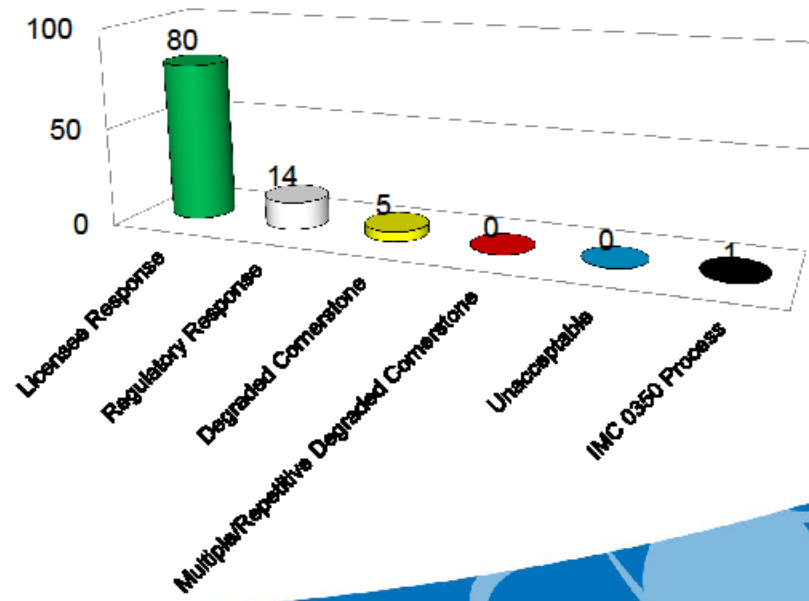
## Inspection Findings

- **Green** Very low safety issue
- **White** Low to moderate safety issue
- **Yellow** Substantial safety issue
- **Red** High safety issue

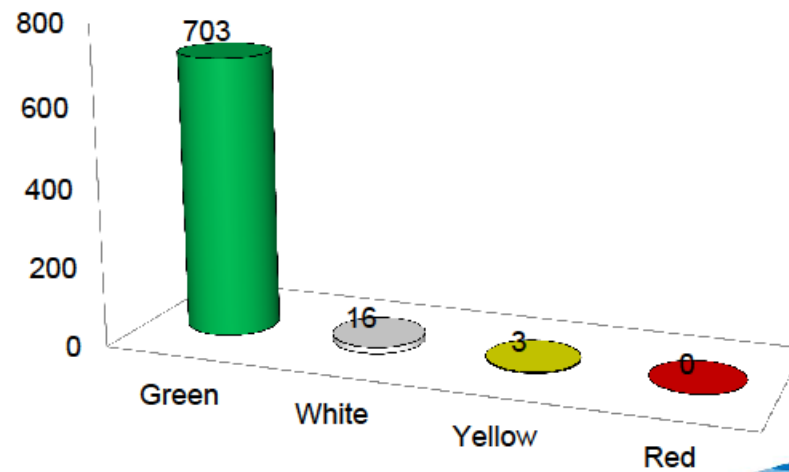


# Industry-Wide Performance

As of 12/31/2014

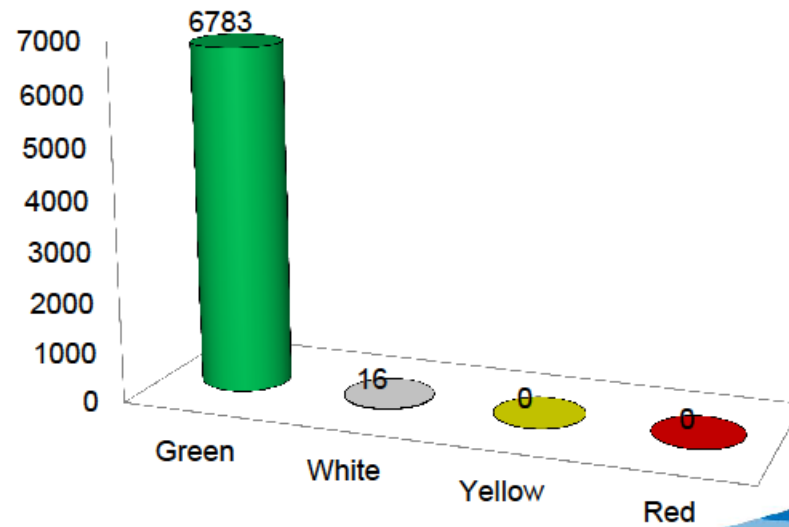


## Industry-Wide Inspection Findings



## Industry-Wide Performance Indicators

As of 12/31/2014





# NRC Annual Assessment Summary

## Browns Ferry Nuclear Plant



- Browns Ferry nuclear plant operated the plants safely and in a manner that preserved the public health and safety and protected the environment.
- Beginning the first quarter of 2014, Browns Ferry Unit 1 was in the Multiple/Repetitive Degraded Cornerstone Column, Browns Ferry Unit 2 was in the Degraded Cornerstone Column and Browns Ferry Unit 3 was in the Regulatory Response Column.



## NRC Annual Assessment Summary

### Browns Ferry Nuclear Plant (Continued)



- On April 2014, the NRC completed a 95002 inspection for Units 1 and 2, and based on the results of this inspection Browns Ferry Units 1 and 2 transitioned to the Regulatory Response Column beginning July 1, 2014.
- On September 2014, the NRC completed a 95001 inspection for all three units, and based on the results of this inspection Browns Ferry Units 1, 2, and 3 transitioned to the Licensee Response Column beginning October 1, 2014.



## Summary of Supplemental Inspections Completed in 2014



- In addition to baseline the NRC conducted:
  - IP 95002 Supplemental Inspection (Units 1/2) – April 11, 2014  
**WHITE** Finding for SSIs and **WHITE** PI for Emergency AC Power
  - IP 95001 Supplemental Inspection (Unit 3) – January 24, 2014  
**WHITE** Performance Indicator for Unplanned Scrams
  - IP 95001 Supplemental Inspection (Units 1/2/3) – September 5, 2014  
**WHITE** Finding for Inadequate Emergency Preparedness Staffing



# Baseline Inspection Activities

January through December 2014



- 4500 hours of direct inspection activities
- Three (3) Resident Inspectors on Site
  - Provide daily plant inspection
- 13 Regional baseline inspections
- 3 Major team inspections
  - Post-Approval Site Inspection for License Renewal (Phase 3)
  - Problem Identification and Resolution Inspection
  - Triennial Fire Protection Inspection



## **Browns Ferry PIs and Findings**



January 1 through December 31, 2014

- All Green Performance Indicators
- 9 Green inspection findings



## NRC Plans for 2015



- NRC plans baseline inspections at Browns Ferry for the remainder of 2015
- Inspection of long term corrective actions (Tier 2 Actions).



# Open to the Public



- NRC places a high priority on keeping the public and stakeholders informed of its activities.
- At [www.nrc.gov](http://www.nrc.gov), you can:
  - Find public meeting dates and transcripts;
  - Read NRC testimony, speeches, press releases, and policy decisions; and
  - Access the agency's Electronic Reading Room to find NRC publications and documents.



## Contacting the NRC



- Report an emergency
  - (301) 816-5100 (call collect)
- Report a safety concern
  - (800) 695-7403
  - Allegation@nrc.gov
- General information or questions
  - [www.nrc.gov](http://www.nrc.gov)
- Contact Browns Ferry Resident Inspectors @ 256-729-6196



## **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](mailto:JLD_Public.Resource@nrc.gov)
- Office of Public Affairs Point of Contact: [OPA.resource@nrc.gov](mailto:OPA.resource@nrc.gov) or 301-415-8200



# 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 2  
Tanner, AL

May 14, 2015

