



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

May 15, 2014

MEMORANDUM TO: Gerald McCoy  
Reactor Projects Branch 1  
Division of Reactor Projects

FROM: Adam Ruh */RA/*  
Project Engineer  
Reactor Projects Branch 1

SUBJECT: PUBLIC MEETING SUMMARY – MCGUIRE NUCLEAR  
STATION DOCKET NOS. 50-369 AND 50-370

On May 8, 2014, the Nuclear Regulatory Commission (NRC) staff met with members of the public concerning the annual assessment of McGuire Nuclear Station, Units 1 and 2. The purpose of the meeting/open house session was to provide opportunities to discuss the annual assessment of McGuire with the public for the period of January 1, 2013 – December 31, 2013. Enclosed are a list of attendees and the meeting handout.

Docket Nos.: 50-369 and 50-370  
License No.: NPF-9, NPF-17

Enclosures:  
1. List of Attendees  
2. Meeting Handout

Contact: Adam Ruh, RII/DRP  
404-997-4557

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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	AMR /RA/	GJM /RA/					
NAME	ARuh	GMcCoy					
DATE	05/15/2014	05/15/2014					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY  
2013.DOCX

DOCUMENT NAME: G:\DRPI\RPB1\EOC 2013\MCGUIRE MEETING SUMMARY MEMO EOC



MCGUIRE NUCLEAR STATION ANNUAL ASSESSMENT

MEETING - May 8, 2014

Name

Contact Information - Address / Email

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# McGuire Nuclear Station Annual Assessment Meeting

2013 Reactor Oversight Process  
Nuclear Regulatory Commission – Region 2



# 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 McGuire

- Duke Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- McGuire was in the Licensee Response Column of the NRCs ROP Action Matrix for the last quarter of 2013.



# NRC Inspection Activities

## McGuire for 2013



- 6438 hours of inspection and related activities
- 2 resident inspectors on site – residents make four quarterly inspections per year and walk through the plant every day
- 14 regional inspections
- 1 major team inspection
  - Triennial Fire Protection Inspection





# McGuire Pls and Findings

January 1 through December 31, 2013

- All Green Performance Indicators
- 3 Green inspection findings





# NRC Inspection Findings

## McGuire



- Failure to implement adequate venting instructions for condensate booster pump instrumentation resulting in a reactor trip
- Implementation of modifications that resulted in nonfunctional fire doors



# NRC Inspection Findings

## McGuire



- Failure to adequately revise calibration setpoints for Anticipated Transient Without Scram Mitigation System Actuation Circuitry (AMSAC), following a turbine replacement modification, resulting in a turbine trip



# 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

# NRC Plans for 2014

## McGuire



- NRC plans baseline inspections at McGuire for the remainder of 2014. This includes:
  - Problem Identification and Resolution Inspection
  - Fukushima Flood Inspection of NTTF Recommendation 2.1



# Fukushima Recommendations

## McGuire



### ● 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

McGuire



## ● Flooding and Seismic Walkdowns:

- Verify that the site can meet its current requirements for hazard protection
- Walkdowns are complete; evaluations to be issued by the end of the summer

## ● Flooding and Seismic Hazard

### Reevaluations:

- Reevaluate Hazards using present-Day information
- Flooding was submitted March 12, 2014
- Seismic was submitted March 20, 2014
- Staff assessments will be issued by June 2014





# Actions in Response to the Japan Nuclear Accident



- Actions in response to Japan Nuclear Accident: <http://www.nrc.gov/reactors/opera ting/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



# End of Presentation

Nuclear Regulatory Commission  
Region 2  
Huntersville, NC

May 8, 2014

