



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

July 2, 2012

Mr. Jon A. Franke  
Vice President, Crystal River Nuclear Plant  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, FL 34428-6708

SUBJECT: PUBLIC MEETING SUMMARY – CATEGORY 3- ANNUAL ASSESSMENT  
MEETING – CRYSTAL RIVER UNIT 3 NUCLEAR PLANT, DOCKET NO. 50-302

Dear Mr. Franke:

This refers to the meeting conducted on June 21, 2012, at the Crystal River Nuclear Plant Training Center/EOF located in Crystal River, Florida. The purpose of the meeting was to discuss the NRC Reactor Oversight Process Annual Assessment of your Crystal River Unit 3 Nuclear Plant. Enclosed is a list of attendees and the Crystal River annual assessment meeting presentation.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this meeting, please contact me at (404) 997- 4721.

Sincerely,

**/RA/**

Daniel W. Rich, Chief  
Reactor Projects Branch 3  
Division of Reactor Projects

Docket No.: 50-302  
License No.: DPR-72

Enclosures:

1. List of Attendees
2. Crystal River Annual Assessment Meeting Presentation

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X PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

x NON-SENSITIVE

ADAMS: X Yes ACCESSION NUMBER: \_\_\_\_\_

X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	SDR /RA/	DWR /RA/					
NAME	SRose	DRich					
DATE	07/02/2012	07/02/2012					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY  
MEETING SUMMARY.DOCX

DOCUMENT NAME: G:\DRPI\RPB3\CRYSTAL\MEETINGS\CR 2011 ANNUAL ASSESSMENT

cc w/encl:  
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J. Franke

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Letter to Jon A. Franke from Daniel W. Rich dated July 2, 2012

SUBJECT: PUBLIC MEETING SUMMARY – CATEGORY 3- ANNUAL ASSESSMENT  
MEETING – CRYSTAL RIVER UNIT 3 NUCLEAR PLANT, DOCKET NO. 50-302

Distribution w/encl:

C. Evans, RII

L. Douglas, RII

OE Mail

RIDSNNRRDIRS

PUBLIC

RidsNrrPMCrystalRiver Resource

**Public Meeting - Crystal River 3 Nuclear Plant  
Annual Assessment of Safety Performance**

**June 21, 2011**

**Attendees Sheet**

Name	Organization
TOM MORISSET	NRC
Pam Anderson	CR3
Tim Lejedal	PEF
Gail Simpson	PEF
Neil Sheehan	NRC
STEVEN ROSE	NRC
Steven Wolfe	SEMINOLE ELECTRIC Coop.
Roger Sannaville	Public
Melanie Motuska	FDEN
LARRY REMONCHE	Public
BRUCE HERTZ	Public
DOUG JOHNSON	FOX 13 WTVT
Steve Cahill	PEF
Richard Spraker	Pub.
Ronald M Bright	Fla Muni Power Agency
Roberta Bright	Public
Susan Jewellmeyer	Reebie
MAX RUSBY	PLN-CR3
Terry Hobbs	PEF/CR3
Phyllis DIXON	PEF/CR3
Sarah McDaniel	PEF/CR3
Berry Foster	PEF/CR3
Don Tylor	PEF/CR3





# Crystal River Unit 3 Annual Assessment Meeting

2011 Reactor Oversight Process  
Nuclear Regulatory Commission – Region 2  
June 21, 2012





## 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





# 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	Multiple/Repetitive Degraded	Unacceptable Performance
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### Increasing

- Safety Significance
- Inspection
- Management Involvement
- Regulatory Action



## NRC Annual Assessment Summary

### Crystal River Unit 3 (CR3)



- Progress Energy operated the plant safely and in a manner that preserved the public health and safety and protected the environment.
- In the last two quarters of 2011, Crystal River was in the Regulatory Response Column of the NRCs ROP Action Matrix for a White Finding in the Emergency Preparedness Cornerstone (discussed in upcoming slides).





## CR3 NRC Inspection Activities for 2011

- Two resident inspectors assigned to the site conducted inspections that were documented in quarterly inspection reports.
- Six regional inspections
  - Radiation Protection
  - Licensed Operator Requalification
  - Emergency Preparedness
  - Triennial Fire protection
  - Triennial Heat Sink
  - Security



## CR3 NRC Inspection Activities for 2011

### Fukushima Related Inspections:

- Inspection to verify Licensee readiness to an event similar to the Fukushima Daiichi Event
- Availability and Readiness Inspection of Severe Accident Management Guidelines





## Crystal River Performance Indicators and Findings - 2011

- Performance Indicators were either Green or invalid
- Four inspection findings of very low safety significance (Green)
- One inspection finding of low to moderate safety significance (White)





## White Inspection Finding

### Crystal River Unit 3

- In June 2011, the licensee identified the emergency plan emergency action level (EAL) 1.4 (General Emergency- Gaseous Effluents) contained instrument threshold values that were beyond the specified radiation monitors capability to accurately indicate.







# White Inspection Finding

## Crystal River Unit 3

- In May 2012, the NRC completed a supplemental inspection which determined that the licensee performed a comprehensive evaluation of the (White) finding and corrective actions taken were satisfactory.
- The licensee will transition back to the Licensee Response Column starting in the 3<sup>rd</sup> quarter of 2012.



## Crystal River NRC Inspection Activities for 2012 include

- Problem Identification and Resolution  
(completed January)
- Supplemental Inspection (White Finding)  
(completed May)
- Modifications Inspection
- Emergency Preparedness Inspection
- Security Inspections





## Crystal River NRC Inspection Activities for 2012 (cont'd)

- Public Radiation Protection Inspection
- Inspection associated with Degradation of Underground Piping and Tanks

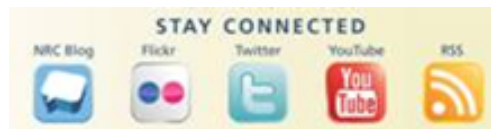


## Actions in Response to the Japan Nuclear Accident



- Actions in response to Japan Nuclear Accident: <http://www.nrc.gov/japan/japan-info.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>



# Progress Energy Response and Remarks



# End of Presentation

## Nuclear Regulatory Commission

### Region 2

June 21, 2012

