



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BLVD
ARLINGTON, TEXAS 76011-4511

September 16, 2012

Donna Jacobs, Vice President, Operations
Entergy Operations, Inc.
Waterford Steam Electric Station, Unit 3
17265 River Road
Killona, LA 70057-0751

SUBJECT: SUMMARY OF PUBLIC MEETING FOR WATERFORD STEAM ELECTRIC
STATION UNIT-3

Dear Ms. Jacobs:

On August 22, 2012, representatives of the NRC met with Waterford Steam Electric Station, Unit 3 personnel at the Hyatt Regency hotel in New Orleans, LA to present the results of the 2011 End of Cycle review to the public. The purpose of the open house was for members of the community to meet individually with NRC staff members to discuss the performance of the Waterford Steam Electric Station, Unit 3, for the period of July 1, 2011 through June 30, 2012. The list of attendees is included as Enclosure 1 and the meeting slides are included as Enclosure 2.

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's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the Public Electronic Reading Room page of the NRC's public web site at <http://www.nrc.gov/reading-room/adams.html>.

Sincerely,

/RA/

Donald B. Allen, Chief
Project Branch E
Division of Reactor Projects

Docket: 50-382
License: NPF-38

Enclosures:

1. Attendance List
2. Meeting Slides

Electronic distribution by RIV:

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SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	DBA
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	DBA
SPE:DRP/E	C:DRP/PBE				
RAzua	DAllen				
09/14/2012	09/16/2012				

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T=Telephone

E=E-mail

F=Fax

NRC PUBLIC MEETING ATTENDANCE	
LICENSEE/FACILITY	Entergy Operations, Inc. Waterford Steam Electric Station, Unit 3
DATE/TIME	August 22, 2012 6:30 p.m.- 8:30 p.m.
LOCATION	Hyatt Regency New Orleans 601 Loyola Avenue New Orleans, Louisiana 70113
NAME (PLEASE PRINT)	ORGANIZATION
1 CURTIS DUFRENE	CITIZEN
2 BRYAN PELLEGRIN	WATERFORD 3
3 Carl Rhode	W3
4 Keith Nichols	W3
5 Ji Young Wiley	LDEQ
6 Brian Lanca	W3
7 Ron Rowley	BCP Engineers
8 Joe Williams	Entergy Licensing
9 GREG LORMAND	BCP ENGINEERS
10 Peter Ricca	LDEQ
11 Brian Lindsey	W3

NRC PUBLIC MEETING ATTENDANCE


LICENSEE/FACILITY	Entergy Operations, Inc. Waterford Steam Electric Station, Unit 3
DATE/TIME	August 22, 2012 6:30 p.m.- 8:30 p.m.
LOCATION	Hyatt Regency New Orleans 601 Loyola Avenue New Orleans, Louisiana 70113
NAME (PLEASE PRINT)	ORGANIZATION
12 DONNA JACOBS	ENTERGY



**Waterford Steam Electric Station
Unit 3
Annual Performance Meeting**

Nuclear Regulatory Commission - Region IV
August 22, 2012


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Purpose of Today's Meeting

- A public forum to meet local residents and interested parties
- Discuss the licensee's performance from January 1, 2011 through December 31, 2011
- NRC will answer questions regarding the performance issues identified in assessment letters and other related topics

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Region IV Organization

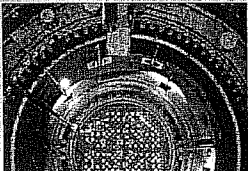
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    graph TD
      EEC[Elmo E. Collins  
Regional Administrator] --- ART[Arthur (Art) T. Howell III  
Deputy Regional Administrator]
      EEC --- KR[Krisa Kennedy  
Director  
Division of Reactor Projects]
      EEC --- TB[Thomas Blount  
Acting Director  
Division of Reactor Safety]
      KR --- AH[Allen Howe  
Acting Deputy Director]
      TB --- PL[Patrick Loudon  
Acting Deputy Director]
      AH --- DA[Don Allen  
Branch Chief]
      PL --- RS[Regional Specialists]
      DA --- MD[Marlene Davis  
Dean Overland  
Resident Inspectors]
      DA --- RA[Ray Azua  
Jim Melfi  
Dan Bradley  
Project Engineers]
  
```

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Our Mission






- To license and regulate the nation's civilian use of byproduct, source, and special nuclear materials in order to ensure the adequate protection of public health and safety, promote the common defense and security, and to protect the environment.

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Some Nuclear Facts

- 104 nuclear power plants supply about 20 percent of the electricity in the U.S.
- Nuclear materials are used in medicine for diagnosis and cancer treatment.
- Nuclear materials are widely used in industry, such as in density gauges, flow measurement devices, radiography devices, and irradiators.

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The NRC Regulates

- **Nuclear reactors** - commercial power reactors, research and test reactors, new reactor designs
- **Nuclear materials** - nuclear reactor fuel, radioactive materials for medical, industrial, and academic use
- **Nuclear waste** - transportation, storage and disposal of nuclear material and waste, decommissioning of nuclear facilities
- **Nuclear security** - physical security of nuclear facilities and materials from sabotage or attacks

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What We Don't Do

- Regulate nuclear weapons, military reactors, or space vehicle reactors
- Own or operate nuclear power plants
- Regulate some sources of radiation, such as X-rays and naturally occurring radon

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How We Regulate

- Establish rules and regulations
- Issue licenses
- Provide oversight through inspection, enforcement, and evaluation of operational experience
- Conduct research to provide support for regulatory decisions
- Respond to events and emergencies

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Assurance of Plant Safety

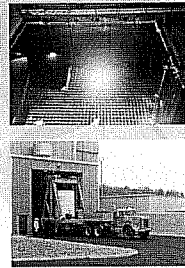
- Require "defense-in-depth"
- Require long-term maintenance of equipment
- Require continual training of operators
- Verify compliance with regulations

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What We Do – Nuclear Waste



The NRC regulates:

- Storage of spent reactor fuel in fuel pools or dry storage casks
- Any proposed national spent fuel storage site

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What We Do – Nuclear Security



- NRC Requires:
 - Well-armed and well-trained security forces
 - Surveillance and perimeter patrols
 - State-of-the-art site access equipment and controls
 - Physical barriers and detection zones
 - Intrusion detection systems and alarm stations

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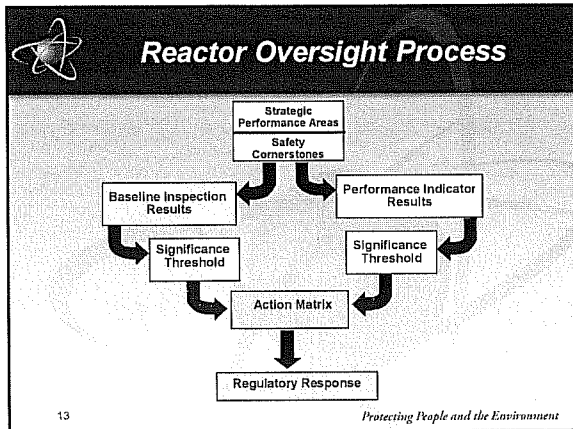


NRC Performance Goals

- **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.

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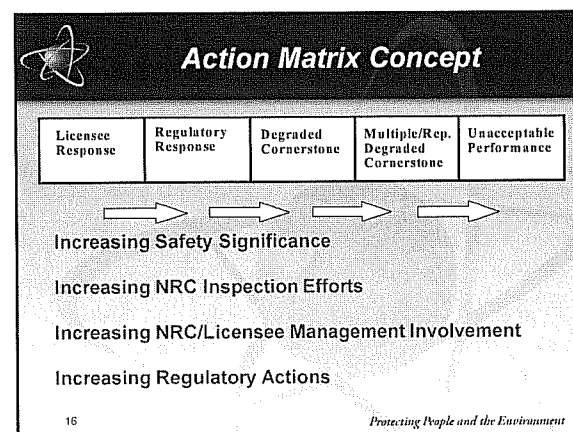
- ### Examples of Baseline Inspections
- Equipment Alignment ~80 hrs/yr
 - Triennial Fire Protection ~250 hrs/ 3 yrs
 - Operator Response ~125 hrs/yr
 - Emergency Preparedness ~80 hrs/yr
 - Radiation Release Controls ~110 hrs/ 2 yrs
 - Worker Radiation Protection ~95 hrs/yr
 - Corrective Action Program ~250 hrs/ 2 yrs
 - Corrective Action Case Reviews ~60 hrs/yr
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Significance Threshold

Performance Indicators
 Green: Only Baseline Inspection
 White: Increases NRC oversight
 : Increases NRC oversight
 Red: Increases NRC oversight

Inspection Findings
 Green: Very low safety issue
 White: Low to moderate safety issue
 : Substantial safety issue
 Red: High safety issue

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National Summary of Plant Performance

Status as of 08/09/2012

Licensee Response	72
Regulatory Response	24
Degraded Cornerstone	6
Multiple/Repetitive Deg. Cornerstone	1
Unacceptable	0
0350 Process (non-ROP)	1
Total	104

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- ### Waterford Steam Electric Station Annual Assessment Summary
- January 1, 2011 through December 31, 2011
- One White finding in the Occupational Radiation Safety Cornerstone
 - Three Severity Level IV non-cited violations
 - All other findings were Green
 - All Performance Indicators were Green
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Waterford Steam Electric Station Annual Assessment Summary

January 1, 2011 through December 31, 2011

- No Substantive cross-cutting issues were identified

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Waterford Steam Electric Station Annual Assessment Summary

January 1, 2011 through December 31, 2011

- NRC plans baseline inspections, plus:
 - IP 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area" Completed May 2011
 - IP 92723, "Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period"
 - TI 2515/185, "Follow-up on the Industry's Ground Water Protection Initiative" Completed March 2012

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Waterford Steam Electric Station Inspection Activities

January 1, 2011 through December 31, 2011

- NRC Baseline Inspections
 - DRP
 - DRS
- Total NRC Inspection Hours ~ 3564
- Non-Cited Violations or Findings 28
- Greater than Green Findings 1

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Waterford Steam Electric Station Annual Assessment Summary

January 1, 2011 through December 31, 2011

- Entergy Operations, Inc. operated the Waterford Steam Electric Station, Unit 3, in a manner that preserved public health and safety

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Waterford Steam Electric Station Annual Assessment Summary

January 1, 2011 through December 31, 2011

- Performance at Waterford Steam Electric Station, Unit 3, was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix

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Waterford Steam Electric Station Annual Assessment Summary

January 1, 2011 through December 31, 2011

- Per the Assessment follow-up letter of August 1, 2012, the NRC determined the performance at Waterford Steam Electric Station, Unit 3, to be in the Licensee Response Column of the ROP Action Matrix as of July 1, 2012

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Open to the Public

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

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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
 - Select "About the NRC" for Public Affairs

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NRC Representatives

- | | |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
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(985) 783-6253 |
| <ul style="list-style-type: none"> • Don Allen
DRP Branch Chief
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| <ul style="list-style-type: none"> • Dan Bradley
Project Engineer
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Switchboard
(817) 860-8100 |

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Reference Sources

- Reactor Oversight Process
 - <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>
- Public Electronic Reading Room
 - <http://www.nrc.gov/reading-rm.html>
- Public Document Room
 - 1-800-397-4209 (Toll Free)

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