



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

April 1, 2005

Joseph E. Venable
Vice President Operations
Waterford 3
Entergy Operations, Inc.
17625 River Road
Killona, Louisiana 70066-7051

SUBJECT: MEETING SUMMARY FOR END-OF-CYCLE PERFORMANCE ASSESSMENT
FOR WATERFORD STEAM ELECTRIC STATION, UNIT 3

Dear Mr. Venable

This refers to the Category 1 public meeting conducted at the St. Charles Parish Courthouse in Hahnville, Louisiana, on March 30, 2005. The meeting attendance list and a copy of the slides presented during the meeting are enclosed.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response will be made 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 matter, we will be pleased to discuss them with you.

Sincerely,

A handwritten signature in black ink, appearing to read "William B. Jones".

William B. Jones, Chief
Project Branch E
Division of Reactor Projects

Docket: 50-382
License: NPF-38

Enclosures:

1. Attendance List
2. NRC Presentation Slides

Entergy Operations, Inc.

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cc w/enclosures:

Federal Emergency Management Agency
ATTN: Ron Castleman, Regional Director
Region VI, Federal Center
800 North Loop 288
Denton, TX 76201-3698

Col. Michael L. Brown, Deputy Director
Louisiana Office of Homeland Security and
Emergency Preparedness
7667 Independence Blvd.
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Albert D. Laque, Parish President
St. Charles Parish
P.O. Box 302
Hahnville, LA 70057

Sheriff Greg Champagne
St. Charles Parish
P.O. Box 426
Hahnville, LA 70057

Rep. Gary L. Smith, Jr.
State of Louisiana, District 56
P.O. Box 189
Norco, LA 70079

Senator Joel T. Chaisson, II
State of Louisiana, District 19
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Councilwoman, District 5
St. Charles Parish
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St. Rose, LA 70087

Richard "Dickie" Duhe
Councilman, District 6
St. Charles Parish
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Norco, LA 70079

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Councilman, District 7
St. Charles Parish
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Luling, LA 70070

Nickie Monica, President
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Entergy Operations, Inc.

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Paul Oncale
Public Safety Director
St. John the Baptist Parish
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LaPlace, LA 70068

Sheriff Wayne Jones
St. John the Baptist Parish
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Wise, Carter, Child & Caraway
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Manager - Licensing Manager
Waterford 3 SES
Entergy Operations, Inc.
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Chairman
Louisiana Public Service Commission
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Entergy Operations, Inc.

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Director, Nuclear Safety &
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Parish President
St. Charles Parish
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Winston & Strawn
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Washington, DC 20005-3502

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operation, Inc. Waterford 3		
DATE/TIME	March 30, 2005 6:30 p.m.		
LOCATION	St Charles Parish Courthouse Council Chambers		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
William D Jones	NRC - RIU		
Dwight D Chamberlain	NRC - RIU		
Grant Larkin	NRC - Waterford 3		
Joe Venable	WF-3 site VP		
Robert Monillo	WF 3 licensing Mgr		
ROBERT PETERS	W3 AS/O mgr		
ALAN HARRIS	W3 NSA DIR		
Tim Mitchell	W3 Eng		
Richard J. McFadden	W3 ops		
Karen Walsh	W3		
Diane Park	Entergy		
John Burke	Entergy		
John Husatzke	ENT-REG		

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operation, Inc. Waterford 3		
DATE/TIME	March 30, 2005 6:30 p.m.		
LOCATION	St Charles Parish Courthouse Council Chambers		
NAME (PLEASE PRINT)	Organization	Phone	E-mail
Gleyn M Pincir	W3 Entergy		
BLAKE PILUTTI	W3 RADIATION PRO		
Doug Rhodes	Entergy Customer Service		
Scott Anders	Entergy WF 3		
Nan Calhoun	Louisiana DEQ		
PAUL J. ONCALE	ST. JOHN OEP		
D Bryan Miller	Entergy		
AL LARKIN	STUDENT		
Tab Troxler	St Charles EOC Director		
Ronald Wascom	LA DEQ		
Ron PERRY	W3 / ENTERGY		

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operation, Inc. (EOI) Waterford 3
DATE/TIME	April 1, 2003 6:30 p.m.
LOCATION	St Charles Parish Courthouse Council Chambers
NAME (PLEASE PRINT)	ORGANIZATION
KEVIN WALSH	Waterford 3 Plant Manager
Joe Venable	Waterford 3 Site VP
Rick Madjerich	Waterford 3 Operations Manager
Ray Azua	NRC / (Acting SRI Waterford 3)
Nickie Monica	St John Parish President
Jack Lan 3	Waterford 3 Engineers Planning Group

Waterford-3
Annual Assessment Meeting

Reactor Oversight Program - CY 2004



Nuclear Regulatory Commission - Region IV
Hahnville, LA
March 30, 2005

Purpose of Today's Meeting

- A public forum for discussion of the licensee's performance
- NRC will address the licensee performance issues identified in the annual assessment letter



Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- Question and Answer Period

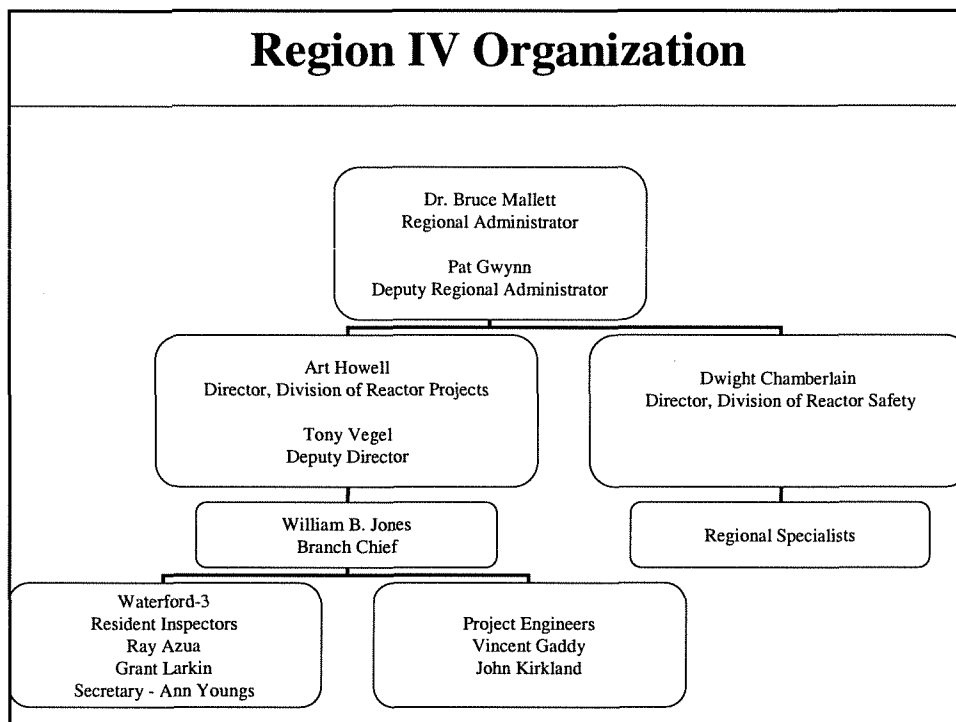


NRC Representatives

- Dwight Chamberlain Director, Division of Reactor Safety
- William B. Jones Branch Chief
- Ray Azua Senior Resident Inspector
- Grant Larkin Resident Inspector



Region IV Organization

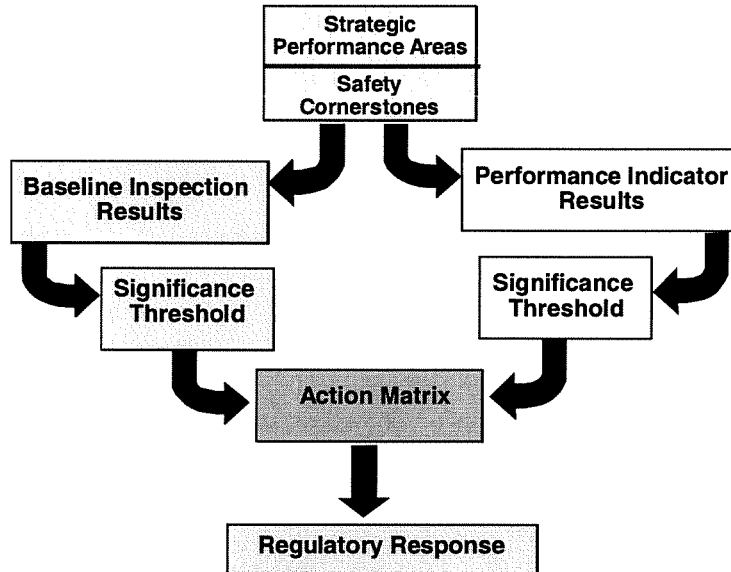


NRC Performance Goals

- **Safety:** Ensure protection of the public health and safety and the environment
- **Security:** Ensure the secure use and management of radioactive materials
- **Openness:** Ensure openness in our regulatory process
- **Effectiveness:** Ensure that NRC actions are effective, efficient, realistic, and timely
- **Management:** Ensure excellence in agency management to carry out the NRC' strategic objective



Reactor Oversight Process



Examples of Baseline Inspections

- Equipment Alignment ~92 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~100 hrs every 2 yrs
- Worker Radiation Protection ~100 hrs/yr
- Corrective Action Program ~200 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr



Significance Threshold

Performance Indicators

- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

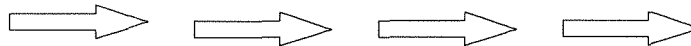
Inspection Findings

- Green:** Very Low safety issue
- White:** Low to Moderate safety issue
- Yellow:** Substantial safety issue
- Red:** High safety issue



Action Matrix Concept

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance
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Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions



National Summary of Plant Performance

Status at End of CY 2004

Licensee Response	78
Regulatory Response	21
Degraded Cornerstone	0
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
Total	102*

*Davis-Besse is in IMC 0350 process



National Summary

• **Performance Indicator Results (at end of CY 2004)**

▶ Green	1834
▶ White	6
▶ Yellow	0
▶ Red	0

• **Total Inspection Findings (CY 2004)**

▶ Green	778
▶ White	11
▶ Yellow	0
▶ Red	0



Cross Cutting Areas

- Human Performance
- Problem Identification and Resolution
- Safety Conscious Work Environment



Cross Cutting Criteria

- Multiple Green or Safety Significant Inspection Findings with Cross Cutting Aspects
- Causal Factors have a Common Theme
- Concern with Licensee's Scope of Effort or Progress



Waterford-3 Inspection Activities

(Jan 1 - Dec 31, 2004)

- **Total Regional Inspection Effort**
 - Division of Reactor Projects 2849 hours
 - Division of Reactor Safety 949 hours



Waterford-3 Inspection Activities

(Jan 1 - Dec 31, 2004)

- **Major Team Inspections: Problem Identification and Resolution, May 2004**
- **Supplemental Inspection: Emergency Diesel Generator Fuel Line Failure, September 2004**



Waterford-3 Assessment Results

(Jan 1 - Dec 31, 2004)

- The plant operated within the Regulatory Response Column of the NRC's Action Matrix due to one "White" finding associated with Emergency Diesel Generator maintenance.
- A "Supplemental Inspection" was performed during September 2004, to review the corrective actions associated with the White finding.
- All Performance Indicators were Green.



Safety Significant Finding

(Jan 1 - Dec 31, 2004)

- In May 2003, the licensee failed to establish adequate instructions for the installation of a fuel oil line on the Train A Emergency Diesel Generator.A
- The fuel oil line subsequently failed on September 29, 2003, rendering the diesel generator inoperable.
- On September 27, 2004, the NRC completed a supplemental inspection to review the corrective action associated with the fuel line failure.



Supplemental Inspection

(Jan 1 - Dec 31, 2004)

- Root causes were adequately defined and understood
- Corrective action appropriately addressed the causes



Other Findings

(Jan 1 - Dec 31, 2004)

- Feedwater Isolation Valves
- Diesel Generator Fuel Oil Capacity
- Instrument Uncertainty
- Test Controls for Fluid Systems Outside Containment



Waterford-3 Annual Assessment Summary

(Jan 1 - Dec 31, 2004)

- Entergy Operations Inc. operated Waterford-3 in a manner that preserved public health and safety
- All cornerstone objectives were met with only one White finding identified (Emergency Diesel Generator maintenance activity)
- NRC plans baseline inspections at Waterford-3 for the 2005 assessment period.



Licensee Response and Remarks

Joseph E. Venable
Vice President Operations
Waterford-3
Entergy Operations, Inc.



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 “What We Do” for Public Affairs



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)

