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

May 21, 2007

Kevin T. Walsh
Vice President Operations
Waterford Unit 3
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

SUBJECT: SUMMARY OF WATERFORD-3 STEAM ELECTRIC STATION END-OF-CYCLE PUBLIC MEETING

Dear Mr. Walsh:

This refers to the End-of Cycle public meeting conducted at Killona, LA, on May 17, 2007, between the NRC and your staff. The participants discussed performance at Waterford-3 Steam Electric Station for the period January 1 through December 31, 2006.

The attendance list is enclosed with this summary (Enclosure 1). A copy of the presentation slides is also enclosed (Enclosure 2).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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,

/RA/

Jeff Clark, PE, Chief
Project Branch E
Division of Reactor Projects

Docket No: 50-382
License No: NPF-38

Enclosures:
1. Attendance List
2. NRC Presentation Slides

cc:
Executive Vice President and
Chief Operating Officer
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

Vice President, Operations Support
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

General Manager, Plant Operations
Waterford 3 SES
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057-3093

Manager, Licensing
Entergy Operations, Inc.
17265 River Road
Killona, LA 70057-3093

Chairman
Louisiana Public Service Commission
P.O. Box 91154
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Director, Nuclear Safety Assurance
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Richard Penrod, Senior Environmental
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Chairperson
Denton Field Office
Chemical and Nuclear Preparedness
and Protection Division
Office of Infrastructure Protection
Preparedness Directorate
Dept. of Homeland Security
800 North Loop 288
Federal Regional Center
Denton, TX 76201-3698

Institute of Nuclear Power Operations (INPO)
Records Center
700 Galleria Parkway SE, Suite 100
Atlanta, GA 30339

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operations, Inc./Waterford-3
DATE/TIME	May 17, 2007 - 6:30 pm
LOCATION	Entergy Education Center 4224 Highway 3127 Killona, LA 70057

NAME (PLEASE PRINT)	ORGANIZATION
KIMBERLY COOK	ENTERGY NUCLEAR / WATERFORD 3
Jerry Ridgel	Entergy Nuclear / Waterford
Timothy Gaudet	Entergy Nuclear / W3
Bruce Proctor	Entergy Nuclear / W3
JERRY HOLMAN	ENTERGY NUCLEAR W3
Robert Murillo	Entergy Nuclear W3
Carl Rhode	Entergy Services, Comp Comm
Jason Laque	Entergy Nuclear - W3
MARK BRINKER	ENTERGY NUCLEAR - W3
Leonard Woods	Entergy Nuclear -W3
JOHN HUNSAKER	ENTERGY NUCLEAR - W3
TIMOTHY PFLIEGER	LDEQ
Nan Calhoun	LDEQ

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operations, Inc./Waterford-3
DATE/TIME	May 17, 2007 - 6:30 pm
LOCATION	Entergy Education Center 4224 Highway 3127 Killona, LA 70057

NAME (PLEASE PRINT)	ORGANIZATION
Scott Anders	Entergy
Rodney Bateman	Entergy / W3
Aaron Entel	St. Charles DHSEP
PAUL ONCALE	ST. JOHN OHSEP
[illegible] Lewis	Entergy
Ron Perry	ENTERGY - WF3
PLINY AUZENNE	GONSEP
Keith Nichols	Entergy - WF3
Jim BRIGGS	ENTERGY - WF3

Waterford-3 Steam Electric Station
Annual Assessment Meeting

Reactor Oversight Program - CY 2006

Nuclear Regulatory Commission - Region IV

Arlington, Texas

May 17, 2007

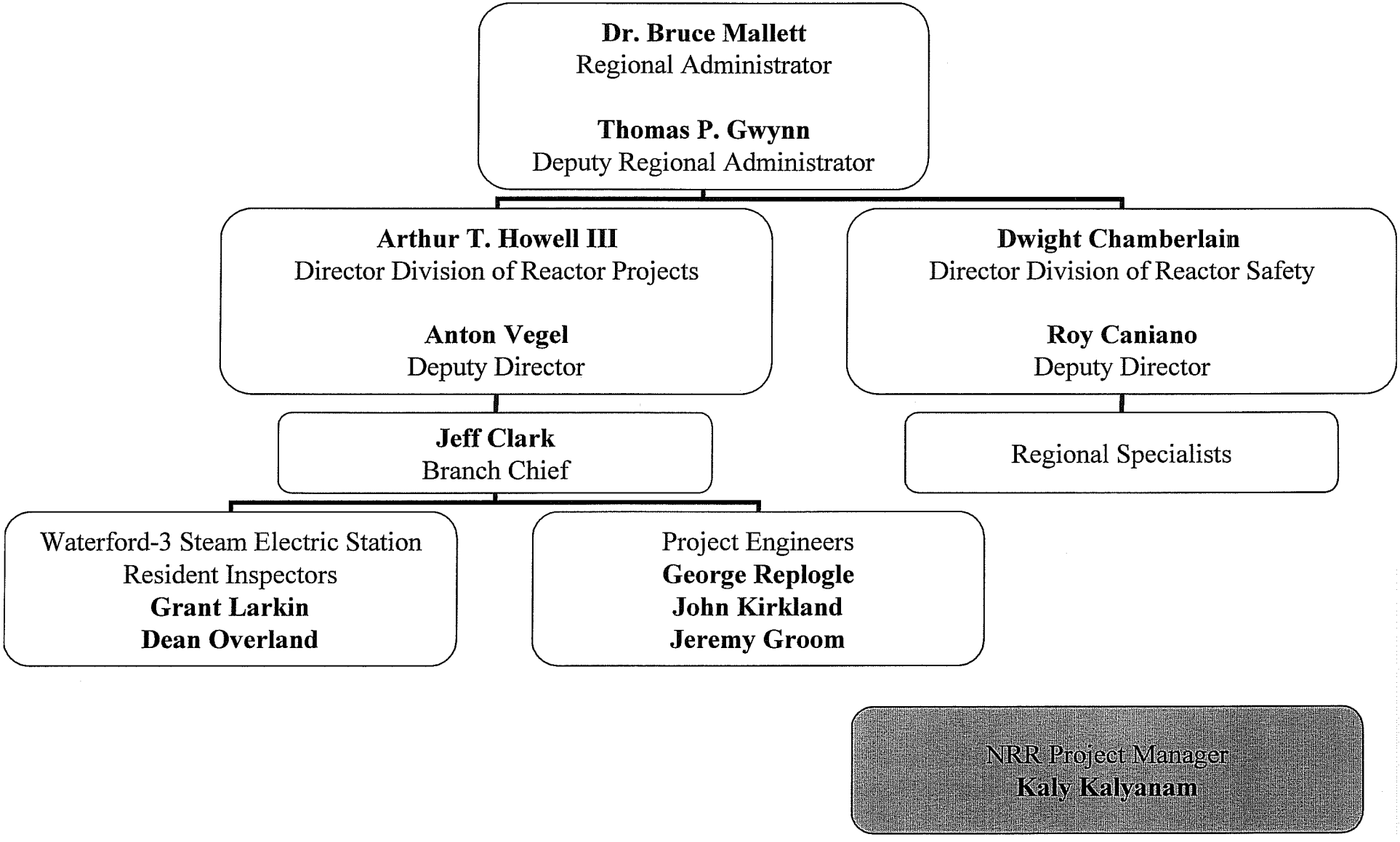
Purpose of Today's Meeting

- A public forum for the NRC and Entergy to discuss Waterford-3 Steam Electric Station' 2006 performance
- NRC will address Waterford's performance issues identified in the annual assessment letter
- Following our portion of the presentation, Entergy will be given the opportunity to respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance

Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Waterford-3 Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- NRC available to address public questions

Region IV Organization



NRC Representatives

- Grant Larkin, Senior Resident Inspector
  - (985) 783-6253
- Dean Overland, Resident Inspector
  - (985) 783-6253
- Jeff Clark, Branch Chief
  - (817) 860-8147

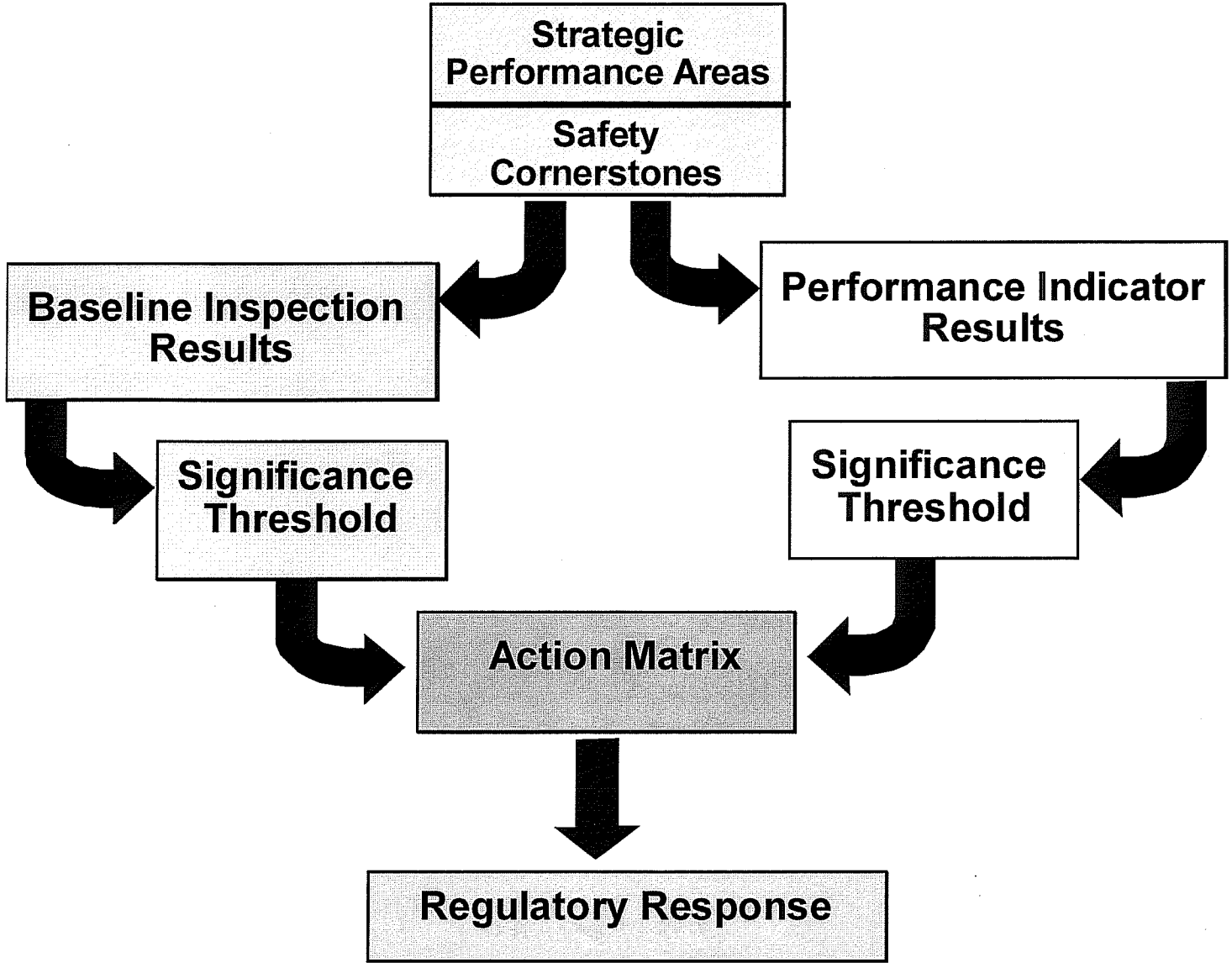
Review of Reactor Oversight Process

Grant Larkin, Senior Resident Inspector

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's strategic objective

Reactor Oversight Process



Examples of Baseline Inspections

- Equipment Alignment ~80 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~110 hrs every 2 yrs
- Worker Radiation Protection ~90 hrs/yr
- Corrective Action Program ~250 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

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 2006	
Licensee Response	70
Regulatory Response	24
Degraded Cornerstone	6
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
Total	103

National Summary

- **Performance Indicator Results (at end of CY 2006)**
  - **Green** 1843
  - **White** 11
  - **Yellow** 0
  - **Red** 0

- **Total Inspection Findings (CY 2006)**
  - **Green** **676**
  - **White** 13
  - **Yellow** **0**
  - **Red** **0**

Waterford-3 Steam Electric Station Performance

Dean Overland, Resident Inspector

Waterford-3 Steam Electric Station Assessment Results

(Jan 1 - Dec 31, 2006)

- Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green).

Waterford-3 Steam Electric Station Inspection Activities

(Jan 1 - Dec 31, 2006)

- Inspection Effort
  - @ 1019 Resident Inspection Hours
  - @ 1301 Regional Inspection Hours

Waterford-3 Steam Electric Station Additional Inspection Activities

(Jan 1 - Dec 31, 2006)

- Temporary Instructions
  - TI-165 "Operational Readiness of Offsite Power and Impact On Plant Risk"
  - TI-166 "Pressurized Water Reactor Containment Sump Blockage"
  - TI-169 "Mitigating Systems Performance Index Verification"
- Refueling Outage Inspection
  - November 25 to December 26, refueling outage.

Waterford-3 Steam Electric Station Annual Assessment Summary

(Jan 1 - Dec 31, 2006)

- Entergy operated Waterford-3 Steam Electric Station in a manner that preserved public health and safety
- All cornerstone objectives were met with ten findings of very low safety significance (Green)
- NRC plans baseline inspections at Waterford-3 Steam Electric Station for the remainder of the assessment period

Licensee Response and Remarks

Kevin Walsh
Vice President Operations
Waterford-3 Steam Electric Station
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)