



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

November 17, 2005

John McGaha, President
Entergy Operations, Inc.
P.O. Box 31995
Jackson, Mississippi 39286-1995

SUBJECT: NRC/ENTERGY OPERATIONS, INC. MANAGEMENT MEETING

Dear Mr. McGaha:

This refers to our meeting conducted at the Entergy Operations, Echelon One office in Jackson, Mississippi, on November 10, 2005. At this meeting, NRC and Entergy management discussed the performance of Arkansas Nuclear One, Cooper Nuclear Station, Grand Gulf Nuclear Station, River Bend Station, and the Waterford Steam Electric Station, Unit 3. Recent Entergy and NRC organizational changes and current regulatory issues were also discussed, as indicated in the enclosed slide presentations.

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 matter, we will be pleased to discuss them with you.

Sincerely,

A handwritten signature in cursive script, reading "Kriss M. Kennedy".

Kriss M. Kennedy, Chief
Project Branch C

Dockets:
ANO: 50-313; 50-368
CNS: 50-298
GG: 50-416
RBS: 50-458
WAT: 50-382

Licenses:

ANO: DPR-51; NPF-6

CNS: DPR-46

GG: NPF-29

RBS: NPF-47

WAT: NPF-38

Enclosures:

1. Attendance List
2. Presentation Slides

cc:

Senior Vice President
& Chief Operating Officer
Entergy Operations, Inc.
P.O. Box 31995
Jackson, MS 39286-1995

James Mallay
Director, Regulatory Affairs
Framatome ANP
3815 Old Forest Road
Lynchburg, VA 24501

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

Wise, Carter, Child & Caraway
P.O. Box 651
Jackson, MS 39205

Manager, Washington Nuclear Operations
ABB Combustion Engineering Nuclear
Power
12300 Twinbrook Parkway, Suite 330
Rockville, MD 20852

Jay Barkley, Chief
Energy & Transportation Branch
Environmental Compliance and
Enforcement Division
Mississippi Department of
Environmental Quality
P.O. Box 10385
Jackson, MS 39289-0385

County Judge of Pope County
Pope County Courthouse
100 West Main Street
Russellville, AR 72801

President, District 1
Claiborne County Board of Supervisors
P.O. Box 339
Port Gibson, MS 39150

Winston & Strawn LLP
1700 K Street, N.W.
Washington, DC 20006-3817

General Manager
Grand Gulf Nuclear Station
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, MS 39150

Bernard Bevill
Radiation Control Team Leader
Division of Radiation Control and
Emergency Management
Arkansas Department of Health
4815 West Markham Street, Mail Slot 30
Little Rock, AR 72205-3867

The Honorable Charles C. Foti, Jr.
Attorney General
Department of Justice
State of Louisiana
P.O. Box 94005
Baton Rouge, LA 70804-9005

Governor Haley Barbour
Office of the Governor
State of Mississippi
P.O. Box 139
Jackson, MS 39205

Jim Hood, Attorney General
State of Mississippi
P.O. Box 220
Jackson, MS 39225

Dr. Brian W. Amy
State Health Officer
State Board of Health
P.O. Box 1700
Jackson, MS 39215

Robert W. Goff, Program Director
Division of Radiological Health
Mississippi Dept. of Health
P.O. Box 1700
Jackson, MS 39215-1700

Director
Nuclear Safety & Licensing
Entergy Operations, Inc.
1340 Echelon Parkway
Jackson, MS 39213-8298

Director, Nuclear Safety
and Regulatory Affairs
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, MS 39150

General Manager
Plant Operations
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

Director - Nuclear Safety
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

Manager - Licensing
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

The Honorable Charles C. Foti, Jr.
Attorney General
Department of Justice
State of Louisiana
P.O. Box 94005
Baton Rouge, LA 70804-9005

H. Anne Plettinger
3456 Villa Rose Drive
Baton Rouge, LA 70806

Burt Babers, President
West Feliciana Parish Police Jury
P.O. Box 1921
St. Francisville, LA 70775

Michael E. Henry, State Liaison Officer
Department of Environmental Quality
Permits Division
P.O. Box 4313
Baton Rouge, LA 70821-4313

Brian Almon
Public Utility Commission
William B. Travis Building
P.O. Box 13326
1701 North Congress Avenue
Austin, TX 78711-3326

Entergy Operations, Inc.

-4-

General Manager, Plant Operations
Waterford 3 SES
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

Manager - Licensing Manager
Waterford 3 SES
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

Chairman
Louisiana Public Service Commission
P.O. Box 91154
Baton Rouge, LA 70821-9154

Director, Nuclear Safety &
Regulatory Affairs
Waterford 3 SES
Entergy Operations, Inc.
17265 River Road
Killona, LA 70066-0751

Michael E. Henry, State Liaison Officer
Department of Environmental Quality
Permits Division
P.O. Box 4313
Baton Rouge, LA 70821-4313

Parish President
St. Charles Parish
P.O. Box 302
Hahnville, LA 70057

Michael T. Boyce, Nuclear Asset Manager
Nebraska Public Power District
P.O. Box 98
Brownville, NE 68321

John C. McClure, Vice President
and General Counsel
Nebraska Public Power District
P.O. Box 499
Columbus, NE 68602-0499

P. V. Fleming, Licensing Manager
Nebraska Public Power District
P.O. Box 98
Brownville, NE 68321

Michael J. Linder, Director
Nebraska Department of
Environmental Quality
P.O. Box 98922
Lincoln, NE 68509-8922

Chairman
Nemaha County Board of Commissioners
Nemaha County Courthouse
1824 N Street
Auburn, NE 68305

Sue Semerena, Section Administrator
Nebraska Health & Human Services
Dept. of Regulation & Licensing
Division of Public Health Assurance
301 Centennial Mall, South
P.O. Box 95007
Lincoln, NE 68509-5007

Mike Wells, Deputy Director
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65101

Director, Missouri State Emergency
Management Agency
P.O. Box 116
Jefferson City, MO 65102-0116

Chief, Radiation and Asbestos
Control Section
Kansas Department of Health
and Environment
Bureau of Air and Radiation
1000 SW Jackson, Suite 310
Topeka, KS 66612-1366

Entergy Operations, Inc.

-5-

Daniel K. McGhee
Bureau of Radiological Health
Iowa Department of Public Health
Lucas State Office Building, 5th Floor
321 East 12th Street
Des Moines, IA 50319

William J. Fehrman, President
and Chief Executive Officer
Nebraska Public Power District
1414 15th Street
Columbus, NE 68601

Jerry C. Roberts, Director of
Nuclear Safety Assurance
Nebraska Public Power District
P.O. Box 98
Brownville, NE 68321

John F. McCann, Director, Licensing
Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601-1813

Electronic distribution by RIV:
 Regional Administrator (**BSM1**)
 DRP Director (**ATH**)
 DRS Director (**DDC**)
 DRS Deputy Director (**RJC1**)
 Senior Resident Inspector (**RWD**)
 Senior Resident Inspector (**SCS**)
 Senior Resident Inspector (**GBM**)
 Senior Resident Inspector (**PJA**)
 Senior Resident Inspector (**MCH**)
 Branch Chief, DRP/C (**KMK**)
 Branch Chief, DRP/E (**DNG**)
 Senior Project Engineer, DRP/C (**WCW**)
 Senior Project Engineer, DRP/E (**VGG**)
 Team Leader, DRP/TSS (**RLN1**)
 RITS Coordinator (**KEG**)

SISP Review Completed: KMK ADAMS: ☒ Yes ☐ No Initials: KMK
☒ Publicly Available ☐ Non-Publicly Available ☐ Sensitive ☒ Non-Sensitive

R:\REACTORS\ _ANO\2005\11-10-05MS-DRP-All Entergy.wpd
 R:\REACTORS\ _CNS\2005\11-10-05MS-DRP-All Entergy.wpd
 R:\REACTORS\ _GG\2005\11-10-05MS-DRP-All Entergy.wpd
 R:\REACTORS\ _RB\2005\11-10-05MS-DRP-All Entergy.wpd
 R:\REACTORS\ _WAT\2005\11-10-05MS-DRP-All Entergy.wpd

RIV/SRI DRP/C	C DRP/C			
WCWalker	KMKennedy			
	<u>KMK</u>			
11/ /05	11/17/05			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operations, Incorporated
DATE/TIME	November 10, 2005; 8:30 a.m.(CST)
LOCATION	Echelon Building Jackson, Mississippi
NAME (PLEASE PRINT)	ORGANIZATION
WAYNE C. WALKER	US NRC / RIV
Randall K. Edington	site VP / Cooper Nuclear Station / ETR / Nppc
Dale E. James	Licensing Manager AND / Entergy
Jeff Forbes	AND Site VP
Rick Deese	NRC / RIV / AND
Tom Marlow	NSS Director, AND
Joe Venable	Site Vice President Waterford 3
Mike Hay	SRI / Waterford 3
Jason Laque	FOI / Waterford 3
Dennis Matheny	Director, Oversight, LENS
John McCann	Director - Licensing, ENN
JOHN T. HERRON	SR. V.P. / COO ENTERGY NORTHEAST
Luis REYES	EAO, USNRC

NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operations, Incorporated
DATE/TIME	November 10, 2005; 8:30 a.m.(CST)
LOCATION	Echelon Building Jackson, Mississippi
NAME (PLEASE PRINT)	ORGANIZATION
CHARLES E. BROOKS	Entergy Operations Inc
JERRY BURFORD	EOI
DAVID LORFING	EOI
PETER ALTER	USNRC
PAUL HINNENKAMP	ENTERGY OPERATIONS INC
CATHERINE GAUJACQ	EOI
George Williams	EOI
GEOFFREY MILLER	USNRC
Mike Krupa	EOI
DAVID GRAVES	NRC - Region IV
BILL EATON	Entergy Operations, Inc.
Art Howell	USNRC
John McGaha	Entergy Operations, Inc

NRC PUBLIC MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operations, Incorporated
DATE/TIME	November 10, 2005; 8:30 a.m.(CST)
LOCATION	Echelon Building Jackson, Mississippi
NAME (PLEASE PRINT)	ORGANIZATION
Bruce S. Mallett	Region IV, NRC

[illegible]

2005 EOI/NRC Senior Management Meeting



November 10, 2005

EOI/NRC November 2005 Agenda

8:30 - 9:00	Introduction / Objectives	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	Plant Presentations – RBS	Peter Alter (NRC/SRI) Paul Hinnenkamp (EOI)
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	Plant Presentation – Cooper	Randy Edington (CNS)
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

NRR REORGANIZATION

Background

- NRR expands from 5 large divisions to 9 smaller divisions
- 3 Associate Directors established
- Reasons for reorganization:
 - prepare for increase in new reactor licensing workload
 - better align for risk-informed regulation
 - reduce layer of executive management



NRR REORGANIZATION

New Licensing Division and Special Projects Branches

- Functions of DLPM were split between two new divisions:
 - Division of Operating Reactor Licensing (DORL) – 7 Branches
 - Division of Policy and Rulemaking (DPR) - 2 Branches
 - Generic Communications and Power Uprate
 - Special Projects
- Catherine Haney is Director/DORL
- Christopher Grimes is Director/DPR



NRR REORGANIZATION

New DORL Branch IV

- DORL Branch IV has licensing responsibility for all Region IV plants
- Most Project Managers have two plant sites
- Letters issued to licensees notifying of changes in Project Managers



EOI/NRC November 2005 Agenda

8:30 - 9:00	<i>Introduction / Objectives</i>	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	Plant Presentations – RBS	Peter Alter (NRC/SRI) Paul Hinnenkamp (EOI)
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	Plant Presentation – Cooper	Randy Edington (CNS)
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

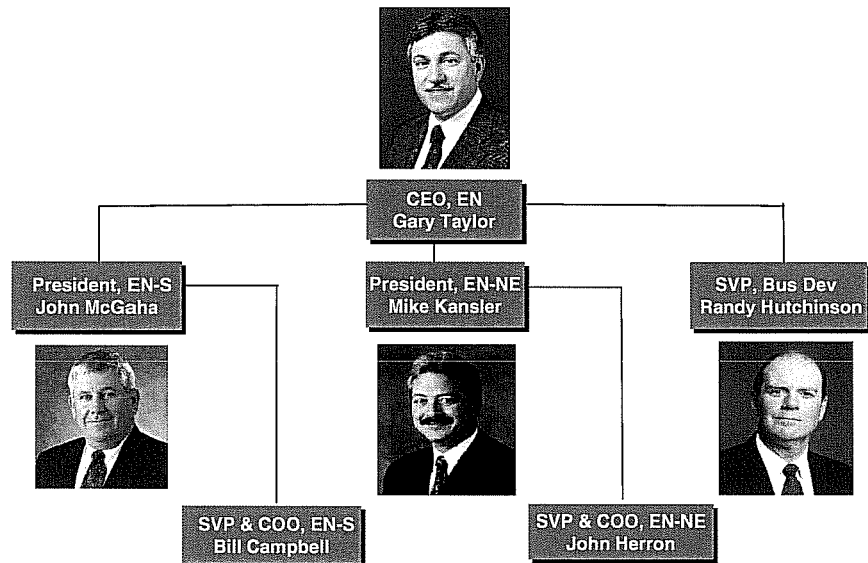
Entergy Organization

John McGaha

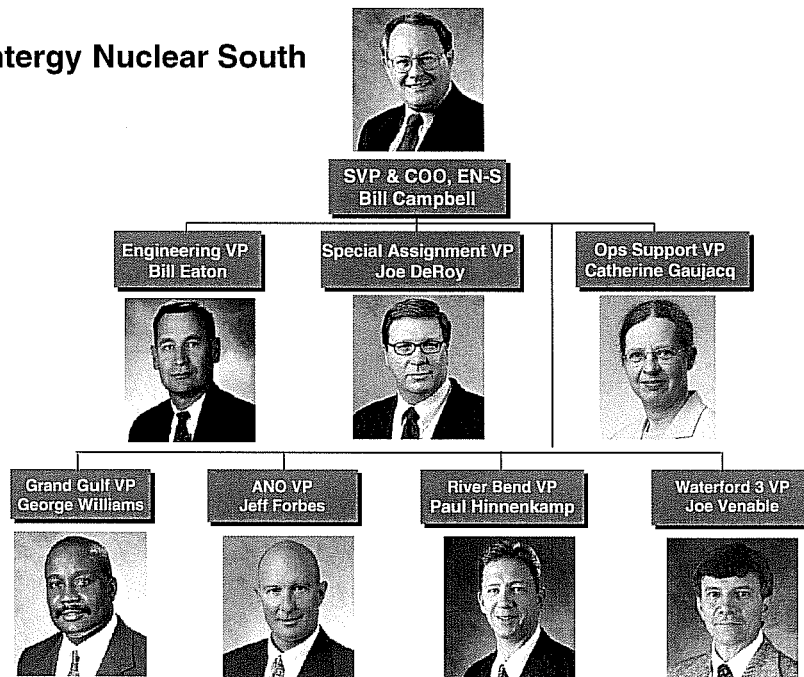
President



The Leadership of Entergy Nuclear



Entergy Nuclear South



Organizational Changes

- RBS General Manager – Don Vinci
- RBS Engineering Director – Harry Goodman
- ANO SG Replacement Director – Bruce Williams
- ANO NSA Director – Thomas Marlow
- Oversight Director – Dennis Matheny
- Training Director – Charles Dieckmann
- Joe DeRoy temporarily assigned to a special project



EOI/NRC November 2005 Agenda

8:30 - 9:00	Introduction / Objectives	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	<i>Plant Presentations – RBS</i>	<i>Peter Alter (NRC/SRI)</i> <i>Paul Hinnenkamp (EOI)</i>
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	Plant Presentation – Cooper	Randy Edington (CNS)
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

RIVER BEND STATION PERFORMANCE INSIGHTS

**Presented by
Peter Alter
Senior Resident Inspector
River Bend Station**



PERFORMANCE INSIGHTS FROM OVERSIGHT PROCESS

- **Maintenance Practices**
- **Equipment Unavailability**
- **Troubleshooting**



PERFORMANCE INSIGHTS FROM EVENTS

- **Plant Scram**
- **Problem Identification and Resolution**
- **Hurricane Katrina/Rita Preparations and Responses**



River Bend Station

Peter Alter

NRC Region IV, Senior Resident

Paul Hinnenkamp

Site Vice President, Operations

Accomplishments / Challenges

- **Performance Improvement Strategy**

- Leadership Effectiveness and Alignment
- Corrective Action and Self-assessment
- Human Performance
- Training for Performance Improvement
- Equipment Reliability
- Operational Excellence

Focus on the Future

- **Equipment Reliability**

- Unit Reliability Team/Maintenance Ownership
- Preventative Maintenance Optimization
- Vulnerability Reviews (SPV/Scram)

- **Maintenance & Work Management**

- Coordination & execution
- Failure modes and analysis
- Safety System Unavailability

EOI/NRC November 2005 Agenda

8:30 - 9:00	Introduction / Objectives	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	Plant Presentations – RBS	Peter Alter (NRC/SRI) Paul Hinnenkamp (EOI)
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	Plant Presentation – Cooper	Randy Edington (CNS)
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

GRAND GULF NUCLEAR STATION PERFORMANCE INSIGHTS

Presented by
Geoff Miller
Senior Resident Inspector
Grand Gulf Nuclear Station



PERFORMANCE INSIGHTS FROM OVERSIGHT PROCESS

- **Maintaining Design Margins**
- **Human Performance Errors**



MAINTAINING DESIGN MARGINS

- **Standby Service Water System Basins**
- **Plant Service Water System (Radial Wells)**
- **Air Operated Containment Isolation Valves**



HUMAN PERFORMANCE ERRORS

- **Plant Service Water Pump Trip**
- **Partial Loss of Component Cooling Water**
- **Division II Standby Diesel Generator Alarm Panel**



PERFORMANCE INSIGHTS FROM EVENTS

- **Reactor Scram Due to Partial Loss of Offsite Power**
- **Partial Loss of Component Cooling Water**
- **Hurricane Katrina/Rita Preparations and Responses**



Grand Gulf

George Williams

Site Vice President, Operations

Geoff Miller

NRC Region IV, Senior Resident



Accomplishments / Challenges

- Safe Effective Outage (1RF14)
- Plant Performance
- Switchyard Upgrades
- Operations Training INPO Accreditation
- Management / Supervision Engagement
- Human Performance / Operations Performance
- Strong Corrective Action & Assessment



Focus on the Future

- Margin Recovery/Equipment Reliability
 - Kaowool
 - SSW Basins
 - Plant Air System Upgrade
 - Radial Wells
 - Feedwater Heater Bay Cable Replacement
 - AOV
- Dry Cask Storage Implementation
- Human Performance
 - Operations High Impact Training



EOI/NRC November 2005 Agenda

8:30 - 9:00	Introduction / Objectives	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	Plant Presentations – RBS	Peter Alter (NRC/SRI) Paul Hinnenkamp (EOI)
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	Plant Presentation – Cooper	Randy Edington (CNS)
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

ARKANSAS NUCLEAR ONE PERFORMANCE INSIGHTS

**Presented by Rick Deese
Senior Resident Inspector
Arkansas Nuclear One**



PERFORMANCE INSIGHTS FROM OVERSIGHT PROCESS

- **Substantive Cross-Cutting Issue in PIR**
- **Fire Protection Issues**
- **Communications**



Substantive Cross-Cutting Issue in PIR

- **Problem Identification**
- **Prioritizing and Evaluating
Conditions**
- **Corrective Action Implementation**



Fire Protection Issues

- **Alternate Shutdown Actions to Prevent
Emptying Pressurizer**
- **Unit 1 Sprinkler System**



Communications

- **Work Affecting Doors**
- **Scaffolding Issues**
- **Emergency Cooling Pond**



PERFORMANCE INSIGHTS FROM EVENTS

- **Procedure Quality**
- **Control Room Emergency Ventilation Issues**



Procedure Quality

- **Unit 2 Dropped Control Element Assembly**
- **Unit 1 Main Feedwater Block Valve Failure**
- **Unit 1 Asymmetric Rod Fault Recovery**



Control Room Emergency Ventilation Issues

- **Unplanned Initiations**
- **Technical Specification Issues**
- **Design Control Issues**



Arkansas Nuclear One

Jeff Forbes

Site Vice President, Operations

Rick Deese

NRC Region IV, Senior Resident



Accomplishments / Challenges

- Safety culture improvements
- Equipment Reliability
- Fire Protection recovery plan
- Operations Training accreditation renewal



Focus on the Future

- Corrective Action Program
- Fire Protection - NFPA-805 Conversion
- Equipment Reliability
- Leadership Effectiveness / Human Performance
- Operations High Impact Training



EOI/NRC November 2005 Agenda

8:30 - 9:00	Introduction / Objectives	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	Plant Presentations – RBS	Peter Alter (NRC/SRI) Paul Hinnenkamp (EOI)
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	Plant Presentation – Cooper	Randy Edington (CNS)
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

WATERFORD 3 PERFORMANCE INSIGHTS

**Presented by Mike Hay
Senior Resident Inspector
Waterford Steam Electric Station Unit 3**



PERFORMANCE INSIGHTS FROM OVERSIGHT PROCESS

Corrective Action Challenges

- **Repetitive MFIV Issues**
- **Essential Chillers**
- **Main Steam Leaks**



PERFORMANCE INSIGHTS FROM OVERSIGHT PROCESS

Corrective Action Successes

- **Main Feedwater Isolation Valves**
- **ECCS Voiding Issues**
- **Alloy 600 PWSCC**



PERFORMANCE INSIGHTS FROM EVENTS

Procedural Issues

- **RCS Venting During Drain Down – Vacuum Drawn in RCS**
- **ILRT Procedure – Void Drawn in Vessel Head**
- **Containment Closure Following Loss of Shutdown Cooling**



PERFORMANCE INSIGHTS FROM EVENTS

Hurricane Katrina/Rita Preparations and Responses



Waterford 3

Joe Venable

Site Vice President, Operations

Mike Hay

NRC Region IV, Senior Resident

Accomplishments / Challenges

- Safety Performance
 - Zero lost time accidents and four OSHA recordables
 - CR Generation, 2005 (4454) / 04 (4236) / 03 (4022)
 - No automatic scram since February 13, 2001
- Plant operational performance
 - TS LCO entries and Maintenance Backlog
 - Successful implementation Power Uprate
 - Successful response to Hurricane Katrina

Focus on the Future

- Strengthen leadership and human performance in operations
- Increase rigor in procedures (high focus on operations and maintenance)
- Make Equipment Reliability paramount in improved equipment performance
- Maintain questioning attitude and conservative decision making at all levels of organization
- Plan and execute Refuel 14 in 2006

EOI/NRC November 2005 Agenda

8:30 - 9:00	Introduction / Objectives	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	Plant Presentations – RBS	Peter Alter (NRC/SRI) Paul Hinnenkamp (EOI)
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	<i>Plant Presentation – Cooper</i>	<i>Randy Edington (CNS)</i>
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

Cooper Nuclear Station

Randy Edington

Site Vice President,
Chief Nuclear Officer

Scott Schwind

NRC Region IV, Senior Resident

Accomplishments/Challenges

- Regulatory
- Corrective Action Program
- Human Performance
- Industry Recognition
- Equipment Reliability
- Security

Focus on the Future

- Corrective Action Program
- Human Performance
- Equipment Reliability
- Refueling Outage Preparation & Execution
- Leadership Alignment & Engagement

EOI/NRC November 2005 Agenda

8:30 - 9:00	Introduction / Objectives	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
9:00 - 9:30	Organization Changes and Other Topics of Interest	Art Howell (NRC/RIV) Dave Terao (NRC/NRR) John McGaha (EOI)
9:30 - 10:15	Plant Presentations – RBS	Peter Alter (NRC/SRI) Paul Hinnenkamp (EOI)
10:15 - 10:30	Break	
10:30 - 11:15	Plant Presentations – GGNS	Geoff Miller (NRC/SRI) George Williams (EOI)
11:15 - 12:00	Plant Presentations – ANO	Rick Deese (NRC/SRI) Jeff Forbes (EOI)
12:00 - 12:30	Lunch	
12:30 - 1:15	Plant Presentations - W3	Mike Hay (NRC/SRI) Joe Venable (EOI)
1:15 - 1:30	Plant Presentation – Cooper	Randy Edington (CNS)
1:30 - 3:15	General Discussion Topics	Bruce Mallett (NRC/RIV) Bill Campbell (EOI) Luis Reyes (NRC/EDO)
3:15 - 3:30	Closing Remarks /Adjourn	

General Discussion Topics

- Fire Protection - Steps Entergy is taking to resolve issues at sites and actions NRC is taking with regard to manual actions
- PWR containment sump and impact of sludge research results
- Lessons-Learned from response to Hurricanes Katrina and Rita
- Entergy's assessment of how cross-cutting issue process is working in the ROP
- Nuclear power plant security and emergency planning
- EDG's and other equipment being taken out of service for long LCO's and the evaluation of risk-alignment on best practice in this area
- SCWE Initiatives
- New Reactors – GG and RBS