



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

April 20, 2004

Paul D. Hinnenkamp
Vice President - Operations
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

SUBJECT: SUMMARY OF ANNUAL PERFORMANCE ASSESSMENT
MEETING FOR RIVER BEND STATION

Dear Mr. Hinnenkamp:

This refers to the meeting conducted in St. Francisville, Louisiana, on April 13, 2004, to discuss the safety performance at River Bend Station between January 1 and December 31, 2003.

Topics discussed during the meeting included the Reactor Oversight Process, the safety performance at River Bend Station, and other industry and regulatory topics that may have been of interest to the local area residents. Members of the public present at the meeting were allowed to ask questions and comment on the proceedings.

In accordance with Section 2.390 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the NRC's Public Document Room.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

David N. Graves, Chief
Project Branch B
Division of Reactor Projects

Docket: 50-458
License: NPF-47

Enclosures:

1. Attendance List
2. Presentation

Entergy Operations, Inc.

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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

Jimmy Bello, President
Pointe Coupe Parish Police Jury
P.O. Box 290
New Roads, LA 70760

James Hunt, President
East Feliciana Parish Police Jury
P.O. Box 427
Clinton, LA 70722

Riley Berthelot, Jr., Parish President
West Baton Rouge Parish Counsel
P.O. Box 757
Port Allen, LA 70767

Bobby Simpson, Mayor-President
Office of the Mayor-President
East Baton Rouge Parish
P.O. Box 1471
Baton Rouge, LA 70821

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

Jim Brewer
Assistant Chief Administrative Officer
Office of the Mayor/President
East Baton Rouge Parish
P.O. Box 1471
Baton Rouge, LA 70821

Joanne Moreau, Director
Office of Homeland Security and
Emergency Preparedness
East Baton Rouge Parish
P.O. Box 1471
Baton Rouge, LA 70821

Charles LeBlanc, Director
Office of Emergency Preparedness
West Baton Rouge Parish
P.O. Box 757
Port Allen, LA 70767

Don Ewing, Director
Office of Emergency Preparedness
Pointe Coupee Parish
P.O. Box 248
New Roads, LA 70760

Col. Michael L. Brown, Assistant Director
Military Department
Louisiana Office of Emergency Preparedness
P.O. Box 44217
7667 Independence Blvd.
Baton Rouge, LA 70806

Jesse Means, Jr., Director
Office of Homeland Security and
Emergency Preparedness
West Feliciana Parish
P.O. Box 1927
St. Francisville, LA 70775

T. W. Prewitt, Director
Office of Homeland Security and
Emergency Preparedness
East Feliciana Parish
P.O. Box 640
Jackson, LA 70748

Entergy Operations, Inc.

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The Honorable William D'Aquila
Mayor, Town of St. Francisville
P.O. Box 400
St. Francisville, LA 70775

Electronic distribution by RIV:
 Regional Administrator (**BSM1**)
 DRP Director (**ATH**)
 DRS Director (**DDC**)
 Senior Resident Inspector (**PJA**)
 Branch Chief, DRP/B (**DNG**)
 Senior Project Engineer, DRP/B (**RAK1**)
 Staff Chief, DRP/TSS (**PHH**)
 RITS Coordinator (**KEG**)

ADAMS: Yes No Initials: MS
 Publicly Available Non-Publicly Available Sensitive Non-Sensitive

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RIV C:DRP/B				
DNGraves;df				
<i>df</i>				
4/1/04				

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Entergy Operations/ River Bend Station
DATE/TIME	April 13, 2004 - 7:00 pm
LOCATION	Jackson Hall Grace Episcopal Church 11621 Ferdinand Street St. Francisville, Louisiana
NAME (PLEASE PRINT)	ORGANIZATION
David Grace	NRC - RIV
Art Howell	NRC - RIV
Vicki - Drives	NRC RIV
Lisa Day	NRC - RIV
Peter - Alter	NRC RIV
Michael Miller	NRC RIV
Marie Miller	
Kristi Huffstatler	Entergy - River Bend
Joe Leavines	Entergy - River Bend
Robert BIGGS	Entergy - River Bend
DAVID LORFINO	ENTERGY - RIVER BEND
RICK KING	ENTERGY - RIVER BEND
PAUL HINNENKAMI?	Entergy RBS

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LOCATION	Jackson Hall Grace Episcopal Church 11621 Ferdinand Street St. Francisville, Louisiana
NAME (PLEASE PRINT)	ORGANIZATION
Diane Park	Entergy
JOE MALARA	ENTERGY
Becky Alter	
Sherlot Edwards	West Baton Rouge Parish
Wayne Delafosse	West Baton Rouge Parish
PROSANTA CHOWDHURY	LA STATE DEPT. OF ENV. QUALITY

ANNUAL ASSESSMENT MEETING



**Nuclear Regulatory Commission
Region IV**

NRC Meeting Purpose

- **Meeting with Licensee**
- **Inform Public of Plant Performance**

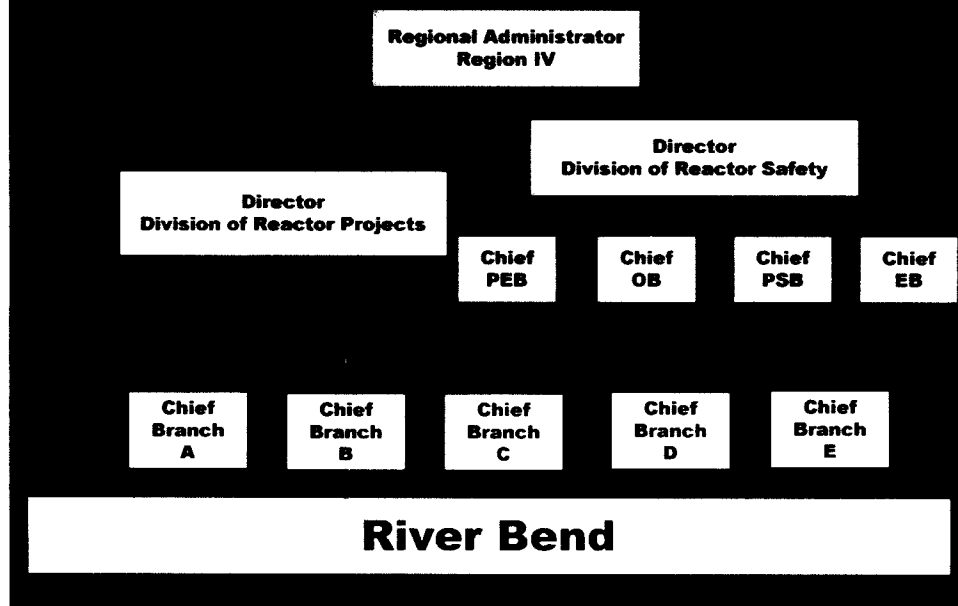


NRC Meeting Guidelines

- Registration Table
- Questions and Answers
- Feedback Forms
- Handouts



Regional Organization



River Bend



Meeting Agenda

- **REGULATORY OVERSIGHT**
- **PLANT SAFETY PERFORMANCE SUMMARY**
- **ADDITIONAL FOCUS AREAS**
- **QUESTIONS AND ANSWERS**



NRC PERFORMANCE GOALS

- **Maintain public safety, protect the environment and promote common defense and security**
- **Enhance public confidence**
- **Improve:**
 - Effectiveness
 - Efficiency
 - Realism of processes and decision making
- **Reduce unnecessary regulatory burden**

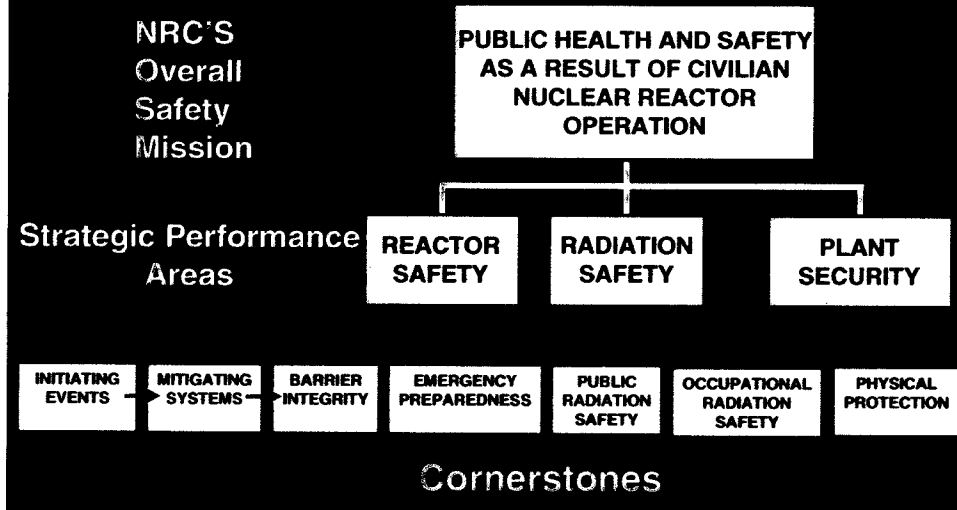


NRC Oversight Activities

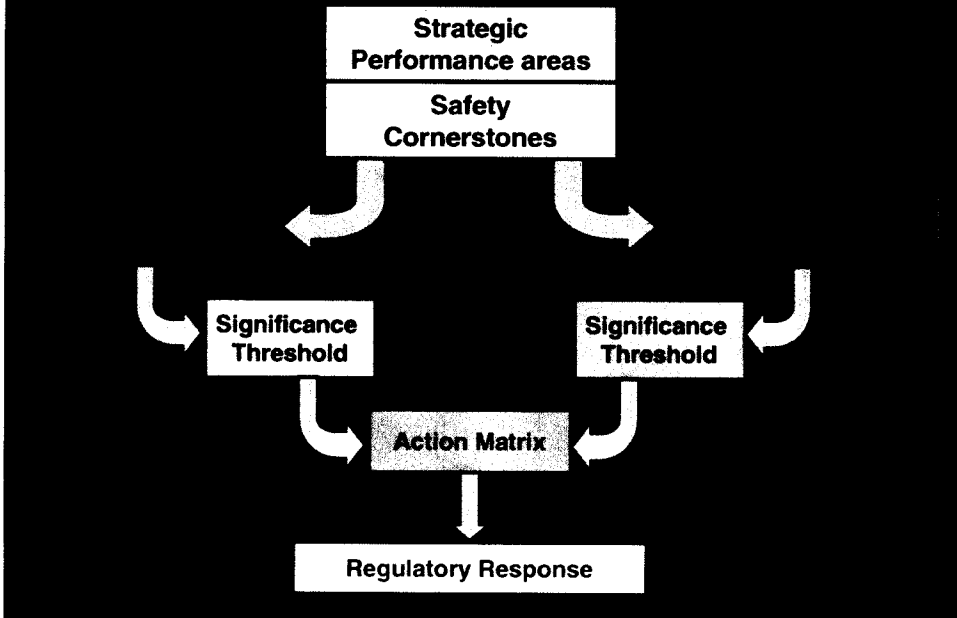
- **Provide assurance plants are:**
 - Operating safely
 - Complying with regulations
- **Based on a logical and sound framework**
- **Inspections focused on key safety areas**
- **Objective indicators of performance**
- **Assessment program triggers regulatory actions**



Reactor Oversight Process



Reactor Oversight Process



Baseline Inspection Program

- **Gathers objective evidence of plant safety**
- **Conducted at all plants**
- **Focuses on safety-significant:**
 - **systems**
 - **components**
 - **activities**
 - **events**



Baseline Inspection Program

- **Inspection reports describe significant findings and non-compliance**
- **Inspection reports are publicly accessible**

www.nrc.gov/reading-rm/adams/web-based.html



Event Follow-up and Supplemental Inspections

- Review events for significance
- Follow-up significant inspection findings
- Determine causes of performance declines
- Provide for graduated response



Reactor Oversight Process

SAFETY SIGNIFICANCE

- very low

WHITE

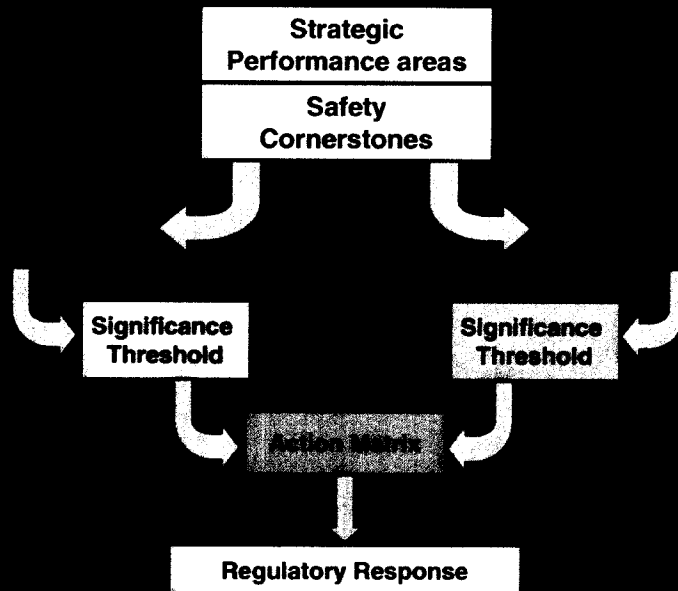
- low to moderate

YELLOW

- substantial

- high

Reactor Oversight Process



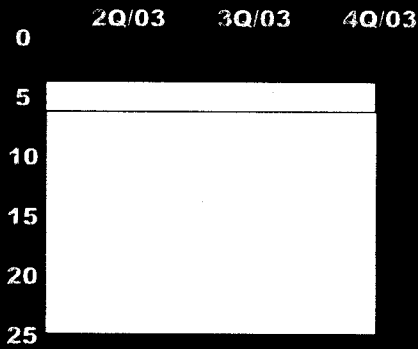
Performance Indicator Program

- Licensee monitors key safety parameters
- Data supplied to NRC quarterly
- Regulatory actions based on data



Performance Indicators

Unplanned Scrams per 7000 critical hours



Thresholds:

White >3.0,

Yellow >6.0,

>25.0

Unplanned scrams per 7000 critical hours	2Q/03	3Q/03	4Q/03
Actual scrams	0	1	0
Critical hours	1960	2182	2209
Indicator value	1.7	1.7	1.7

Performance Indicators

- **Performance indicator results and other assessment information available on the NRC's public web site:**

http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/RBS1/rbs1_chart.html



Inspection Effort

- **Resident Inspectors**
 - Stationed at the Plant
 - Prompt Response Capability
- **Regional Inspectors**
 - Specialized
 - Inspection Teams
- **Office of Nuclear Reactor Regulation**
 - Review License Change Requests



Overall NRC Effort

858

1167

1319

Headquarters - 1319

Regional - 858

Resident - 1167

Total hours - 3344



Key Aspects of the Assessment Program

- **Objective review of licensee performance**
- **“Action Matrix” to determine agency response in three areas:**
 - Inspection
 - Management Involvement
 - Regulatory Actions
- **Plant specific assessment letters**
- **Information on NRC public web site**



Plant Safety Performance Summary



Inspection Results

One finding of low to moderate safety significance

Most findings were of very low safety significance

No special or supplemental inspections



Performance Indicator Results

All performance indicators within the Licensee Control Band (Green)



ROP Action Matrix Summary for 2003

	Licensee Response	Regulatory	Degraded Cornerstone	Multiple/ Repetitive Degraded Cornerstone	Unacceptable Performance
Nationwide	74	23	2	3	0
Region IV	17	3	0	1	0

National vs Regional Summary CY 2003

	Green			Red
National Performance Indicator Results (CY 2003)	1828	15	0	0
Regional Performance Indicator Results (CY 2003)	376	2	0	0
	Green			Red
National Total Inspection Findings (CY 2003)	760	16	2	3
Regional Total Inspection Findings (CY 2003)	177	2	0	0

Assessment Conclusion

Cornerstone objectives fully met

Licensee effectively managed:

- Reactor safety
- Radiation safety
- Plant security

River Bend Station operated in a manner that preserved the health and safety of the public



LICENSEE RESPONSE



Additional Focus Areas

- **Security at Nuclear Power Plants**
- **Recent Industry Issues**



Security at Nuclear Power Plants

Nuclear Regulatory Commission:

- **Expanded involvement with FBI, law enforcement and other intelligence agencies**
- **Frequent communications with Office of Homeland Security, DOD, FAA, FEMA and other federal agencies**
- **Continue to work in concert with:**
 - **Licensees**
 - **State and local officials**



Security at Nuclear Power Plants

Threat Advisory and Protective Measures System:

- communicates threats affecting NRC licensees
- corresponds to color-coded Homeland Security Presidential Directive
- Identifies specific actions to be taken by NRC licensees for each threat level



Recent Industry Issues

Bulletin 2003-01: Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized Water Reactors

Bulletin 2003-02: Leakage from Reactor Pressure Vessel Lower Head Penetrations and Reactor Coolant Pressure Boundary Integrity

Bulletin 2003-04: Rebaseline Data in Nuclear Materials Management & Safeguards System



Conclusions

- **Risk-Informed Programs**
- **Flexible/Predictable Response**
- **Assured Public Safety**



Contacting the NRC

Report an Emergency:

- (301) 816-5100 (collect)

Report a Safety Concern:

- (800) 695-7403 or
- Allegation@nrc.gov

- **General Information or questions:**

- www.nrc.gov

For additional information:

Regional Public Affairs Officer

Victor Dricks

- Phone: (817) 860 - 8128

State Liaison Officer

- William (Bill) Maier

- Phone: (817) 860 - 8267

↗ Select "What we do" for Public Affairs