



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

APR 17 2003

Paul D. Hinnenkamp
Vice President - Operations
River Bend Station
Entergy Operations, Inc.
P.O. Box 220
St. Francisville, Louisiana 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 10, 2003, to discuss the safety performance at River Bend Station between January 1 and December 31, 2002.

Topics discussed during the meeting included the Reactor Oversight Process, the safety performance at River Bend Station, nuclear industry issues, and other 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 2.790 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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cc:

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

Vice President
Operations Support
Entergy Operations, Inc.
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General Manager
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Entergy Operations, Inc.
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Director - Nuclear Safety
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Entergy Operations, Inc.
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Winston & Strawn
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P.O. Box 220
St. Francisville, Louisiana 70775

The Honorable Richard P. Ieyoub
Attorney General
Department of Justice
State of Louisiana
P.O. Box 94005
Baton Rouge, Louisiana 70804-9005

Entergy Operations, Inc.

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

President
West Feliciana Parish Police Jury
P.O. Box 1921
St. Francisville, Louisiana 70775

Michael E. Henry, State Liaison Officer
Department of Environmental Quality
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Baton Rouge, Louisiana 70884-2135

Brian Almon
Public Utility Commission
William B. Travis Building
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Jimmy Bello, President
Pointe Coupe Parish Police Jury
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James Hunt, President
East Feliciana Parish Police Jury
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Clinton, Louisiana 70722

Ted Denstel, Parish President
West Baton Rouge Parish Counsel
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Port Allen, Louisiana 70767

Burt Babers, President
West Feliciana Parish Police Jury
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Bobby Simpson, Mayor-President
Office of the Mayor-President
East Baton Rouge Parish
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Ron Castleman, Regional Director
Federal Emergency Management Agency
Region VI, Federal Center
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Assistant Chief Administrative Officer
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Dept. of Emergency Management
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Col. Michael L. Brown, Assistant Director
Military Department
Louisiana Office of Emergency Preparedness
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Baton Rouge, Louisiana 70806

Jesse Means, Director
Dept. of Emergency Management
West Feliciana Parish
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St. Francisville, Louisiana 70775

Entergy Operations, Inc.

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T. W. Prewitt, Director
Dept. of Emergency Management
East Feliciana Parish
P.O. Box 640
Jackson, Louisiana 70748

Mr. William D'Aquila, Mayor
Town of St. Francisville
P.O. Box 400
St. Francisville, Louisiana 70775

Electronic distribution by RIV:
 Regional Administrator (**EWM**)
 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 (**NBH**)
 B. McDermott (**BJM**)
 RBS Site Secretary (**LGD**)

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

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RIV:PE:DRP/B	C:DRP/B			
JLDixon;df	DNGraves			
<i>2LSD</i>	<i>P</i>			
4/16/03	4/17/03			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

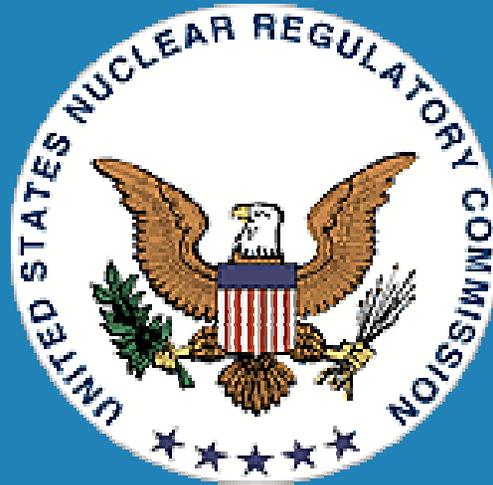
END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	ENTERGY/ River Bend Station	
DATE/TIME	April 10, 2003	7:00 pm
LOCATION	River Bend Station Training Center 5485 U.S. Highway 61 (at River Bend Station Plant Access Road) St. Francisville, LA	
NAME (PLEASE PRINT)	ORGANIZATION	
Jeffrey P Meyers	LDEQ	
Rick King	ENTERGY - RBS	
Robert J. Babin	ENTERGY - RBS	
Gail H. Good	NRC	
David Graves	NRC	
Peter Alter	NRC	
Michael Miller	NRC	
Barry Allen	Entergy - RBS	
Lisa Day	NRC	
Becky Otter	Public	
Marie Miller	Public	
Kristi Hoffstatler	Entergy - RBS	
Amy Wells	Entergy - RBS	

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NAME (PLEASE PRINT)	ORGANIZATION
Davey Wells	Entergy
ANDRE JAMES	ENTERGY
PAUL HINNENKAMP	ENTERGY
Russ Brian	ENTERGY
TOM TRAPANZA	ENTERGY
Veronica Klein	NRC
Susan Webb	self
Michael Webb	NRC
Tommy C. Boyou	Fire Dist. #1 of W. Feliciana
Jesse L. Means, Jr.	West Feliciana Parish, OEP
Michael M. Taylor	W.F.S.O
LEAH LANG	LOEP

ANNUAL ASSESSMENT MEETING



Nuclear Regulatory Commission

Region IV

NRC Meeting Purpose

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



NRC Meeting Guidelines

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



NRC PERFORMANCE GOALS

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



NRC Personnel

Gail Good	Acting Deputy Director Division of Reactor Projects
David Graves	Chief, Project Branch B Division of Reactor Projects
Peter Alter	Senior Resident Inspector River Bend Station
Michael Miller	Resident Inspector River Bend Station



Meeting Agenda

- **Regulatory Oversight**
- **Findings and Assessments**
- **Nuclear Industry Issues**
- **Questions and Answers**



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**



Comprehensive Oversight Program

**NRC'S
Overall
Safety
Mission**

**PUBLIC HEALTH AND SAFETY
AS A RESULT OF CIVILIAN
NUCLEAR REACTOR
OPERATION**

**Strategic Performance
Areas**

**REACTOR
SAFETY**

**RADIATION
SAFETY**

**PLANT
SECURITY**

Cornerstones

**Initiating
Events**

**Mitigation
Systems**

**Barrier
Integrity**

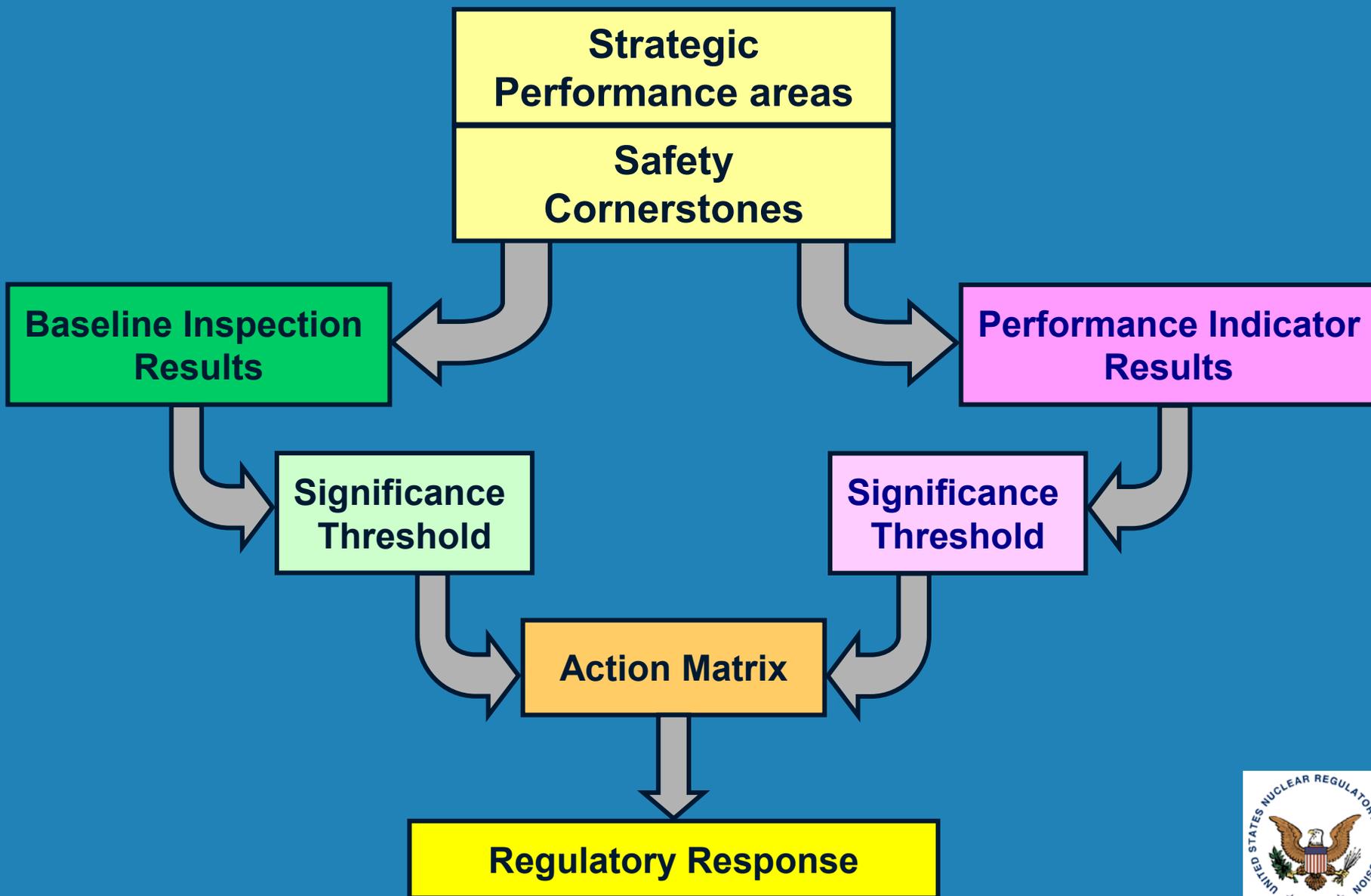
**Emergency
Preparedness**

Public

Occupational

**Physical
Protection**

Reactor Oversight Process



Reactor Oversight Process

SAFETY SIGNIFICANCE

GREEN

- Very low

WHITE

- Low to moderate

YELLOW

- Substantial

RED

- High



Performance Indicator Program

- **Licensee monitors key safety parameters**
- **Data supplied to NRC quarterly**
- **Reviewed by Inspectors**



Performance Indicators

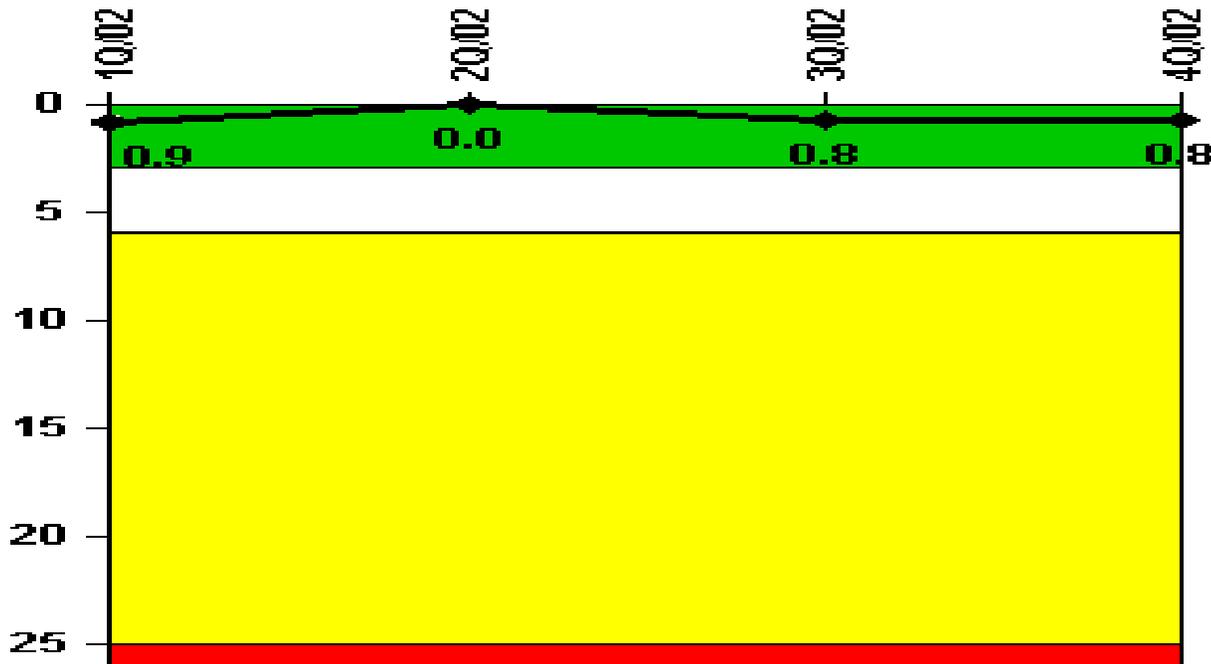
- **Performance indicator results and other assessment information available on the NRC's public web site:**

www.NRC.gov/NRR/OVERSIGHT/ASSESS/RBS1/rbs1_chart.html



Performance Indicators

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned Scrams	0	0	1	0
Critical Hours	2160	2115	2148	2209
Indicator Value	0.9	0	0.8	0.8



Baseline Inspection Program

- **Gathers objective evidence of plant safety**
- **Conducted at all plants**
- **Focuses on safety-significant:**
 - **Systems**
 - **Components**
 - **Activities**
 - **Events**



Event Follow-up and Supplemental Inspections

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



Inspection Reports

- **Describe findings and non-compliance**
- **Publicly accessible**

www.NRC.gov/reading-rm/adams.html



Resident Inspectors

- **Stationed at the plant**
- **Prompt response capability**
- **Over 2700 hours of oversight**

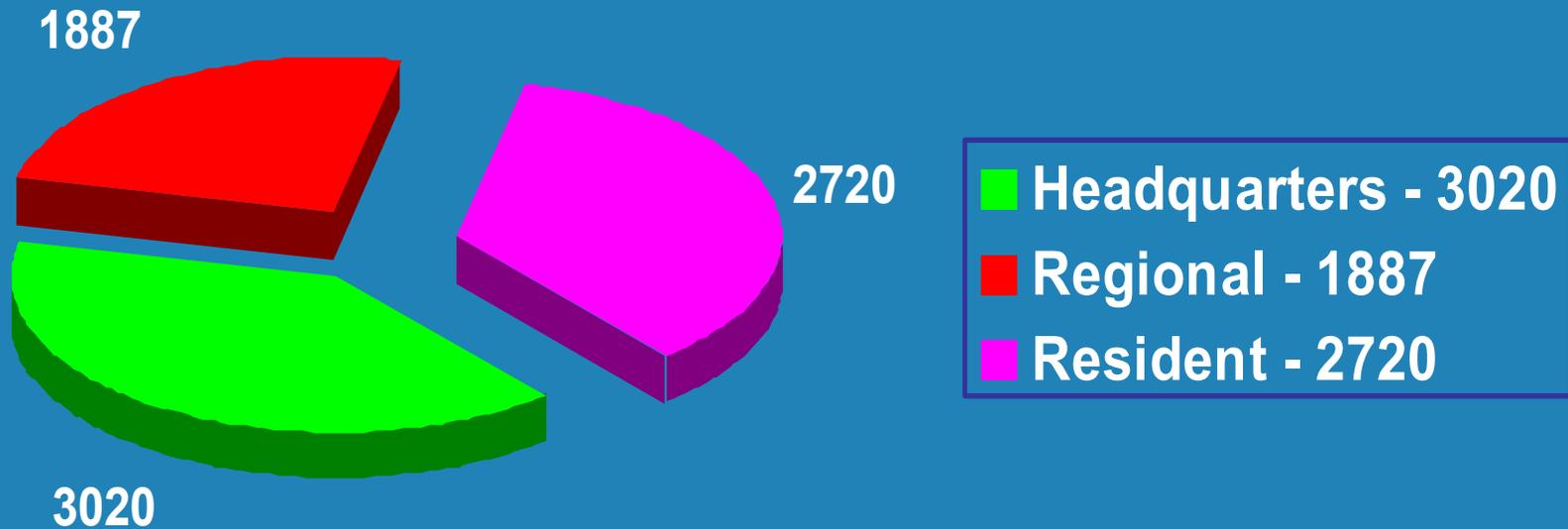


Regional Inspectors

- **Specialized**
- **Inspection teams**
- **Over 1800 hours of oversight**



Overall NRC Effort



Total hours - 7627

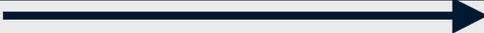


Key Aspects of the Assessment Program

- **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**



ACTION MATRIX

		Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
RESULTS		All Assessment Inputs (Performance Indicators (PI's) and Inspection Findings Green; Cornerstone Objectives fully met	One or Two White Inputs (in different cornerstones) in a Strategic Performance Area; Cornerstone Objectives fully met	One Degraded Cornerstone (2 White inputs or 1 Yellow Input) or any 3 White Inputs in a Strategic Performance Area; Cornerstone Objectives met with moderated degradation in safety performance	Repetitive Degraded Cornerstone, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or 1 Red Input; Cornerstone Objectives met with longstanding issues or Significant degradation in Safety performance	Overall Unacceptable Performance; plants not permitted to operate within this band, Unacceptable Margin to Safety
RESPONSE	Regulatory Performance Meeting	None	Branch Chief (BC) or Division Director (DD) meet with Licensee	DD or Regional Administrator (RA) meet with Licensee	RA (or EDO) meet with Senior Licensee Management	Commission meeting With Senior Licensee Management
	Licensee Action	Licensee Corrective Action	Licensee root cause Evaluation and corrective Action with NRC oversight	Licensee cumulative root cause evaluation with NRC oversight	Licensee Performance Improvement Plan with NRC oversight	
	NRC Inspection	Risk-Informed Baseline Inspection Program	Baseline and supplemental inspection procedure 95001	Baseline and supplemental inspection procedure 95002	Baseline and supplemental inspection procedure 95003	
	Regulatory Actions ¹	None	Supplemental inspection only	Supplemental inspection only	-10 CFR 2.204 DFI -10 CFR 50.54(f) Letter -CAL/Order	Order to modify, Suspend, or revoke licensed activities
COMMUNICATION	Assessment Letters	BC or DD review/sign Assessment report (w/ inspection plan)	DD review/sign assessment report (w/ inspection plan)	RA reviews/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w inspection plan)	
	Annual Public Meeting	SRI or BC meet with Licensee	BC or DD meet with Licensee	RA (or designee) discuss performance with Licensee	EDO discuss performance with Senior Licensee Management	
	Commission Involvement	None	None	None	Plant discussed at AARM	Commission Meeting with Senior Licensee Management
INCREASING SAFETY SIGNIFICANCE 						

Note 1: The regulatory actions for plants in the Multiple/Repetitive Degraded Cornerstone column are not mandatory agency actions. However, the regional office should consider each of these regulatory actions when significant new information regarding licensee performance becomes available.

ROP Action Matrix

Summary for 2002

	Licensee Response	Regulatory	Degraded Cornerstone	Multiple/ Repetitive Degraded Cornerstone	Unacceptable Performance
Nationwide	59	33	7	3	0
Region IV	13	5	2	1	0

Does not include Davis Besse



Plant Performance Summary



Performance Indicator Results

- **All performance indicators within the Licensee Response Band**



Inspection Results

- **Two special inspections conducted**
- **Inspection findings were of low to moderate and very low safety significance**



White Finding

- **Emergency Preparedness Cornerstone**
- **Failure to meet planning standard**
- **Moderate safety significance**
- **Supplemental Inspection performed**



Assessment Results

- **Licensee performance was in the Regulatory Response Column**



Assessment Conclusions

- **Public health and safety assured**
- **Strategic Area objectives fully met**



LICENSEE RESPONSE

Nuclear Industry Issues

- **Reactor Vessel Head Degradation**
- **Power Plant Security**



Reactor Vessel Head Degradation

- **NRC Bulletin 2002-01 “Reactor Pressure Vessel Head Degradation and Reactor Coolant Pressure Boundary Integrity”**
- **NRC Bulletin 2002-02 “Reactor Pressure Vessel Head & Vessel Penetration Nozzles”**
- **Head inspection order issued**
- **Inspections conducted**



Power Plant Security

- **Expanded involvement with other agencies**
- **Threat advisory and protective measures system**
- **Two orders issued**
- **Inspections – TI 2515/148**



LICENSEE RESPONSE

Summary

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



Contacting the NRC

- **Report a Safety Concern:**
(800) 695-7403 or Allegation@nrc.gov
- **Report an Emergency:**
(301) 816-5100 (collect)
- **General Information or questions:**
www.nrc.gov
Select “What we do” for Public Affairs



Contacts for Additional Information

- **Regional Public Affairs Officer**
 - **Victor Dricks**
 - **Phone: (817) 860 – 8128**

- **State Liason Officer**
 - **William (Bill) Maier**
 - **Phone: (817) 860 - 8267**

