



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

April 9, 2004

Jeffrey S. Forbes
Site Vice President
Arkansas Nuclear One
Entergy Operations, Inc.
1448 S.R. 333
Russellville AR. 72801-0967

SUBJECT: MEETING SUMMARY FOR END-OF-CYCLE PERFORMANCE ASSESSMENT

Dear Mr. Forbes:

This refers to the end-of-cycle performance assessment meeting conducted at the Holiday Inn, Russellville Arkansas, on March 30, 2004. Topics discussed during the meeting included the Reactor Oversight Process and the safety performance at Arkansas Nuclear One (See ADAMS # ML040631065). The meeting attendance list and a copy of the slides presented during the meeting are included as Enclosures 1 and 2.

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 and its enclosure will be available electronically for public inspection in the NRC's 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,

Troy Pruett, Chief
Project Branch D
Division of Reactor Projects

Dockets: 50-313
50-368
Licenses: DPR-51
NPF-6

Enclosures:
1. Attendance List
2. Meeting slides

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cc with enclosures:

Bernard Bevill
Radiation Control Team Leader
Division of Radiation Control and
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The Honorable Bill Elsken
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The Honorable Billy Helms
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The Honorable Carolyn McGee
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The Honorable Johnny Waldo
Mayor of Dover
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The Honorable Jerry Don Barrett
Mayor of Atkins
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The Honorable Raye Turner
Mayor of Russellville
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The Honorable Edwin Price
Mayor of London
P.O. Box 130
London, AR 72847

The Honorable Stewart Nelson
Mayor of Morrilton
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The Honorable Jimmy L. Witt
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The Honorable Jimmy Hart
Judge of Conway County
117 South Moose, Room 203
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The Honorable Mike Jacobs
Judge of Johnson County
P.O. Box 278
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The Honorable Edgar Holt
Judge of Logan County
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The Honorable Jim Ed Gibson
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Electronic distribution by RIV:
 Regional Administrator (**BSM1**)
 DRP Director (**ATH**)
 DRS Director (**DDC**)
 Senior Resident Inspector (**RWD**)
 Branch Chief, DRP/D (**JAC**)
 Senior Project Engineer, DRP/D (**NLS**)
 Staff Chief, DRP/TSS (**PHH**)
 RITS Coordinator (**KEG**)
 Rebecca Tadesse, OEDO RIV Coordinator (**RXT**)
 ANO Site Secretary (**VLH**)

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

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RIV SPE DRP/D	C: DRP/D			
JAClark	TWPruett			
<i>[Signature]</i>	<i>[Signature]</i>			
4/8/04	4/9/04			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

Enclosure 1

**Arkansas Nuclear One - End of Cycle Meeting
Attendance List
March 30, 2004 (7:00 p.m.)**

NAME	Organization / Public
Tom Kamerling	River Valley Radio (KCJC)
Chris Meyer	AR Dept. of Health
Tim Mitchell	Entergy
Dewey Traylor	Pope County Emergency Management
Jeff Clark	NRC
Rick Deese	NRC
John Dixon	NRC
Ed Crowe	NRC
Jeff Forbes	Entergy
Stephenie Pyle	Entergy
Fred Taylor	Johnson County Office of Emergency Management
Cliff Eubanks	Entergy
David Maxwell	Arkansas Department of Emergency Management
Joe Kowalewski	Entergy
Bernie Bevill	AR Dept. of Health
Phillip Fisher	Entergy

Arkansas Nuclear One Annual Assessment Meeting

Reactor Oversight Program - CY 2003



Nuclear Regulatory Commission - Region IV

Russellville, AR

March 30, 2004

Meeting Agenda

- Introduction
- Overview of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of Plant Performance Results
- Licensee response and remarks
- NRC closing remarks
- NRC available to address public questions

NRC Representatives

- Art Howell, (817) 860-8248
Director, Division Reactor Projects
- Mark Satorius, (817) 860-8291
Deputy Division Director, DRP
- Jeffrey Clark, (817) 860-8166
Branch Chief
- Richard Deese, (479) 968-3290
Senior Resident Inspector
- Ed Crowe, (479) 968-3290
Resident Inspector
- John Dixon, (479) 968-3290
Resident Inspector
- Tom Alexion, (301) 415-1326
Project Manager, NRR

Region IV Organization

Dr. Bruce Mallett
Regional Administrator

Pat Gwynn
Deputy Regional Administrator

Art Howell
Director Division of Reactor Projects

Mark Satorius
Deputy Director

Jeffrey Clark
Branch Chief

Arkansas Nuclear One
Resident Inspectors
Richard Deese
Ed Crowe
John Dixon

Project Engineers
Nancy Salgado
David Dumbacher

Dwight Chamberlain
Director Division of Reactor Safety

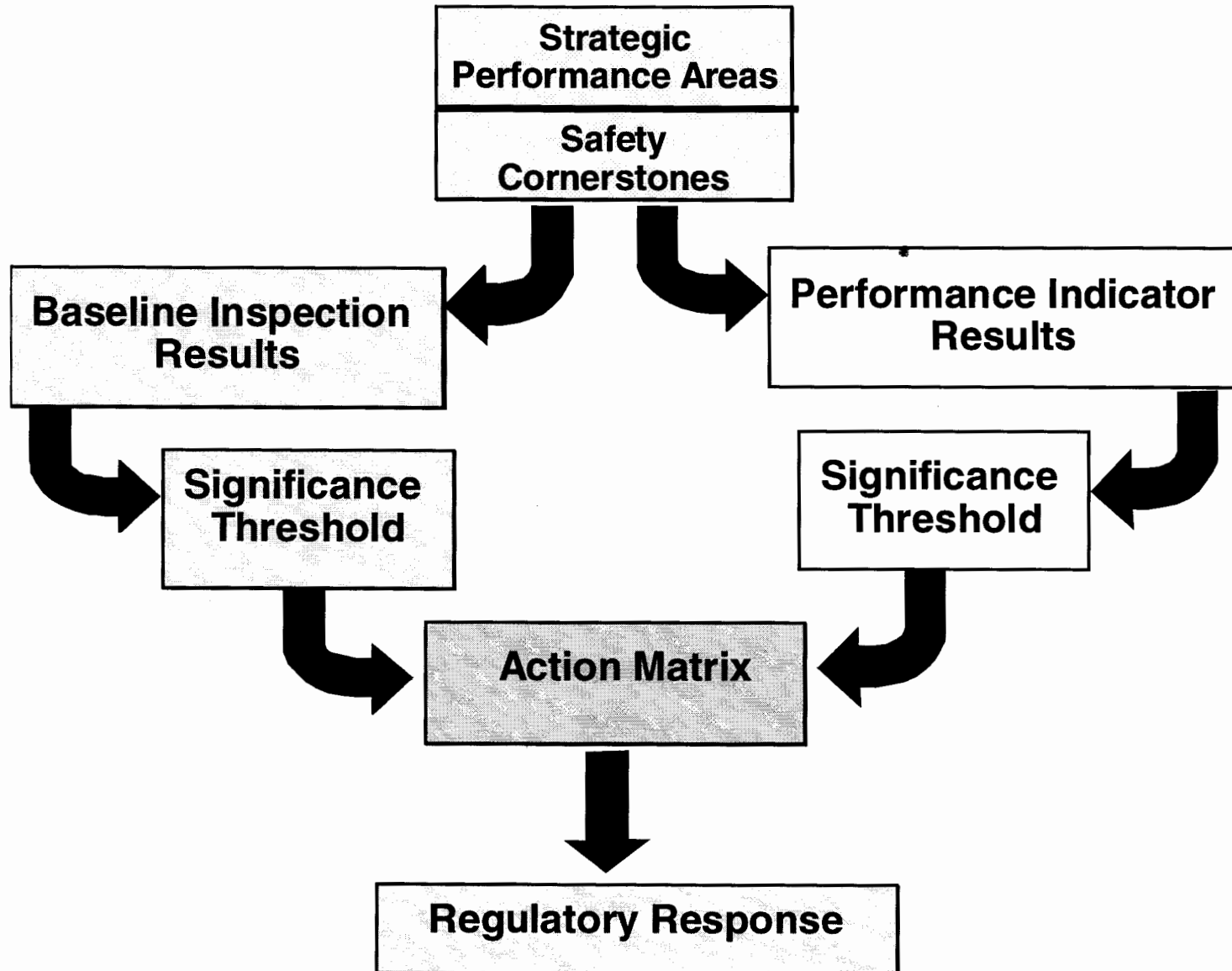
Gail Good
Deputy Director

Regional Specialists

NRC Performance Goals

- **Maintain safety and protect the environment**
- **Enhance public confidence**
- **Improve effectiveness, efficiency, and realism of processes and decision making**
- **Reduce unnecessary regulatory burden**

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
- Radiation Release Controls ~100 hrs every 2 yrs
- Worker Radiation Protection ~100 hrs/yr
- Problem Identification and Resolution (PI&R) ~200 hrs every 2 yrs
- PI&R Case Reviews ~60 hrs/yr

Significance Threshold

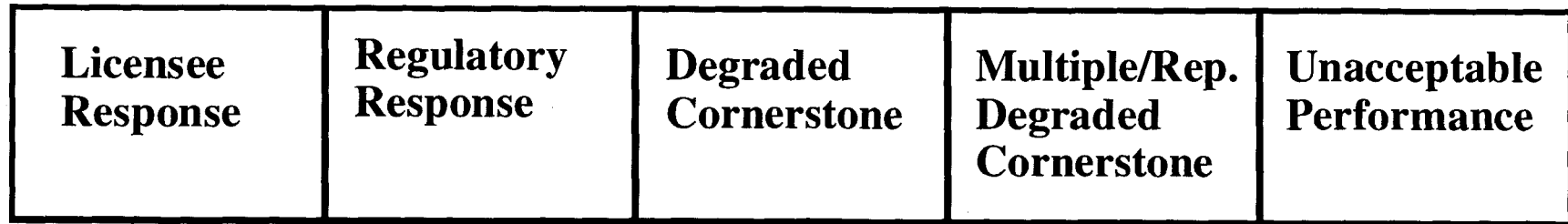
Performance Indicators

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 significance
White:	Low to moderate safety significance
Yellow:	Substantial safety significance
Red:	High safety significance

Action Matrix Concept



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

Focus 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
- Licensee may respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance

National Summary of Plant Performance

Status at End of CY 2003

Licensee Response Column	75
Regulatory Response Column	22
Degraded Cornerstone Column	2
Multiple/Repetitive Degraded Cornerstones	3
Unacceptable	0
<hr/>	
Total	102*

*Davis-Besse was in IMC 0350 process

National Summary

● Performance Indicator Results (end of CY 2003)

- Green 1825
- White 15
- Yellow 0
- Red 0

● Total Inspection Findings (throughout CY 2003)

- Green 748
- White 9
- Yellow 2
- Red 1

ANO Assessment Results

(Jan 1 - Dec 31, 2003)

- ANO remained in the Licensee Response Column
- There were no greater than Green findings
- No Performance Indicators were greater than Green

ANO Inspection Activities

(Jan 1 - Dec 31, 2003)

- The resident inspectors and visiting inspectors from other branches combined to perform 4457 hours of inspection during the year 2003. This included activities involving both units. It also included the autumn Problem Identification & Resolution (PI&R) inspection.
- New resident staff assignments in 2003; Ed Crowe, John Dixon, and senior resident Rick Deese
- For the year the plant had only very low safety significance findings

ANO Inspection Activities

(Jan 1 - Dec 31, 2003)

- Major team inspections this year included the PI&R Inspection and Engineering Design Inspection
- Inspections included normal operation, follow up to emergent issues, and outage inspections

ANO

Annual Assessment Summary

(Jan 1 - Dec 31, 2003)

- Entergy Operations, Inc. operated ANO Units 1 & 2 in a manner that preserved public health and safety
- All cornerstone safety objectives were met
- NRC plans baseline inspections at ANO for the remainder of the assessment period
- Scheduled for spring and summer is the Unit 2 License Renewal Inspection
- Unit 1 Reactor Vessel Head replacement inspection activities are expected over the next 12 months

Licensee Response and Remarks

Jeffrey S. Forbes
Vice President Operations
Arkansas Nuclear One
Entergy Operations, Inc.

Contacting the NRC

- Report an emergency
 - (301) 816-5100 (call collect)
- Report a safety concern:
 - (800) 695-7403
 - email - Allegation@nrc.gov
- General information or questions
 - <http://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

- (800) 397-4209 (Toll Free)