



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

JUL 18 2000

Jerry Yelverton, Chief Executive Officer
Entergy Operations, Inc.
P.O. Box 31995
Jackson, Mississippi 39286-1995

SUBJECT: NRC/ENTERGY OPERATIONS, INC. MANAGEMENT MEETING

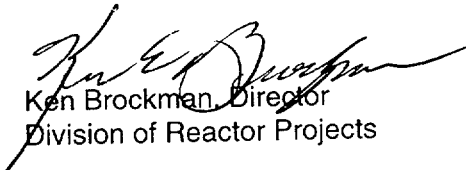
Dear Mr. Yelverton:

This refers to our meeting conducted at your Echelon One Auditorium in Jackson, MS on June 21, 2000. At this meeting NRC and your management staff discussed the individual performance of your facilities over the past year. In addition, we discussed our perspectives of your performance including issues specific to the Office of Nuclear Reactor Regulation and Region IV.

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,


Ken Brockman, Director
Division of Reactor Projects

Docket Nos:
ANO: 50-313; 50-368
GG: 50-416
RBS: 50-458
WAT: 50-382

License Nos.:
ANO: DPR-51; NPF-6
GG: NPF-29
RBS: NPF-47
WAT: NPF-38

Entergy Operations, Inc.

-2-

Enclosures:

1. Attendance List
2. Licensee Presentation
3. Region IV Presentation

cc:

William A. Eaton, Vice President
Operations - Grand Gulf Nuclear Station
Entergy Operations, Inc.
P.O. Box 756
Port Gibson, Mississippi 39150

Randal K. Edington, Vice President - Operations
River Bend Station
Entergy Operations, Inc.
P.O. Box 220
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Charles M. Dugger, Vice President
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& Chief Operating Officer
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-3-

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President, District 1
Claiborne County Board of Supervisors
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General Manager
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The Honorable Richard Ieyoub
Attorney General
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State of Louisiana
P.O. Box 94005
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Entergy Operations, Inc.

-4-

Office of the Governor
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Jackson, Mississippi 39201

Mike Moore, Attorney General
Frank Spencer, Asst. Attorney General
State of Mississippi
P.O. Box 22947
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Dr. F. E. Thompson, Jr.
State Health Officer
State Board of Health
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Robert W. Goff, Program Director
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and Regulatory Affairs
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Director - Nuclear Safety
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Entergy Operations, Inc.

-5-

Manager - Licensing
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West Feliciana Parish Police Jury
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and State Liaison Officer
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Manager - Licensing Manager
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Chairman
Louisiana Public Service Commission
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-6-

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Parish President
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ENCLOSURE 1
ATTENDANCE LIST

**NRC/EOI
SENIOR MANAGEMENT MEETING**

June 21, 2000
7:30 a.m. - 2:30 p.m.
Echelon One Auditorium; Jackson, MS

ATTENDANCE LIST

ENTERGY OPERATIONS, INC.

Jerry Yelverton, EOI CEO

John McGaha, EOI President

Gary Taylor, EOI COO

Bill Eaton, VP, Operations, GGNS

Randy Edington, VP, Operations, RBS

Craig Anderson, VP, Operations, ANO

Larry Dale, VP, Operations Support (acting)

Randy Hutchinson, SR VP, ENI

Fred Titus, VP, Engineering

Bill Campbell, VP, Engineering

Joe Blount, General Attorney – Generation

Early Ewing, General Manager, W-3

Dwight Mims, General Manager, RBS

Joe Venable, General Manager, GGNS

Greg Pierce, Director, Oversight, Corporate

Bob Heublein, Manager, Corporate Assmts.

Mike Krupa, Director, NS&L, Corporate

Everett (Chip) Perkins, Director, NSA, W-3

Jerry Roberts, Director, NSA, GGNS

Rick King, Director, NSA, RBS

Jimmy Vandergrift, Director, NSA, ANO

Joe Leavines, Manager Licensing, RBS

Mike Brandon, Manager, Licensing, W-3

Drew Bottemiller, Manager, Licensing, GGNS

Jeanne Kenney, Director, Business Services

Adrienne Smith, NS&L, Corporate

Les England, NS&L, Corporate

NUCLEAR REGULATORY COMMISSION

Ellis Merschoff, Regional Administrator, Region IV

Jon Johnson, Associate Director Inspection &
Programs, NRR

Ken Brockman, Director, Division of Reactor Projects,
Region IV

Phil Harrell, Branch Chief (D), Region IV, ANO

Bill Johnson, Branch Chief(B), Region IV, RBS

Joe Tapia, Branch Chief(A), Region IV, GGNS

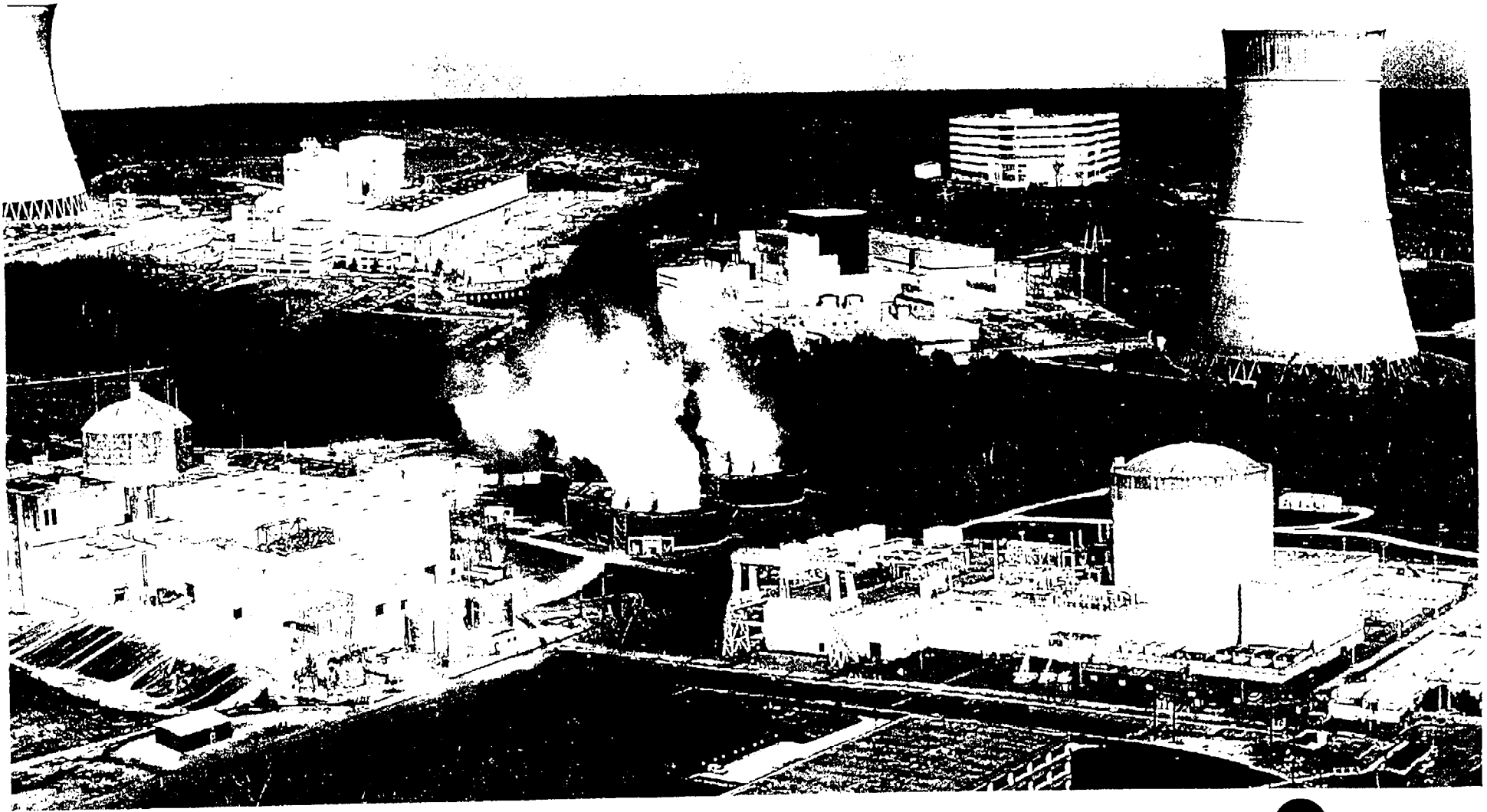
Linda Smith, Branch Chief (E) Region IV, W3

Russell Bywater, Senior Resident, ANO

Peter Alter, Senior Resident, GGNS

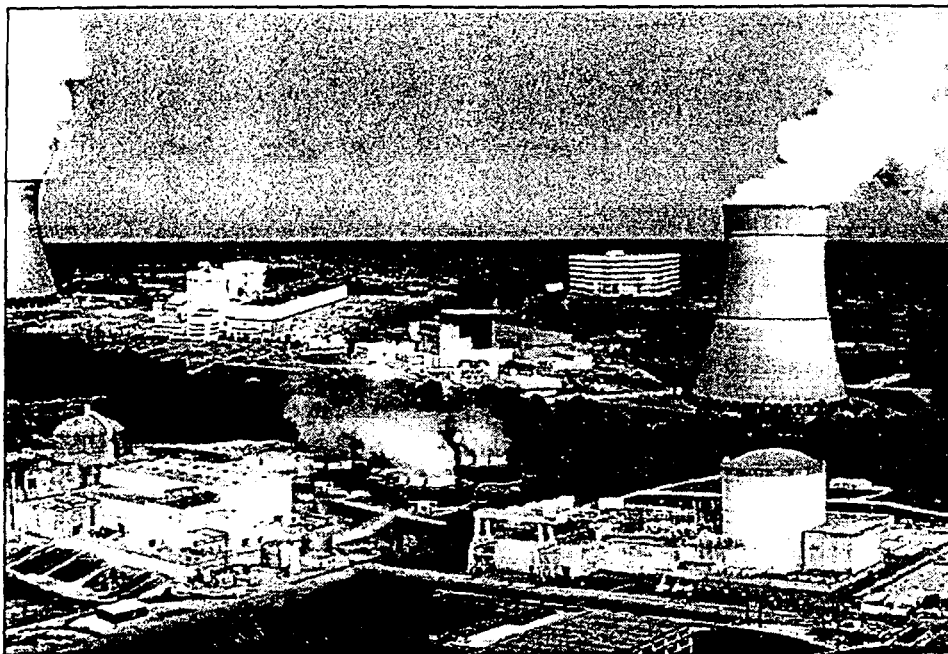
Tom Farnholtz, Senior Resident, W-3

ENCLOSURE 2
LICENSEE PRESENTATION



June 21, 2000 EOI/NRC Senior Management Meeting





June 21, 2000 EOI/NRC Senior Management Meeting



Entergy Operations/NRC Senior Management Meeting

June 21, 2000



MEETING AGENDA
Morning Session

7:00	Early Morning Coffee	
7:30	Welcome & Introductions	Jerry Yelverton
7:35	1999 Review of Plant Performance	Gary Taylor
8:00	NRR Perspectives	Jon Johnson
8:20	Regional Issues	Ellis Merschoff
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MEETING AGENDA
Afternoon Session

1:20	Entergy Business Activities	Randy Hutchinson
1:40	Review of Entergy Oversight	Greg Pierce
2:00	Entergy Renewal Program	John McGaha
2:20	Closing Remarks/Adjourn	Entergy/NRC



Welcome and Introductions

Jerry Yelverton
Chief Executive Officer



Goals for Today's Meeting

- ◆ Herald our successes
- ◆ Recognize our challenges
- ◆ Discuss our initiatives
- ◆ Understand each others points of view
- ◆ Look into the future
- ◆ Dialogue



Executive Management Team



**MEETING AGENDA
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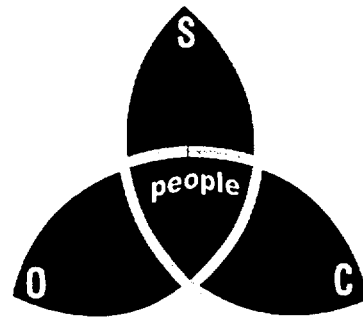
**1999 REVIEW OF
PLANT PERFORMANCE**

Gary Taylor
Senior Vice President &
Chief Operating Officer - EOI



Four Nuclear Cornerstones:

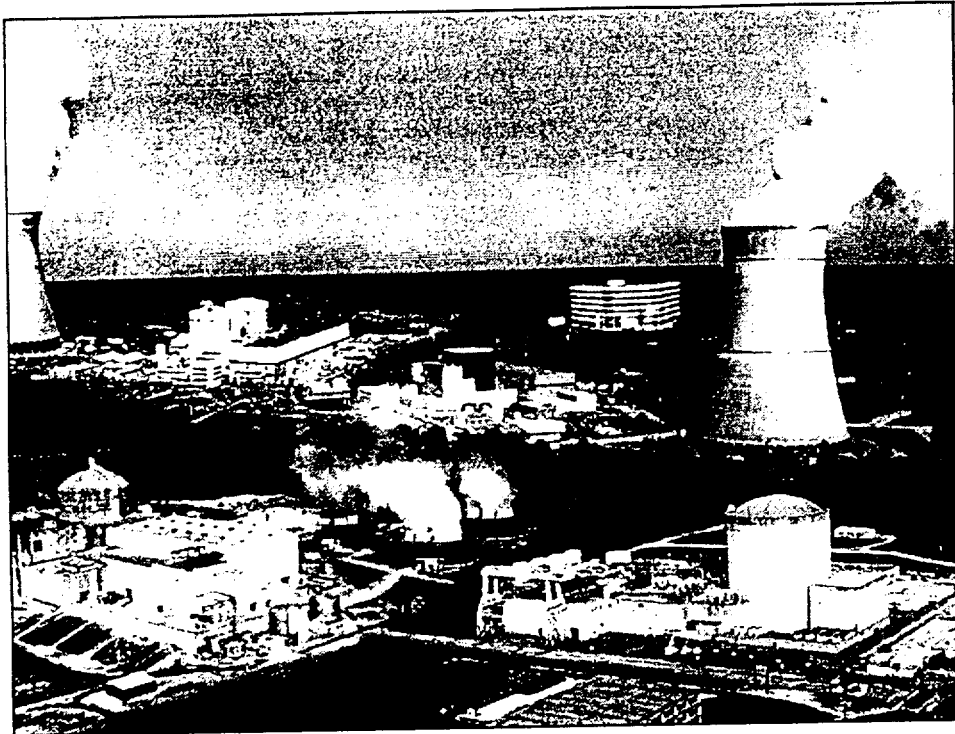
- ◆ Safety
- ◆ Operation
- ◆ Cost
- ◆ People



EOI Overview

- ◆ EOI philosophy is to operate as a virtual 5-Unit site
 - Top Decile Performance
 - leverage size and resources
 - standardize processes
 - attract and retain top nuclear talent
 - improve competitiveness of sites





1999 Company Highlights

- ◆ ANO Best Ever Year
 - Set World record refuel outage duration for B&W reactor
- ◆ Successfully managed River Bend fuel issue
- ◆ Completed the last LP upgrade at Grand Gulf gaining 11 Mwe
- ◆ Renewal

1999 Company Highlights

- ◆ Single QA Program
- ◆ Y2K Rollover
- ◆ Leadership Development



1999 Company Highlights

- ◆ Reactor Oversight Process
- ◆ Entergy System Working Relationship
 - EMO
 - Transmission



1999 Operating Challenges

- ◆ Capacity Factor
 - Refuel outages at all units
 - River Bend fuel
 - Grand Gulf MSIVs and CT issues
 - Waterford RCP Baffle
- ◆ Equipment Reliability



1999 Company Challenges

- ◆ Renewal
- ◆ Human Performance
- ◆ Nuclear changing from a Mature Business to a Growth Business



2000 Challenges

- ◆ ANO 2 Steam Generator Replacement
- ◆ River Bend Power Up-rate
- ◆ Bench Strength
- ◆ Transition to Competition
- ◆ Safety System Performance



2000 Performance Focus

- ◆ Five Achievement Anchors
 - Equipment Performance/Reliability - F. Titus
 - Learning Organization - G. Taylor
 - Human Performance - J. McGaha
 - Developing People - C. Anderson
 - Outage Performance - C. Dugger



2000 Safety and Operating Goals

- ◆ SSFF
- ◆ Performance Indicators
(Based on WANO)
- ◆ Man-Rem
- ◆ Industrial Safety Index
- ◆ Capacity Factor
- ◆ Outage Duration



The Challenge to Top Decile



MEETING AGENDA Morning Session

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NRR PERSPECTIVES

Jon Johnson
Associate Director
Inspection & Programs, NRR



EOI / NRC SENIOR MANAGEMENT MEETING

NRR PERSPECTIVES

JON R. JOHNSON

Associate Director for Inspection and Programs

Office of Nuclear Reactor Regulation

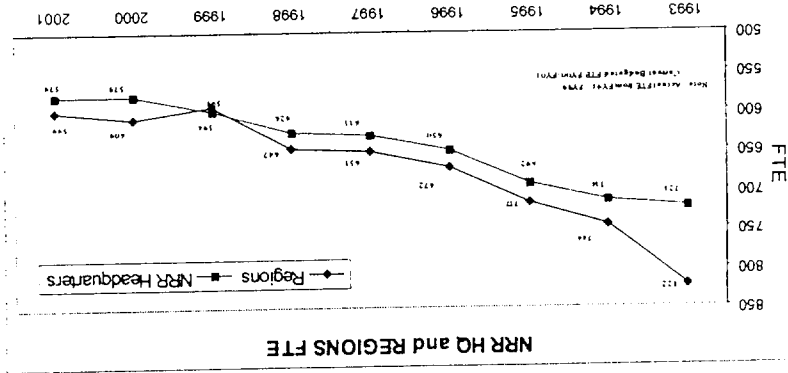
June 21, 2000

Nuclear Regulatory Commission

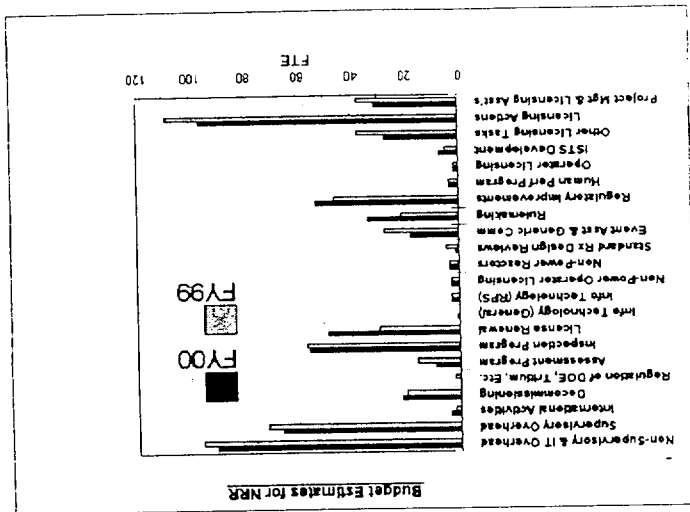
Performance Goals

- Maintain Safety
- Increase Public Confidence
- Reduce Unnecessary Regulatory Burden
- Make NRC Activities and Decisions more Effective, Efficient, and Realistic

Nuclear Regulatory Commission

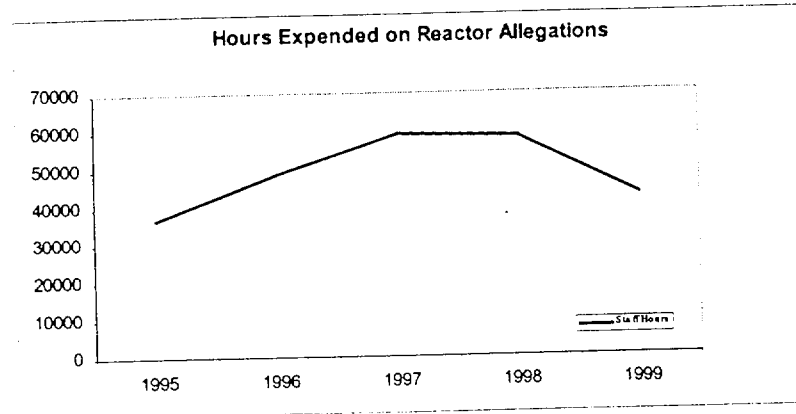


Nuclear Regulatory Commission

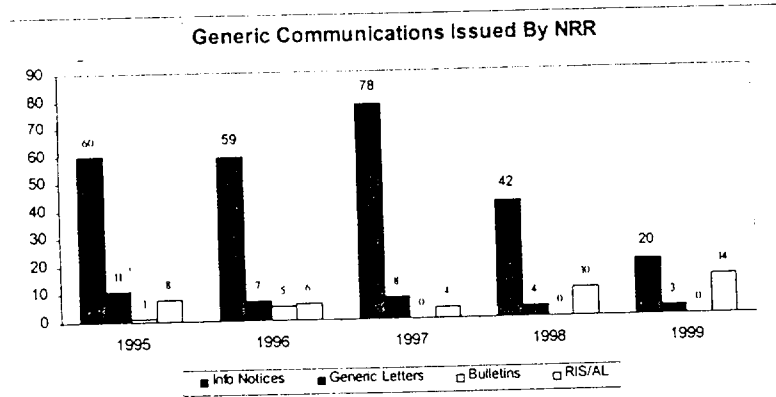


Trends

Increase Public Confidence – Allegation Program



Regulatory Trends



License Renewal

- Calvert Cliffs and Oconee renewed licenses were issued
- ANO-1 and Hatch applications received
- Increasing interest in license renewal
- Continuing development of license renewal implementation guidance

Risk Informing NRC Activities

- Rulemaking Initiatives
 - Maintenance Rule
 - Alternate Source Term
 - Risk Informing Regulations
 - SECY 99-256, Rulemaking Plan for Risk-Informing Special Treatment Requirements
 - SECY 99-264, Proposed Staff Plan for Risk-Informing Technical Requirements in 10 CFR Part 50
 - Decommissioning

Revised Reactor Oversight Process

Inspection and Performance Assessment

- FY 99 performance plan measures met for key inspection and reactor performance assessment areas
- Revised oversight process
 - Program monitoring to ensure consistency
 - Ongoing outreach involvement of NRC staff
 - Significant and frequent stakeholder interactions
 - Initial implementation at all sites started in April 2000
 - Complete assessments of first year of initial implementation

Other Key Initiatives

- Maintenance Rule (50.65)
- Safeguards Regulations (73.55)
- Changes, Tests, & Experiments (50.59)
- Operator Licensing Requirements (Part 55)
- Fitness for Duty (Part 26)
- Event Reporting Requirements (50.72/73)

Industry Consolidation/NRC Oversight

- Commission Direction to Identify Emerging Policy Issues
- Increased Pace of Economic Deregulation and Restructuring
- What Factors Will Affect NRC's Regulatory Processes?

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REGIONAL ISSUES

Ellis Merschoff
Regional Administrator
NRC Region VI



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NRR ISSUES

John Zwolinski
Director
Licensing Project Management, NRR



EOI / NRC SENIOR MANAGEMENT MEETING

NRR Issues

John A. Zwickowski

Director of Licensing Project Management
Office of Nuclear Reactor Regulation

June 21, 2006

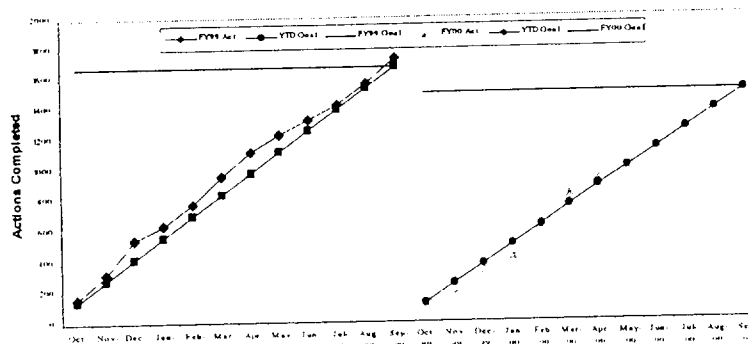
Nuclear Regulatory Commission

Performance Goals

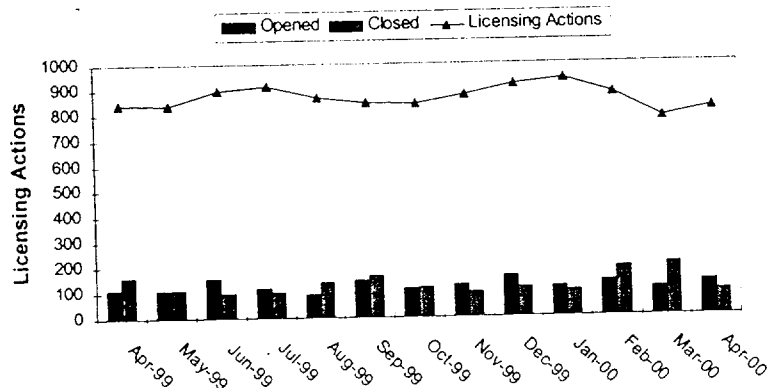
- Maintain Safety
- Increase Public Confidence
- Reduce Unnecessary Regulatory Burden
- Make NRC Activities and Decisions more Effective, Efficient, and Realistic

NRR Performance Goal: Licensing Actions Complete

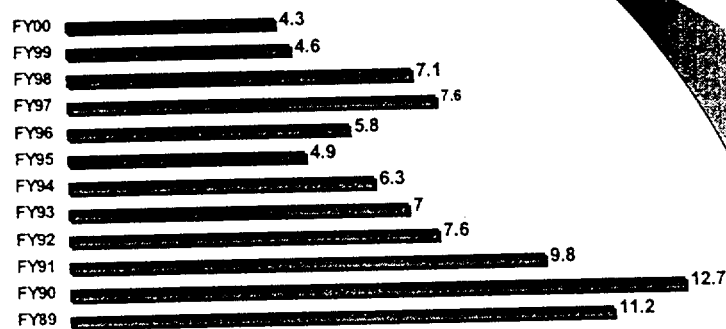
Performance Target: Complete 1500 Actions



NRR Performance Goal: Licensing Action Inventory



Licensing Action Average Age



Observation Regarding Licensing Action Performance

- Inventory reductions in FY99
- Inventory stable through FY00
- Significant reductions in average age
- NRR is evolving to a FIFO concept
- Inventory and average age are important inputs to NRR budgeting process

Observations Regarding Licensing Activity Performance

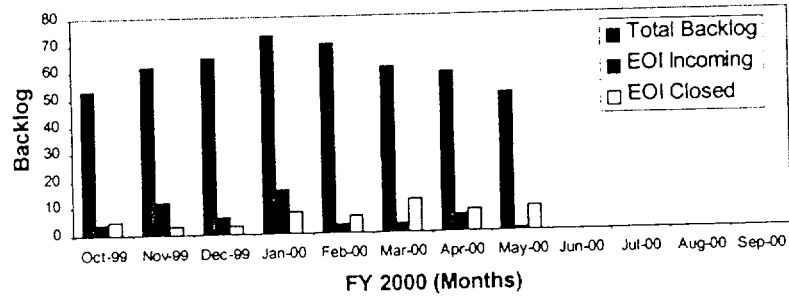
- The NRR staff continues to exceed expectations in the closeout of licensing activities.
- The number of new licensing activities initiated by the NRR staff has declined.

Comparing EOI's Performance

To NRR's Goals

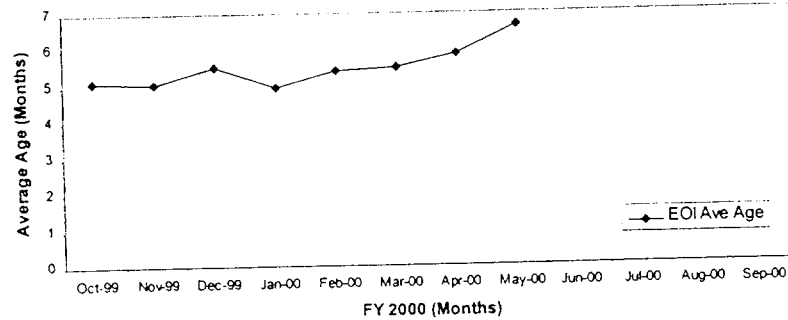
EOI Licensing Action Inventory

EOI Licensing Action Backlog (FY 2000)



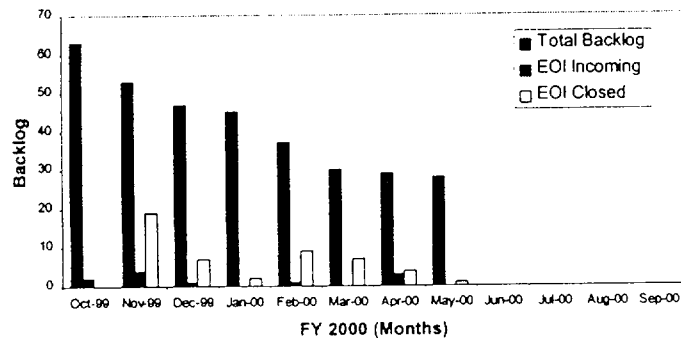
EOI Licensing Action Average Age

EOI Licensing Action Ave Age



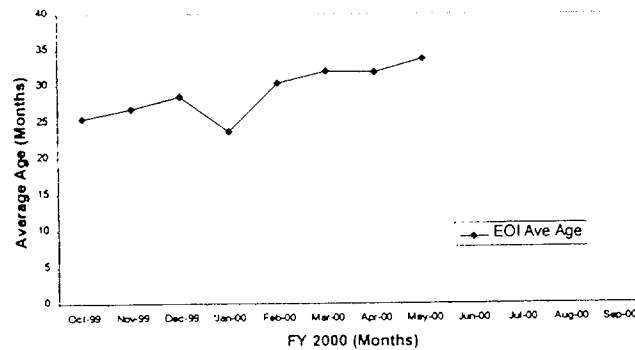
EOI Licensing Activity Inventory

EOI Licensing Activity Inventory (FY 2000)



Licensing Activity Average Age

EOI Licensing Activity Ave Age



Optimizing The Licensing Process

- Formal Pre-Application Discussions
- Improvements in Technical Quality
- The RAI Process is more Interactive
- EOI Responsiveness
- Scheduling / Timing of Applications

NRR Current Events

- Alternate Source Term
- PASS
- TS Line Item Improvements
- ITS
- Work Control Center

EOI / NRC SENIOR MANAGEMENT MEETING

CONCLUSION

John A. Zwolinski
Director, Division of
Licensing Project Management

BREAK!



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ANO Performance

Craig Anderson
Site Vice President, Operations
Phil Harrell
NRC Region VI Branch Chief Section D



1999 Highlights

- ◆ Arkansas Nuclear One
 - Voluntary Protection Program (VPP) recertification
 - Capacity factor - 87.2% with 3 outages
 - Implemented
 - Risk-informed ISI program
 - Work Management System (WMS)
 - New protective tagging system
 - Coaching concept
 - Departmental human performance teams



Current Plant Performance

- ◆ Site capacity factor - 85.24%
- ◆ NRC performance indicators - green
- ◆ ANO-1 maintenance outage
- ◆ Site INPO performance index - 96.25%
- ◆ E-Plan graded exercise - REX 2000



2000 Focus

- ◆ INPO evaluation
- ◆ Operator training reaccreditation
- ◆ Unit 2 SG replacement outage (fall 2000)
- ◆ Unit 1 refueling outage (spring 2001)
- ◆ Dry fuel storage operation continuing
- ◆ Significant NRC interface activities
 - Unit 2 SG replacement - Unit 1 ITS
 - Unit 2 power uprate - Unit 1 license renewal



Unit 2 Refueling Outage

- ◆ Steam generator replacement
- ◆ Power uprate
 - HP/LP turbine work
 - Main generator stator rewind
 - Electrical penetration replacement
 - *Containment Upate*
- ◆ SW/ACW pipe replacement
- ◆ *Magneblast breaker replacement*



Focus Areas

- ◆ Human performance
- ◆ Outage optimization
- ◆ Developing people
- ◆ Equipment performance and reliability
- ◆ Learning organization



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Grand Gulf Performance

Bill Eaton
Site Vice President
Joe Tapia
NRC Region VI Branch Chief Section A



1999 Highlights

- ◆ Completion of organizational alignment
- ◆ Completion of Turbine Rotor replacements
- ◆ Continued improvements in Plant Materiel Condition
- ◆ ALARA program and Dose reduction
- ◆ Personnel Development/Rotation



Current Plant Performance

- ◆ Equipment Reliability
- ◆ INPO Operations Training accreditation
- ◆ Low-level worker practice issues
- ◆ Improving trend of performance



2000 Focus

- ◆ Corrective Action Program
- ◆ Self-Assessment
- ◆ Work Load Management/Backlog Reduction
- ◆ Human Performance
- ◆ Training
- ◆ Reducing unplanned capability losses
- ◆ Outage planning and process improvement



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River Bend Performance

Randy Edington
Site Vice President
Bill Johnson
NRC Region VI Branch Chief Section B



1999 Focus Revisited

- ◆ Fuel Performance / RF-8
- ◆ EOI Renewal
- ◆ Materiel Condition
- ◆ Radiological and Human Performance
- ◆ RF9 Performance



1999 Highlights

- ◆ Material Condition Focus / Improvements
- ◆ Improved Human / Radiological Performance
- ◆ Operational Focus / Knowledge
- ◆ Fuel Issues
- ◆ Site Alignment / Focus



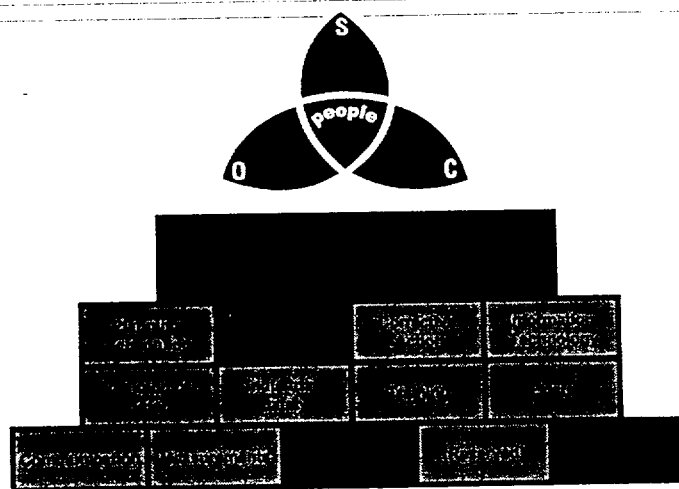
Current Plant Performance

- ◆ Plant Status
- ◆ Plant Chemistry
- ◆ Recent Activities
- ◆ Corrective Action



2000 Focus

- ◆ Site Core Business Emphasis
- ◆ EOI Achievement Anchors
- ◆ Power Uprate
- ◆ INPO Evaluation and Technical Training Programs Accreditation
- ◆ Dry Fuel Storage
- ◆ Material Condition / People



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9:15	ANO Performance	Craig Anderson Phil Harrell, et. al
10:05	Grand Gulf Performance	Bill Eaton Joe Tapia, et. al.
10:55	River Bend Performance	Randy Edington Bill Johnson, et. al.
11:45	Waterford-3 Performance	Early Ewing Linda Smith, et. al.



Waterford 3 Performance

Early Ewing
General Manager, Plant Operations
Linda Smith
NRC Region VI Branch Chief Section E



1999 Highlights

- ◆ Technical Programs Accreditation Renewal
- ◆ Y2K



1999 Challenges

- ◆ Forced Outages
 - June 1999 bus outage - cause unknown
 - August 1999 RCP 2B - Cracked baffle
 - Sept. 1999 RCP 2B - Cracked baffle
 - Nov. 1999 RCS divert event/steam line leak
 - March 2000 charging line unisolable leak
- ◆ Equipment Reliability
- ◆ Security



2000 Focus

- ◆ Achievement Anchors
- ◆ 2000 Planned Condenser Outage
- ◆ Security
- ◆ Improving work control and execution



RF-10

- ◆ S/G High Temp Chemical Cleaning
- ◆ RCS Nozzle Repairs
- ◆ RCP 2B Gasket Replacement
- ◆ Replacement MS-401A(B)
- ◆ Replacement SUPS A
- ◆ Upgrade Polar Crane



LUNCH TIME



MEETING AGENDA Afternoon Session

1:20	<i>Entergy Business Activities</i>	<i>Randy Hutchinson</i>
1:40	Review of Entergy Oversight	Greg Pierce
2:00	Entergy Renewal Program	John McGaha
2:20	Closing Remarks/Adjourn	Entergy/NRC



Entergy Business Activities

Randy Hutchinson
Senior Vice President, ENI



MEETING AGENDA Afternoon Session

1:20	<i>Entergy Business Activities</i>	<i>Randy Hutchinson</i>
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Review of Entergy Oversight

Greg Pierce
Director, Oversight



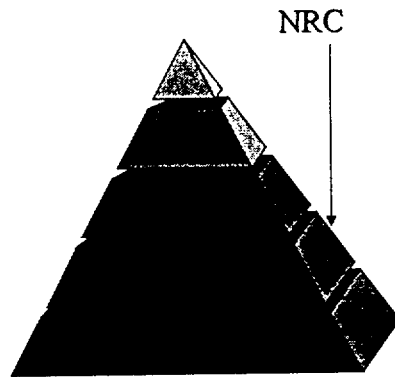
Background

- ◆ Effective organizations seek improvement
- ◆ Need driven from within
- ◆ Self-assessment:
 - identifies and implements change
 - contributes plant operation
 - encourages self-evaluation of performance
- ◆ Effective self-assessments:
 - reinforce questioning attitude
 - promote accountability



Levels of Assessments

- Entergy Nuclear Committee
- Offsite Oversight Committee
- Site Oversight Committees
- Quality Assurance/Corporate Assessments
- Plant Assessments/Dept. Self-Assessments/ Industry Peers and Others



Assessment Types

- ◆ Corporate Assessments
- ◆ Manager Assessments
- ◆ Departmental Assessments
- ◆ Corrective Action Assessments



Examples of Assessment Results

- ◆ Maintenance & Work Management Assessment at GGNS
- ◆ Emergency Planning at ANO
- ◆ Human Performance at ANO
- ◆ Operations at Pilgrim



Examples of Assessment Results

- ◆ RP Assessment at RBS
- ◆ Follow-up at ANO confirmed progress
- ◆ RBS and Pilgrim Executive Reviews



Additional Benefits

- ◆ Corporate Assessment team members have gone on to fill key management positions
- ◆ Review of 1999 data provided one key input to the Executive Leadership team in formulating the current five Achievement Anchors



MEETING AGENDA Afternoon Session

1:20	<i>Entergy Business Activities</i>	<i>Randy Hutchinson</i>
1:40	Review of Entergy Oversight	Greg Pierce
2:00	<i>Entergy Renewal Program</i>	<i>John McGaha</i>
2:20	Closing Remarks/Adjourn	Entergy/NRC



Entergy Renewal

John McGaha
President, EOI



Entergy Renewal

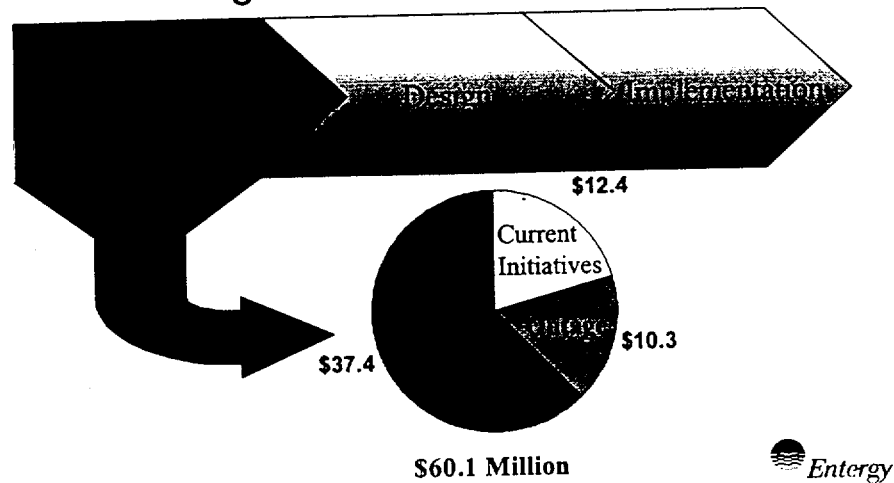
Background

- ◆ Major Change Initiative
- ◆ Began Fall 1998
- ◆ Complete June 2000



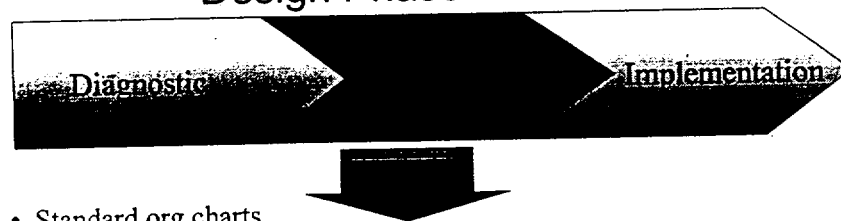
Entergy Renewal

Diagnostic Phase Results



Entergy Renewal

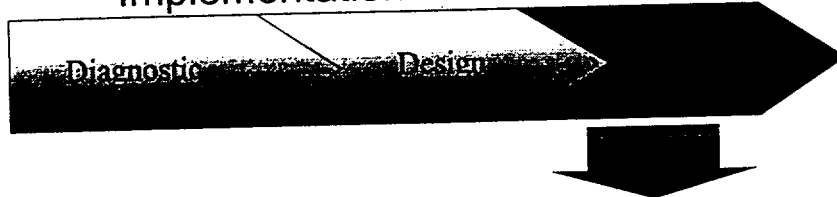
Design Phase Results



- Standard org charts
- Standard approach for outage planning and execution
- Standard process for approval and control of mods and projects
- Targeted staffing levels by department (in-house and contractor)
- VSP groupings and roll-out
- Barriers/enablers, implementation plan, process and DOR changes
- Potential cost savings increased to \$77 million

Entergy Renewal

Implementation Phase Results

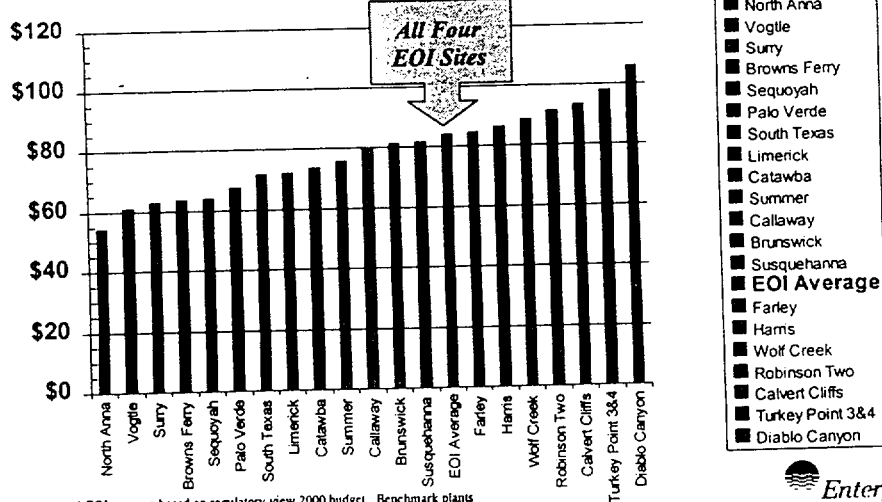


- New organization put in place
- Functions consolidated and standardized
- Processes improved
- No increase in employee concerns
- Barriers to future improvements removed
- Staff reduced (voluntary program)
- \$77 million saved annually



Cost Performance (Post Renewal) EOI Standing Among Industry Best

Non-Fuel O&M Spending/KW Installed (MDC)*



Entergy Renewal

Insights From Renewal Assessments

- ◆ Reduce low value work
- ◆ Credibility of newly implemented corporate support functions
- ◆ Revisit security
- ◆ Process to standardize procedures
- ◆ Training standardization and "virtual centralization" - acceleration



Entergy Renewal

Summary

- ◆ Major change - good change management
- ◆ Successful
- ◆ Transition from big "R" to little "r" renewal
- ◆ Ground work to improve safety and performance for multiple units



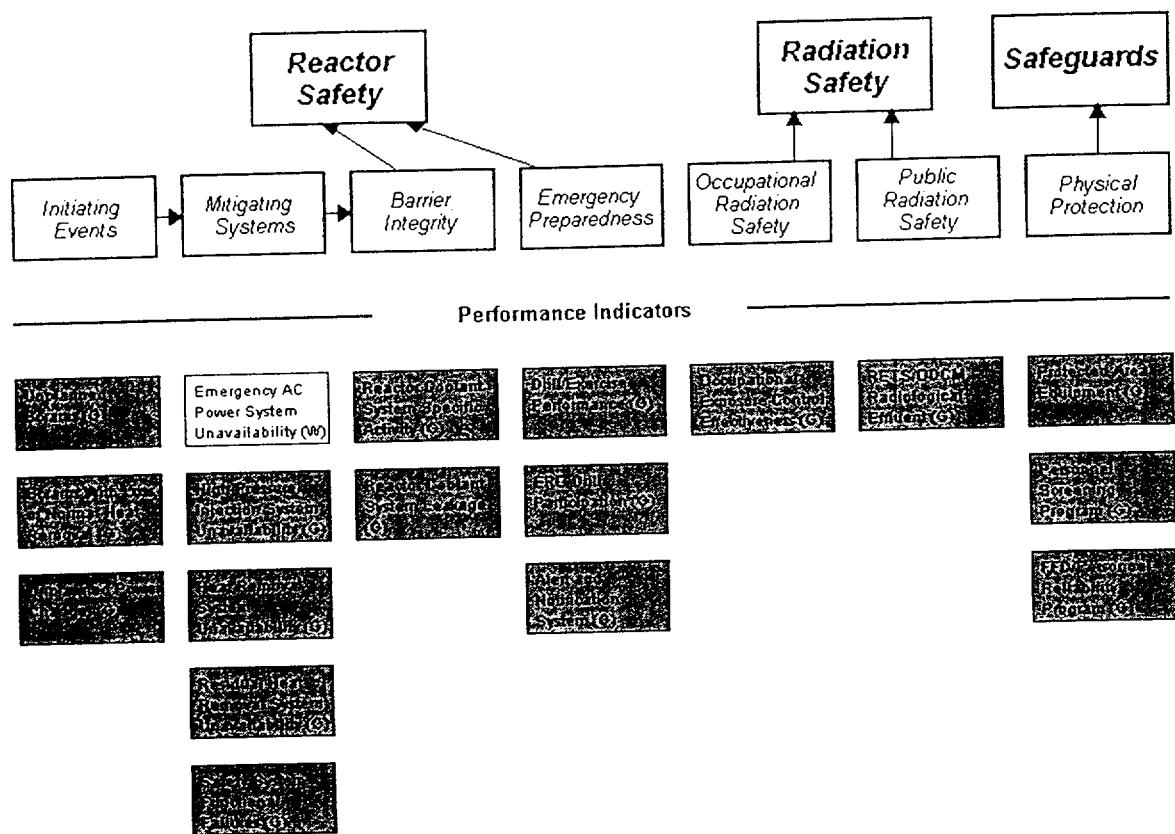
MEETING AGENDA
Afternoon Session

1:20	Entergy Business Activities	Randy Hutchinson
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ENCLOSURE 3
REGION IV PRESENTATION

Grand Gulf 1 1Q/2000 Performance Summary



Legend:

R = Red

Y = Yellow

W = White

G = Green

T = Thresholds under development

I = Insufficient data to calculate PI

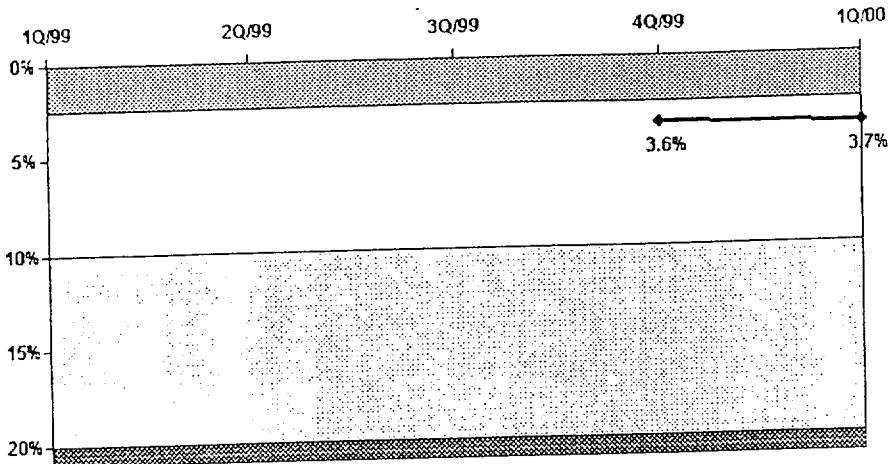
N = Not applicable

U = Unique design

Assessment Letter:PPR 2000**Inspection Plan**

Note: Inspection findings will be posted when available.




Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	95.10	25.05	0	0	37.61
Unplanned unavailable hours	0	0.17	31.66	0	0
Fault exposure hours	0	0	323.95	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	43.80	38.60	0	0	49.58
Unplanned unavailable hours	0	44.60	17.30	4.10	0
Fault exposure hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	26.30	1.25	59.78	0	39.97
Unplanned unavailable hours	0	0	205.70	0	0
Fault exposure hours	0	0	1444.80	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				3.6%	3.7%

Licensee Comments: None

	<i>Initiating Events</i>	<i>Mitigating Systems</i>	<i>Barrier Integrity</i>	<i>Emergency Preparedness</i>	<i>Occupational Radiation Safety</i>	<i>Public Radiation Safety</i>	<i>Physical Protection</i>
	Most Significant Inspection Findings						
1Q/2000	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter
4Q/1999	No findings this quarter		No findings this quarter	Findings without color designation		No findings this quarter	No findings this quarter
3Q/1999	No findings this quarter	No findings this quarter	No findings this quarter	No findings this quarter		No findings this quarter	No findings this quarter

[Click here for
Miscellaneous findings](#)

Additional Inspection & Assessment Information

Assessment Letters:

- 1Q/2000
- 4Q/1999
- 3Q/1999

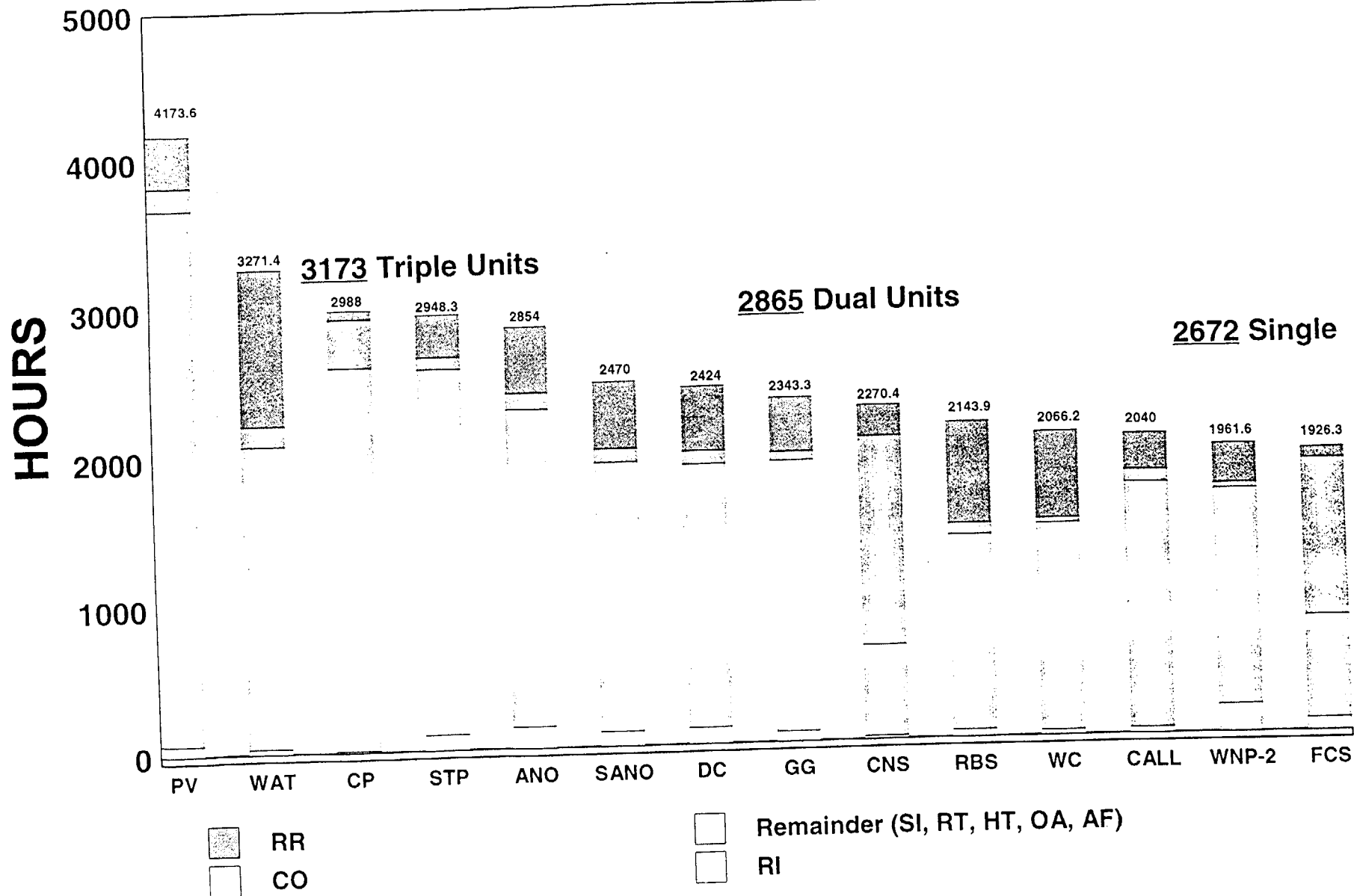
Inspection Plans

Inspection Reports

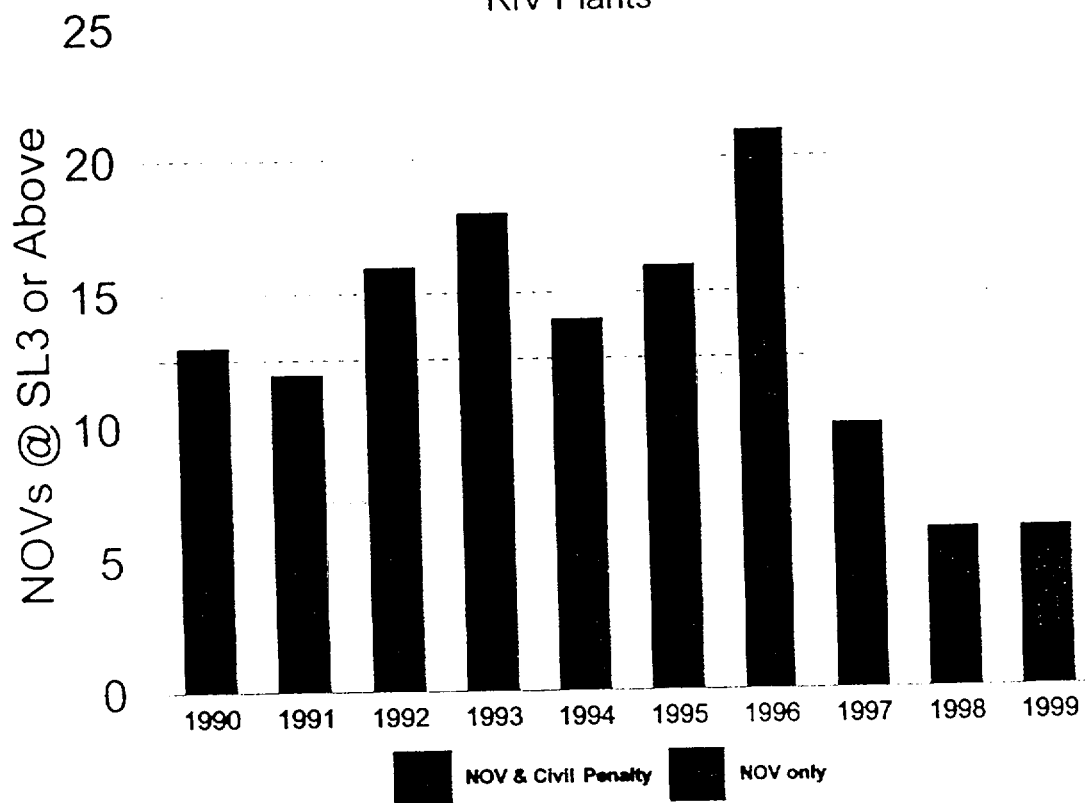
RIV ANNUAL HOUR EXPENDITURE

TOTAL HOURS

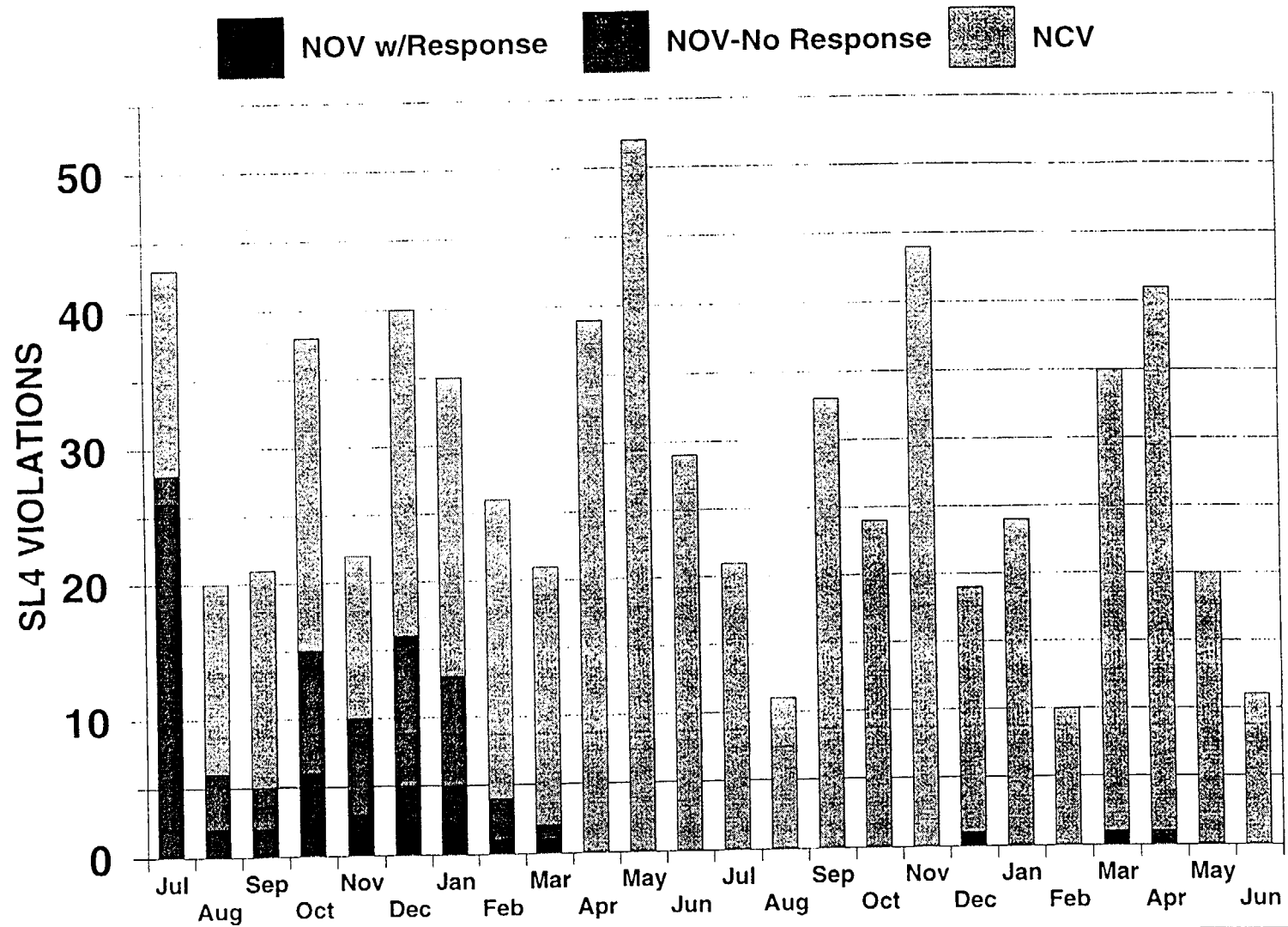
DATA FROM 01/01/99 TO 12/31/99



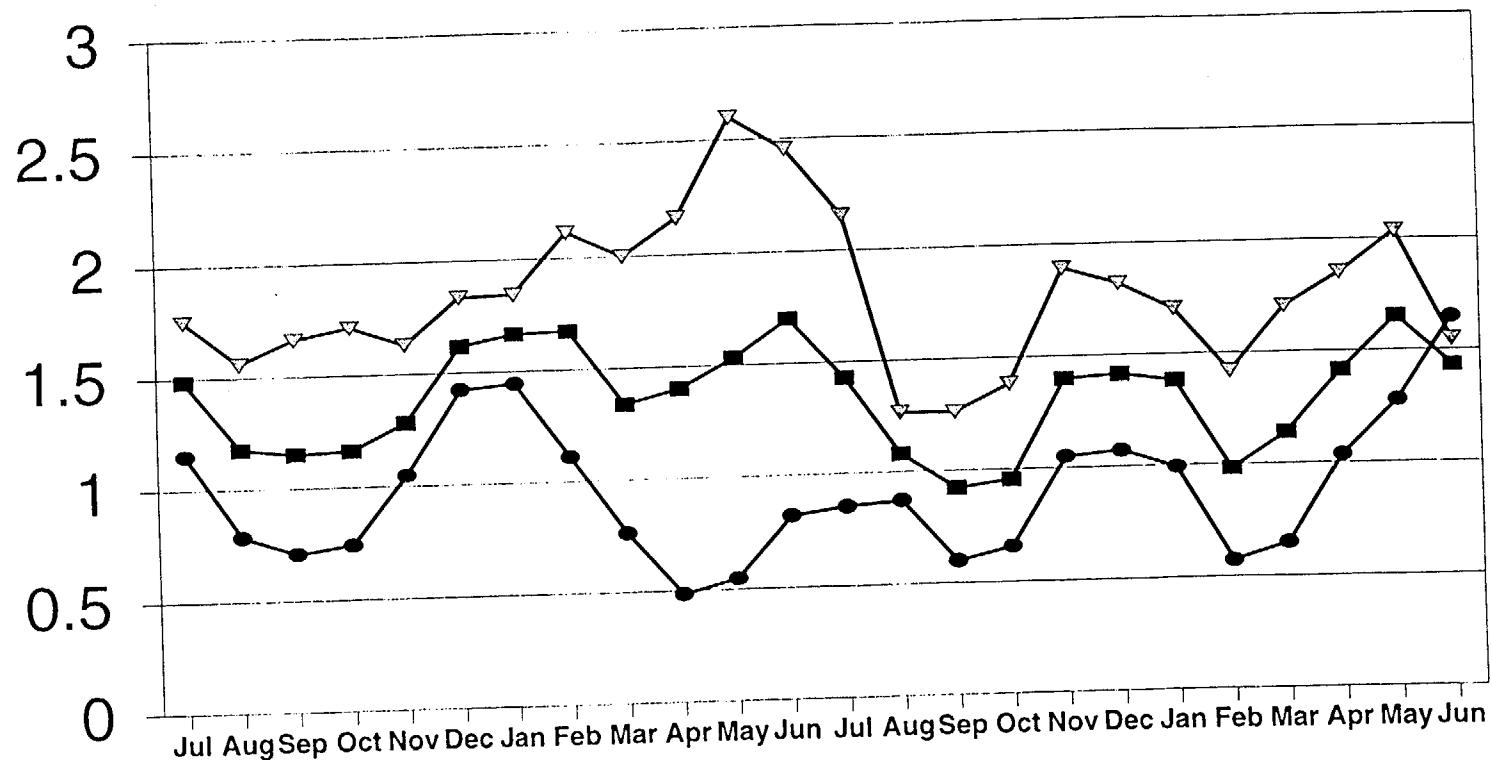
Escalated Enforcement Actions RIV Plants



REGION IV REACTORS **SL4/GREEN VIOS. PER MONTH**



REGION IV - SLIV/GREEN VIOS. per IR *(3-month moving avg.)*



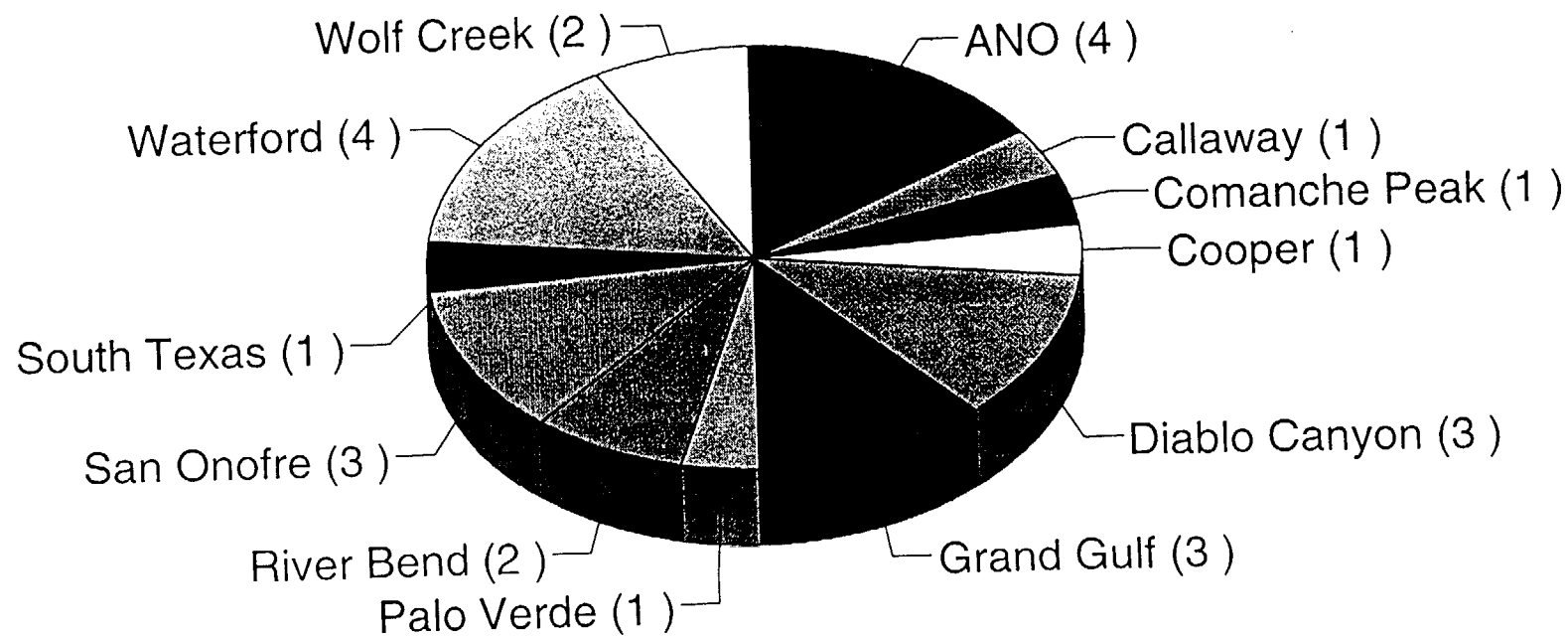
—▽— DRP —●— DRS —■— RIV

ACTION MATRIX

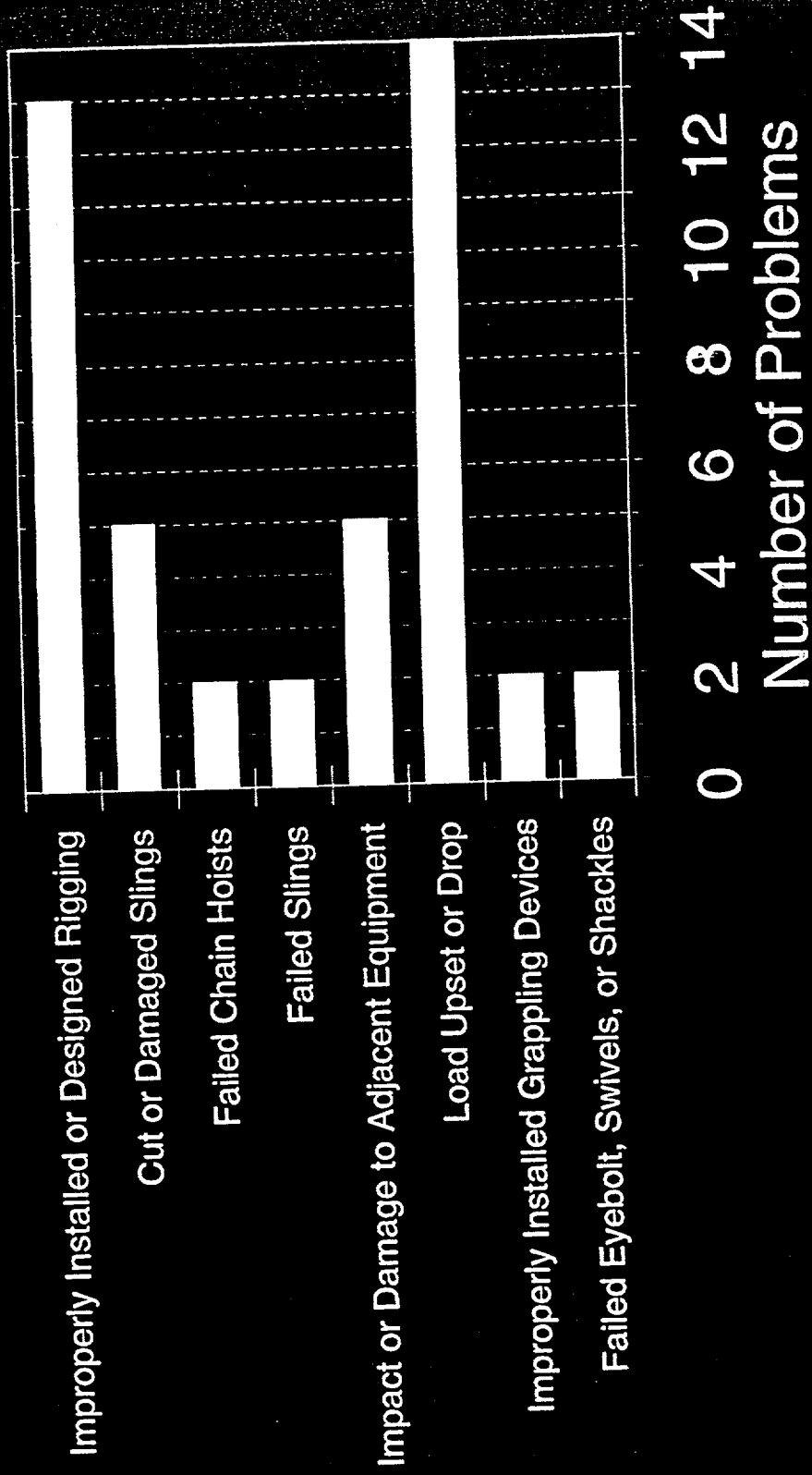
LICENSEE PERFORMANCE INCREASING SAFETY SIGNIFICANCE ----->						
RESULTS		All Assessment Inputs (Performance Indicators (PIs) and Inspection Findings) Green; Cornerstone Objectives Fully Met	One or Two White Inputs (in different cornerstones) in a Strategic Performance Area; Cornerstone Objectives Fully 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 Minimal Reduction in Safety Margin	Repetitive Degraded Cornerstone, Multiple Degraded Cornerstones, Multiple Yellow Inputs, or 1 Red Input ¹ ; Cornerstone Objectives Met with Longstanding Issues or Significant Reduction in Safety Margin	Overall Unacceptable Performance; Plants Not Permitted to Operate Within this Band, Unacceptable Margin to Safety
RESPONSE	Regulatory Conference	Routine Senior Resident Inspector (SRI) Interaction	Branch Chief (BC) or Division Director (DD) Meet with Licensee	DD or Regional Administrator (RA) Meet with Licensee	EDO (or Commission) Meet with Senior Licensee Management	Commission meeting with Senior Licensee Management
	Licensee Action	Licensee Corrective Action	Licensee Corrective Action with NRC Oversight	Licensee Self Assessment with NRC Oversight	Licensee Performance Improvement Plan with NRC Oversight	
	NRC Inspection	Risk-Informed Baseline Inspection Program (Baseline)	Baseline and Inspection Follow-up	Baseline and Inspection Focused on Cause of Degradation	Baseline and Team Inspection Focused on Cause of Degradation	
	Regulatory Actions	None	Document Response to Degrading Area in Inspection Report	Docket Response to Degrading Condition	-10 CFR 2.204 DFI -10 CFR 50.54(f) Letter - CAL/C order	Order to Modify, Suspend, or Revoke Licensed Activities
COMMUNICATION	Assessment Report	DD review/sign assessment report (w/ inspection plan)	DD review/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w/ inspection plan)	RA review/sign assessment report (w/ inspection plan) Commission Informed	
	Public Assessment Meeting	SRI or BC Meet with Licensee	BC or DD Meet with Licensee	RA Discuss Performance with Licensee	EDO (or Commission) Discuss Performance with Senior Licensee Management	Commission Meeting with Senior Licensee Management
<----- Regional Review Agency Review ----->						

¹ It is expected that in a few limited situations an inspection finding of this significance will be identified that is not indicative of overall licensee performance. The staff will consider treating these inspection findings as exceptions for the purpose of determining appropriate actions.

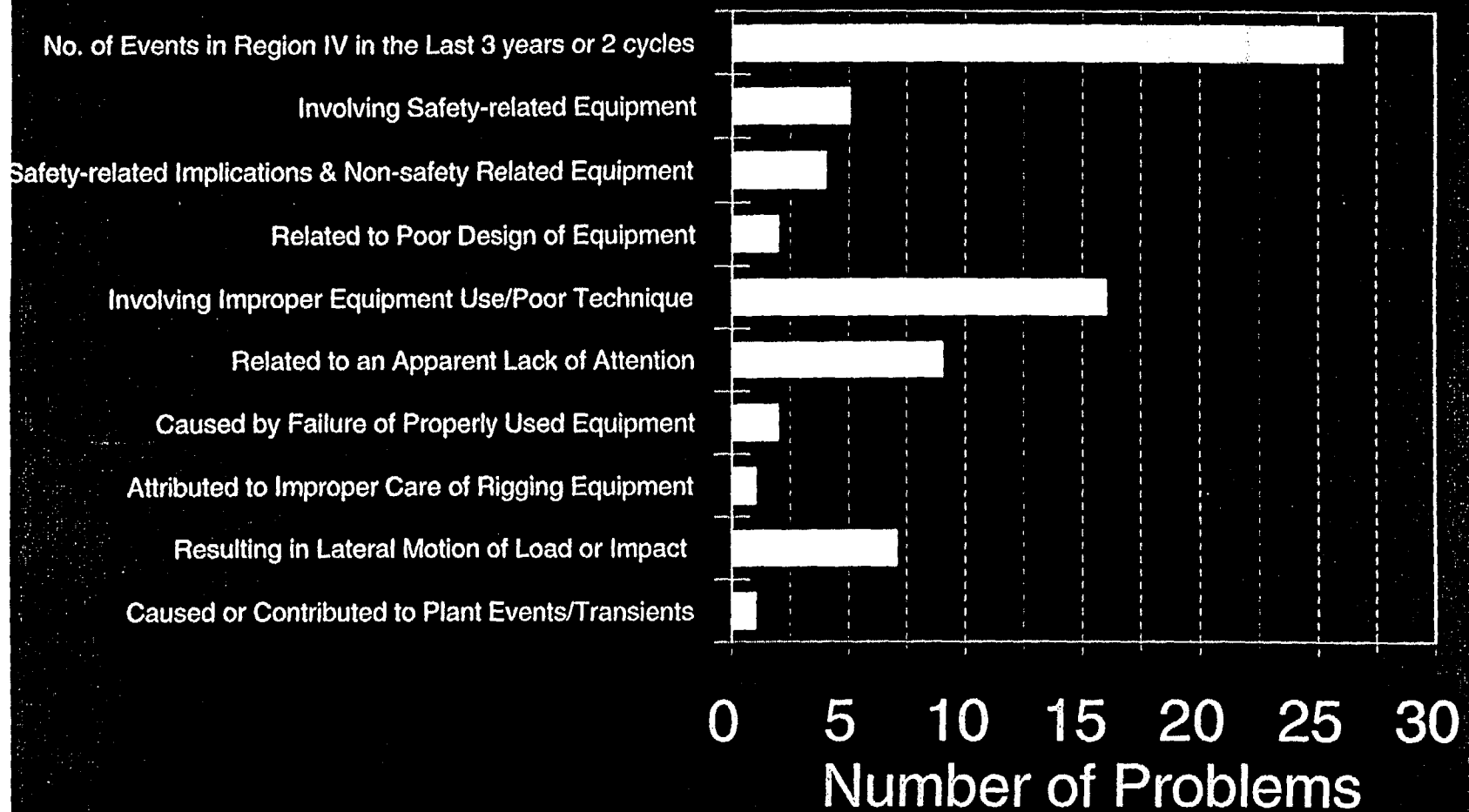
Region IV Licensee Rigging Problems Per Site



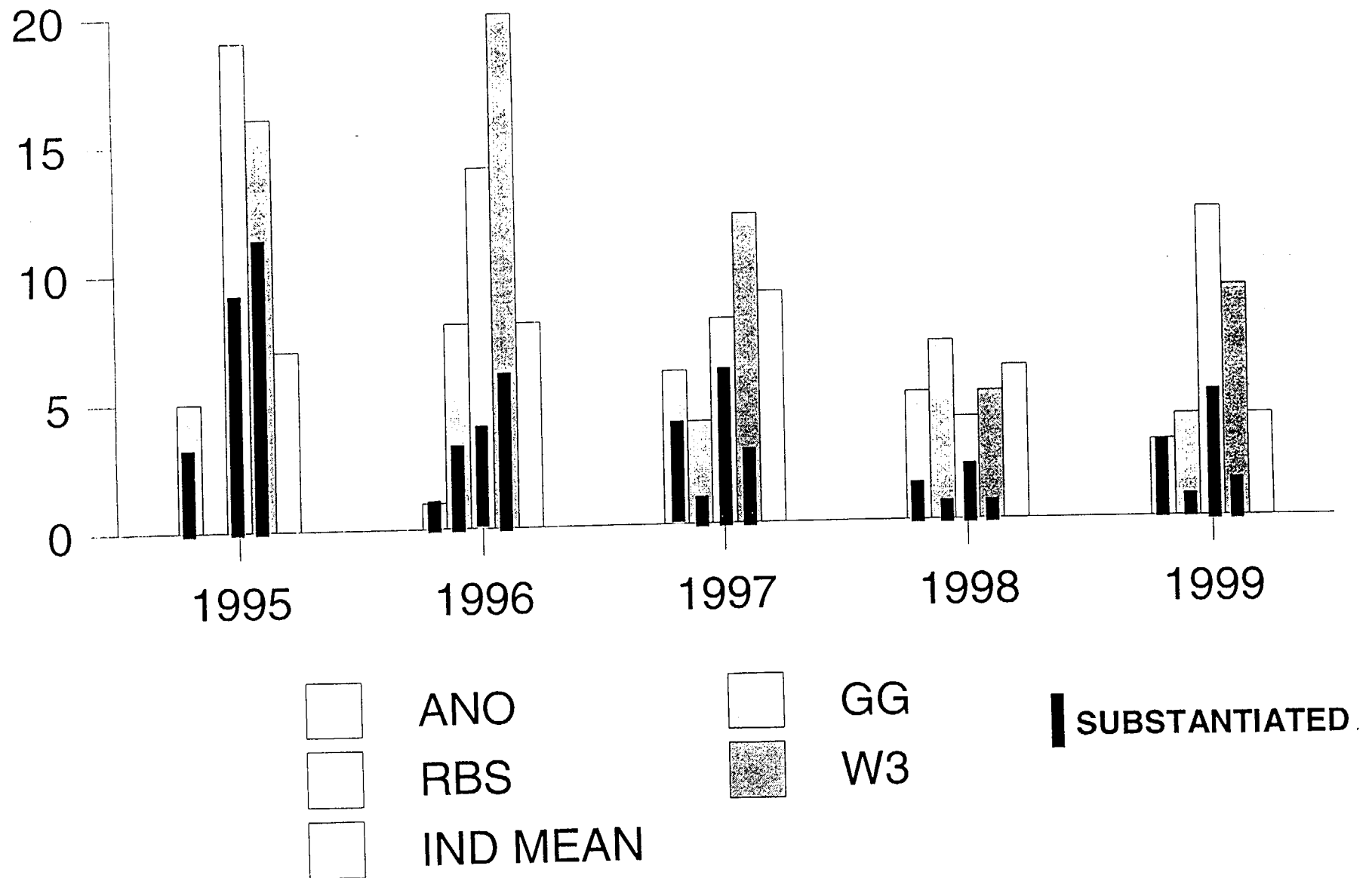
Region IV Licensee Rigging Problems Specific Failures



Region IV Licensee Rigging Problems Failure Analyses



RIV ENTERGY SITES CY 1995-1999



Safeguards Events by Category (21)

NRC-Licensed Activities
1999

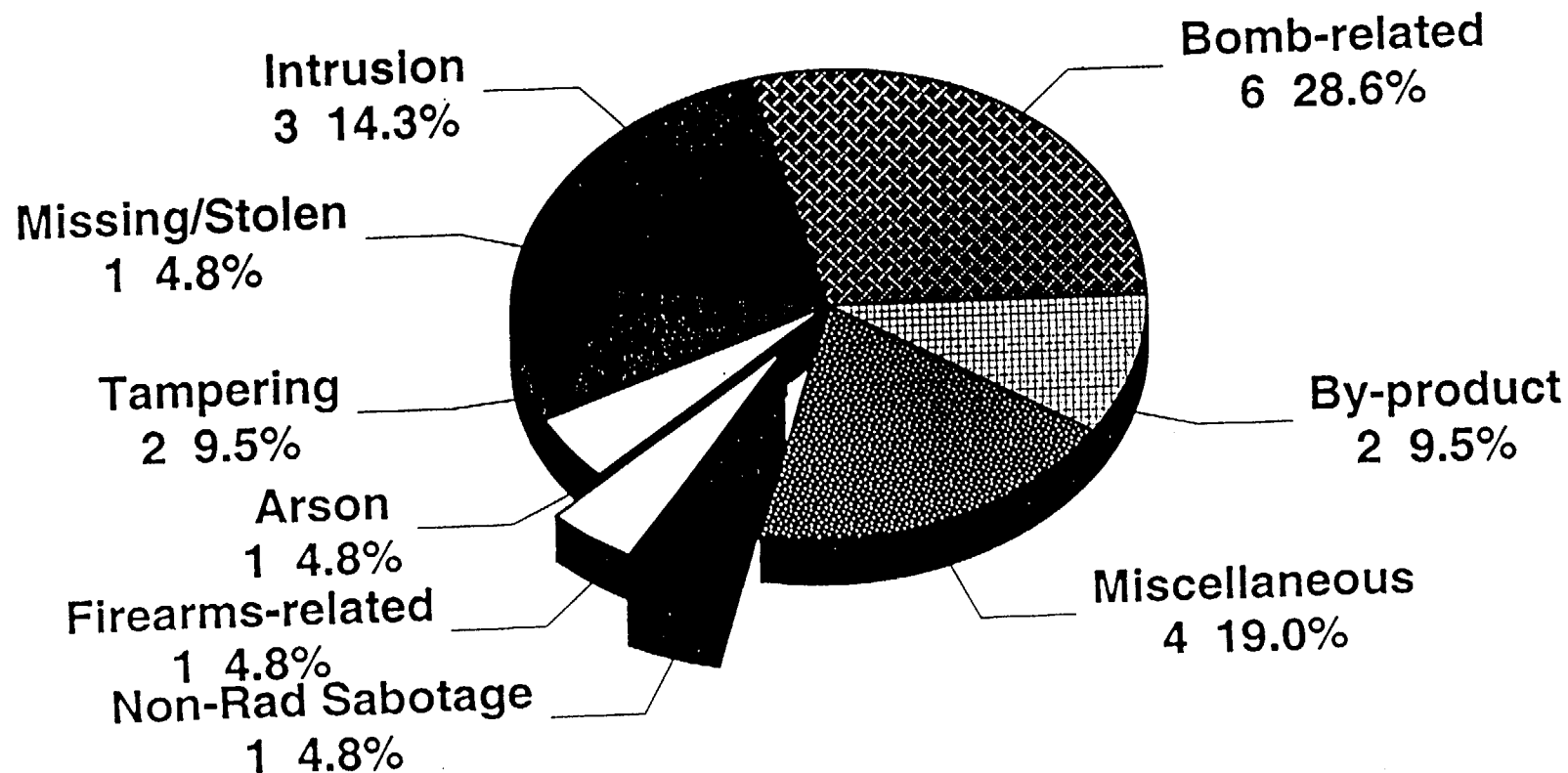


Figure 2

Reactor Safeguards Events

NRC-Licensed Activities
1989-1999

Power Nonpower

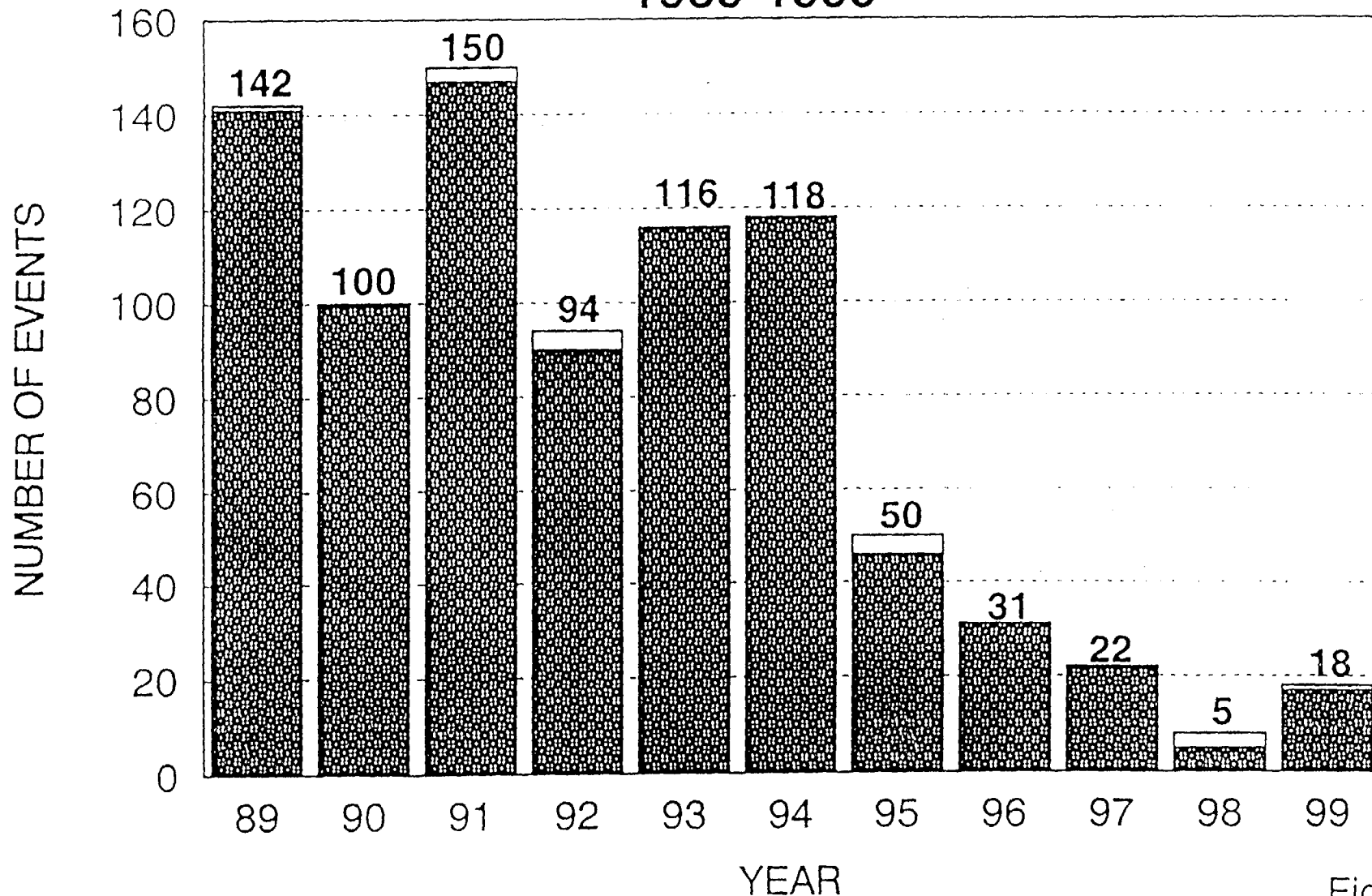


Figure 3

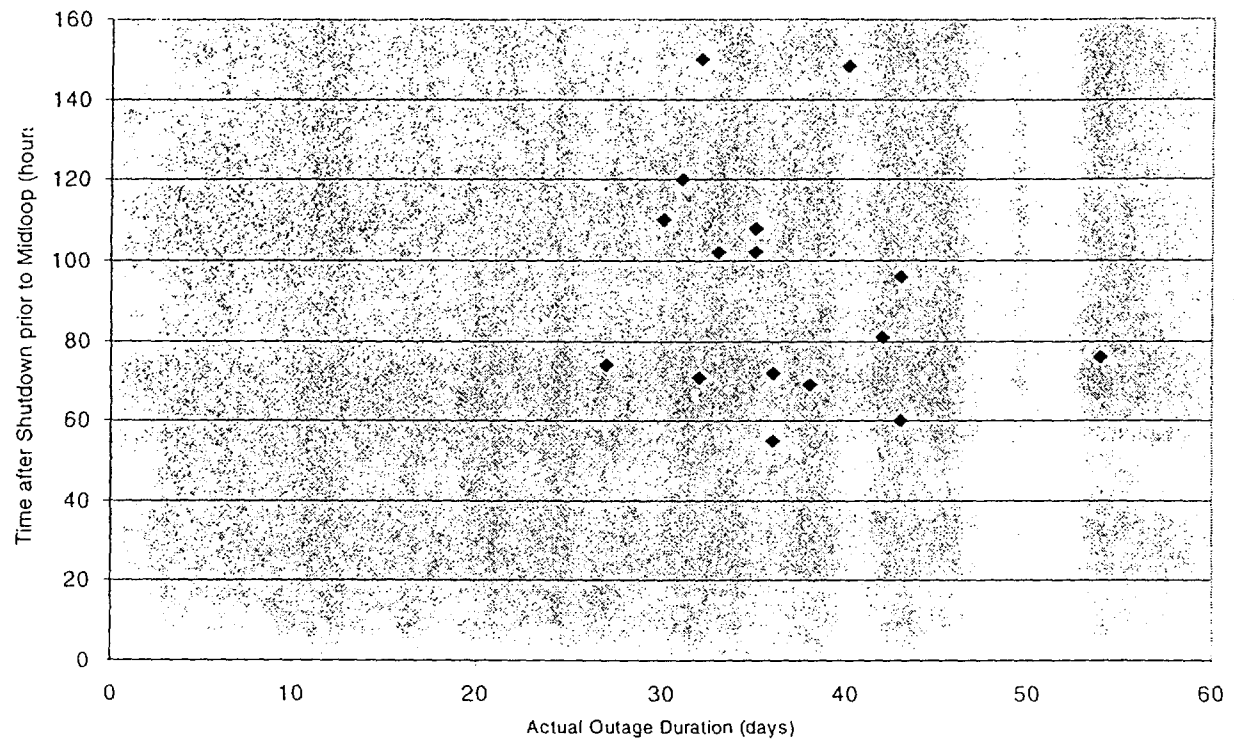


FIGURE 1 - Outage Duration vs. Time Before Entering Midloop

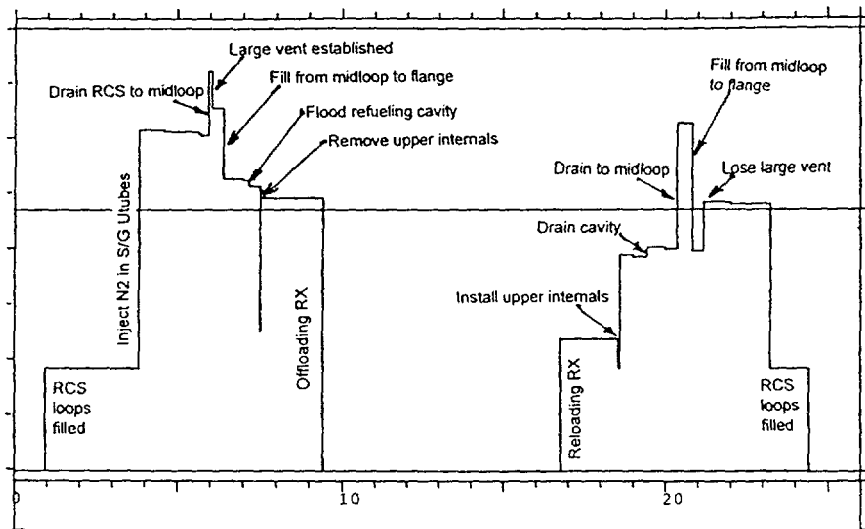


FIGURE 2 - Typical PWR Outage Risk Profile

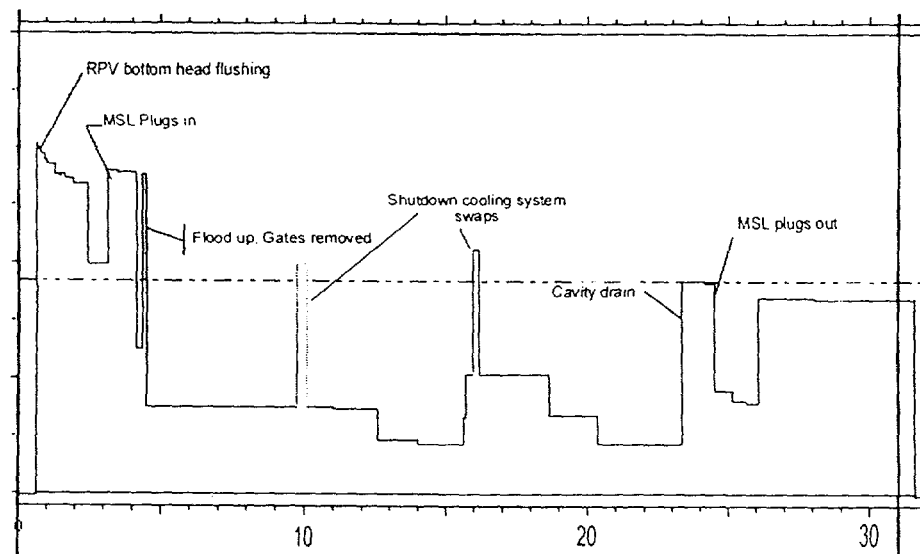


FIGURE 3 - Typical BWR Outage Risk Profile

% Deviation from Scheduled Risk

