

January 16, 1997

Florida Power Corporation
Crystal River Energy Complex
Mr. P. M. Beard, Jr. (SA2A)
Sr. VP, Nuclear Operations
ATTN: Mgr., Nuclear Licensing
15760 West Power Line Street
Crystal River, FL 34428-6708

SUBJECT: MEETING SUMMARY: MANAGEMENT CORRECTIVE ACTION PLAN AND MANUAL
CHAPTER 0350 RESTART PANEL
CRYSTAL RIVER - DOCKET NO. 50-302

Dear Mr. Beard:

This refers to the meeting on January 9, 1997, at your Nuclear Administration Building (NAB) Conference Room 101. The purpose of the meeting was to discuss the status of your Corrective Action Plan and Restart Issues. It is our opinion, that this meeting was beneficial. Our next meeting should include a detailed discussion of the measurements used to assess the effectiveness of your corrective action program and the results observed to date. We will also discuss your plan for completing major milestones, so the NRC can effectively plan our inspections to assess your readiness for restart.

Enclosed is a List of Attendees and Florida Power Corporation Handout. The discussions included the following topics: Leadership Oversight and Involvement, Engineering and Configuration Management, Operations, Regulatory Actions, and Restart Issues.

In accordance with Section 2.790 of NRC's "Rules of Practice, "Part 2, Title 10 Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this letter, please contact us.

Sincerely,

Orig signed by Johns P. Jaudon

Johns P. Jaudon, Director
Division of Reactor Safety

Docket No. 50-302
License Nos. DPR-72

Enclosures: 1. List of Attendees
2. FPC Meeting Handout
3. FPC Employee Handout
4. FPC Restart Issues Matrix

cc w/encs: Continued see page 2

9702100429 970116
PDR ADOCK 05000302
P PDR

OFFICIAL COPY

1/1
EC45

cc w/encls: Continued

Gary L. Boldt, Vice President
Nuclear Production (SA2C)
Florida Power Corporation
Crystal River Energy Complex
15760 West Power Line Street
Crystal River, FL 34428-6708

B. J. Hickie, Director
Nuclear Plant Operations (NA2C)
Florida Power Corporation
Crystal River Energy Complex
15760 West Power Line Street
Crystal River, FL 34428-6708

L. C. Kelley, Director (SA2A)
Nuclear Operations Site Support
Florida Power Corporation
Crystal River Energy Complex
15760 West Power Line Street
Crystal River, FL 34428-6708

R. Alexander Glenn
Corporate Counsel
Florida Power Corporation
MAC - A5A
P. O. Box 14042
St. Petersburg, FL 33733

Attorney General
Department of Legal Affairs
The Capitol
Tallahassee, FL 32304

Bill Passetti
Office of Radiation Control
Department of Health and
Rehabilitative Services
1317 Winewood Boulevard
Tallahassee, FL 32399-0700

Joe Myers, Director
Division of Emergency Preparedness
Department of Community Affairs
2740 Centerview Drive
Tallahassee, FL 32399-2100

Chairman
Board of County Commissioners
Citrus County
110 N. Apopka Avenue
Inverness, FL 34450-4245

cc w/encls: Continued see page 3

FPC

4

Distribution w/encl:

L. Raghavan, NRR

B. Crowley, RII

PUBLIC

NRC Resident Inspector

U.S. Nuclear Regulatory Commission

6745 N. Tallahassee Road

Crystal River, FL 34428

OFFICE						
SIGNATURE	<i>B. Raghavan</i>	<i>B. Crowley</i>				
NAME	B. Raghavan	B. Crowley				
DATE	01 / 15 / 97	01 / 15 / 97	01 / / 97	01 / / 97	01 / / 97	01 / / 97
COPY?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\crystal\meeting\CRSUMJan.997

LIST OF ATTENDEES

Florida Power Corporation

J. Baumstark, Director Quality Programs
P. Beard, Senior Vice President, Nuclear Operations
G. Boldt, Vice President, Nuclear Production
R. Champion, Corporate Relations
G. Beuris, Investor Relations
R. Bright, Site Support
W. Conklin, Jr., Director, Nuclear Operations Materials and Controls
R. Davis, Assistant Plant Director, Operations and Chemistry
F. Frando, Licensing
A. Glenn, Corporate Counsel
B. Gutherman, Manager, Nuclear Licensing
G. Halnon, Assistant Director, Nuclear Operations Site Support
M. Hendrix, Corporate Relations
L. Kelley, Director, Nuclear Operations Site Support
M. Kirk, Quality Programs
D. Kunsemiller, Director Nuclear Site Support
K. Lancaster, Manager, Nuclear Projects
J. Maseda, Manager, Engineering Programs
R. Maughan, Corporate Relations
J. Richardson, President and Chief Operating Officer
D. Perkey, NUS Information Services
D. Sells, FMPA, Minority Owners Representative
J. Terry, Manager, Nuclear Plant Technical Support
R. Widell, Director, Nuclear Operations Training
C. Wilder, Manager, Nuclear Safety Assessment Team

Nuclear Regulatory Commission

S. Cahill, Senior Resident Inspector, Crystal River
C. Casto, Engineering Branch Chief, Region II
T. Cooper, Resident Inspector, Crystal River
R. Hannah, Public Affairs
F. Hebdon, Director, Directorate II-3, NRR
J. Jaudon, Director, Division of Reactor Safety, Region II
J. Johnson, Director, Division of Reactor Projects, Region II
K. Landis, Branch Chief, Division of Reactor Safety, Region II
L. Reyes, Regional Administrator, Region II
L. Raghavan, Project Manager, Project Directorate II-1, NRR
R. Schin, Reactor Inspector, Region II
G. Tracy, Regional Coordinator, EDO

Members of the News Media
Members of the Public

LIST OF ATTENDEES

Florida Power Corporation

J. Baumstark, Director Quality Programs
P. Beard, Senior Vice President, Nuclear Operations
G. Boldt, Vice President, Nuclear Production
R. Champion, Corporate Relations
G. Beuris, Investor Relations
R. Bright, Site Support
W. Conklin, Jr., Director, Nuclear Operations Materials and Controls
R. Davis, Assistant Plant Director, Operations and Chemistry
F. Frando, Licensing
A. Glenn, Corporate Counsel
B. Gutherman, Manager, Nuclear Licensing
G. Halnon, Assistant Director, Nuclear Operations Site Support
M. Hendrix, Corporate Relations
L. Kelley, Director, Nuclear Operations Site Support
M. Kirk, Quality Programs
D. Kunsemiller, Director Nuclear Site Support
K. Lancaster, Manager, Nuclear Projects
J. Maseda, Manager, Engineering Programs
R. Maughan, Corporate Relations
J. Richardson, President and Chief Operating Officer
D. Perkey, NUS Information Services
D. Sells, FMPA, Minority Owners Representative
J. Terry, Manager, Nuclear Plant Technical Support
R. Widell, Director, Nuclear Operations Training
D. Wilder, Manager, Nuclear Safety Assessment Team

Nuclear Regulatory Commission

S. Cahill, Senior Resident Inspector, Crystal River
C. Casto, Engineering Branch Chief, Region II
T. Cooper, Resident Inspector, Crystal River
R. Hannah, Public Affairs
F. Hebdon, Director, Directorate II-3, NRR
J. Jaudon, Director, Division of Reactor Safety, Region II
J. Johnson, Director, Division of Reactor Projects, Region II
K. Landis, Branch Chief, Division of Reactor Safety, Region II
L. Reyes, Regional Administrator, Region II
L. Raghavan, Project Manager, Project Directorate II-1, NRR
R. Schin, Reactor Inspector, Region II
G. Tracy, Regional Coordinator, EDO

Members of the News Media
Members of the Public

FPC/NRC MANAGEMENT MEETING AGENDA

January 9, 1997

- Opening Remarks Luis Reyes
- Overview Pat Beard
- Leadership Oversight and Involvement Jim Baumstark
Jerry Campbell
- Engineering and Configuration Management Gary Boldt
- Operations Ron Davis
- Regulatory Actions Brian Gutherman
- Closing Remarks Pat Beard

OVERVIEW

- MCAP - March 95 to the present
- IPAP and IDRP Integrated Into MCAP II
- Root Causes Already Identified
- Discuss Progress and Results

OVERVIEW (cont'd)

- Overall Progress
 - » 167 Total MCAP II Actions Assigned Due Dates (Includes IDRP)
 - » 60 Actions Complete (36%)
 - » 11 Actions Extended (7%)
- Senior Management Assignments

LEADERSHIP OVERSIGHT AND INVOLVEMENT

- MCAP Action Status
 - » 35 Actions Assigned Due Dates
 - » 21 Actions Complete (56%)
 - » 1 Action Extended (3%)
 - Incorporate Change Management Into '97 Business Plan

LEADERSHIP OVERSIGHT AND INVOLVEMENT

- Significant Milestones Achieved
 - » New CAP Instruction Issued (11/22)
 - PCSC/CARB Up and Running
 - Adverse Trends Identified for Root Cause Determination
 - » New Self-assessment Guideline Issued (12/2)
 - » Manager/Supervisor MCAP II Standdown (12/11)

LEADERSHIP OVERSIGHT AND INVOLVEMENT

- Significant Milestones Achieved (cont'd)
 - » New OER Manager Hired (outside asset, 12/18)
 - » Licensing Self-Assessment Completed (12/19)
 - » New NSAT Manager Hired (outside asset, reports 1/20)
 - » Increasing/Enhancing QA Staff Size/Experience
 - New QA Sr. Auditor Hired from Virginia Power (outside asset, reports 1/20)
 - Recruiting Two Additional Auditors from Outside (engineering degree, former SROs)

LEADERSHIP OVERSIGHT AND INVOLVEMENT

- Significant Milestones Ahead
 - » Transition to New Site Management
 - » Implementing an Effective CAP
 - » Successfully Executing the Remainder of MCAP II and Restart Plan
 - Issue Rev. 2 to MCAP II By Mid-February

1997

Site Management Drivers

| 1Q | 2Q | 3Q | 4Q |

MCAP II

Site Direction / Top 10 Priorities

Restart Plan

97 Business Plan

| '98 Business Plan

LEADERSHIP OVERSIGHT & INVOLVEMENT

Maintenance Focus

- Work Practices
 - » Procedure Usage
 - » Communications
 - » Self-Checking

LEADERSHIP OVERSIGHT & INVOLVEMENT

Why We Need to Focus

- Inconsistent Field Leadership
 - » Expectations have not been clear
 - » No Structured Observation Criteria

- Self-Assessments
 - » After the fact
 - » Normally limited to unacceptable behavior

LEADERSHIP OVERSIGHT & INVOLVEMENT

What We Have Done

- Initiated a Pilot Field Observation Program for the Electrical and Mechanical Shops (3rd Qtr., '96)
 - » Program Based on Event Free Operations Human Performance Tools (Factors a Worker uses to complete a task and prevent occurrence of errors)

LEADERSHIP OVERSIGHT & INVOLVEMENT

What We Have Done, Cont'd.

- Performance Tools
 - » Knowledge/Skill
 - » Procedures
 - » Communications
 - » Performance Verification
 - » Questioning Attitude
 - » Pre-Job Briefings
 - » Teamwork
 - » Safety
 - » Worker Practices

LEADERSHIP OVERSIGHT & INVOLVEMENT

Evaluated Effectiveness of the Field Observation Program

- Strengths
 - » Good knowledge and skills
 - » Questioning Attitude

- Improvements Needed
 - » Number of not observed (not clearly “yes” or “no”)
 - » Inconsistency between observers

LEADERSHIP OVERSIGHT & INVOLVEMENT

Improvements to Field Observation Program

- Complete Standard for each Event Free Operation Human Performance Tool
- Field Observation Criteria Based on Event Free Operation Human Performance Tools

LEADERSHIP OVERSIGHT & INVOLVEMENT

Additional Improvements

- Coaching Skills Training
- Teamwork and Communications Training
- STAR Simulator Training
- Expectations for Supervisors and Lead Bargaining Unit Personnel

LEADERSHIP OVERSIGHT & INVOLVEMENT

The Next Step

- Full Implementation of Field Observation Program Throughout Maintenance
 - » Finalize standards and criteria
 - » Provide training to observers
 - » Target number of field observations per supervisor per week
 - » Trend Data

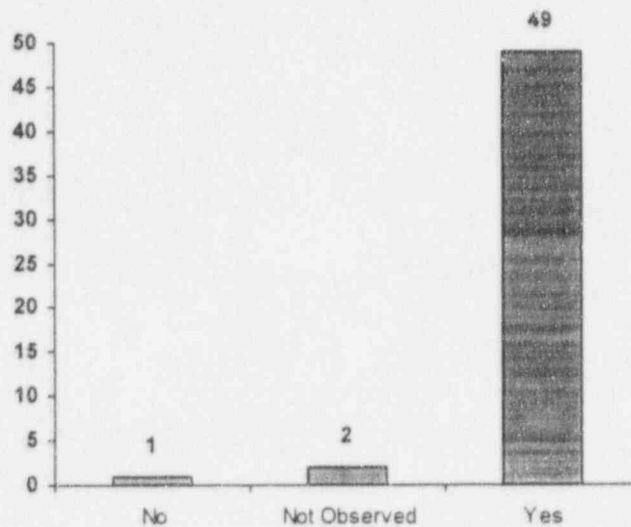
LEADERSHIP OVERSIGHT & INVOLVEMENT

What This Will Give Us

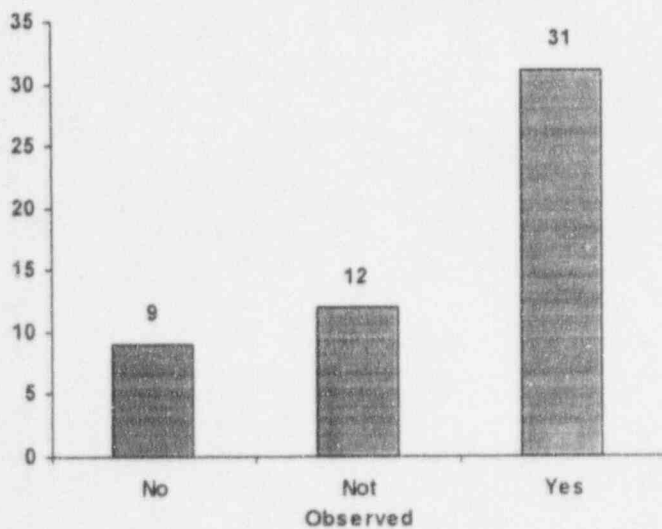
- Improved Field Leadership
which will lead to improved
work practices through:
 - » Consistent Field Observations
 - » Immediate Feedback
 - » Self-Assessment

Mechanical Shop Tool Box Usage

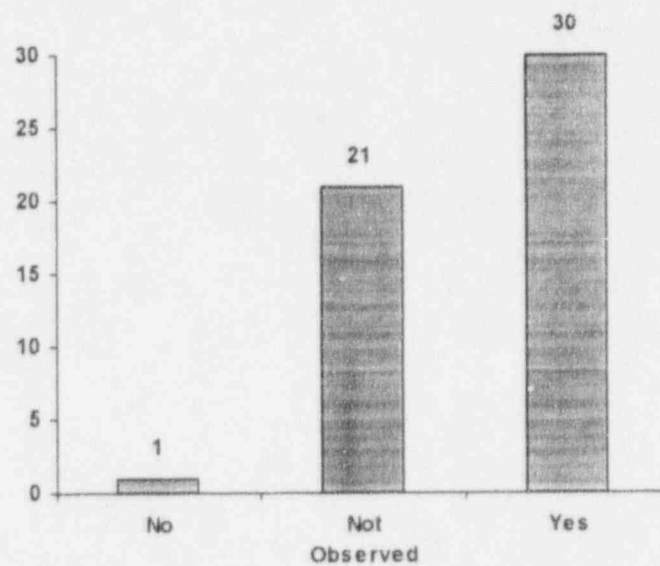
Knowledge and Skills



Procedure



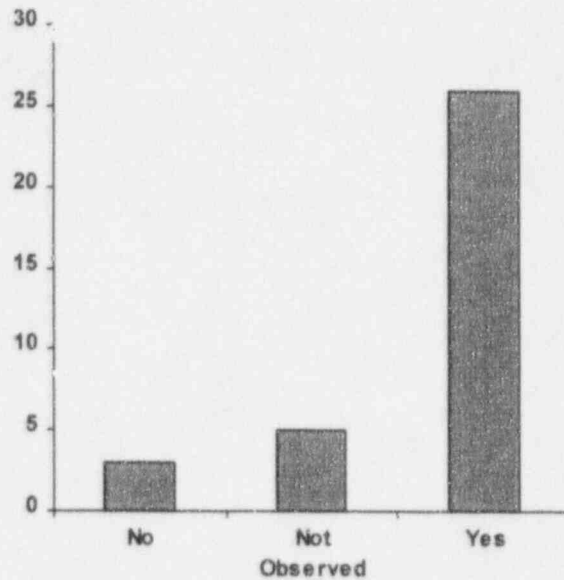
Job Status Briefing



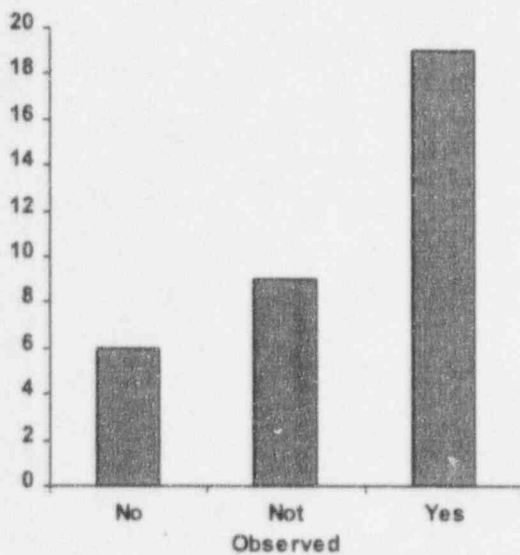
* Data for Dates: 5/15/96 To 10/21/96

Electric Shop Tool Box Usage

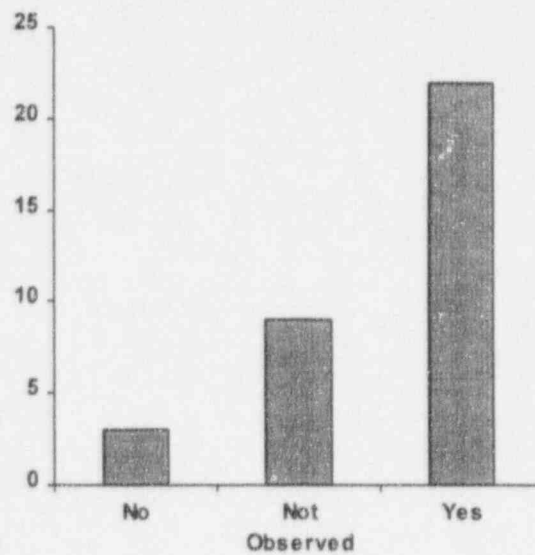
Knowledge and Skills



Procedure



Job Status Briefing



Data for Dates: 1/10/96 To 12/05/96

Conducted By:	Date:
Work Group Observed:	Supervisor or Lead:
Activity:	
Workers:	

YES NO N/A

<u>COMMUNICATIONS</u> 1. Do those who need the information, have the information? 2. Do they understand the information?			
<u>KNOWLEDGE & SKILLS</u> 1. Do worker's have the knowledge to perform the tasks? 2. Do worker's know qualifications required to perform task? 3. Are worker's qualified to perform tasks?			
<u>PERFORMANCE VERIFICATION</u> 1. Is work being performed accurately? 2. Is there evidence of self-checking? 3. Is there evidence of peer checking?			
<u>PRE-JOB BRIEFING & TURNOVERS</u> 1. Does the worker know & understand the hazards? 2. Does the worker know the proper PPE? 3. Does the worker know what can go wrong with process? 4. Does the worker understand the scope of work to be performed? 5. Does the worker understand the limits/conditions? 6. Does the worker understand areas that induce human error? 7. Does the worker understand the roles/responsibilities of all?			
<u>PROCEDURES & WORK DOCUMENTS</u> 1. Is procedure (or document) being followed as written? 2. Is procedure (or document) up-to-date? 3. Is procedure (or document) written with appropriate detail? 4. Does worker know what to do if problem found in procedure?			
<u>QUESTIONING ATTITUDE</u> 1. Was sufficient clarification obtained to understand task?			
<u>SAFETY</u> 1. Are safety policies & procedures being followed? 2. Is the proper PPE being used? 3. Is the importance of safety being emphasized via peer pressure? 4. Are safety concerns being identified promptly?			
<u>TEAMWORK</u> 1. Do the workers have an objective (or game plan)? 2. Do team members appear to be making a positive contribution? 3. Is the work being distributed fairly?			
<u>WORK PRACTICES</u> 1. Is worker making good use of allotted time to perform task? 2. Is the work area properly identified, and in good condition? 3. Is the proper tool being used & in the correct manner? 4. Are there any deficiencies & what is being done to resolve?			

Positive Feedback Given: _____

Corrective Feedback Given: _____

Machine Shop Assessment

Volume 1 Issue 1

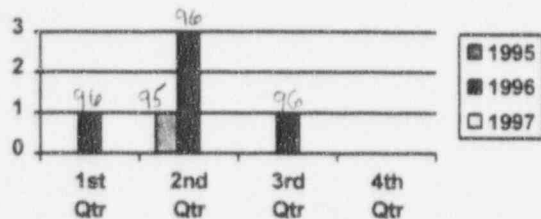
3rd Quarter 1996

Safety

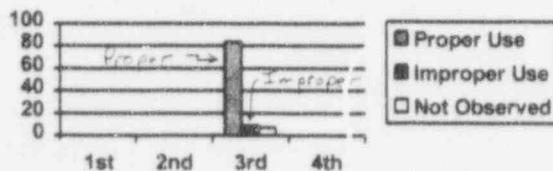
The machine shop had one injury (eye) during the third quarter of 1996. Field supervisor observations show employees are requiring coaching to ensure the proper use of standard personnel protective equipment (gloves, safety glasses, and hard hats). These discrepancies are being identified by supervision, and not by master mechanics or co-workers who may have been present at the time of the observations.

Precursor Cards for this quarter did not identify any adverse items or trends for this EFO standard.

OSHA Reportable Injuries



Safety Effectiveness Index



Since 1995, there have been 11 minor injuries reported in the machine shop. These include: 4 leg injuries, 3 eye injuries, 2 back or rib injuries, and 2 hand injuries. Six of these injuries have been OSHA reportable.

Challenges from Previous Quarter: Injury rate, ladder safety, securing equipment inside the plant, and eye protection.

Challenges for Current Quarter: Improve use of personal protective equipment through co-worker peer checking and teamwork.

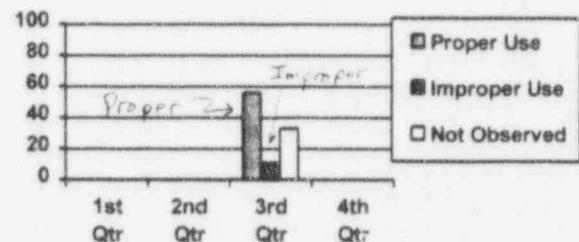
Procedures

Field supervisor observations show employees are requiring coaching to ensure the proper use of procedures. The primary areas are: (1) Not following as written, (2) Wrong procedure referenced in the work package, and (3) Not keeping the procedure up-to-date with the work in the field.

Precursor Cards for this quarter showed an adverse trend with procedures. The primary areas are: (1) Quality of procedures, and (2) Not following as written.

The procedures not being followed as written are limited to administrative requirements and deviations from the scope of work requests.

Procedure Effectiveness Index



	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Open NUPOST Comments				
Not Followed			5	
Not-up-to-date			1	
Wrong Referenced			2	

The quality of procedures will be tracked starting next quarter by the number of outstanding NUPOST comments in the machine shop. Although sufficient data is not available, adherence to, and demanding higher quality in the WR's is improving.

Challenges from Previous Quarter: WR completeness & attention-to-detail, Improve adherence, Use NUPOST, Demand higher quality.

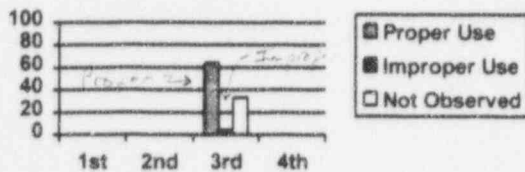
Challenges for Current Quarter: WR & procedure adherence, and WR and procedure only high quality accepted.

Performance Verification

Field supervisor observations show by the large number of "Not Observed", applying this standard to mechanics has been a learning experience. The mechanics have attended the S.T.A.R simulator training, and in fact, they have out performed all other maintenance disciplines.

Precursor Cards for this quarter did not identify any adverse items or trends for this EFO standard.

Performance Verification Effectiveness Index



Challenges from Previous Quarter: Verifying and reinforcing usage.

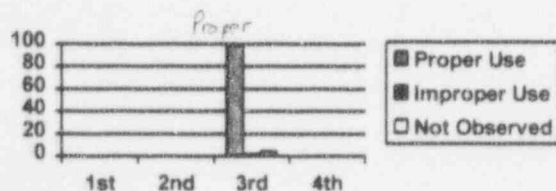
Challenges for Current Quarter: Continue to show an improving trend in the verification & reinforcement of usage.

Knowledge & Skills

Field supervisor observations show employees have the proper technical knowledge and skills to perform their assignments. This is believed to be valid, but the observation data for this EFO standard has been limited. The use of visual observation techniques and questioning personnel at the jobsite is needed to strengthen this data, along with other EFO tools.

Precursor Cards for this quarter did not identify any adverse items or trends for this EFO standard.

Knowledge & Skills Effectiveness Index



Challenges from Previous Quarter: Root cause plans, and Welder Qualifications.

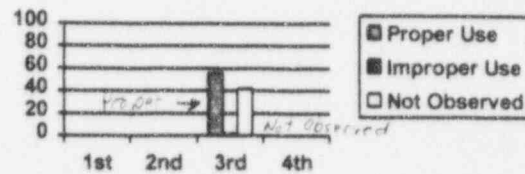
Challenges for Current Quarter: Improved observation techniques, contractor control, TPM's, & follow-up on welder qualification computer program

Pre-Jobs & Briefings

Field supervisor observations show a low effectiveness due to the large number of "Not Observed" observations. This has identified a difficulty for the supervisor to observe more than one pre-job briefing. This is also a concern with the Safety Coach observations (seldom observe pre-job briefings).

Precursor Cards for this quarter did not identify any adverse items or trends for this EFO standard.

Pre-Job & Briefing Verification Effectiveness Index



Challenges from Previous Quarter: Hazard ID, Complacency, Distractions, Use S.T.A.R.

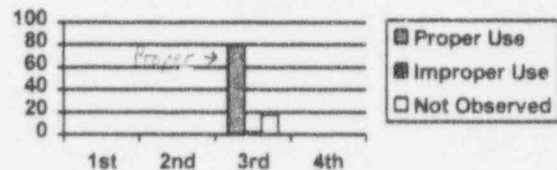
Challenges for Current Quarter: Improved observation techniques, and develop Pre-Job Checklist.

Questioning Attitude

Field supervisor observations show employees have a strong questioning attitude, yet this is difficult to observe. The QVV method identified by FPI, will provide a more standardized method for observing and applying this EFO standard.

Precursor Cards for this quarter did identify the RB sump inadequate clearance as an adverse item for this EFO standard.

Questioning Attitude Effectiveness Index



Challenges from Previous Quarter: Develop strength, demand high quality, self-critical.

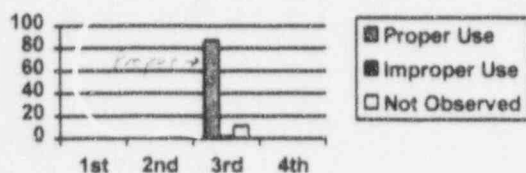
Challenges for Current Quarter: Improved observation techniques, QVV usage.

Communications

Field supervisor observations show a good effectiveness for this EFO standard, but the observation data and techniques has been limited. The use of visual observation techniques and questioning personnel at the jobsite is needed to strengthen this data.

Precursor Cards for this quarter did not identify any adverse items or trends for this EFO standard.

Communications Effectiveness Index



Challenges from Previous Quarter: Audience ID, Changing game plans, Documentation, Procedure revisions.

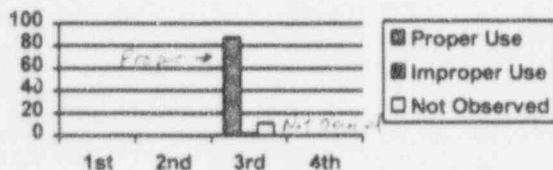
Challenges for Current Quarter: Improved observation techniques, and communicate goals for 1997.

Teamwork

Field supervisor observations show a good effectiveness for this EFO standard, but the actual performance appears to be lower. The use of visual observation techniques, questioning personnel, and documentation review at the jobsite are needed to improve the observation data and more clearly trend this EFO standard.

Precursor Cards for this quarter did identify an adverse trend across work groups at CR3. This was identified to the personnel, supervisor, and manager to attempt to improve this trend.

Teamwork Effectiveness Index



Challenges from Previous Quarter: Day-to-day consistency.

Challenges for Current Quarter: Improved observation techniques, and Shop Goals (performance vs. individual performance) for 1997.

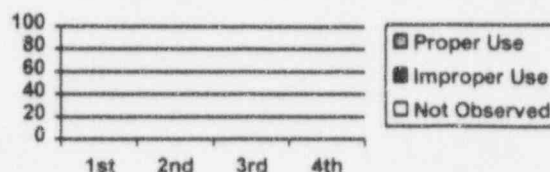
Machine Shop Assessment

Worker Practices

Field supervisor observations in the 4th quarter of 1996 will include the category of Worker Practices. This category includes: Productivity, Housekeeping, Work Areas,.....

Precursor Cards for this quarter did identify any adverse items or trends for this category.

Worker Practices Effectiveness Index



Challenge from Previous Quarter: Not Applicable

Challenges for Current Quarter: Not Applicable

Key Challenges:

SAFETY - PPE Usage & PEER Checking

PROCEDURES - Adherence & Demand High Quality

PERF. VERIFICATION - Continue to Use

KNOWLEDGE/SKILLS - Contractor Control & TPM's

PREJOB/BRIEFINGS - Develop/use Checklist

QUESTIONING ATTITUDE - QVV

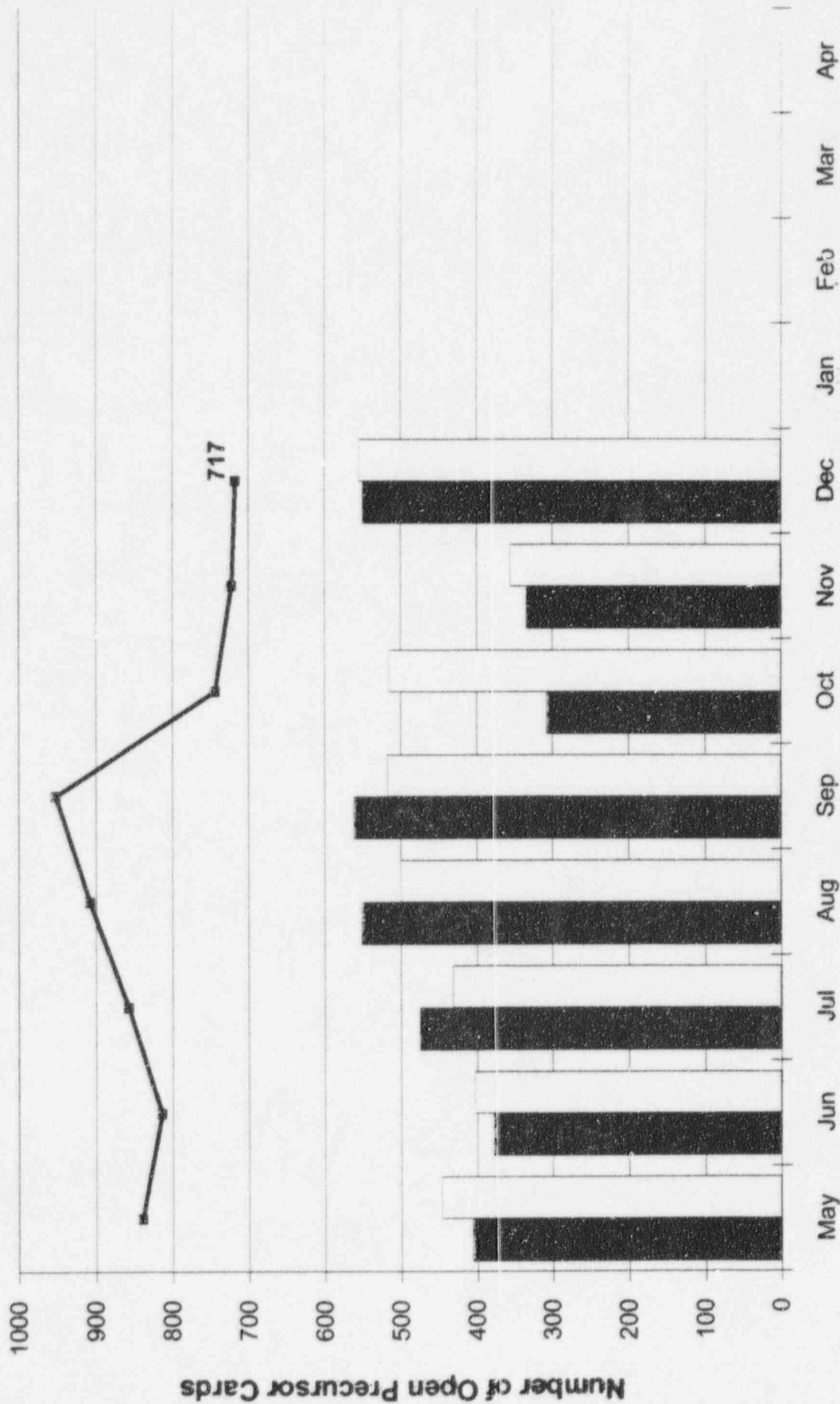
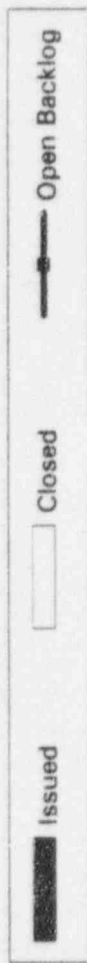
COMMUNICATIONS - Discuss Goals for 1997

TEAMWORK - Develop Shop Goals for 1997

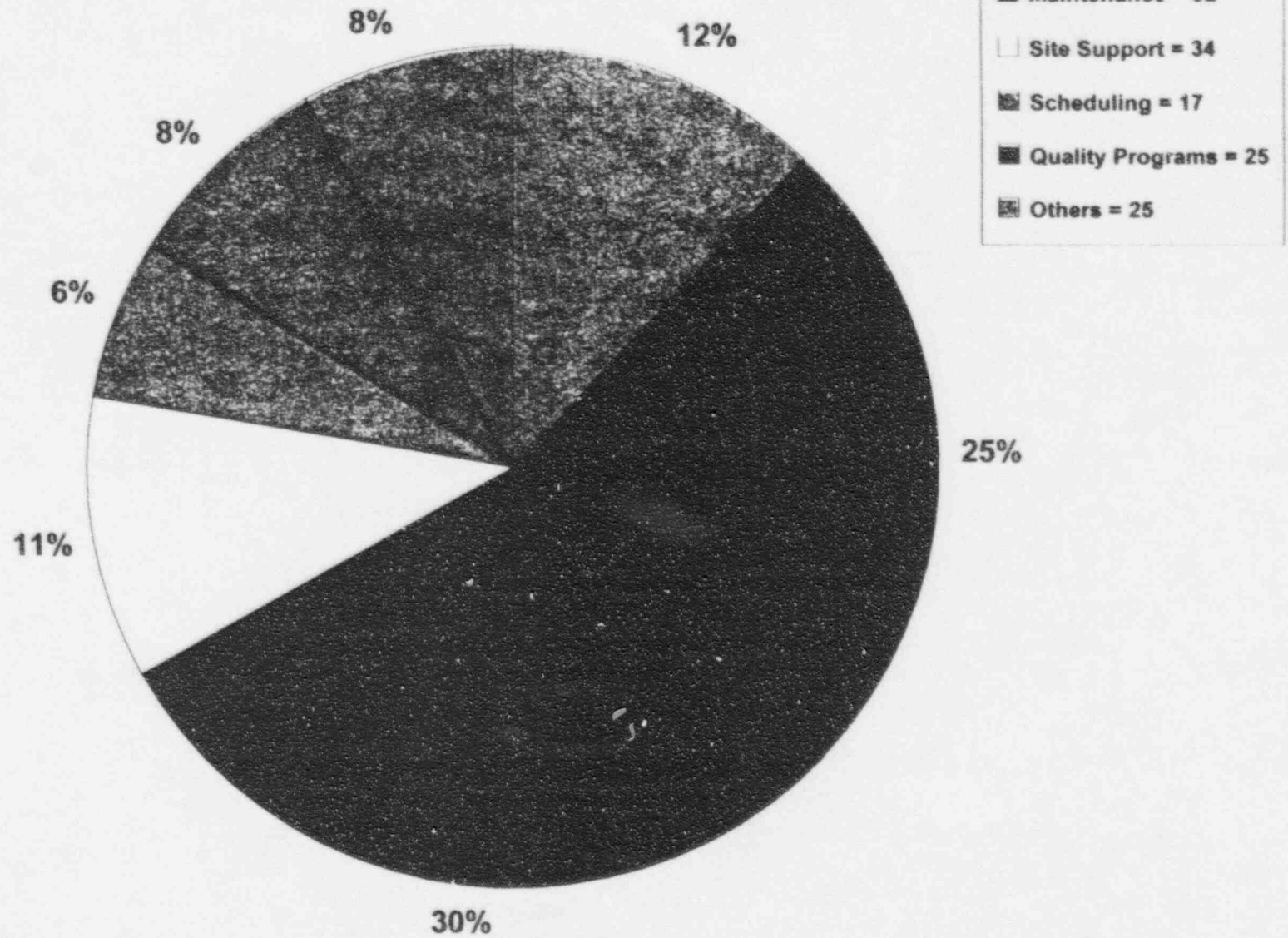
Assessment Notes:

The INDEX parameters are calculated from field observation data. The number of observations for each parameter (i.e. Proper Use, Improper Use, and Not Observed) is divided by the total number of observation opportunities, and then multiplied by 100. The "Best" index would be "Proper Use" as 100, and "Improper Use", and "Not Observed" as zero.

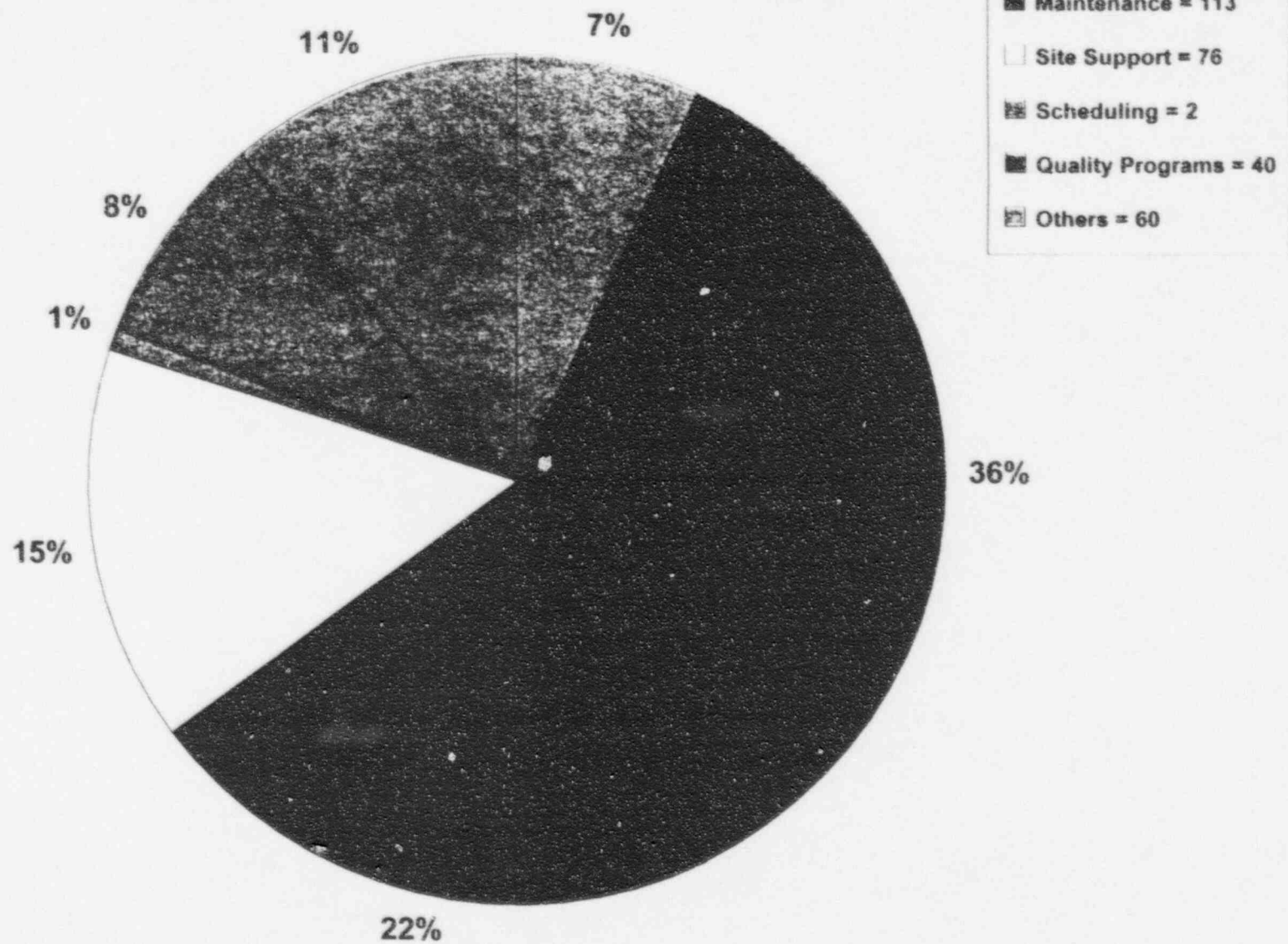
Open Precursor Card Backlog



Precursor Cards Issued By: (October)

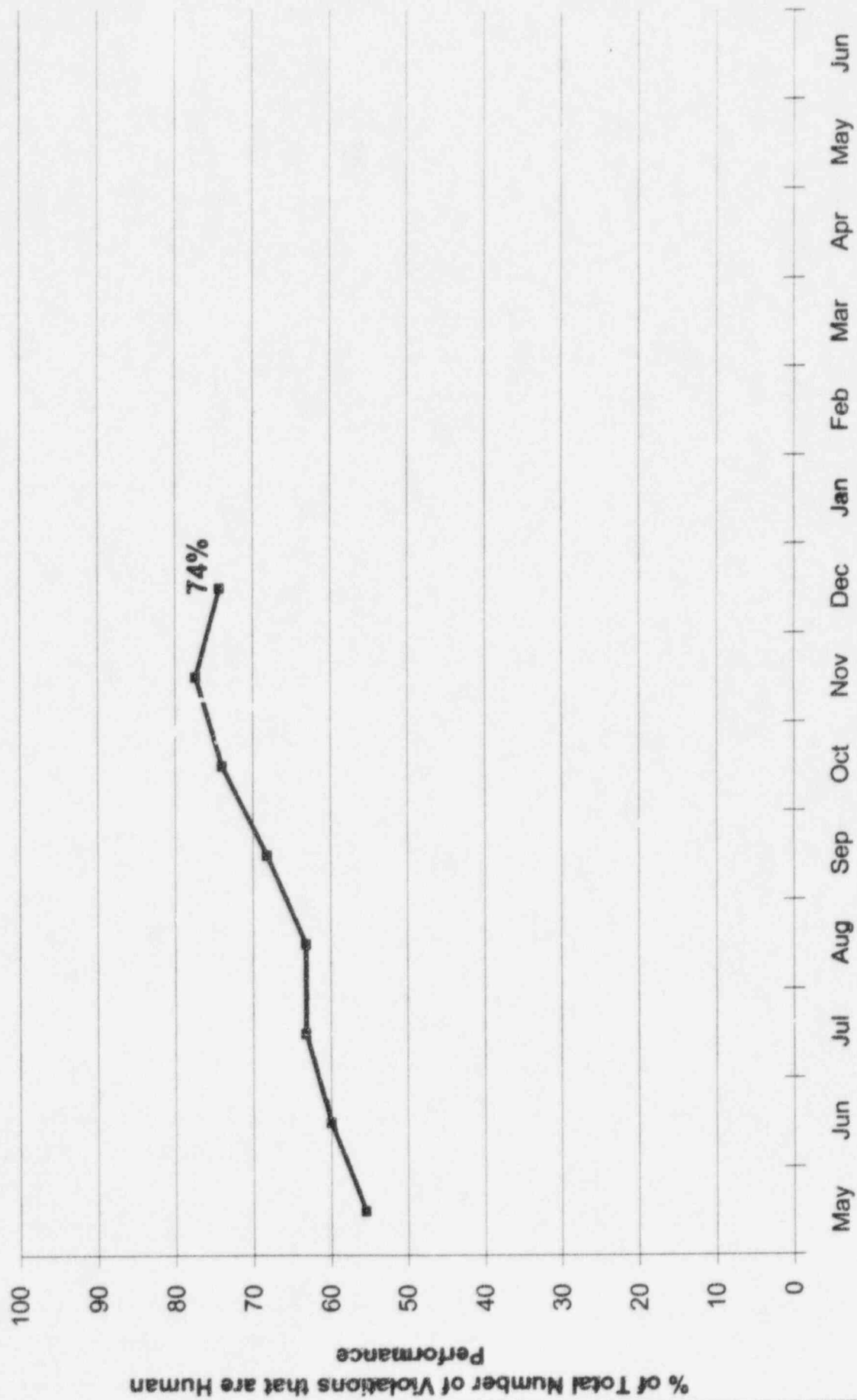


Precursor Cards Issued By: (December)



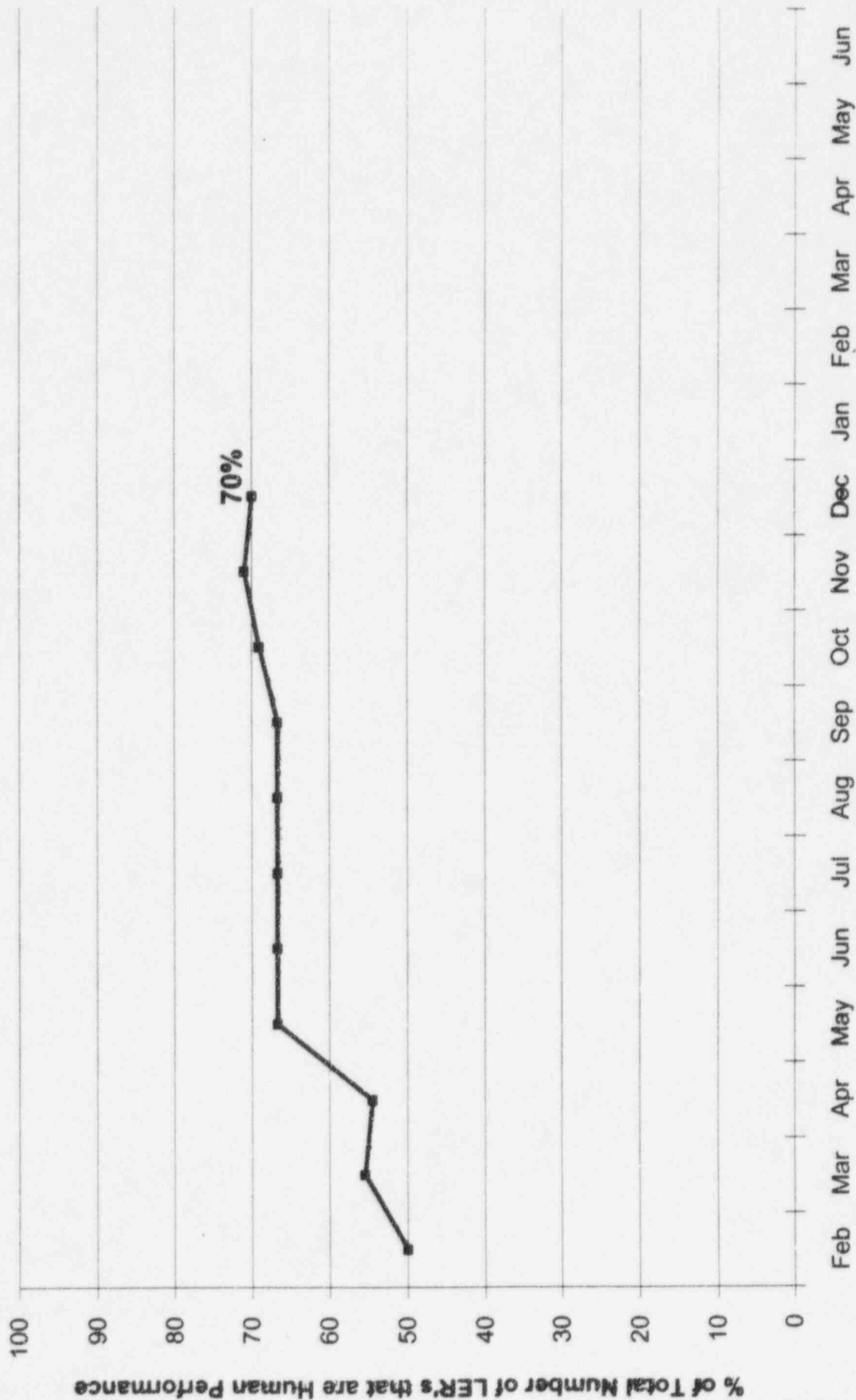
NRC Violations that are Human Performance

—■— % of Total # of Violations

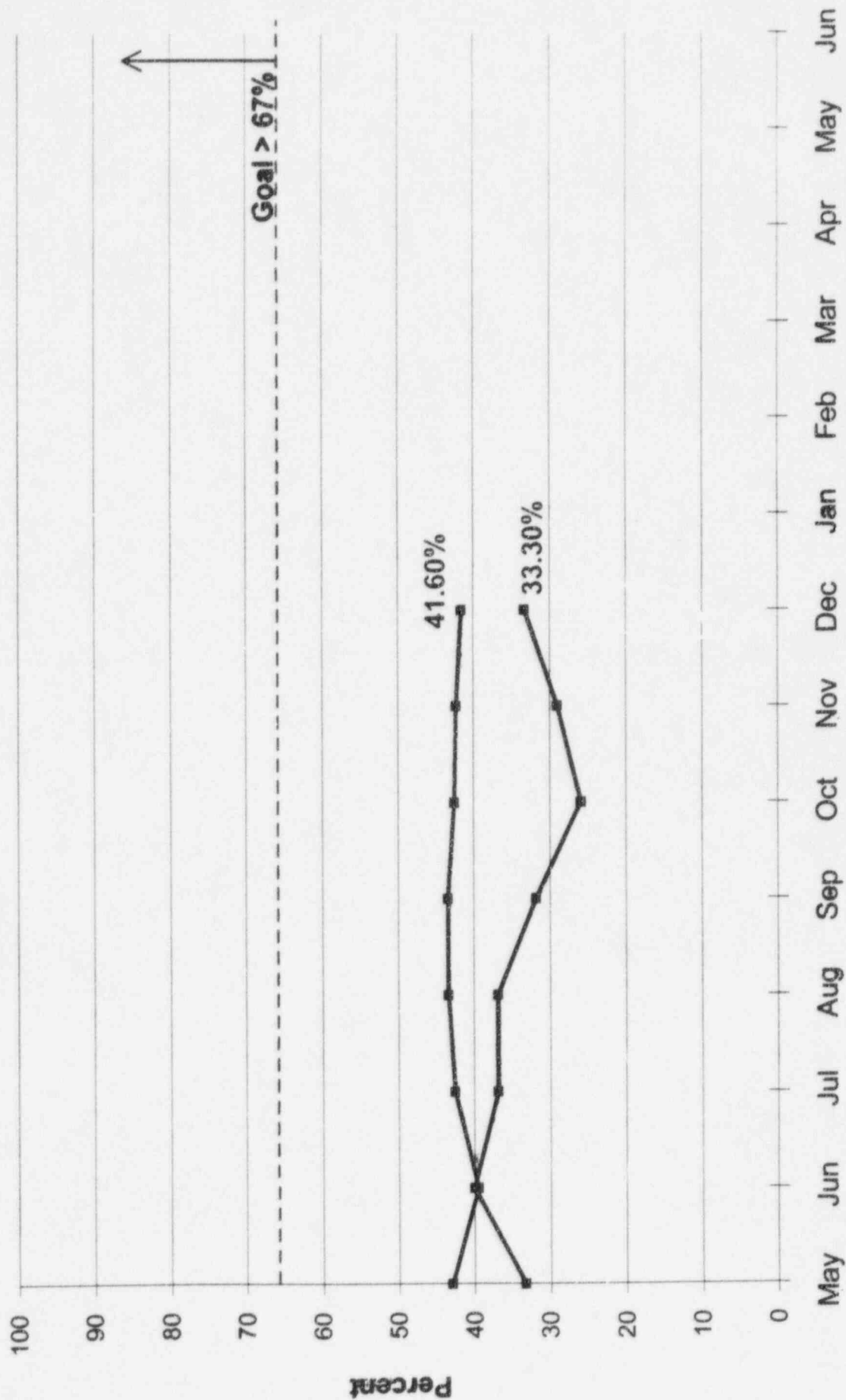


Human Performance LER's

--- % of Total Number of LER's



Percentage of violations that are non-cited (Based on 1996 Work Activities)



ENGINEERING

- 26 Actions Assigned Due Dates
- 13 Actions Complete (50%)
- 3 Actions Extended (11%)
 - » Establish an Engineering Tracking and Trending Program
 - » Assure Tracking and Trending Indicators are Assessed to Address and Correct Adverse Trends
 - » Implement a Program of Engineering Self-Assessments
 - Need to Formalize in Annual Plan

ENGINEERING

- Expectations

- » AI-1700 “Conduct of Nuclear Engineering and Projects” - Complete

- Mission & Management Expectations

- » The Following Standards are in Development:

- Design Review Boards

- Calculations

- 50.59 Reviews

- Design Basis Ownership

- Third Party Technical Reviews

- Project Scheduling

- Communications

ENGINEERING

- Effectiveness Monitoring
 - » Resource Loading Project Schedules and Other Engineering Work
 - Have Completed Filling the Seven Net New FPC Engineering Positions
 - All Hired from Outside FPC
 - » Putting Together First Monthly Effectiveness Indicator Report
 - » Trends on Current Indicators Continue to Show Improvement

ENGINEERING

- Management Oversight
 - » John Holden (from Salem / Davis Besse) Will Be the New Engineering Director Effective the Last Week in January
 - » Don Shelton (from Davis Besse) has Become the NGRC Engineering Subcommittee Chair
 - » Warren Fujimoto (from Diablo Canyon) Will Provide Additional Engineering/Plant Expertise to NGRC

ENGINEERING

- Management Oversight (cont'd)
 - » Have Parsons Power Senior Engineering Manager Full Time On-site
 - Will Lead a 24 Person Site Engineering Support Team (all positions named - many already on-site)

CONFIGURATION MANAGEMENT

● MCAP Actions

- » 8 Actions Assigned Due Dates
- » 3 Actions Complete (37%)
- » 1 Action Extended (16%)
 - Include SSFI self-assessments in annual plan

● IDRPs Actions

- » 60 Actions Assigned Due Dates
- » 7 Actions Complete (11%)
- » No Actions Extended

CONFIGURATION MANAGEMENT

- Expectations
 - » Completed NOD-55
 - Definition of Design Basis
 - » Published Design Basis Owners List
 - Will Incorporate In Engineering Standard
 - » Developing Engineering Standards to Formalize Expectations for:
 - Design Review Boards
 - Conduct of Engineering Calculations
 - 50.59 Evaluations
 - Design Basis Owners

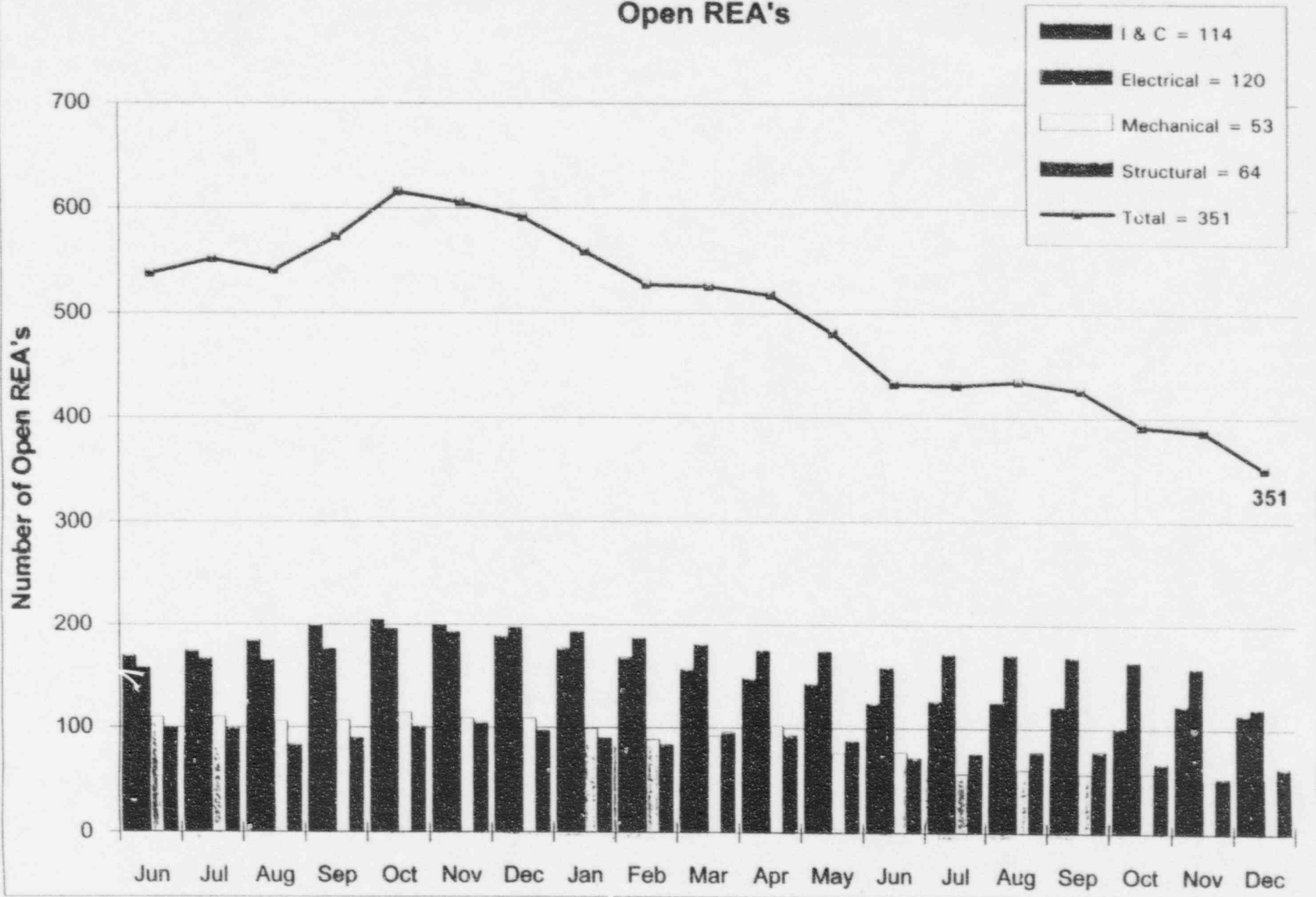
CONFIGURATION MANAGEMENT

- Management Oversight
 - » Independent Technical Assessment of Modifications by:
 - Framatome Technologies
 - MPR Associates
 - Sargeant & Lundy
 - Parsons Power
 - » Held Preliminary Meeting with Duke Engineering to Discuss Sharing of Design Basis Lessons Learned and Corrective Actions

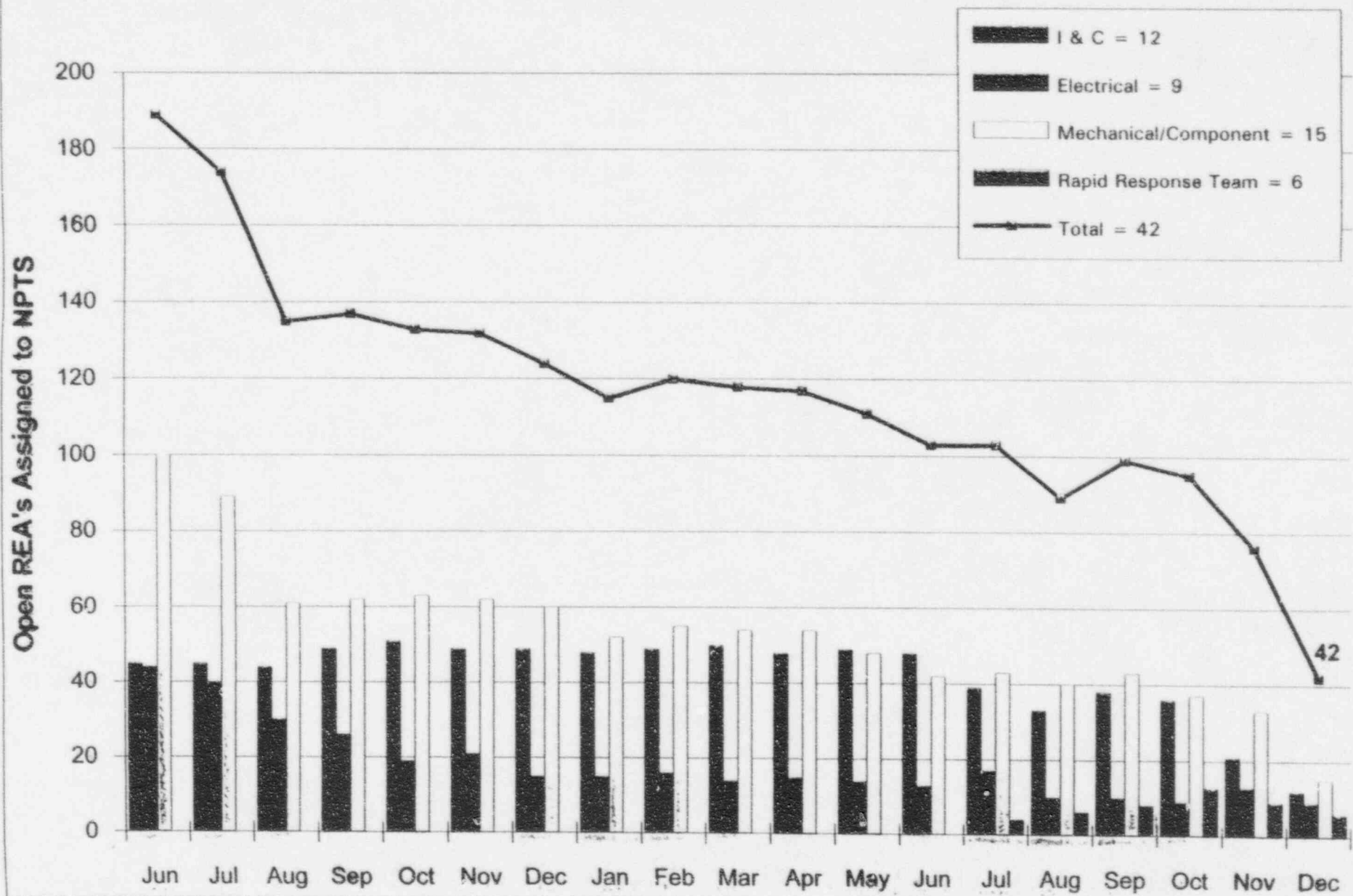
CONFIGURATION MANAGEMENT

- Management Oversight (cont'd)
 - » Safety Assessment Group
Reviewing Preliminary and
Final 50.59's for Outage
Modifications
 - » Have Made a Decision to
Assign Review of All 50.59's to
a Select Group of Specialists
 - Currently Addressing Staffing
and Training to Support this
Decision

Nuclear Operations Engineering Open REA's

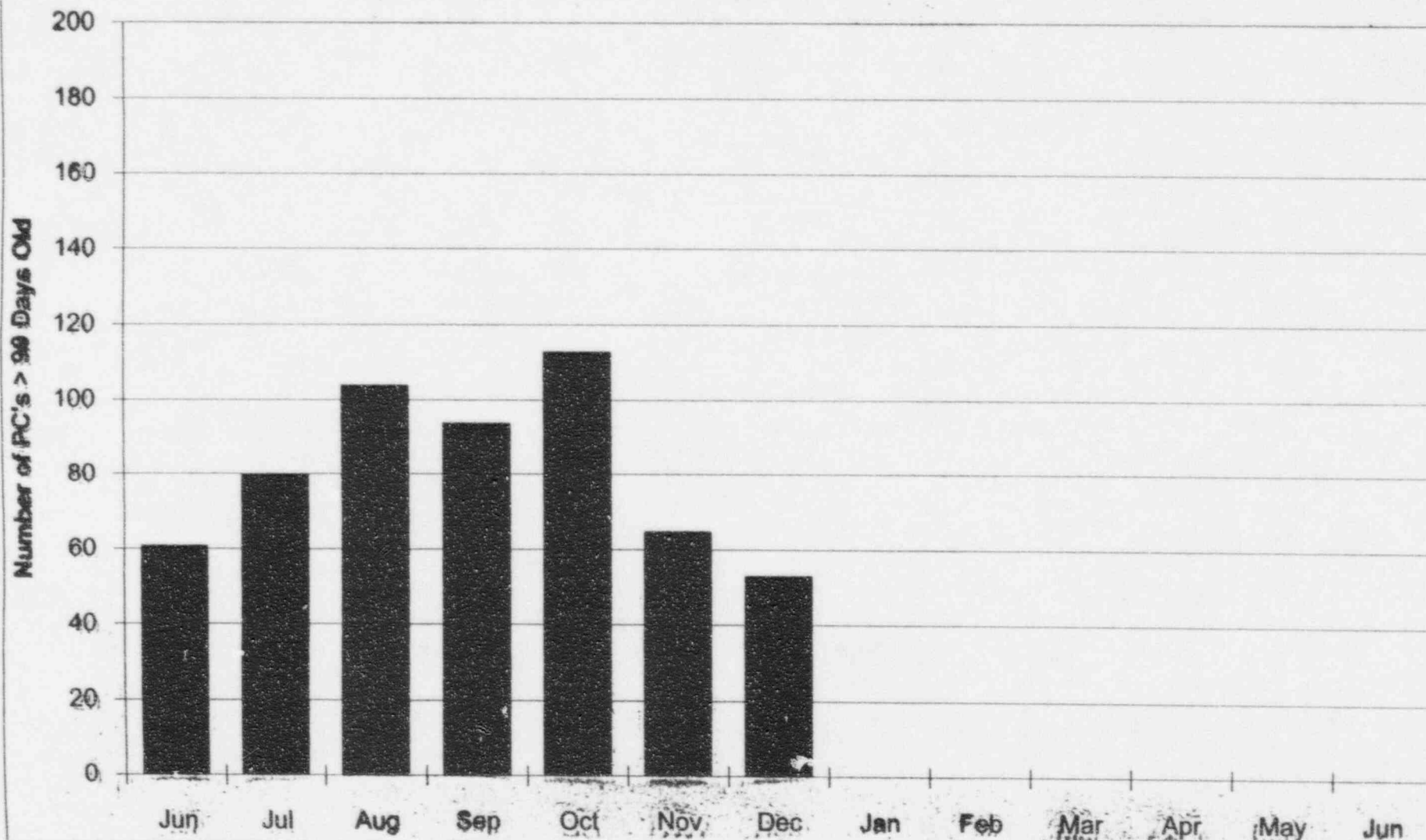


Nuclear Plant Technical Support Open REA's



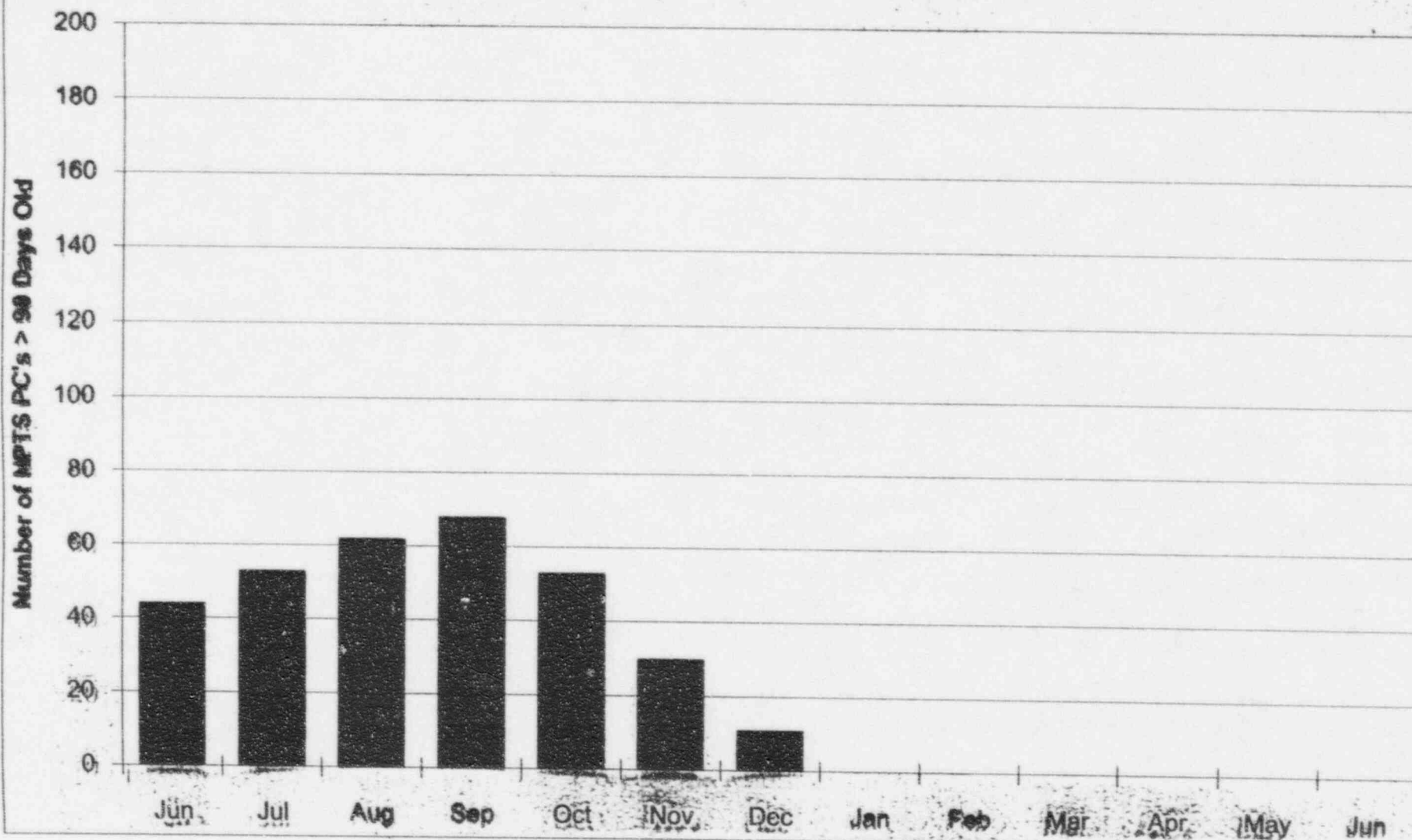
Nuclear Operations Engineering Precursors Awaiting Resolution > 90 Days

■ NOE Backlog

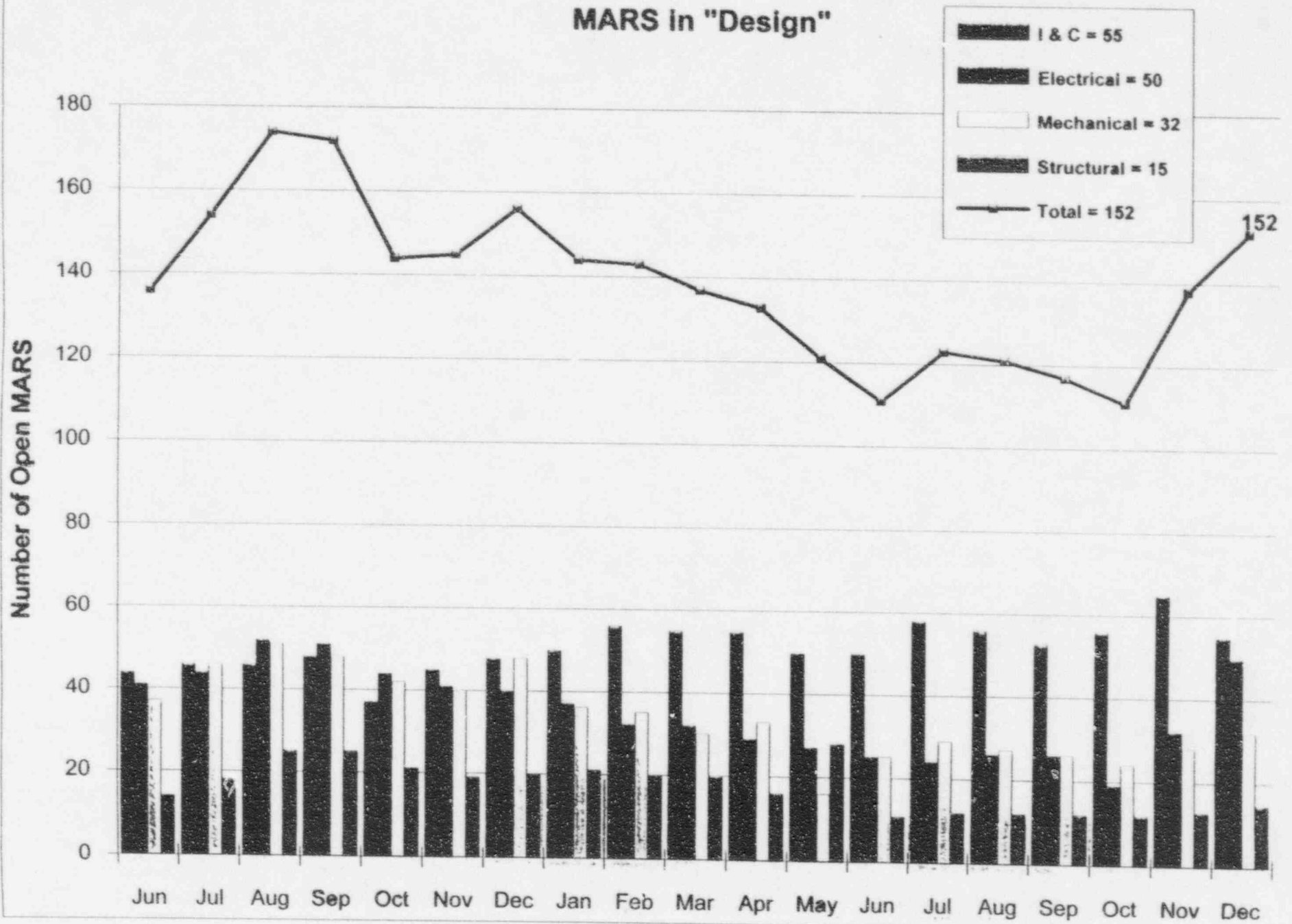


Nuclear Plant Technical Support Precursors Awaiting Resolution > 90 Days

■ NPTS Backlog



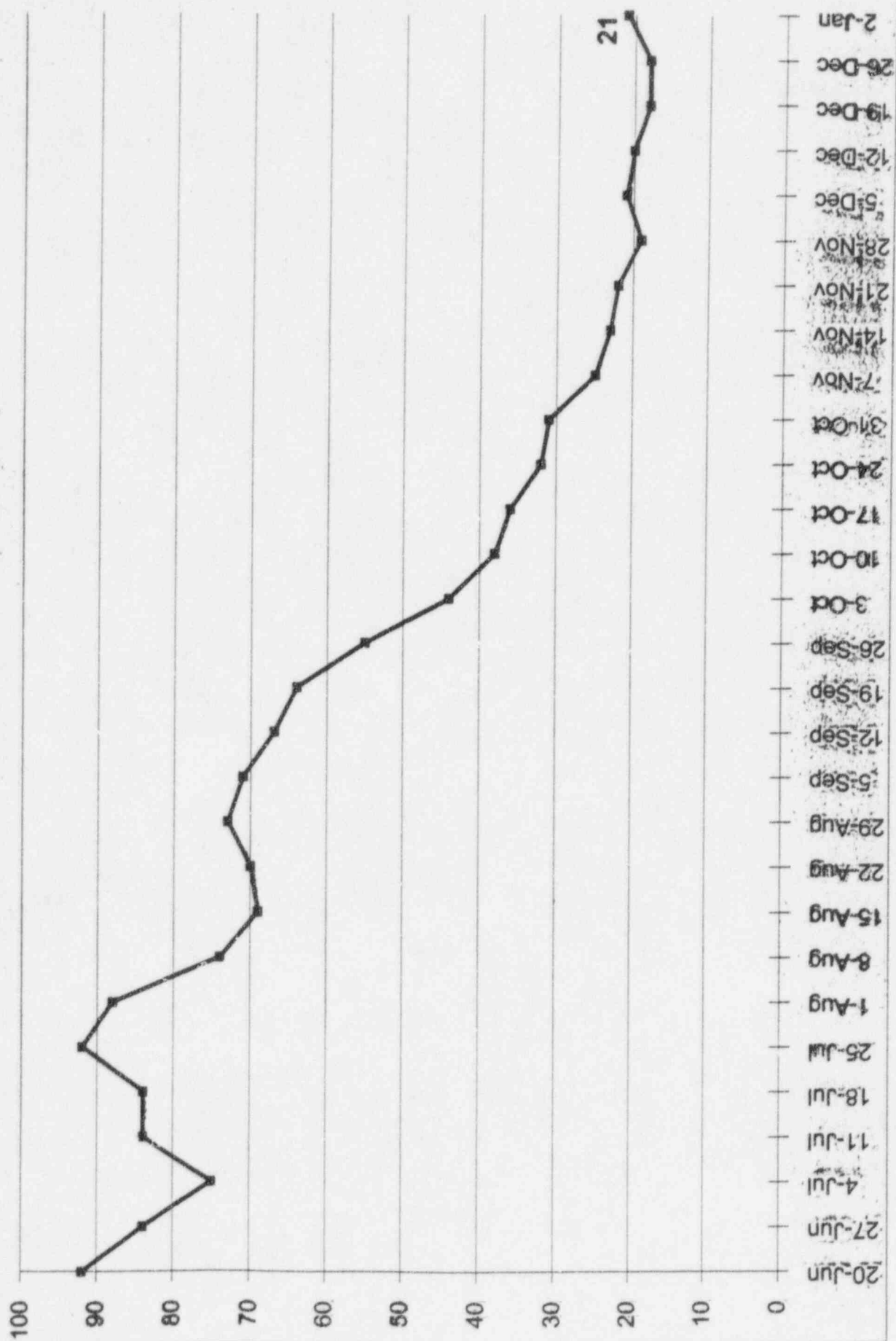
MARS In "Design"



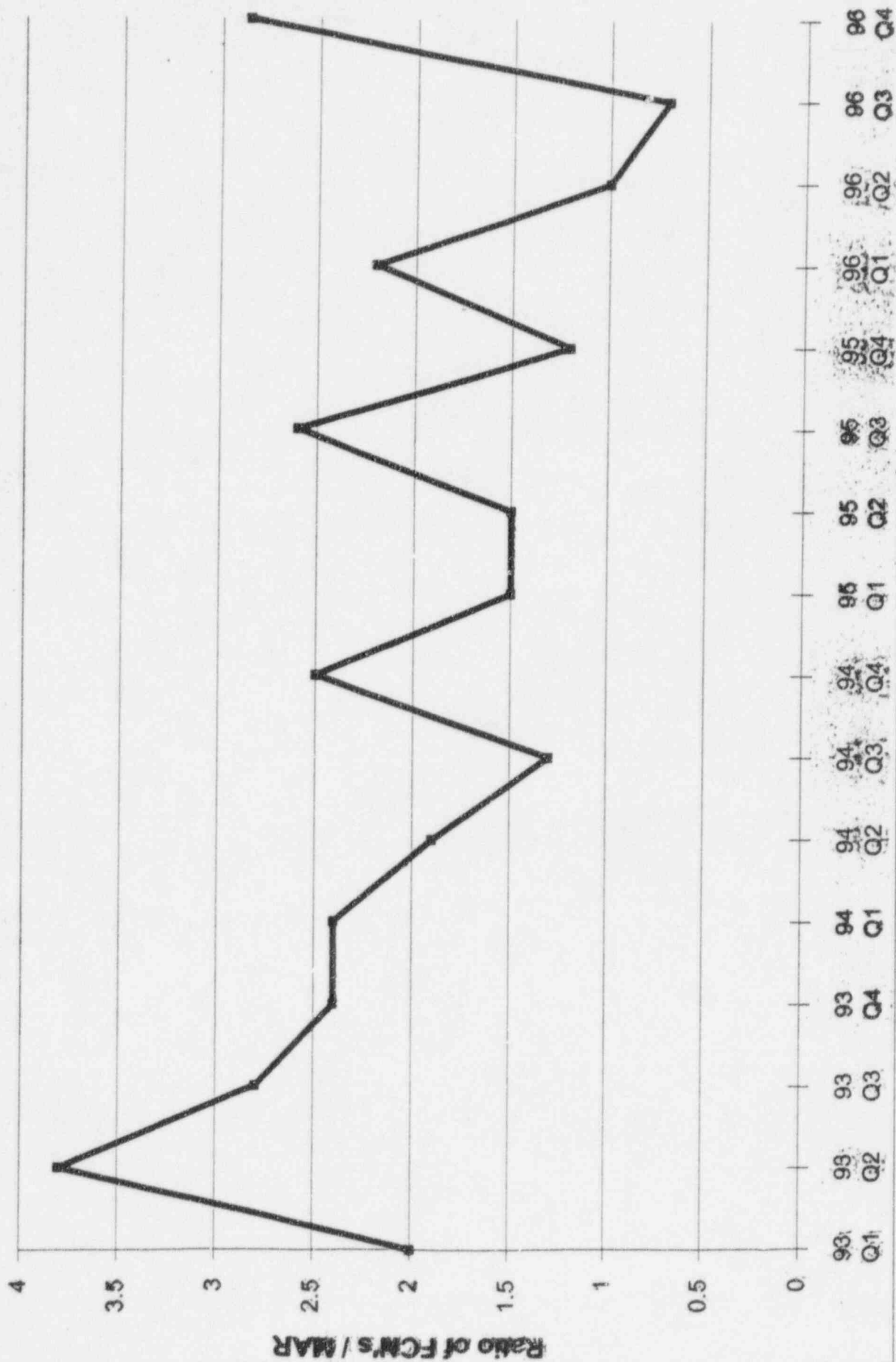
MARS Awaiting Closure



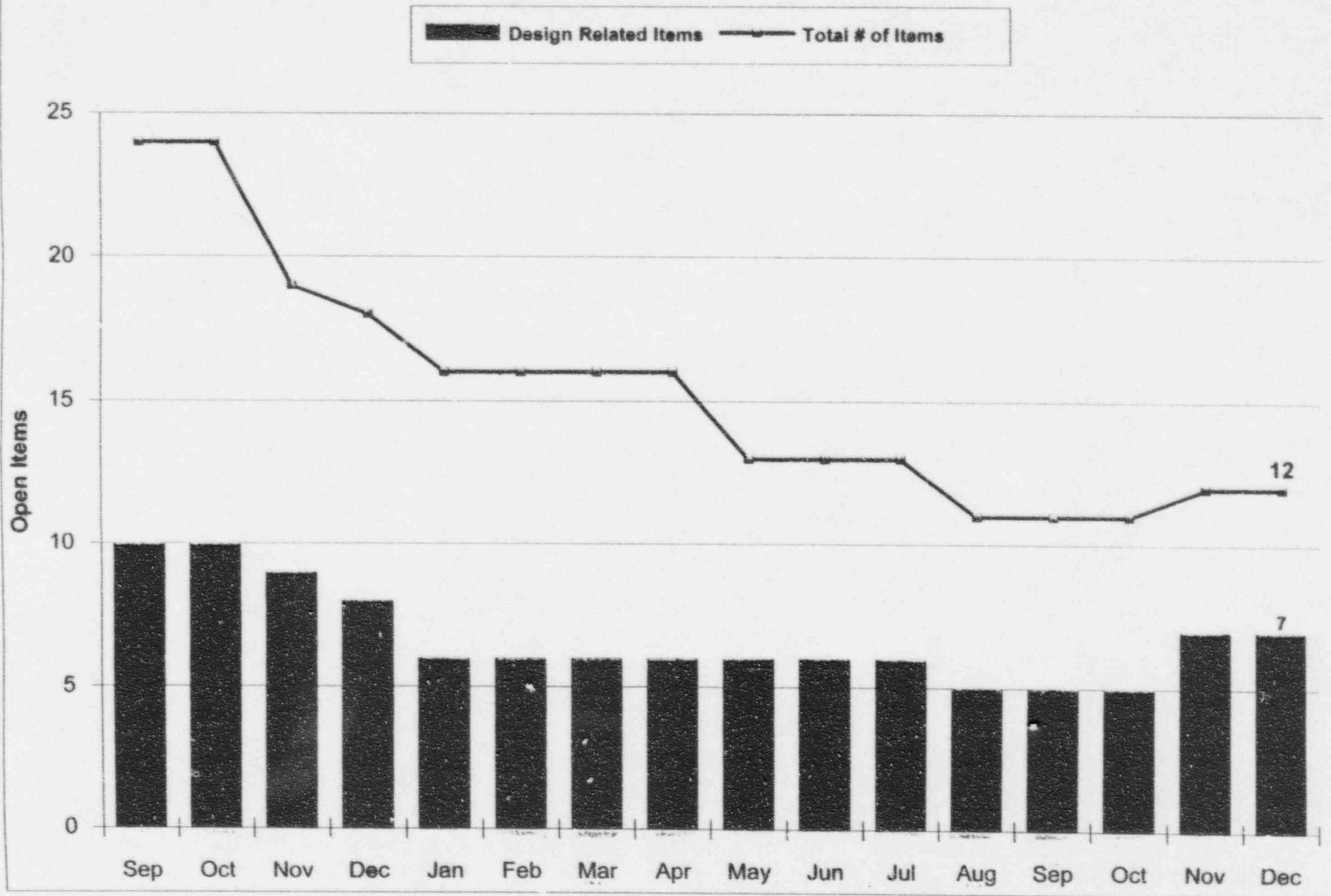
Control Room Deficiency Items



Field Change Notices per MAR



Design Related Plant Workaround Items



OPERATIONS

●MCAP Action Status

- »20 Actions Assigned
Due Dates

- »8 Actions Complete
(40%)

- »2 Actions Extended
(10%)

- EOP Upgrade

- Goals

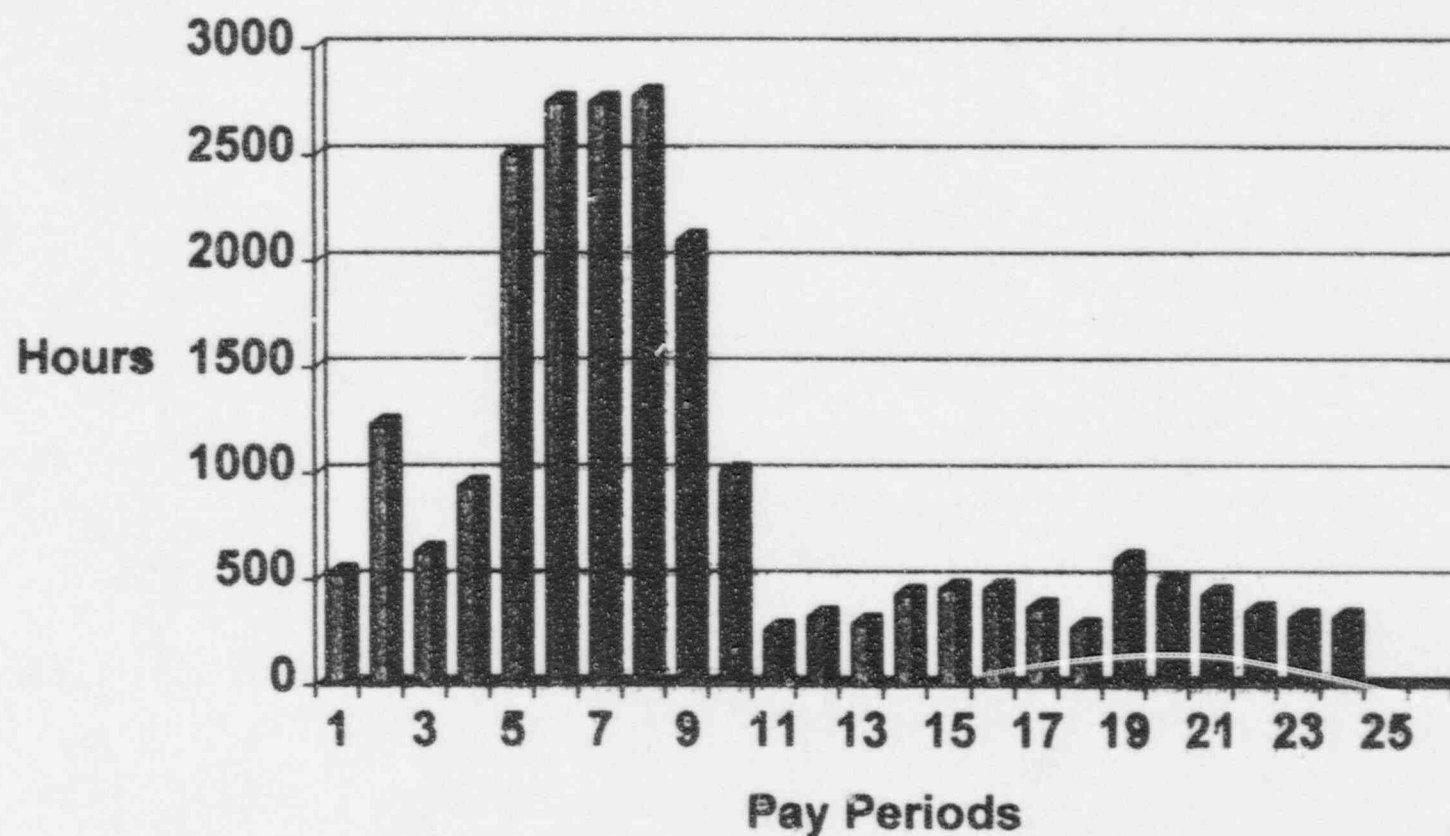
OPERATIONS

- Moving to 5 Shifts (1/20/97 - 8/1/97)
- 6 PPOs In RO License Class (6/98)
- 6 New SPOs (5/97)
- 2 NSSs Rotated Off Shift (1/97)
- 4 ROs Upgrading to SRO (6/97)
- 6 Instant SROs in Class (6/98)
- 6 New STAs (12/97)
- Re-Establishing Peer Operator
- EOP Project Support and Completion
- Management Self-Assessments

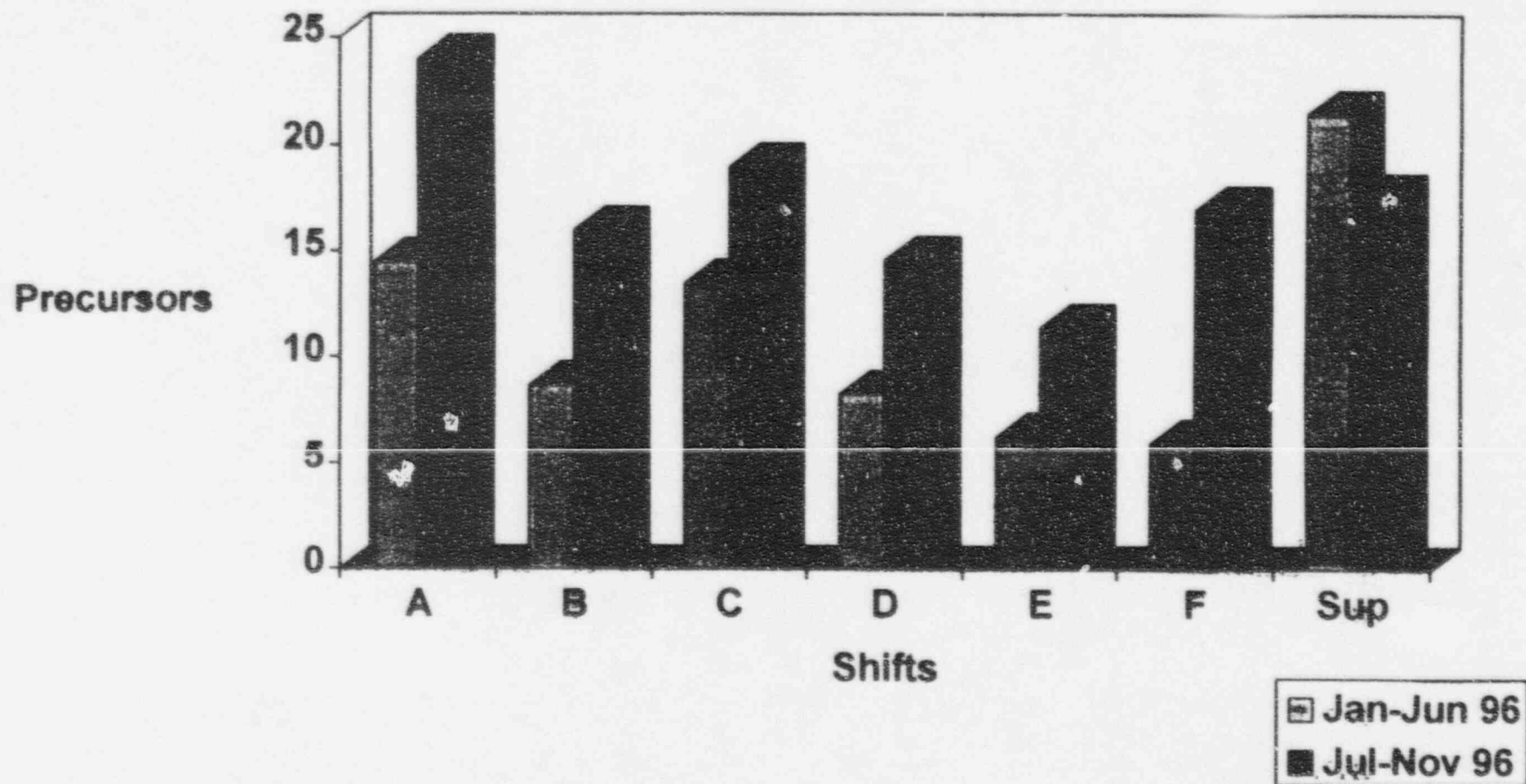
OPERATIONS

- Embedding Safety Culture
- OP Backlog Reduction in Progress
- AP Project has been Approved and Funded
- Communication and Teamwork with Engineering has been strengthened
- We Admit We have Problems
- We Understand and Embrace the Need to be Self-Critical

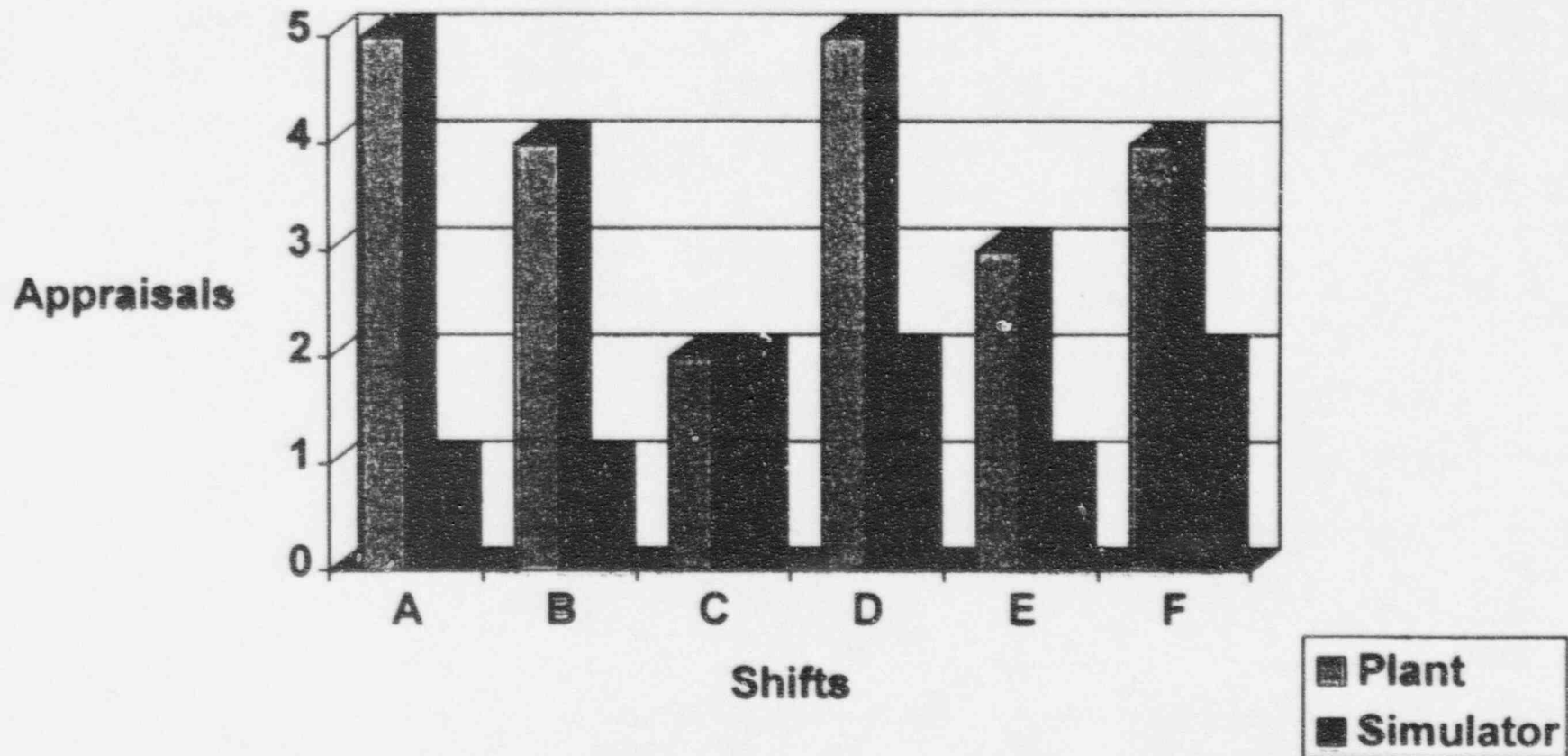
Operator Overtime Hours (1996)



Monthly Average of Precursor Cards by Shift

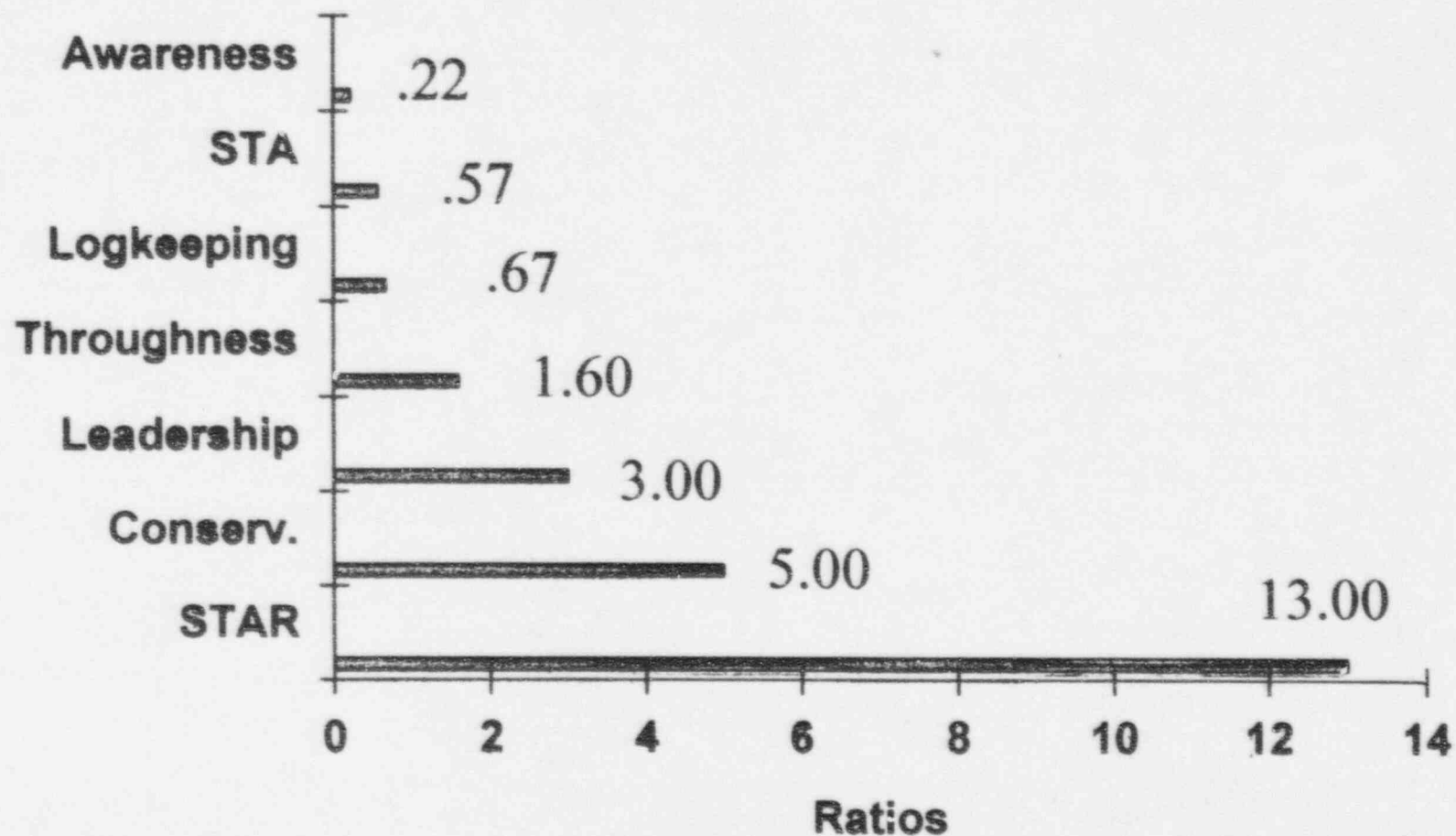


Watchstations Appraisals/Shift (1996)

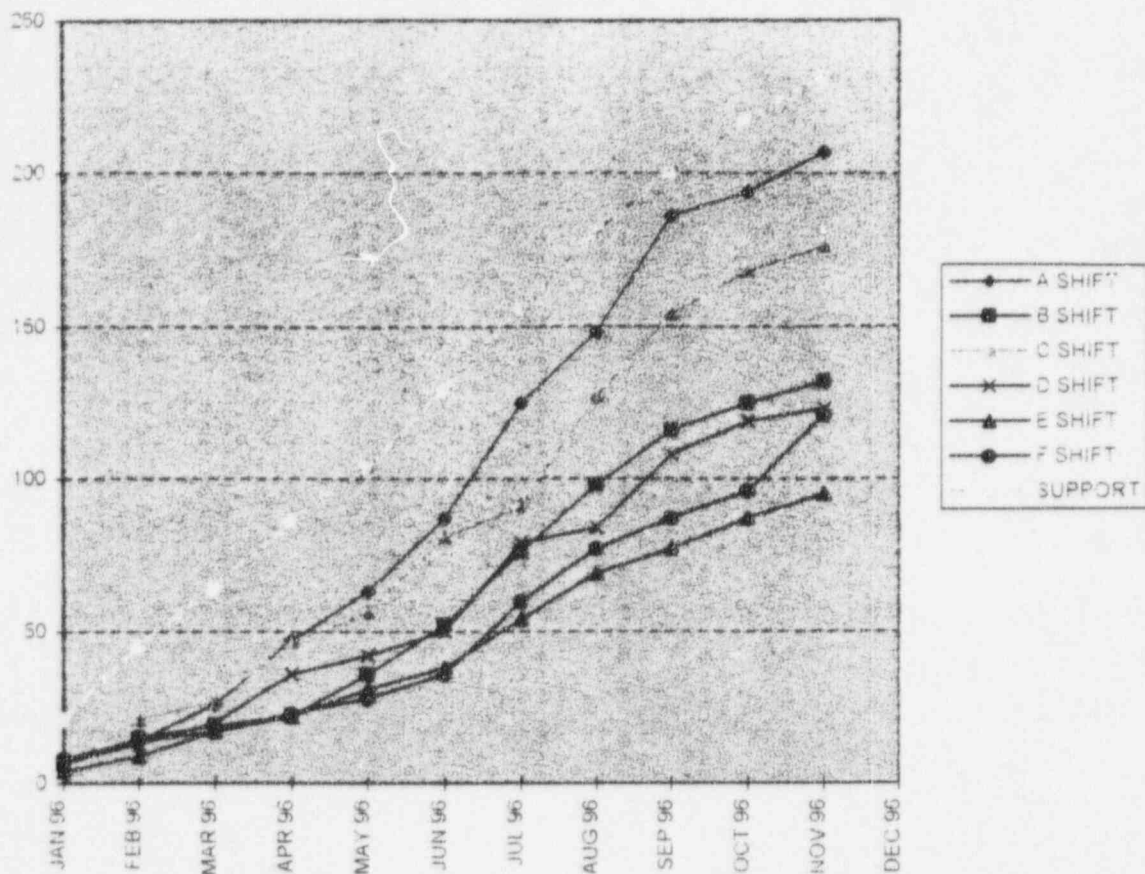


This is an indicator of those appraisals that were performed by operations managers and supervisors.

Self-Assessment Strength/Weakness Ratio (1996)



PRECURSOR CARDS GENERATED PER SHIFT
(Cumulative)



	A SHIFT	B SHIFT	C SHIFT	D SHIFT	E SHIFT	F SHIFT	SUPPORT
JAN 96	8	6	5	7	4	8	21
FEB 96	14	15	21	13	9	14	45
MAR 96	26	19	27	20	17	17	64
APR 96	47	22	46	36	22	23	86
MAY 96	63	36	56	42	31	28	104
JUN 96	87	52	81	50	38	36	129
JUL 96	125	76	91	79	54	60	156
AUG 96	148	98	127	84	69	77	181
SEP 96	186	116	154	108	77	87	200
OCT 96	194	125	168	119	87	96	218
NOV 96	207	132	176	123	95	121	232
DEC 96							

REGULATORY COMPLIANCE

● MCAP Action Status

- » 18 Actions With Due Dates

- » 8 Actions Complete (44%)

- » 4 Actions Extended (22%)

- Regulatory Process Improvements (Need Benchmarking)

REGULATORY COMPLIANCE

- Significant Achievements
 - » Licensing Expectations Complete
 - » Regulatory Process Training Conducted
 - 75% of Mgrs and Supervisors Attended
 - Capture Last 25% in 1997
 - » Compliance Reinforcement Complete
 - » Reportability Procedure Issued
 - » Conduct of PRC Procedure Revised
 - » Procedure Control Process Revised to Enhance Safety Evaluation

REGULATORY COMPLIANCE

- Self Assessment
 - » On-Site Work Complete
 - Interviews
 - Process Modelling
 - Staff Review of Of Findings
 - Senior Management Presentation
 - » Report Drafted - In Review
 - » Confirms IPAP, MCAP, SALP Findings
 - » Final Report 1/17
 - » Regulatory Process Improvement Plan 2/97
 - Benchmarking (1/27)
 - New Items Will Be Tracked in MCAP

REGULATORY COMPLIANCE

- 50.59 Upgrade

- » New Compliance Procedure
Drafted

- Single Point Site Implementation
- Segregates Safety Assessment
and USQ Determination
- Training and Qualification
Requirements Established

- » Safety Analysis Group
Refresher Training Complete

- » Identified Personnel to be
Qualified

- » Phased Implementation Start
3/3/97

REGULATORY COMPLIANCE

- FSAR Review Continuing
 - » 37 Chapters to be Reviewed
 - » 29 Complete (78%)
 - » 274 Findings to Date
 - » 66 Items Resolved
 - » 5 Potentially Significant Items
 - Reviewed By Restart Panel
 - » 88 Items Requiring Further Evaluation
 - » Will Docket Review Plan

REGULATORY COMPLIANCE

- Organization

- » New Director, Site Support
- » Net New Licensing Specialist Position Created
- » Hired ex-NRC Inspector
- » Hired Licensing Engineer From Outside
- » Added 4 Contractors
- » 1 “Graybeard” Consultant
- » Additional Outage Support
- » Planned Functional Re-organization

SUMMARY

- MCAP Essentially On Track
- Living Action Plan
- Achieving Results in All Areas
 - » Improved Oversight
 - NGRC, PRC, QPD Performance
 - Better Quality Root Causes (CARB)
 - Strengthened Line Management Accountability

SUMMARY

- Achieving Results in All Areas
(cont'd)
 - » Heightened Safety Culture
 - Ops Stopping Work
 - Continued Rate of PC Submittals
(Questioning Attitude)
 - Maintenance Work Practices Upgraded
 - » Improved Engineering Effectiveness
 - Reducing Backlogs
 - Design Review Boards Improving Ownership and Quality of Mods
 - Operations/Engineering Interface Enhanced

SUMMARY

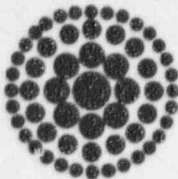
- Achieving Results in All Areas
(cont'd)
 - » Improving Configuration
/Design Basis Understanding
and Control
 - Plant Shut Down to Understand and
Address Design Issues
 - Established DB Definition and
Ownership
 - Safety Analysis Group Reviews 50.59s

SUMMARY

- Achieving Results in All Areas
(cont'd)

- » Regulatory Compliance
Improving

- Regulatory Awareness and Understanding Increased Through Training
- Better Quality Licensing Submittals (line management approval)
- Responding to Weaknesses in IRs



**Florida
Power**
CORPORATION

INTEROFFICE CORRESPONDENCE

Nuclear Plant Operations
OFFICE

NA-2C
MAC

231-3758
TELEPHONE

SUBJECT: Barriers of Defense for Core Safety

TO: All Nuclear Operations Employees

DATE: January 8, 1997

Attached for your information and use is a pamphlet entitled "Policy Statement on the Conduct of Nuclear Power Plant Operations". This pamphlet delineates the NRC policy on licensing of Nuclear Facilities and the Operators of these facilities. The intent in providing you this pamphlet is to heighten the awareness of all employees of the stringent requirements imposed by the Nuclear Regulatory Commission in obtaining and maintaining a License to operate a Nuclear Power Plant.

As illustrated below, we are all responsible for protecting the Reactor Core at CR-3. The Barriers of Defense in protecting the core are as follows:

First Barrier of Defense: Engineering and Design

Second Barrier of Defense: Maintenance and Procedures

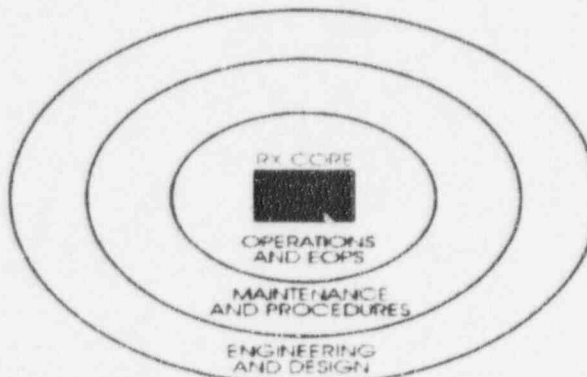
Third Barrier of Defense: Operations and Emergency Operating Procedures

Whenever we rely on "Operations" for core safety, we are transcending two barriers directly to our last line of defense. We should all think of ourselves as Operators in conducting our daily work activities at CR-3.

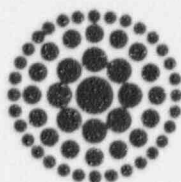
To this end we request each of you to familiarize yourselves with the enclosed Policy Statements and keep the pamphlet nearby for ready reference. By doing so, you will be enhancing our Safety Culture at CR-3.

Thank You,
Ron Davis
Ron Davis
Assistant Director,
Nuclear Plant Operations

BARRIERS OF DEFENSE FOR CORE SAFETY



ENCLOSURE 3



*Nuclear
Regulatory
Commission*

10 CFR Parts 50 and 55

*Policy Statement on the
Conduct of Nuclear Power
Plant Operations*

Agency:

Nuclear Regulatory Commission

Action:

Final policy statement

Summary:

This policy statement is being issued to make clear the Commission's expectation of utility management and licensed operators with respect to the conduct of nuclear power plant operations. The Commission believes that it is essential that utility management at each nuclear power reactor facility establish and maintain a professional working environment with a focus on safety in control rooms and throughout the plant. The Commission also believes that each individual licensed by the NRC to operate the controls of a nuclear

1

power reactor must be keenly aware that he or she holds the special trust and confidence of the American people, conferred through the NRC license, and that his or her first responsibility is to assure that the reactor is in a safe condition at all times. This policy statement specifically describes the Commission's expectations of utility management and licensed operators in fulfilling NRC regulations and prior guidance regarding the conduct of control room operations. The policy statement further provides the Commission's endorsement of industry initiatives to enhance professionalism by both management and plant operators.

Effective Date:

January 24, 1989

For Further Information Contact: Jack W. Roe, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Telephone: (301) 492-1004.

2

Supplementary Information:

Background

It is essential that control room operators are (1) well trained and qualified, (2) physically and mentally fit to carry out their duties, and (3) attentive to plant status relevant to their responsibilities to ensure the continued safe operation of nuclear facilities. It is also essential that management at each nuclear power reactor facility establish and maintain a professional working environment in which the licensed operator may be fully successful in discharging his or her safety responsibilities.

On a number of occasions, the NRC has received reports and has found instances of operator inattentiveness and unprofessional behavior in control rooms of some operating facilities. Reported instances include: (1) licensed operators observed to be apparently sleeping while on duty in the control room or otherwise being inattentive to their license obligations, (2) operators using entertainment

3

devices (for example, radios, tape players, and video games) in the control room in a way that might distract their attention from required safety-related duties, and (3) unauthorized individuals being allowed to manipulate reactivity controls. Such conduct is unacceptable and inconsistent with the operators' licensed duties.

The Commission has previously addressed its expectations of operator conduct in Commission regulations and regulatory guidance. Under 10 CFR 50.54(k), "An operator or senior operator licensed pursuant to Part 55 of this chapter shall be present at the controls at all times during the operation of the facility"¹ The continuous presence of a senior operator in the

control room to ensure that the operator at the controls is able to perform the actions and/or mitigate an accident is required by §50.54(m)(2)(iii). Commission regulations in 10 CFR Part 55 establish standards for licensing nuclear power plant operators.

The Commission has addressed operator training and qualifications and fitness-for-duty in policy statements.² The policy statement on training and qualifications endorsed the Institute of Nuclear Power Operations (INPO) managed Training Accreditation Program. The policy statement on fitness-for-duty endorsed the concept that the work place at nuclear power plants is to be drug and alcohol free. Fitness-for-duty rulemaking is under consideration by the Commission.³

Guidance regarding the conduct of licensed

¹ Copies of Title 10, Code of Federal Regulations, Parts 50 to 55 and Parts 51 to 199 (revised January 1, 1988), may be purchased from the Superintendent of Documents, U.S. Government Printing Office, by calling (202) 275-2060 or by writing to the U.S. Government Printing Office, P.O. Box 37082, Washington, DC 20013-7082. Copies may also be purchased from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161. A copy of 10 CFR is available for inspection and/or copying for a fee in the NRC Public Document Room 2120 L Street, NW, Washington, DC.

² Policy Statement on Training and Qualification of Nuclear Power Plant Personnel (50 FR 11147, March 20, 1985, and amended 53 FR 46603, November 18, 1988) and Policy Statement on Fitness-for-Duty of Nuclear Power Plant Personnel (51 FR 27921, August 4, 1986).
³ Proposed Rule on 10 CFR Part 26 Fitness-for-Duty Programs (53 FR 36795, September 22, 1988).

operators and control room operations has been addressed in an NRC Circular and in NRC Information Notices.⁴ Specifically, IE Information Notice 79-20, Revision 1, emphasized that only licensed operators are permitted to manipulate controls [10 CFR 50.54(i)] and that a licensed operator is required to be present at the controls during facility operation [10 CFR 50.54(k)]. IE Circular 81-02 provided the following guidance: (1) knowledge of the plant's status must be ensured during shift changes by a formal watch turnover and relief, (2) licensed operators must be alert and attentive to instruments and controls, (3) potentially distracting activities in the control room must be prohibited, (4) access to the control room must be limited, and (5) eating and training activities should not compromise operator attentiveness or a professional atmosphere. Information Notice 85-53 reiterated the guidance of

⁴ IE Circular 81-02, dated February 9, 1981; Information Notice 79-20, Revision 1, dated September 7, 1979; Information Notice 85-53, dated July 12, 1985; Information Notice 87-21, dated May 11, 1987, and Information Notice 88-20, dated May 5, 1988 (available at the NRC Public Document Room at 2120 L Street, NW, Washington, DC).

IE Circular 81-02.

In Information Notice 87-21, the NRC informed all nuclear power reactor facilities and licensed operators about certain licensed operators observed to be apparently sleeping while on duty. The notice reaffirmed the necessity for high standards of control room professionalism and operator attentiveness to ensure safe operation of nuclear power facilities. Further, Information Notice 88-20 reiterated the concern about unauthorized individuals manipulating controls and performing control room activities.

The Commission is aware that the industry has taken action to foster the development of professional codes of conduct by operators and has worked toward establishing management principles for enhancing professionalism of nuclear personnel. The Commission believes that such an operator code of conduct developed by operators and supported by utility management can contribute to operator professionalism and commend the industry and especially the operators who

contributed to these efforts. The Commission encourages and supports the prompt and effective implementation of these industry initiatives at each licensed power reactor.

The Commission has decided to issue this policy statement to help foster the development and maintenance of a safety culture at every facility licensed by the NRC, and to make clear its expectations of utility management and licensed operators in fulfilling NRC regulations and prior guidance regarding the conduct of control room operations.

8

importance lies not just in the practices themselves but also in the environment of safety consciousness which they create. Clear lines of responsibility and communication are established; sound procedures are developed; strict adherence to these procedures is demanded; internal reviews are performed of safety related activities; above all, staff training and education emphasize the reasons behind the safety practices established, together with the consequences for safety of shortfalls in personal performance.

"These matters are especially important for operating organizations and the staff directly engaged in plant operation. For the latter, at all levels, training emphasizes the significance of their individual tasks from the standpoint of basic understanding and knowledge of the plant and the equipment at their command, with special emphasis on the reasons underlying safety limits and the safety consequences of violations. Open attitudes are required in such staff to ensure that information relevant to plant safety is freely communicated; when errors of practice

10

Policy Statement

The Commission believes that the working environment provided for the conduct of operations at nuclear power facilities has a direct relationship to safety. Management has a duty and obligation to foster the development of a "safety culture" at each facility and to provide a professional working environment, in the control room and throughout the facility, that assures safe operations. Management must provide the leadership that nurtures and perpetuates the safety culture. In this context, the term "safety culture" is defined as follows:

"The phrase 'safety culture' refers to a very general matter, the personal dedication and accountability of all individuals engaged in any activity which has a bearing on the safety of nuclear power plants. The starting point for the necessary full attention to safety matters is with the senior management of all organizations concerned. Policies are established and implemented which ensure correct practices, with the recognition that their

9

are committed, their admission is particularly encouraged. By these means, an all pervading safety thinking is achieved, allowing an inherently questioning attitude, the prevention of complacency, a commitment to excellence, and the fostering of both personal accountability and corporate self-regulation in safety matters."⁵

Nuclear power plant operators have a professional responsibility to ensure that the facility is operated safely and within the requirements of the facility's license, including its technical specifications and the regulations and orders of the NRC. Mechanical and electrical systems and components required for safety can and do fail. However, the automated safety features of the plant, together with the operator, can identify at an early stage degradation in plant systems that could affect reactor safety. The operator can take action to mitigate the situation. Therefore, nuclear

⁵ International Nuclear Safety Advisory Group (INSAG)-3. Basic Safety Principles for Nuclear Power Plants.

11

power plant operators on each shift must have knowledge of those aspects of plant status relevant to their responsibilities, maintain their working environment free of distractions, and using all their senses, be alert to prevent or mitigate any operational problems. Each individual licensed by the NRC to operate the controls of a nuclear power reactor must be keenly aware that he or she holds the special trust and confidence of the American people, conferred through the NRC license, and that his or her first responsibility is to assure that the reactor is in a safe condition at all times.

The following criteria reflect the Commission's expectations concerning the conduct of operations in control rooms and licensed operators at nuclear reactors consistent with 10 CFR 50.54 and guidance provided in an NRC Circular and Information Notices:

- Conduct within the control room should always be professional and proper, reflecting a safety-minded approach to routine operations. The operator "at the controls" and the immediate supervisor must never relinquish their safety responsibilities unless properly relieved, including a thorough turnover briefing, by a qualified operator.
- Activities within the control room should be performed with formality. Operator actions must be in accordance with approved procedures. Verbal communications should be clear and concise. Appropriate consideration should be given to the need for acknowledgement and verification of instructions received.

- The control room of a nuclear power plant, and in particular the area "at the controls", must be secure from intrusion. Access should be strictly controlled by a designated authority; only authorized personnel should be permitted to be present in the control room; and regulatory restrictions concerning manipulation of the controls must be meticulously observed.
- The operator at the controls, and the immediate supervisor, must be continuously alert to plant conditions and ongoing activities affecting plant operations, including conditions external to the plant such as grid stability, meteorological conditions, and change in support equipment status; operational occurrences should be anticipated; alarms and off-normal conditions should be promptly responded to; and problems affecting reactor operations should be corrected in a timely fashion.
- Activities within the control room should be limited to those necessary for the safe operation of the plant. Management should

provide the direction, facilities, and resources needed to accommodate activities not directly related to plant operations.

- Activities outside the control room with the potential to affect plant operations, such as on-line maintenance and surveillance, should be fully coordinated with the control room. Effective methods for communication with or notification of the operator at the controls should be established and maintained throughout each evolution.
- Written records of plant operations must be carefully prepared and maintained in accordance with requirements for such records and in sufficient detail to provide a full understanding of operationally significant matters.
- The working environment in the control room should be maintained to minimize distractions to the operators. Management should act to remove distractions that would interfere with the operator's ability to monitor the plant either audibly or visually,

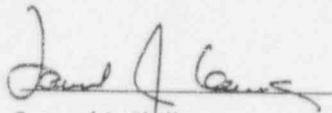
including work activities that are not related to the operator's immediate responsibility for safe plant operation. Consideration should be given to reducing environmental distractions such as lighted alarms that are not operationally significant, or alarms that signify normal operating conditions.

- Foreign objects and materials not necessary for plant operations, ongoing maintenance, or surveillance testing should be restricted from the area "at the controls" to preclude inadvertent actuation of the controls or contamination of control devices.

16

Dated at Rockville, Maryland, this 17th day of January, 1989.

For the Nuclear Regulatory Commission.



Samuel J. Chilk
Secretary of the Commission.

18

Implementation of Policy

The Commission intends this Policy Statement to make clear the Commission's expectations and to provide guidance to licensees in improving and assessing the conduct of operations in the control rooms of nuclear power plants. The Commission believes that utility management should routinely monitor the conduct of operations at the plant, particularly in the control room, and review their procedures and policies on the conduct of operations, considering the guidance of this policy statement, to assure they support an environment for professional conduct.

Nothing in this policy statement limits the authority of the NRC to take appropriate enforcement action for violations of Commission requirements or on matters otherwise affecting the safe operation of the plant and thus the public health and safety.

17

Notes:

RESTART ISSUES
Regulatory Items - B. Gutherman

Approved: G. L. Boldt
G. L. Boldt
Restart Panel Chairman

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
R-1	GL 96-01 review. Address issues identified as a result of GL 96-01 reviews (SP-130).	GL 96-01 testing PR-96-0129 PR-96-0435 LER 96-011-00 LER 96-025-00	J. Maseda	All corrective actions associated with PR-96-0129 and LER 96-011-00 are complete. Corrective Action Step #2 of PR-96-0435, "Perform SP-130 prior to Mode 3" is the only open item.
R-2	T.S. amendment(s) for EDG load uprate: - diesel generator load ratings - fuel storage - kw meters Supports resolution of EDG USQs through modifications. Involves changes to technical specifications and bases. (See item D-6)	LER 96-020-00 LER 96-025-00	B. Gutherman	Tech Spec change for 150 kw upgrade has been drafted. Awaiting Engineering/Ops/Licensing positions on whether to proceed.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

ENCLOSURE 4

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
R-3	Complete maintenance rule structural baseline inspection of the RB.	N/A	J. Terry	RB walkdown inspection schedule will be issued by 1/10/97. Additional engineers will be on-site the week of 1/13/97 to commence the walkdowns.
R-4	ASV-204 license amendment to resolve USQ. Supports resolution of USQ(s) generated as a result of these modifications. (See item D-5)	PR-96-0419	B. Gutherman	See Issue R-2. likely will be a combined submittal.
R-5	DH-45-FI license amendment. Inoperable flow instrument contradicts license condition 2.C.(5). Resolution may require license amendment.	PR-96-0444	B. Gutherman	Awaiting gravity drain calculation from Engineering which is currently being finalized.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
R-6	FSAR table 8-1.8-2 update (EDG load listing). New loads are being calculated to support post-modification configuration. Revised FSAR table will be submitted prior to restart.	FPC letter to NRC 3F1196-01, dated November 18, 1996 FSAR Revision 23	B. Gutherman	Engineering calculations in progress.
R-7	Possible short term ITS change to allow DCV 17/18, 177/178 modification. Installation may simultaneously block valve control for two DH trains. Safest time to install is MODE 3 or higher, when RCPs are running and OTSG cooling is available. (See item D-10)	PR-96-0041 PR-96-0220	B. Gutherman	Need to discuss need for this with Project Team.
R-8	Complete and submit the 10CFR50.54(f) letter response.	NRC letter to FPC dated 10/9/96	R. Widell	In progress. Draft letter scheduled to be out for comment - 1/10/97 to meet issue date - 2/5/97.
R-9	Submit LPI mission time test results. (See item D-3)	PR-96-0311	B. Gutherman	Awaiting Engineering review of draft copy.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
R-10	Submit and receive approval for T. S. amendment for ILRT, Appendix J, option B.	N/A	B. Gutherman	Tech Spec change approved by PRC - 1/6/97. Scheduled to undergo NGRC review - 1/15/97.
R-11	Complete review of the ASME Section XI Code Class 1,2,3 inspection program and disposition any concerns that arise.	PR-96-0092-03	S. Roe	Review is currently on-going with scheduled completion date of February 28, 1997.

Acronyms listed below correspond to those items listed in the Issue Identifier column

(*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

RESTART ISSUES
 Design Readiness/Extent of Condition Items - F. Sullivan

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-1	HPI pump recirculation to the makeup tank. Changes needed to eliminate or control recirculation flow to MUT post-LOCA to prevent relief valve from lifting.	CR3 D.I.1 PR-96-0440 FPC letter to NRC 3F1096-22, dated 10/28/96, Item 1.	F. Sullivan D. Jopling B. Vaughn	Preliminary work scope to develop MAR currently in progress.
D-2	HPI system modifications to improve SBLOCA margins. Revise to close MUV-27 on 1500 psig HPI initiation signal instead of 4 psig RBIC signal.	CR3 D.I.2 LER 96-006-00 LER 96-006-01 IFI 96-003-16 FPC letter to NRC 3F1096-22, dated 10/28/96, Item 2. WARN #2	F. Sullivan B. Vaughn	MAR being developed. Conceptual DRB to be scheduled.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-3	LPI pump mission time. Extend allowed low-flow time using test data and evaluation of results (pump teardown and inspection).	CR3 D.I.3 URI 96-201-01 OCR:DH-96-DHP-1A/1B-3 PR-96-0311 FPC to NRC letter 3F1096-22, dated 10/28/96, Item 3.	J. Terry	Received draft copy of mission time report - 1/2/97. Report currently being reviewed by Engineering.
D-4	Reactor building spray pump 1B NPSH. Tear down pumps, perform flow test (and modify impeller, if required) to reduce NPSH required.	CR3 D.I.4 URI 96-201-02 OCR:BS-96-BSP-1B FPC to NRC letter 3F1096-22, dated 10/28/96, Item 4.	J. Terry	Completed "as-found" test of spare rotating assembly. Modification to gain NPSH _a currently in progress.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-5	Emergency feedwater system upgrades and diesel generator load impact: - cavitating venturis - automate cross tie valve EFV-12 - EFIC compensating module - Add ASV-204 "A" auto signal Reverses previous modification which removed "A"-side auto-start signal from steam inlet valve to "B"-side EFW pump. These modifications address the NPSH issue and/or reduce operator burden.	CR3 D.I.5 URI 96-12-01 VIO 96-09-07 PR-96-0419 FPC to NRC letter 3F1096-22, dated 10/28/96, Item 5.	F. Sullivan J. Endsley S. Koleff C. Miller	Some component module shipped off-site for modification. Conceptual DRB approved and MAR is being developed. Plan to have Framatome do actual design. ASV-204: Conceptual DRB approved and MAR is being developed. EFV-12: Conceptual DRB approved and MAR is being developed. Cavitating venturis MAR being verified. Final DRB has been scheduled.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-6	<p>Emergency diesel generator loading:</p> <ul style="list-style-type: none"> - capacity uprate - remove nonessential load(s) - kw meter accuracy improvement - CT/PT changes - Calibration equipment upgrade - extend the 30 minute rating to a 90 minute rating <p>Increases the continuous 2000 hr. and 200 hr. ratings. Thirty (30) minute rating duration may be increased. Reduces connected load. Allows more accurate testing measurement of EDG output.</p>	<p>CR3 D.I.6 EEI 96-12-02 OCR:EG-96-EGDG-51A/1B</p> <p>LER 96-020-00 LER 96-025-00</p> <p>FPC to NRC letter 3F1096-22, dated 10/28/96, Item 6.</p>	<p>F. Sullivan C. Miller J. Endsley</p>	<p>Remove non-essential loads: DRB to be rescheduled. MAR is being developed.</p> <p>Kw meter improvement accepted. Conceptual DRB approved. MAR almost complete.</p> <p>New calibration equipment has been ordered.</p> <p>EDG capacity update: MAR issued. Field work to begin week of 1/13/97.</p>

Acronyms listed below correspond to those items listed in the Issue Identifier column

(*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-7	<p>Failure modes and effects analysis (FMEA) of loss of DC power.</p> <p>Extensive review of scenario citing several recent design basis problems.</p>	<p>CR3 D.I.7</p> <p>FPC to NRC letter 3F1096-22, dated 10/28/96, Item 7.</p>	J. Maseda	<p>The draft FMEA Basis / Methodology document has been completed. System reviews have been prioritized and all work is scheduled to be completed by 4/21/97. The schedule change (from 3/4/97) was due to the additional work needed to evaluate the impact on 120v Vital AC circuits.</p>

Acronyms listed below correspond to those items listed in the Issue Identifier column

(*)

- EEI - Escalated Enforcement Item
- EA - Enforcement Action
- IDRP - Independent Design Review Panel
- IFI - Inspector Follow-up Item
- IPAP - Integrated Performance Assessment Process
- GL - Generic Letter
- LER - Licensee Event Report
- MCAP II - Management Corrective Action Plan, Phase II
- OCR - Operability Concerns Resolution
- PC - FPC Precursor Card
- PR - FPC Problem Report
- REA - Request for Engineering Assistance
- WARN - FPC Workaroundlist
- URI - Unresolved Item
- VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-8	GL 96-06 (thermal overpressure protection for containment piping, penetrations, and coolers). Will address overpressure issue with hardware mods. Will evaluate and address susceptibility to other issues.	CR3 D.I.8 IFI 96-08-02 OCR: RB-96-penetrations FPC to NRC letter 3F1096-22, dated 10/28/96, Item 8.	F. Sullivan D. Jopling	MAR for expansion chambers has been DRB approved and awaiting PRC review. Sargent & Lundy calculation for SW system received. Will develop a MAR to address the other two issues of GL 96-06 which will be based on the Sargent & Lundy recommendations of the calculation.
D-9	Discrepancies in HPI design basis analysis. Re-confirm key hydraulic model inputs.	URI 96-01-02	F. Sullivan C. Miller	Vendor is to perform test on stop-check valve to validate hydraulic model.
D-10	DCV 17/18, 177/178 positioners (Mode 3 or above). Addresses non-safety related controllers on SR valves.	URI 96-201-04 PR-96-0041 PR-96-0220	K. Lancaster	Ops waiting to work MAR on-line (MODE 1) with a currently anticipated date of 6/26/97. Reference: install T-MAR (94-04-04) and install permanent MAR (94-09-02).

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-11	Appendix R review: - transformer protection devices - hot short effect on remote S/D panel fuses - approval of NI detector TSI removal Addresses design/licensing basis issues found in Appendix R review.	VIO 96-06-06	W. Rossfeld	Completed independent assessment. Draft report of the assessment currently in the review cycle.
D-12	EDG protective trips not bypassed during emergency mode of operation. New EDG trips added by plant modification not bypassed during emergency mode of operation.	IFI 96-261-04 PR-96-0263	F. Sullivan J. Endsley B. Knoll	50.59 had been re-done and is currently under review.
D-13	Develop system timelines for EF, MU, DH, BS, EG modifications, analysis and related Licensing correspondence. Extent of Condition element.	N/A	P. Tanguay	Work currently in progress.
D-14	Re-perform the diesel loading calculation. Confirmation of existing calculation.	EEI 96-12-04	F. Sullivan J. Endsley	Currently project is on hold. Working on 500 kv backfeed calculation.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-15	Review a sample (20) of past modification 50.59's. Extent of Condition element.	N/A	R. Knoll	Completed initial review. Arranging for second level review of 50.59's.
D-16	Perform an integrated safety assessment of current outage modifications. Back-end look at modifications made this outage to assess aggregate safety impact.	N/A	F. Sullivan	Safety assessment being initiated on EDG week of 1/13/97.
D-17	Complete NPSH review of EFP suction swapover from EFT to CST. Hydraulic issue. No check valves between tanks.	REA 96-0788	F. Sullivan C. Miller	Final calculation received from Parsons. Third party review by NOE is in progress.
D-18	Resolve NPSH concern when SFP's are used to recirc BWST. Hydraulic issue. LOCA during SFP recirculation of BWST would add to friction loss in a portion of one train's ECCS suction lines.	PR-96-0360	P. Ezell	A meeting has been scheduled for 1/17/97 to discuss this issue.

Acronyms listed below correspond to those items listed in the Issue Identifier column

(*)
 EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
D-19	Correct RMG-29/30 seismic mounting. Control board mounting of high-range containment radiation monitor instrumentation is not seismically qualified.	PR-96-0267	F. Sullivan B. Vaughn	Conceptual walkdown complete. Minor MAR/calc required to resolve. No DRB planned or required.
D-20	Correct RWP cyclone separator fouling. SR seawater source of RWP bearing flush water. Addresses repetitive plugging of fouling/corrosion.	PR-96-0441	F. Sullivan D. Jopling	Currently developing an action plan to address this issue.
D-21	ESCP-1 upgrade from non-safety to safety related.	PR-96-0195 LER 96-019-00	F. Sullivan J. Endsley	Preparing for conceptual DRB.
D-22	Complete review of the cable ampacity issue and address any operability concerns that arise.	PR-92-0057 PC #96-3705	F. Sullivan J. Endsley	Information is being gathered in preparation to developing analytical model.

Acronyms listed below correspond to those items listed in the Issue Identifier column

(*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

RESTART ISSUES
 Maintenance/Materiel Condition Items - J. Campbell/J. Terry

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
M-1	Toxic gas monitoring (CL ₂ Channels) - Repetitive failures.	PR-96-0382	J. Terry	Interim actions in-place to improve reliability are effective. Long term plan being developed (prior to start-up).

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

M-2	Main control board deficiencies - too many. (Goal <10). Resolve all that can be resolved without de-fueling or having to be at power.	WARN #47	J. Campbell	Update as of 1/2/97: Maintenance working - 9 Planning hold - 1 Scheduling hold - 4 Material hold - 1 Engineering hold - 6 Engineering needs to evaluate why 4 to 5 new deficiencies are being added to the list weekly as this challenges the goal to get the number below 10.
M-3	MUV-103 - repetitive seat leakage.	PR-96-0121 WARN #49	J. Terry	Conceptual design change development in progress.
M-4	Surveillance (charcoal) testing complete on air handling system.	OCR: AH-96-AHFL-1 AH-96-AHFL-2A AH-96-AHFL-2B AH-96-AHFL-2C AH-96-AHFL-2D	J. Terry	Resolve discrepancy with in-place filter testing criteria for AHFL-1/2.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

M-5	Turbine lube oil piping failure analysis. Determine cause of piping failure and implement actions to prevent recurrence.	PR-96-0350 (in particular, Corrective Action Steps 5 and 7)	J. Terry PR-96-0350-05: M. Donovan/M. Clary PR-96-0350-07: A. Washburn/T. Sesler	PR-96-0350-05: Perform a component failure analysis of the crack in the pipe is due January 20, 1997 PR-96-0350-07: Perform formal root cause analysis of the event is due February 1, 1997
-----	---	--	--	--

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

RESTART ISSUES
 Organizational and Programmatic (O & P) Items - D. Wilder

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
OP-1	Improve safety culture: <ul style="list-style-type: none"> - establish site wide priorities which emphasize a safety culture - communicate, advertise, coach, and constantly reinforce safety culture down throughout the organization - conduct a Safety Culture Index which will be evaluated at periodic intervals 	MCAP II	P. Beard	Restart/Direction '97 Standdown occurred January 6, 1997. Handouts given to all personnel outlined the Restart Plan. Restart Management Guideline, present status of the Restart Issues and the Nuclear Operations Vision.
OP-2	Upgrade the problem reporting (CP-111) program. Eliminates problem reports and replaces with one graded precursor approach.	IPAP Report MCAP II	J. Baumstark	CP-111, Revision 55, issued. Effective date - 11/22/96.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
OP-3	Upgrade the root cause (CP-144) program.	IPAP Report EEI 96-12-03	J. Baumstark	Work currently in progress.
OP-4	Upgrade the operability/reportability (CP-150/151) program. Separate and better define the two processes. Provide better guidance for decision making.	VIO 94-27-02 VIO 94-27-03	R. Davis	CP-150 draft complete. CP-151, Revision 0, issued. Effective date - 11/22/96.
OP-5	Upgrade the 50.59 review process. Improve program and provide training to the people to be qualified for writing and reviewing 50.59s.	EEI 96-12-03	B. Gutherman	New CP drafted. Expect approval of all affected procedures by 2/28/97.
OP-6	Upgrade the engineering calculation process. Address issue of using unverified case studies.	EEI 96-12-04 EA 95-126 NOV I.D.:	K. Baker	Current scheduled due date - March 1997.

Acronyms listed below correspond to those items listed in the Issue Identifier column

(*) EEI - Escalated Enforcement Item
 EA - Enforcement Action
 IDRP - Independent Design Review Panel
 IFI - Inspector Follow-up Item
 IPAP - Integrated Performance Assessment Process
 GL - Generic Letter
 LER - Licensee Event Report
 MCAP II - Management Corrective Action Plan, Phase II
 OCR - Operability Concerns Resolution
 PC - FPC Precursor Card
 PR - FPC Problem Report
 REA - Request for Engineering Assistance
 WARN - FPC Workaroundlist
 URI - Unresolved Item
 VIO - Violation

January 9, 1997

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
OP-7	Upgrade the design basis program to include: - ownership - definition - documents included in scope (clearly define intent)	IDRP Report IPAP Report	K. Baker	Action complete. NOD-55, Revision 0, issued. Effective date - 12/30/96.
OP-8	Establish a high-level configuration control procedure (NOD). Establish and document management expectations for the program.	VIO 96-05-05 VIO 96-09-06	K. Baker	Current scheduled due date - June 1997.

Acronyms listed below correspond to those items listed in the Issue Identifier column

(*)

- EEI - Escalated Enforcement Item
- EA - Enforcement Action
- IDRP - Independent Design Review Panel
- IFI - Inspector Follow-up Item
- IPAP - Integrated Performance Assessment Process
- GL - Generic Letter
- LER - Licensee Event Report
- MCAP II - Management Corrective Action Plan, Phase II
- OCR - Operability Concerns Resolution
- PC - FPC Precursor Card
- PR - FPC Problem Report
- REA - Request for Engineering Assistance
- WARN - FPC Workaroundlist
- URI - Unresolved Item
- VIO - Violation

January 9, 1997

RESTART ISSUES
 Operator Readiness Items - R. Davis

ISSUE #	DESCRIPTION	ISSUE IDENTIFIER (*)	ACTION ASSIGNED TO	STATUS
0-1	OP-103 A&B curves - need to be validated. Verify and validate whether curves are design basis and what that basis is.	URI 96-201-03 URI 96-201-05 EA 95-126 NOV I.C.2 WARN #21 & #24	J. Maseda	Phase 1 - Review of curves in-progress. Scheduled completion date - 3/97. Phase 2 - Implementation of recommendations from Phase 1. Scheduled completion date - 8/97. Phase 3 - Implementation of procedure changes. Scheduled completion date - 10/97.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997

0-2	<ul style="list-style-type: none"> - Verify SP's for containment integrity; SP-324, 341, 346. - Develop new detailed as-built mechanical penetration drawings. - Address tests, vents, and drains issue. 	LER 96-018-00 LER 96-018-01	J. Maseda	Project approximately 40% complete. To date, forty-one penetrations have been completely walked-down. Seven mismatches between the FSAR and the 315 scope have been found. Twelve more penetrations are in various walk-down status. A decision has been made to walk-down the penetrations related to the thermal reliefs before that modification starts; then go back to verify the MAR components once completed.
0-3	Complete operator training on EOP/AP/OP changes resulting from restart issues.	N/A	R. Davis	Currently awaiting MAR package.

Acronyms listed below correspond to those items listed in the Issue Identifier column

- (*)
- EEI - Escalated Enforcement Item
 - EA - Enforcement Action
 - IDRP - Independent Design Review Panel
 - IFI - Inspector Follow-up Item
 - IPAP - Integrated Performance Assessment Process
 - GL - Generic Letter
 - LER - Licensee Event Report
 - MCAP II - Management Corrective Action Plan, Phase II
 - OCR - Operability Concerns Resolution
 - PC - FPC Precursor Card
 - PR - FPC Problem Report
 - REA - Request for Engineering Assistance
 - WARN - FPC Workaroundlist
 - URI - Unresolved Item
 - VIO - Violation

January 9, 1997