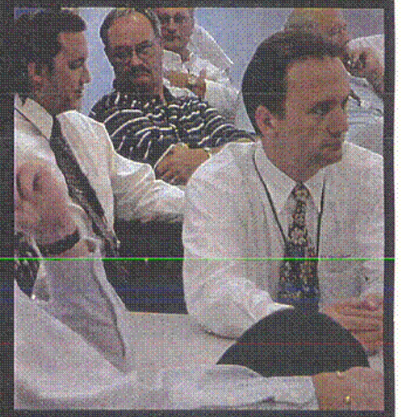
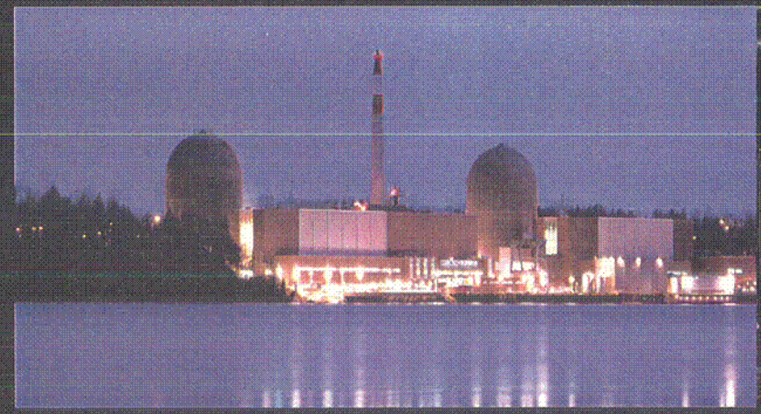
Entergy

Fundamentals Improvement Plan Update Indian Point Unit 2

May 30, 2002



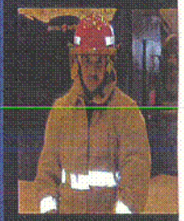


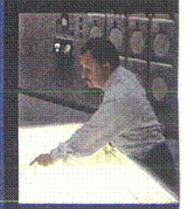
Agenda

- **Overview** — Fred Dacimo, Vice President - Operations
- **Performance Indicators** — Paul Rubin, Operations Manager

Jim Comiotes
Director, Nuclear Safety Assurance

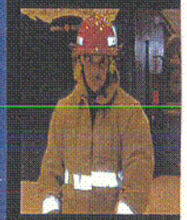
Geoff Schwartz,
Director of Engineering

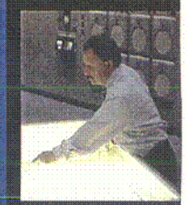




Overview

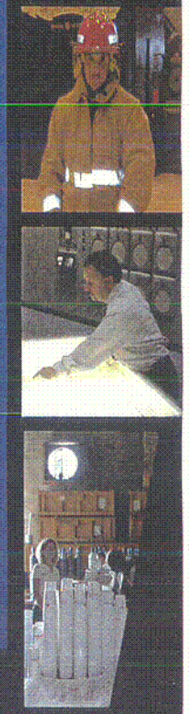
Fred Dacimo
Vice President, Operations



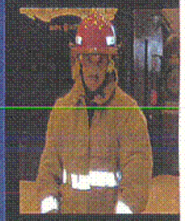


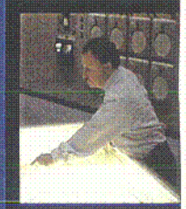
Fundamentals Improvement Plan in Service for 6 months

- The plan is working
- Timeliness AND quality together
- Results NOT activities
- Follow up where needed



Paul Rubin
Operations Manager





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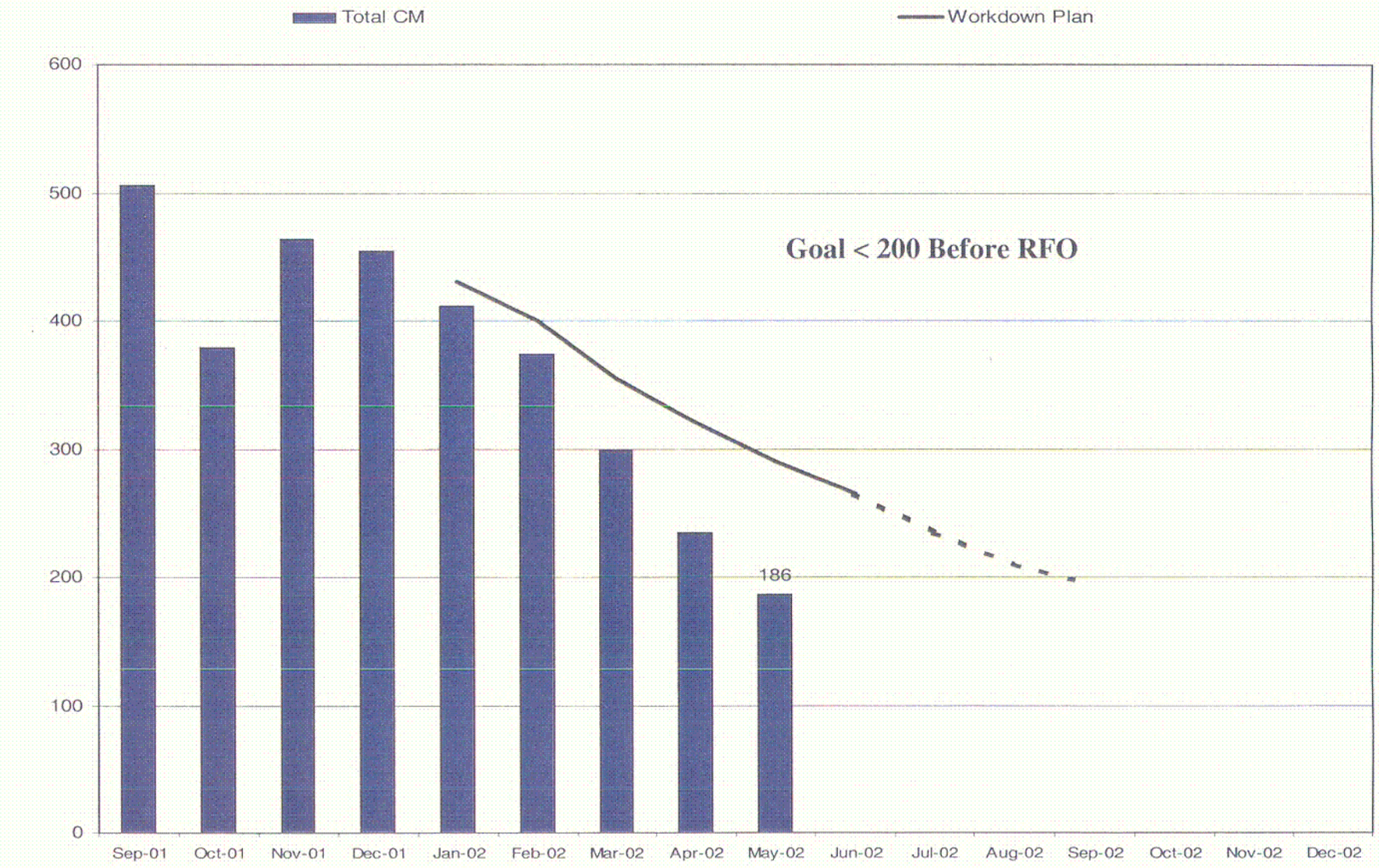
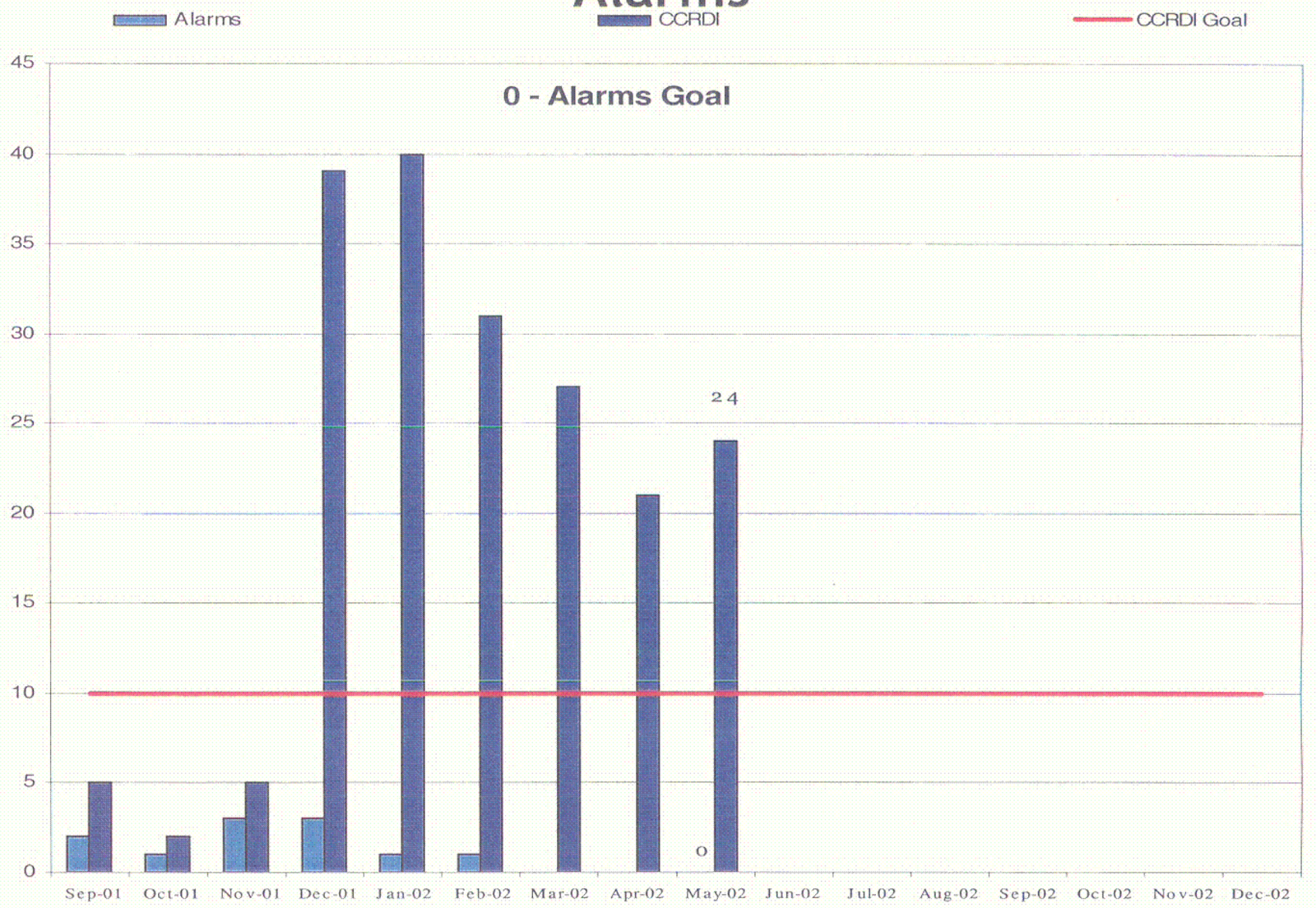
Leadership *Standards* *Accountability*

Non-Outage Corrective Maintenance Backlog

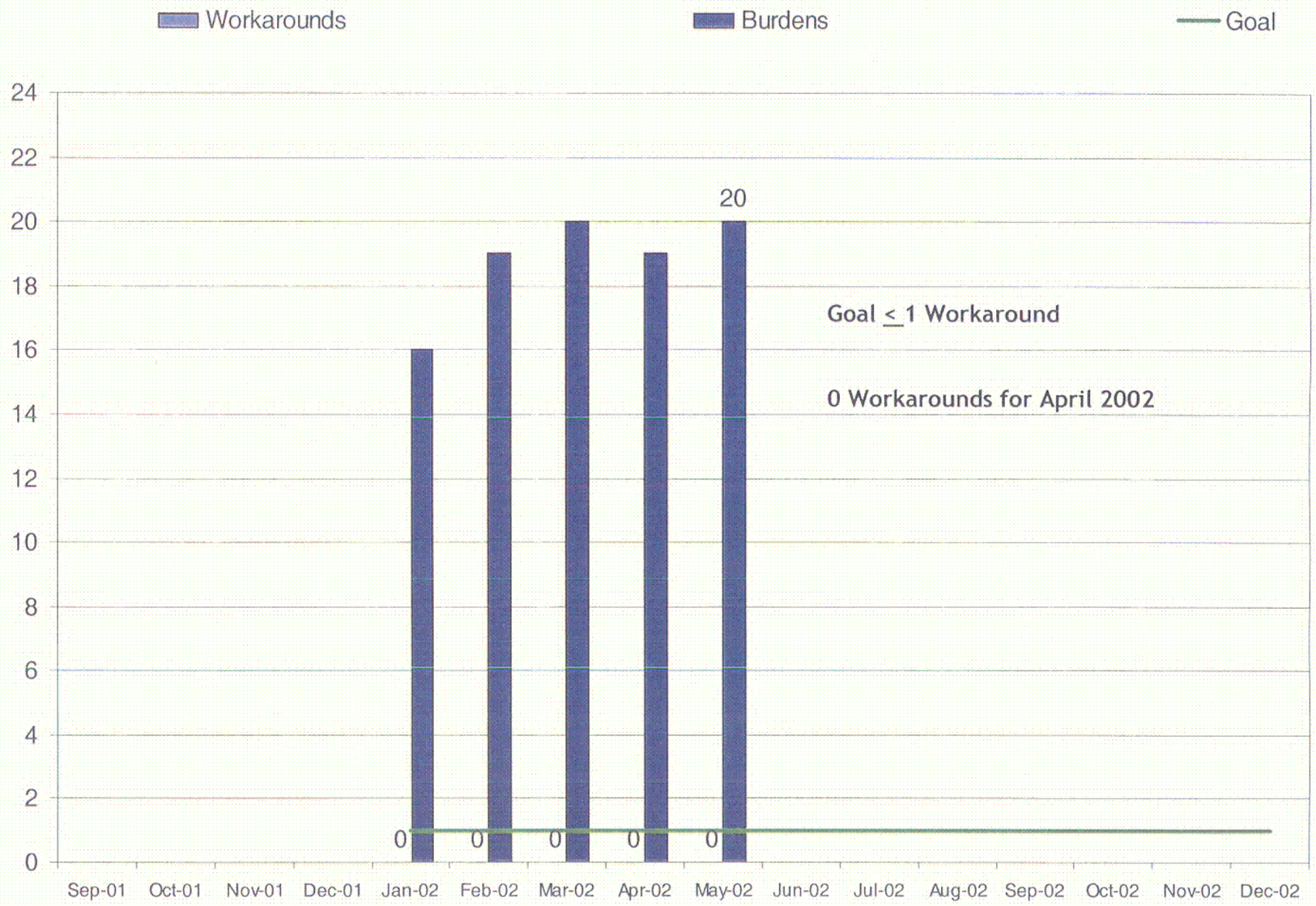


Indicator is measured at the end of the month

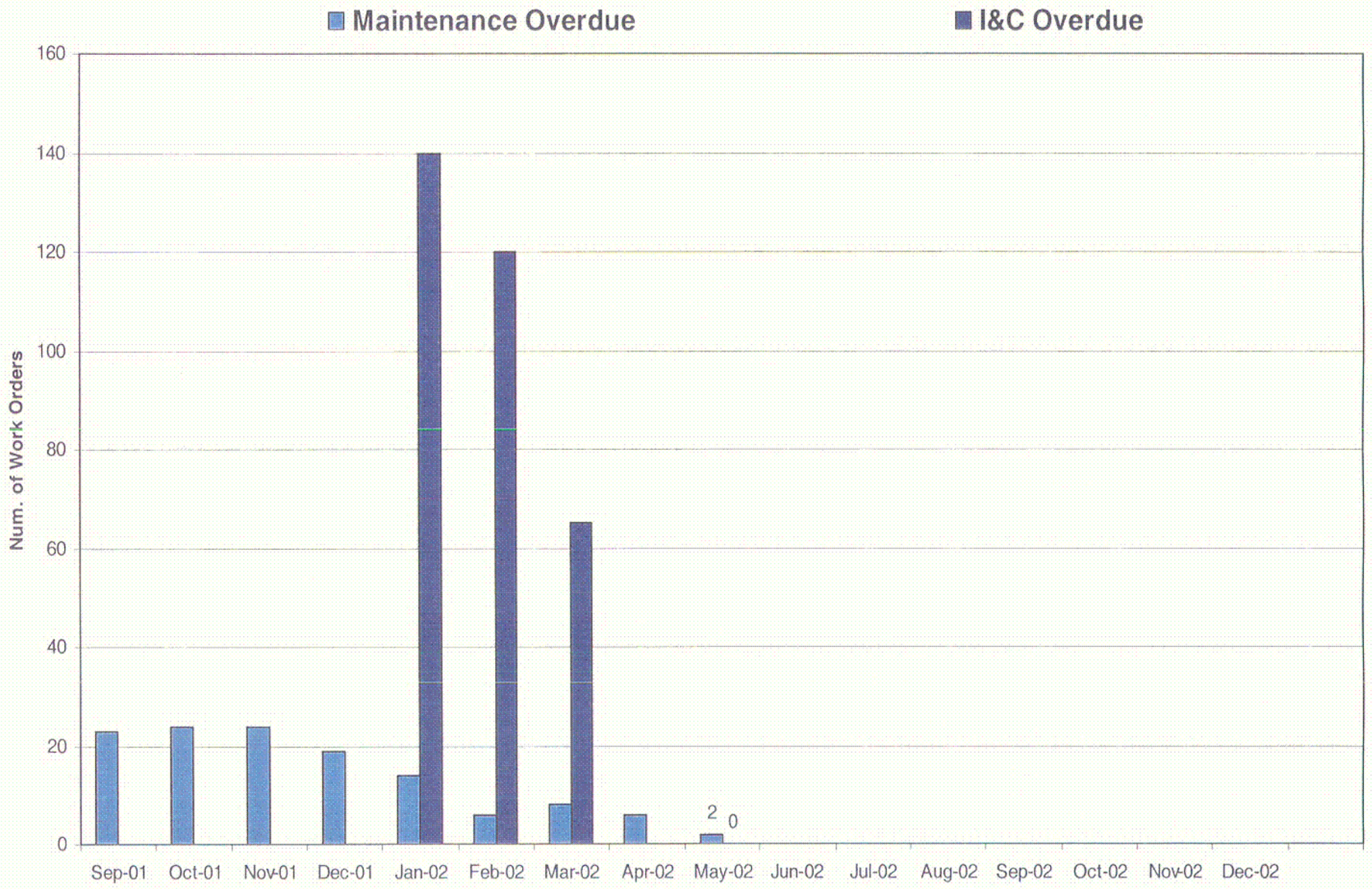
Central Control Room CCRDIs and Alarms



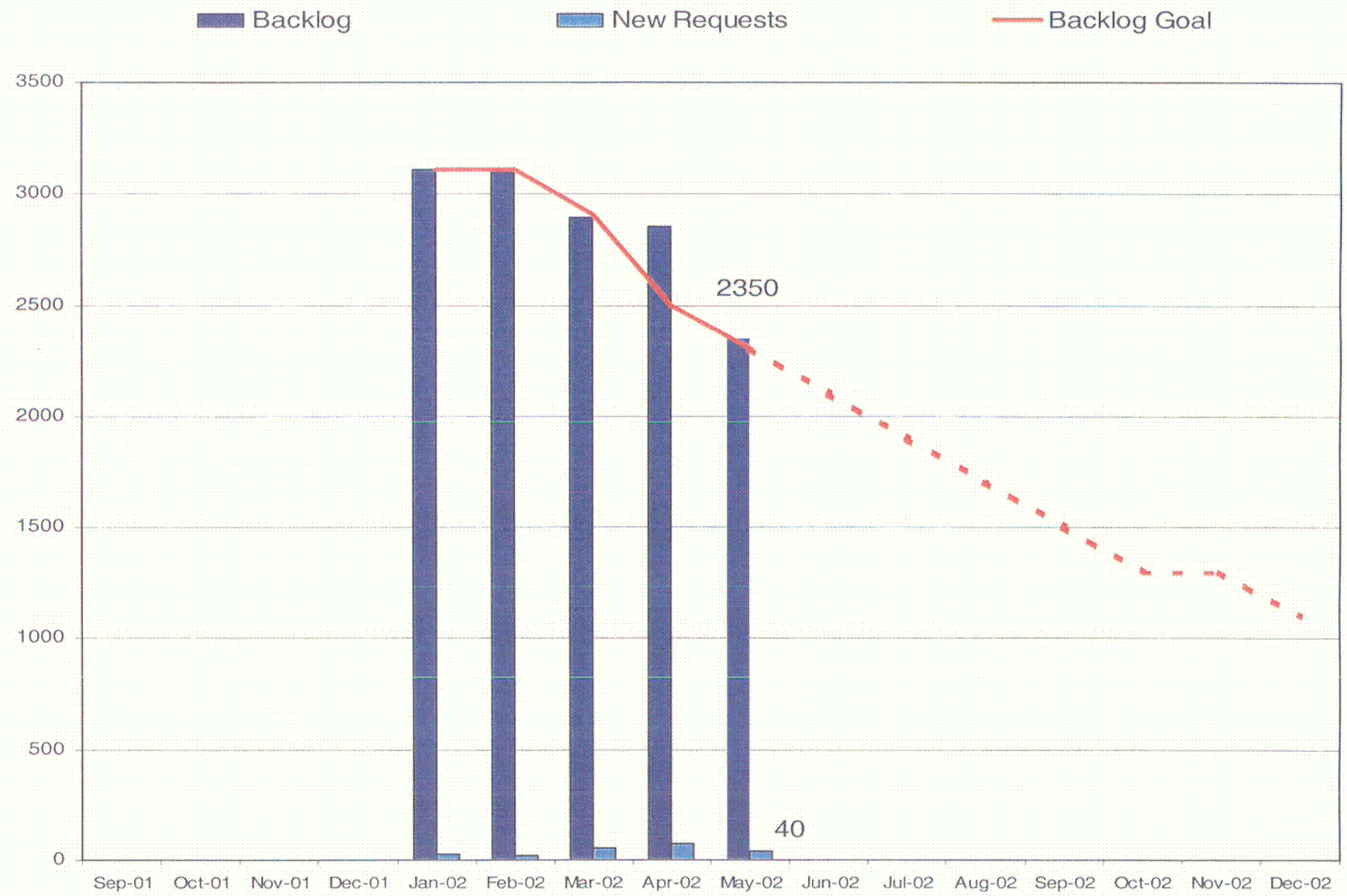
Operator Compensatory Measures



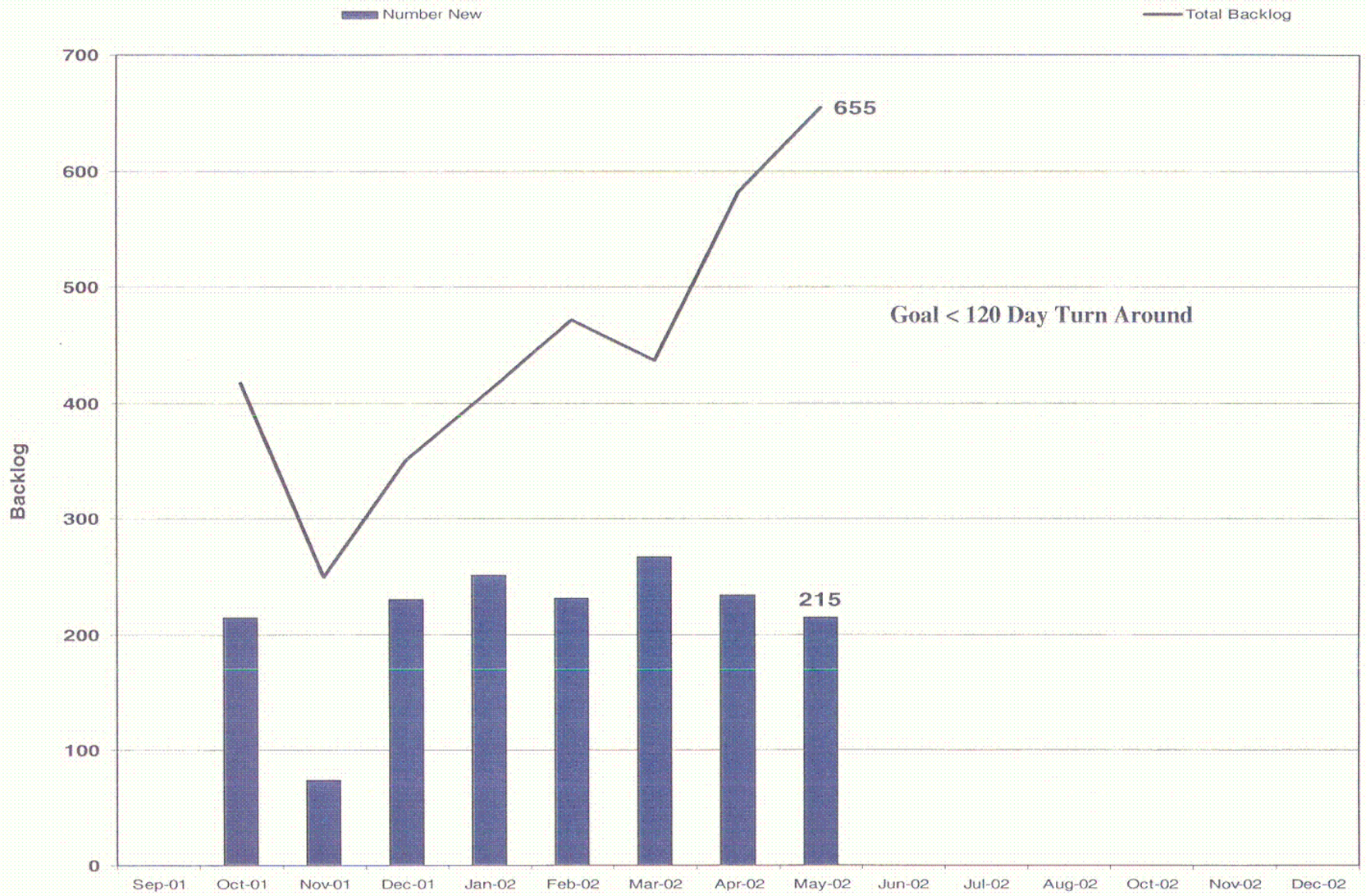
Overdue I&C and Maintenance PM



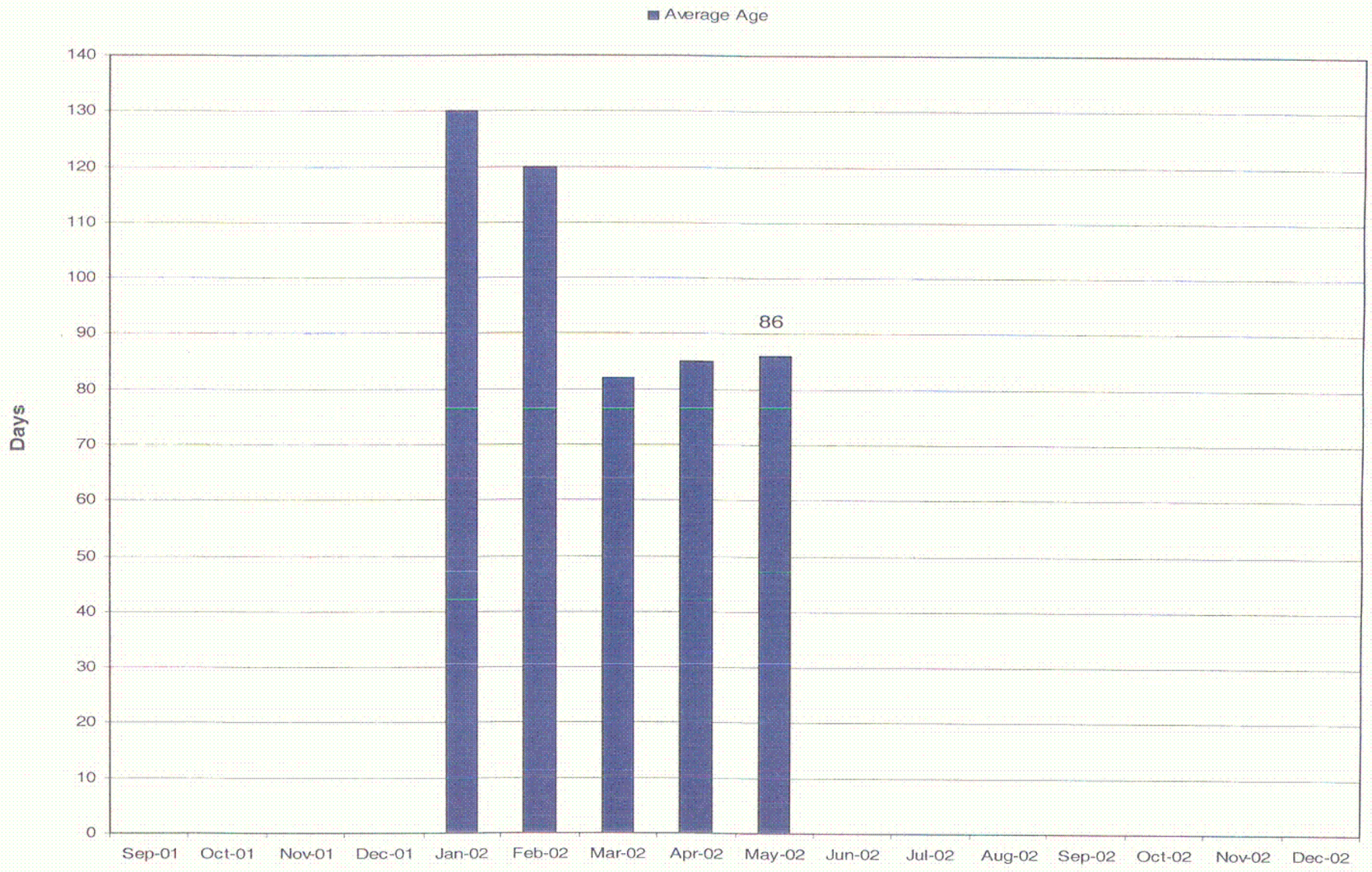
Plant Labeling Request Backlog



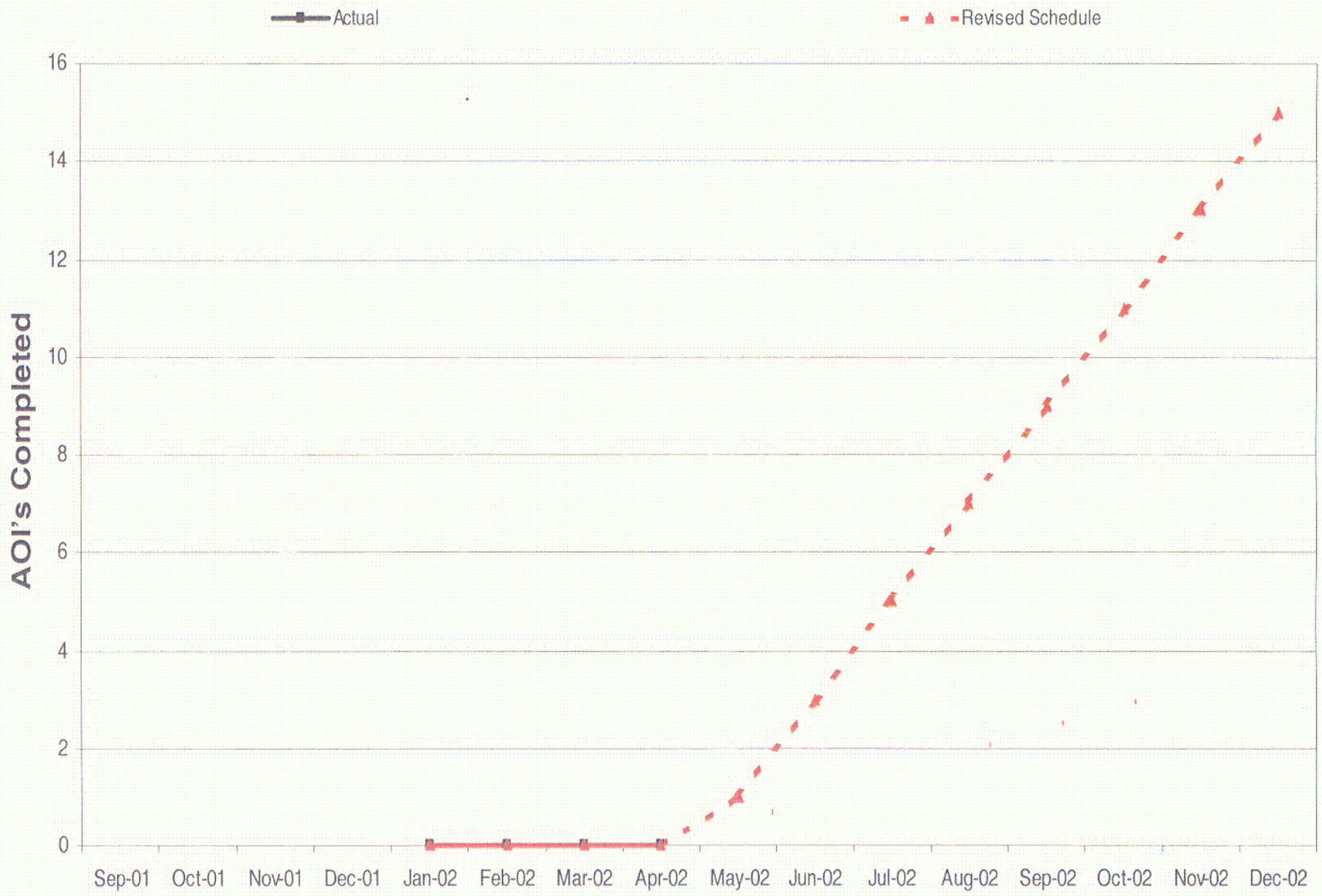
Procedure Feedback



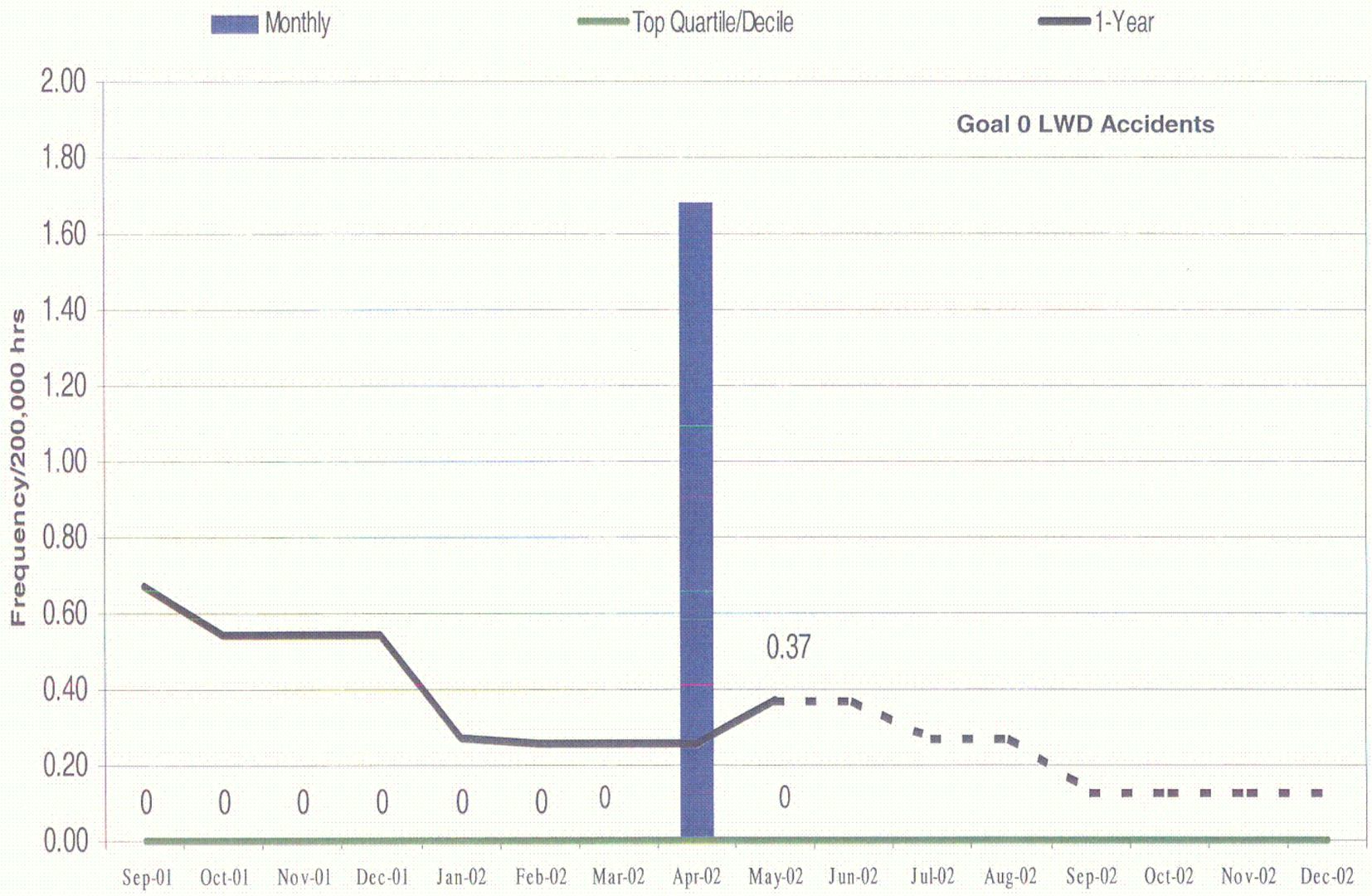
Procedure Feedback Average Age



AOI Procedure Upgrade

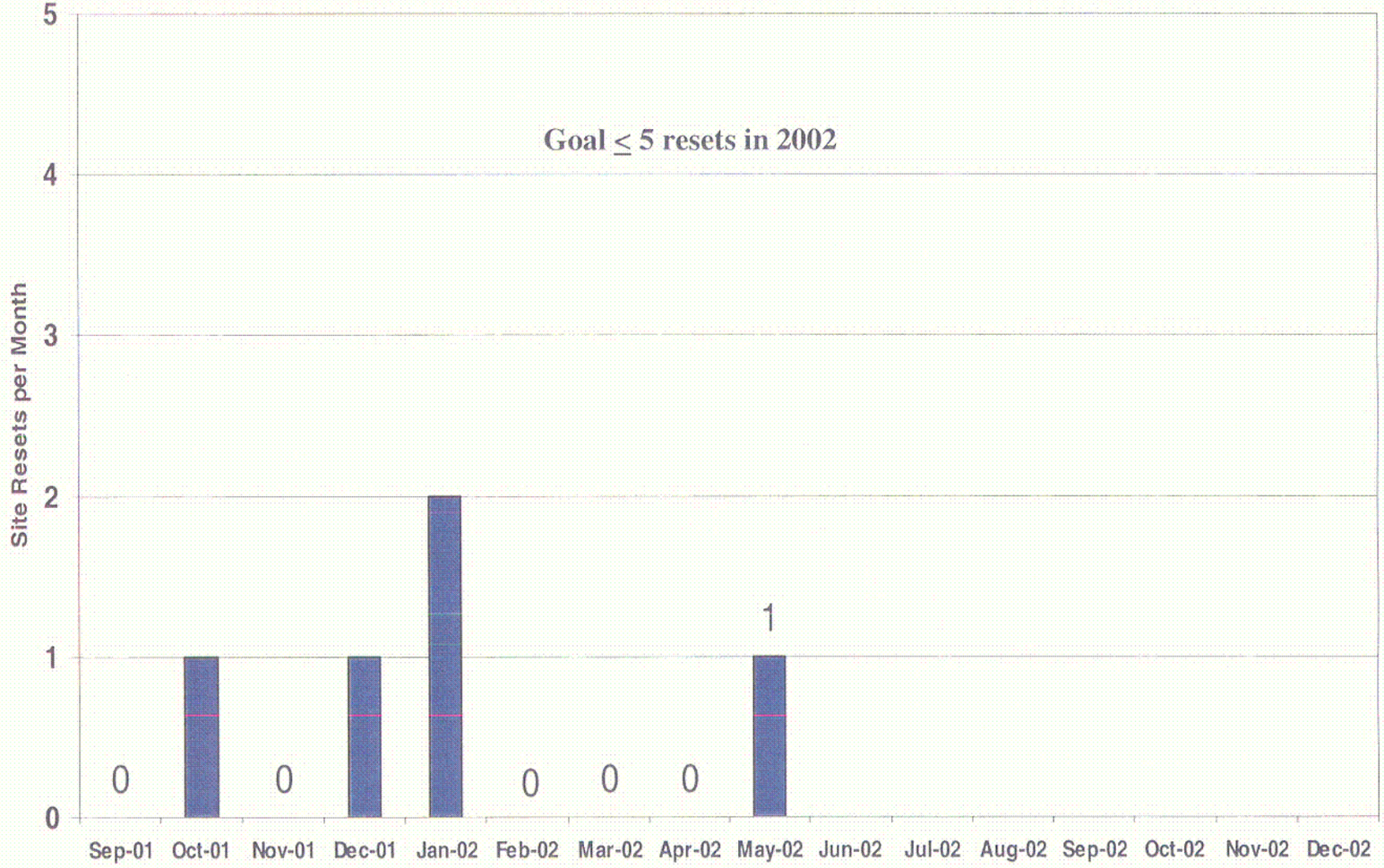


Industrial Safety Accident Rate

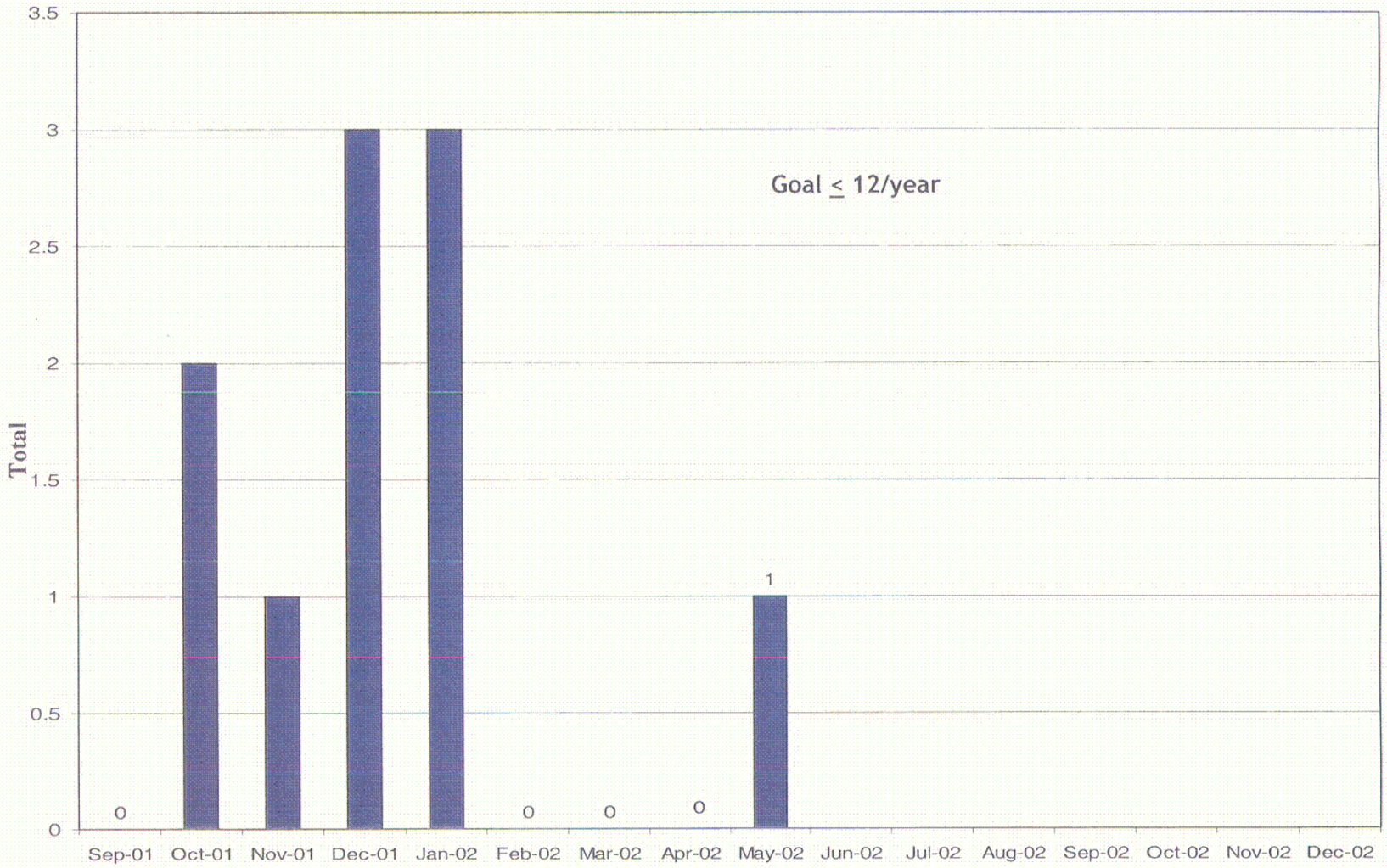


Human Performance Error Rate

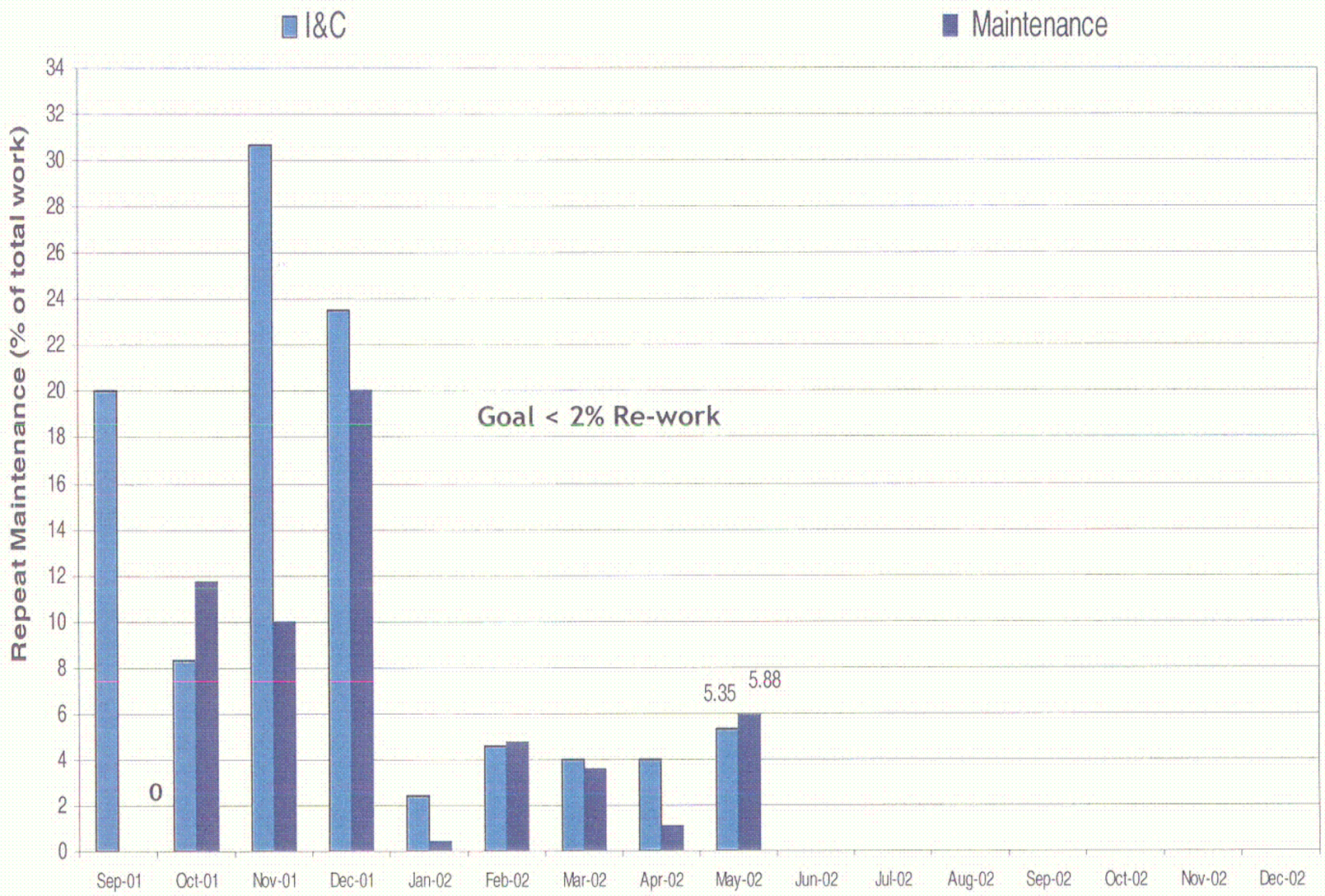
Station Event Free Clock Resets



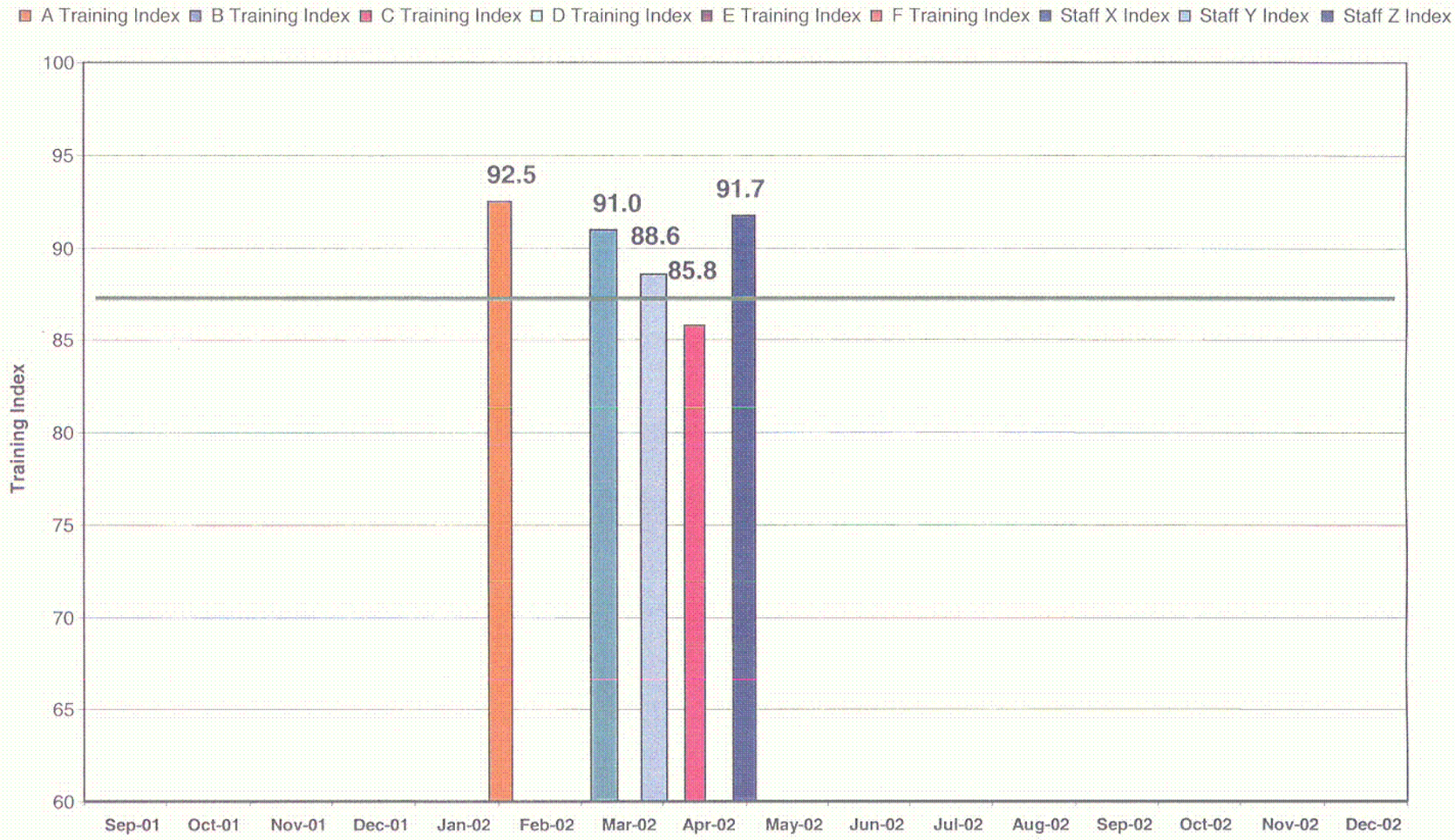
Number of Mispositionings



Repeat Maintenance Frequency

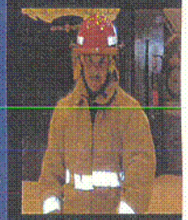


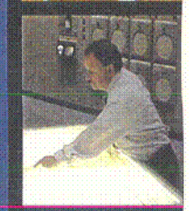
Licensed Operator
Re-qualification Success Index



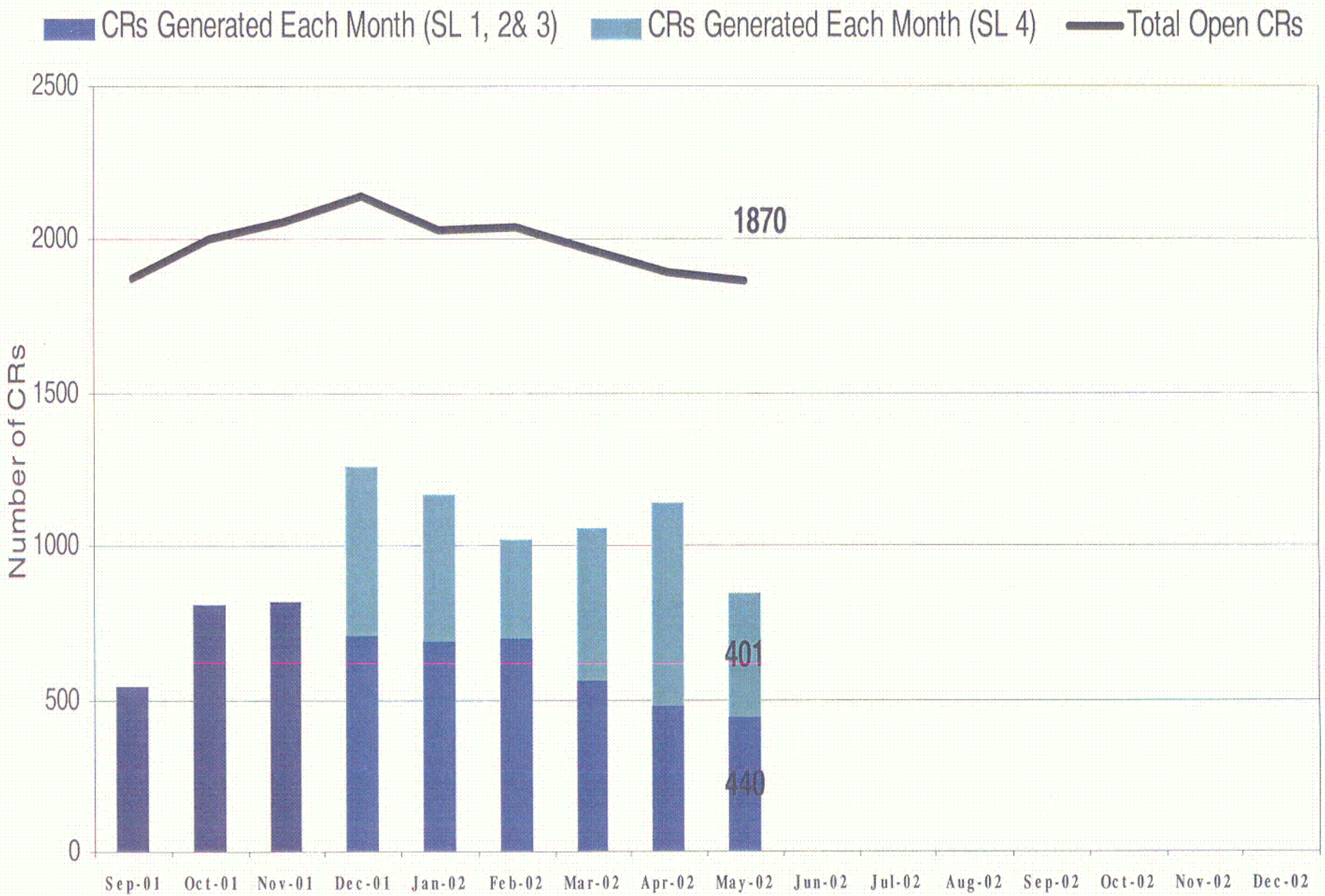
Problem Identification & Resolution

Jim Comiotes
Director, Nuclear Safety Assurance

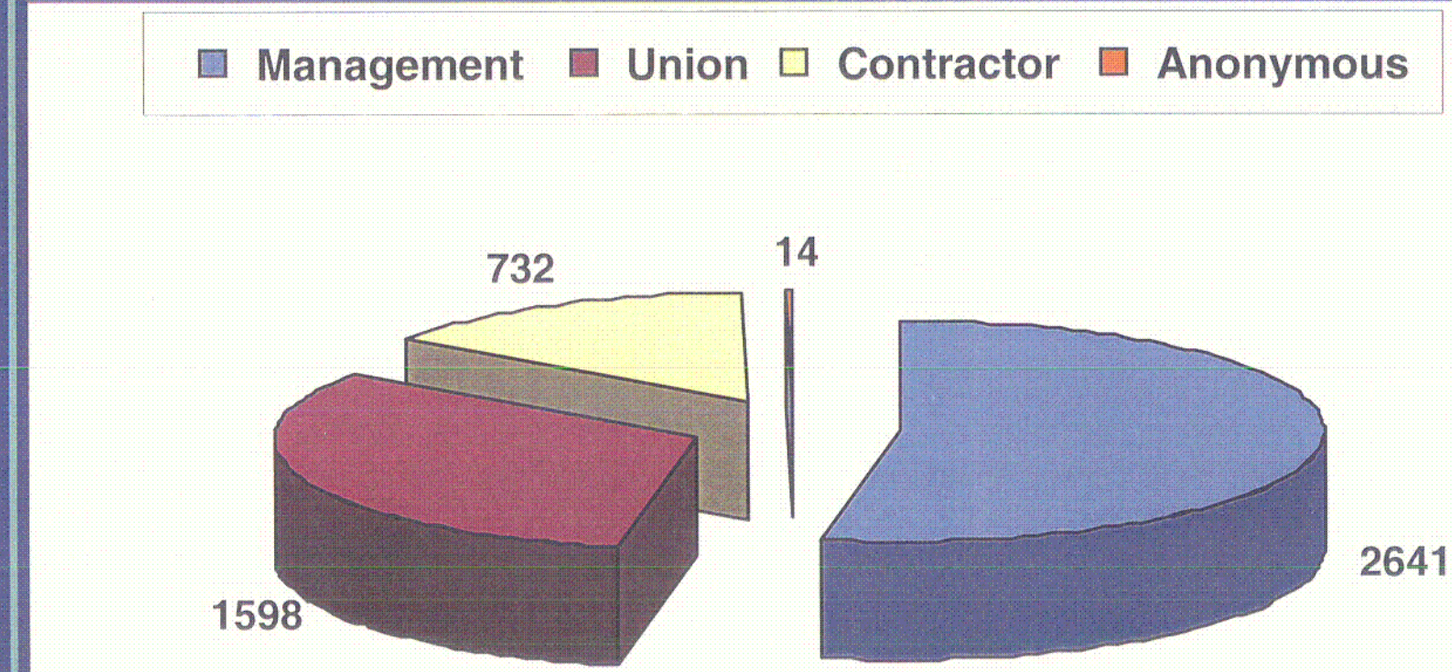




Open Condition Reports

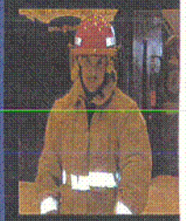


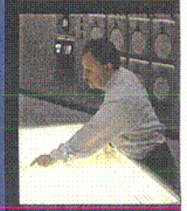
CRs Generated by Worker Category



Average Age of Open Corrective Actions SL 1 & 2

Geoff Schwartz
Director, Engineering





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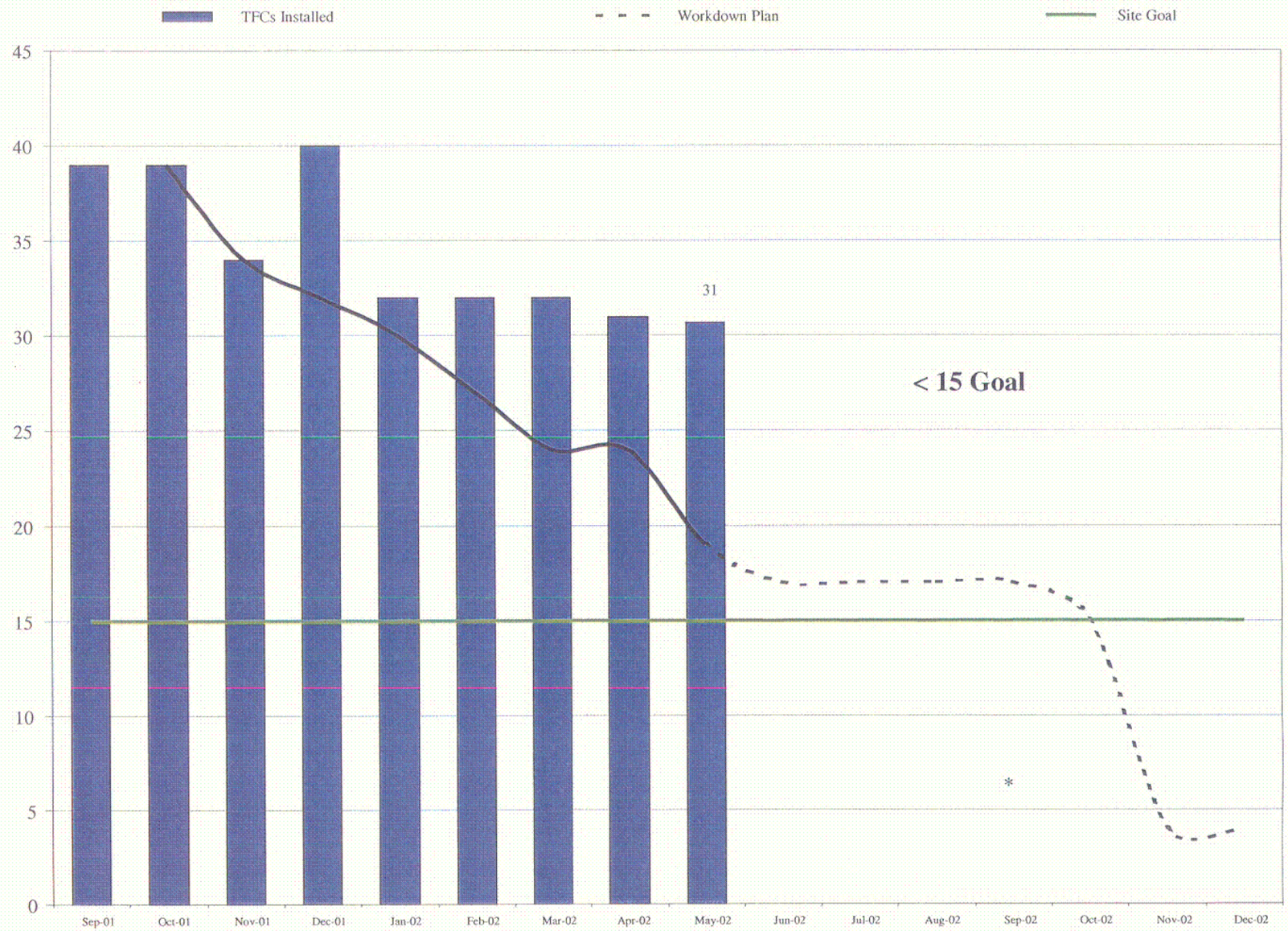
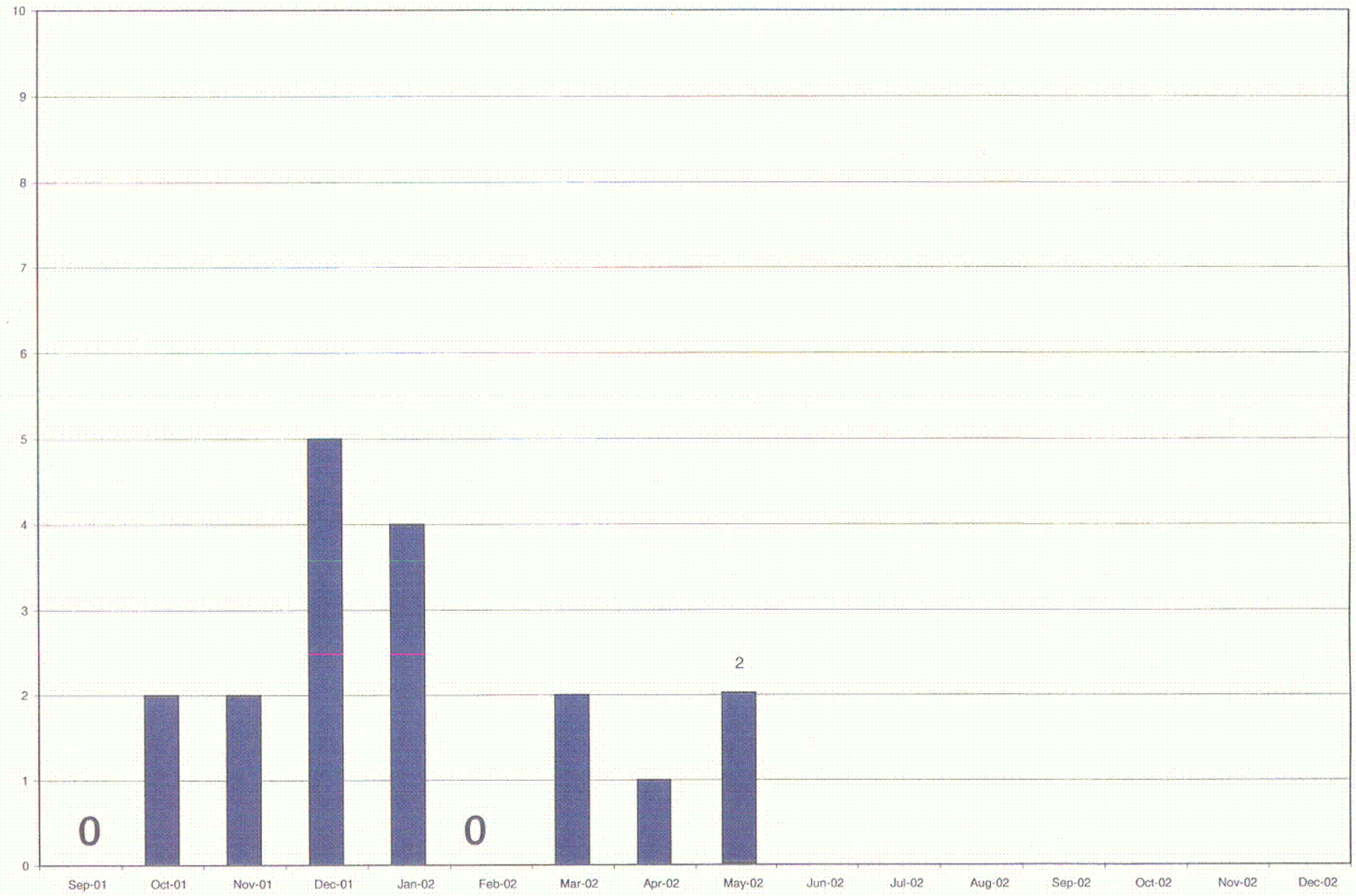
Leadership *Standards* *Accountability*

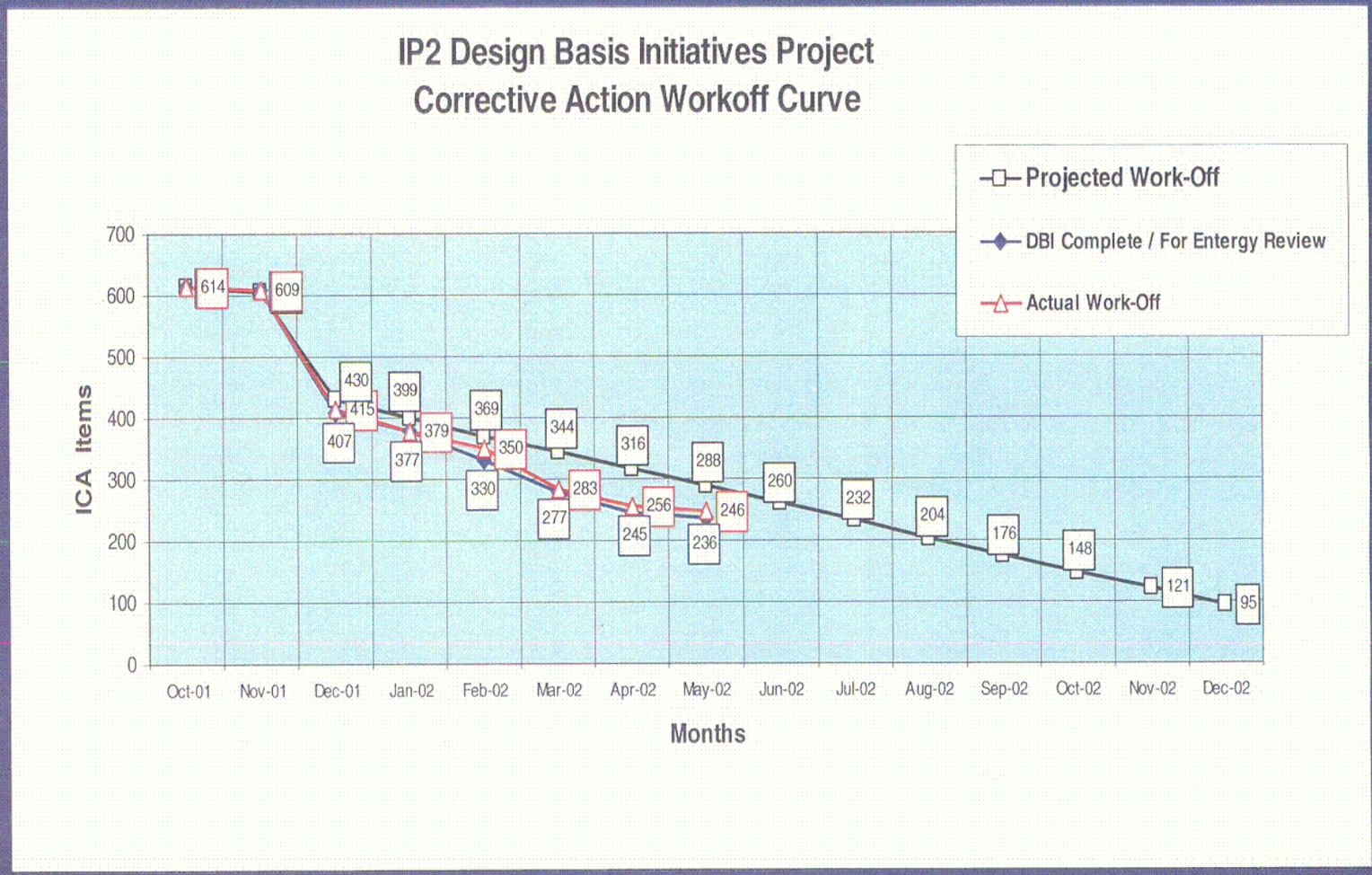
Temporary Facility Changes



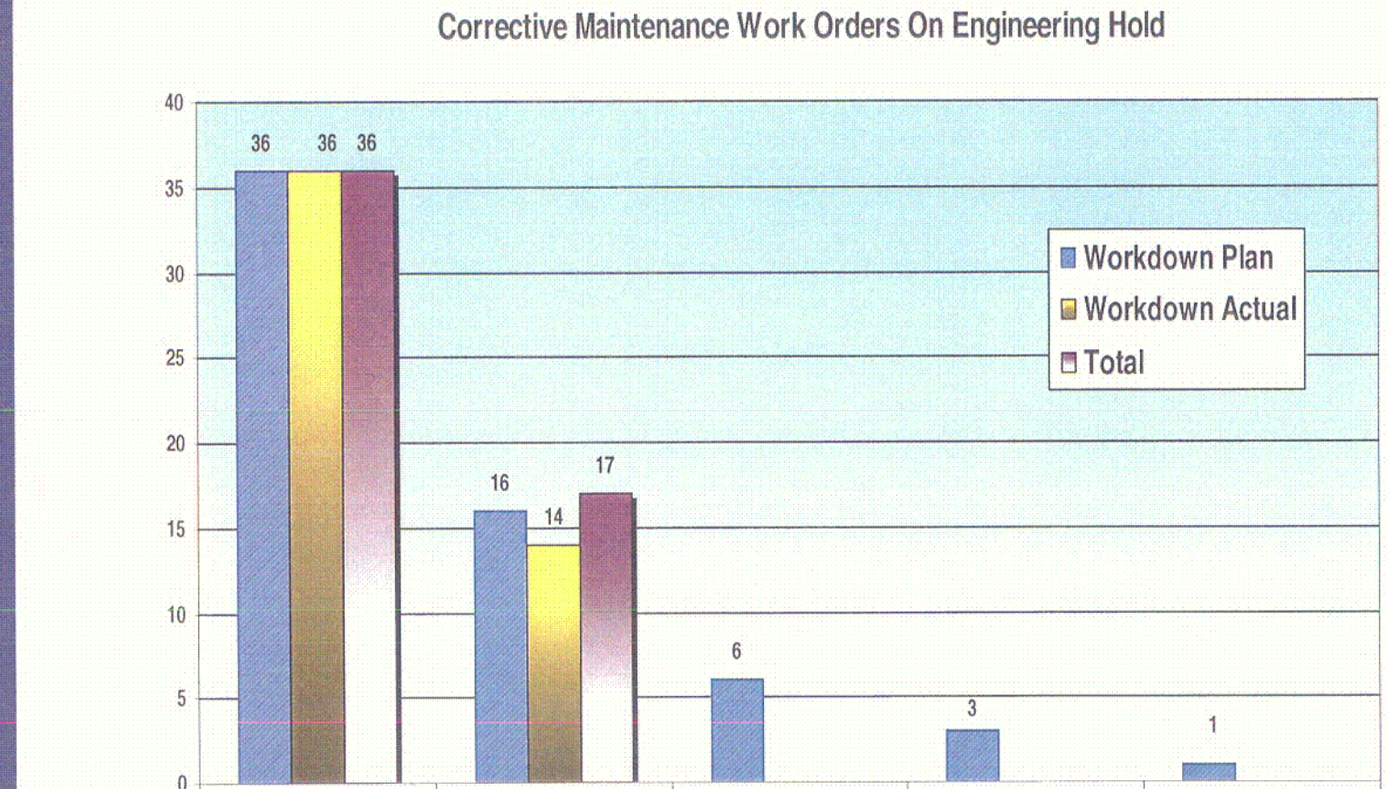
Unplanned Equipment Entries Into Shutdown Limiting Conditions of Operation



Engineering Performance Indicator

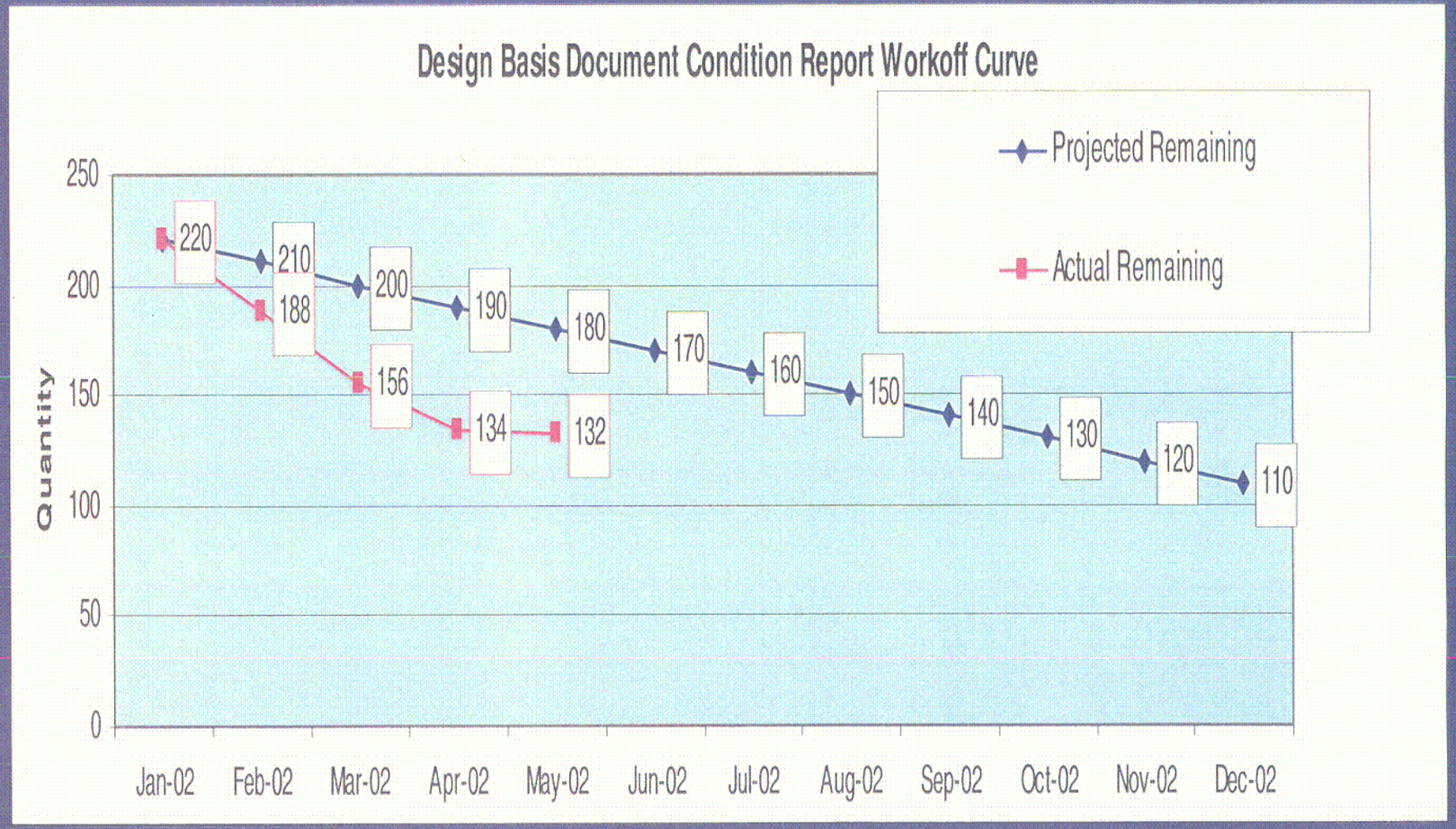


Engineering Performance Indicator

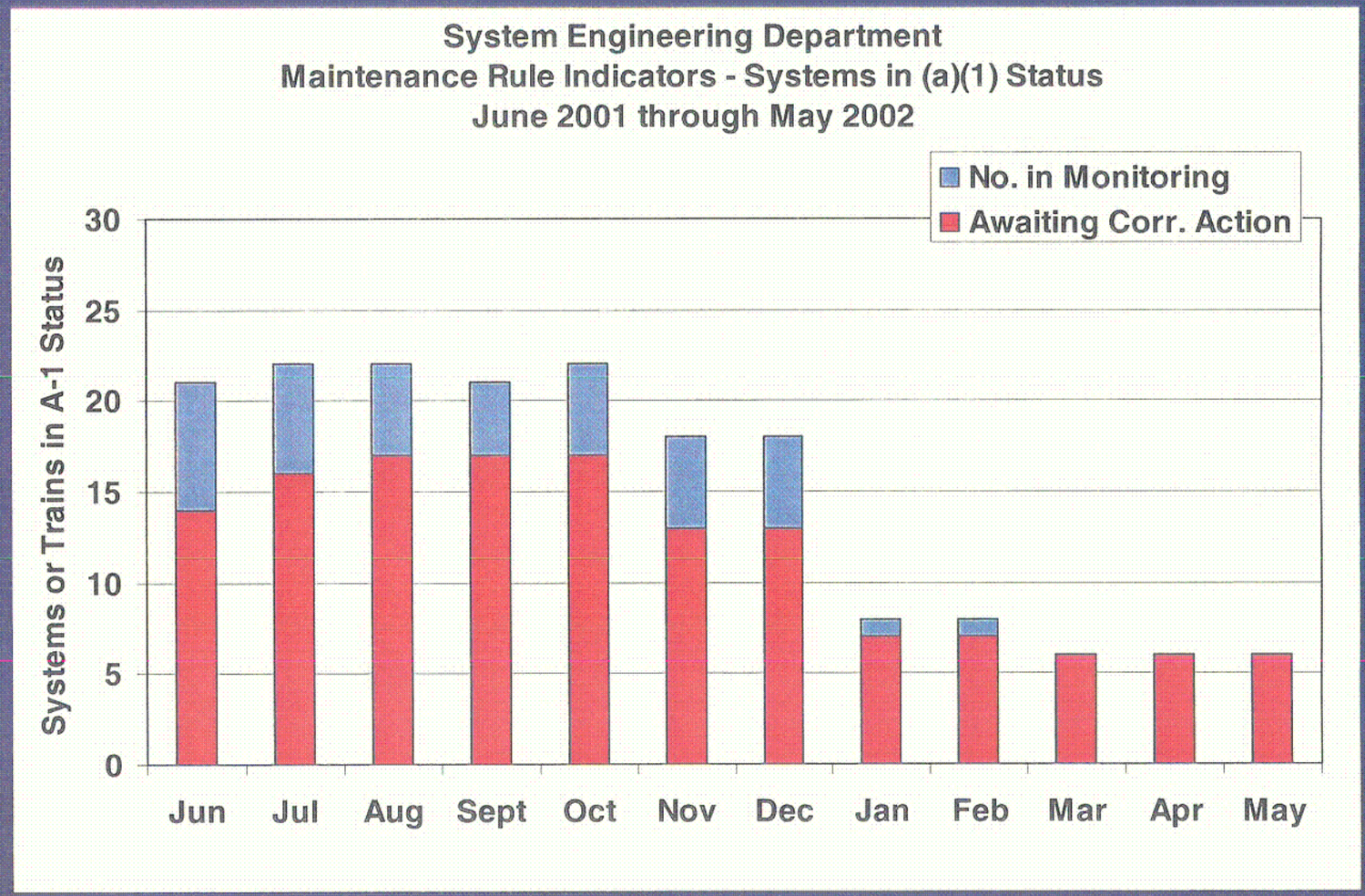


	April	May	June	July	August
Workdown Plan	36	16	6	3	1
Workdown Actual	36	14			
Total	36	17			

Engineering Performance Indicator

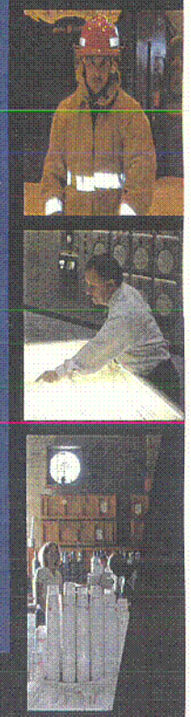


Engineering Performance Indicator



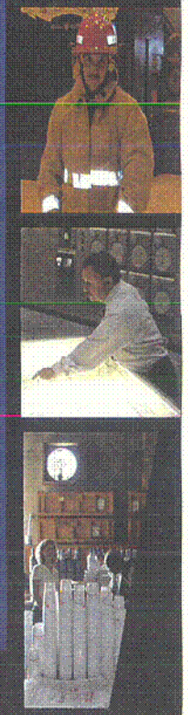
Closing Remarks

Fred Dacimo
Vice President, Operations



Closing Remarks

- Committed to continuous improvement
- Internal Communications (staff confidence)
- External communications (stakeholder confidence)



INDIAN POINT 2
REGULATORY PERFORMANCE MEETING

May 30, 2002
Verplanck Fire House - Verplanck, NY

U.S. NUCLEAR REGULATORY COMMISSION - Region I
KING OF PRUSSIA, PA

AGENDA

- BACKGROUND
- PERFORMANCE ISSUES
- NEXT STEPS

U.S. NRC -Region I

BACKGROUND

- HEIGHTENED NRC OVERSIGHT OVER THE PAST SEVERAL YEARS
- MULTIPLE DEGRADED CORNERSTONE PLANT (October 2000)
- ONGOING ELEVATED SCRUTINY INCLUDING HEIGHTENED RESIDENT INSPECTION COVERAGE AND VARIOUS NRC OVERSIGHT INSPECTIONS
- SIGNIFICANT NRC MANAGEMENT OVERSIGHT

PERFORMANCE ISSUES

- **HUMAN PERFORMANCE ISSUES**
  - OPERATOR REQUALIFICATION
- **EQUIPMENT RELIABILITY**
- **DESIGN & CONFIGURATION CONTROL**
- **PROBLEM IDENTIFICATION AND RESOLUTION**

NRC OVERSIGHT AND ASSESSMENT

- DESCRIBED IN ANNUAL ASSESSMENT LETTER (MARCH 4, 2002)
- MONITORING OF ENTERGY FUNDAMENTALS IMPROVEMENT PLAN AND ASSOCIATED PERFORMANCE METRICS
- INSPECTIONS - BASELINE & SUPPLEMENTAL
- PERIODIC MANAGEMENT MEETINGS AND SITE VISITS
- INTEGRATED AGENCY EFFORT -TECHNICAL COORDINATION TEAM

RECENT OBSERVATIONS

- CONTINUED SAFE PLANT OPERATION; PROGRESS BEING MADE
- A NUMBER OF "GREEN" FINDINGS (Low Safety Significance)
- OPERATOR REQUAL SUPPLEMENTAL INSPECTION
  - INDICATES IMPROVEMENT
- SIGNIFICANT RESOURCE COMMITMENT ON DESIGN ISSUES

NEXT STEPS

INSPECTIONS

- **DOCUMENT OPERATOR REQUAL SUPPLEMENTAL INSPECTION**
  - CLEARANCE OF COMMITMENT ON NRC "OP-EVALS"
- **SUPPLEMENTAL INSPECTION (June/July)**
- **EMERGENCY PREPAREDNESS EXERCISE (September)**
- **OPERATOR REQUALIFICATION ANNUAL INSPECTION (Sep -Dec)**
- **POTENTIAL COMBINED PI&R AND SUPPLEMENTAL INSPECTION - IF NECESSARY (December)**
- **POTENTIAL GENERIC ISSUES (e.g. Security and RV Head)**
- **OTHER**
  - HEAT SINK (April)
  - SECURITY (August)
  - RADIOLOGICAL EFFLUENTS (January 2003)

NEXT STEPS

OVERSIGHT & ASSESSMENT

- **CONTINUED TECHNICAL COORDINATION TEAM OVERSIGHT OF FUNDAMENTIALS IMPROVEMENT PLAN PROGRESS**

- **FOLLOWING JUNE/JULY SUPPLEMENTAL INSPECTION, ASSESS PLANT STATUS UNDER ACTION MATRIX**
  - POTENTIAL MOVEMENT FROM MULTIPLE DEGRADED CORNERSTONE COLUMN

- **CONTINUED OPENNESS TO PUBLIC**

QUESTIONS & ANSWERS

- PLEASE FEEL FREE TO PROVIDE ADDITIONAL COMMENTS THROUGH THE "NRC PUBLIC MEETING FEEDBACK" FORM

- ADDITIONAL INFORMATION ON THE TOPICS DISCUSSED CAN BE FOUND AT: *www:nrc.gov*

  - Reactor Oversight Process
    http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.ht ml

  - Public Electronic Reading Room
    http://www.nrc.gov/reading-rm/adams.html

  - Public Document Room
    1-800-397-4209 (Toll Free)