JOHN F. GROTH

John Groth became Senior Vice President of the Consolidated Edison Company of New York, Inc. (Con Edison) on July 19, 1999. He is responsible for the Company's nuclear operations at Indian Point Units 1 & 2.

Before joining Con Edison, John Groth was the Vice President, Nuclear Generation at South Texas Project Operating Company. He held the position from May 1993 to July 1999, managing power generation and outages at the South Texas Project to achieve safe and reliable operation and efficiency consistent with good practice and in compliance with regulatory requirements.

From 1984 to May 1993, John Groth worked for the Institute of Nuclear Power Operations as Vice President and Director, Analysis Division. In this capacity, John ensured the effective sharing and use of industry-wide operating experience and managed the worldwide electronic message system for sharing operating experience. He also managed the largest component reliability database in the world and represented industry positions in discussions with Senior Nuclear Regulatory Commission officials. He assisted with the training and development of industry managers in the senior Nuclear Plant Management course. He has visited more than 70 commercial nuclear electric facilities in the United States and abroad.

John is a retired captain from the US Navy. He served from 1955 to 1984. He was the Commanding Officer of USS Fulton (ASII) from 1982 to 1984 and provided mobile base repair support for nuclear powered submarines. This included radiological control, logistic support for repair parts and equipment, and supply support for 2000 officers and men.

From 1979 to 1982, he was the Commanding Officer of the Naval Nuclear Power School. He directed the basic academic training of 3000 officer and enlisted students while commanding a staff of 350. He was also responsible for curriculum control and development, student administration, and staff training and qualification.

As the Commanding Officer of USS SCAMP (SSN588) from 1976 to 1979, he conducted at sea operations in the Pacific and Atlantic Oceans in support of national policy. During this period, USS SCAMP received the Battle Efficiency award from Submarine Group Five as the best overall submarine in the Group while in direct competition with newer, better-equipped submarines. In addition, SCAMP successfully completed a five month unsupported deployment around South America. This was the only such deployment ever completed by one nuclear submarine.

John has 37 years of experience with naval and commercial nuclear power plants. He earned a Bachelor of Science degree from the U.S. Naval Academy in 1960. He is the Chairman of the ASME Operating and Maintenance Committee, and a guest lecturer at the Massachusetts Institute of Technology for the Senior Executive and Reactor Safety courses over the last four years. Additionally, he has served as an international technical consultant to the International Atomic Energy Agency managing reactor safety in: Vienna, China and Third World training efforts.

Information redacted contained Personally Identifiable Information (PII).

BULLETIN

6/5/2000

Last Thursday and Friday were very challenging days for us. On Thursday, WE demonstrated our ability to respond to emergency situations, and on Friday, WE demonstrated our ability to be self-critical. Our audience included the Nuclear Regulatory Commission, Federal Emergency Management Agency, state and local officials.

We demonstrated improvement and good performance in the Emergency Operations Facility, the Technical Support Center, the Operations Support Center, and the Central Control Room. WE still need to improve our ability to provide information to the public. During the drill facility activation, accountability, casualty assessment, command and control and use of our processes and procedures was capably demonstrated. This was a true team effort. Congratulations!

We will continue to train and drill in order to continue to improve in this very important function.

Our next major external inspection activity is the Accrediting Team visit of June 26th. Please ensure WE each know the status of our many changes and improvements and represent us well.

John Groth
Chief Nuclear Officer

Remember – Always be safe, and keep the core cool, covered and properly reactive.

BULLETIN

5/30/2000

On June 1st WE will demonstrate our ability to protect the health and safety of the public during our annual Emergency Plan Graded Exercise. Our audience will include the Federal Emergency Management Agency, the Nuclear Regulatory Commission, and State and local officials.

The "Green" team will represent us during the exercise but WE each have a significant role to play. Stay alert to announcements and directions. Safely and quickly respond to directions and encourage all the members of the emergency team: Green, Red, and Blue.

WE have practiced since 1999. WE have overhauled our procedures as well as our response centers. WE have received tremendous corporate support. WE have worked closely with our local communities to ensure our ability to protect the health and safety of the public in the very unlikely event that such action would be required. Now, let's demonstrate what WE can do.

Here are the names of a few of the folks representing us in the various emergency operation facilities: Emergency: *Director (ED) A. Blind; EOF Mgr., D. Murphy; ORAD, D. Gaynor; DAHPE, Salisbury; EOF Communicator #1, K. Finucan; EOF Communicator #2, K. Krieger; Information Liaison, C. Brovarski; Technical Advisor to ED, E. Primrose; Emergency Plant Manager, J. Ferrick; TSC Manager, R. Sutton; Tech Assess. Coordinator, J. Ventosa; Operations Advisor, E. Libby; Radiological Advisor, L. Glander; Core Physics Engineer, W. Osmin; Electrical/I&C Engineer, T. McCaffery; Mechanical Engineer, C. Bergren; OSC Mgr., R. Gillespie; I&C Coordinator, K. Naku; RP Coordinator, T. Burns; Maintenance Coordinator, K. Regan; Team Coordinator, K. Shalabi.* WE are all involved – let's have fun and put on a professional performance.

John Groth
Chief Nuclear Officer

Remember – Always be safe, and keep the core cool, covered and properly reactive.

BULLETIN

5/31/2000

The Condition Monitoring Operational Assessment report is finished. The Chairman of the Board has approved submission of this report to the Nuclear Regulatory Commission for review and approval.

The report documents the most through steam generator inspection in Indian Point history. The inspection results, including analyst training and qualification has been reviewed by industry peers, members of INPO and EPRI, blue ribbon panels at Westinghouse, and our Nuclear Facilities Safety Committee, they support our conclusions.

The inspection results support safe operation of the plant. Our intention is to operate while we prepare for steam generator replacement. When WE are ready for steam generator replacement, WE will shutdown, de-fuel the reactor and replace the steam generators before year's end.

The review by the Nuclear Regulatory Commission is expected to require at least three weeks followed by public meetings, and then a safe return to power operations. Reactor refueling activities will commence in early June.

The submission of the Condition Monitoring and Operational Assessment report is a significant milestone. However, much effort remains to complete restart preparations. Celebrate this accomplishment and push onward to ensure safe, reliable operations.

John Groth
Chief Nuclear Officer

Remember – Always be safe, and keep the core cool, covered and properly reactive.

Edip, Semran
From: Groth, John
Sent: Saturday, May 20, 2000 9:45 AM
To: dl - NP - ALL
Subject: SPECIAL BULLETIN - MAY 20, 2000

SPECIAL BULLETIN

May 20, 2000

Our outage work is coming to an end. Systems in the secondary plant are being filled, vented, operated and flushed. Scaffolds are coming down and WE are moving swiftly toward being ready to restart the plant. Keep the push toward restart on. WE want to resume an on-line maintenance work mode by the end of the month, which is eleven days away. To achieve this WE must complete our remaining refueling outage work on our secondary plant systems and complete our project work such as feedwater heater replacement and placing our turbine generator on the turning gear.

Blue ribbon steam generator review panels are at work at Westinghouse headquarters in Pittsburgh now, and will be on site next week to help us ensure that the Condition Monitoring and Operational Assessment report confirms that our generators are safe to operate. This is a very detailed, very difficult report to review and WE are receiving much industry comment and assistance. Until the report review is complete and WE are satisfied with the content, fuel load is on hold. Moving nuclear fuel is a serious evolution. To move the fuel unnecessarily is not prudent. Therefore, fuel movement awaits our final decision on the steam generators. I will advise you as soon as a restart determination has been made.

As WE continue readying the plant for restart a number of other significant activities are in progress:

- The NRC is currently considering the effectiveness of our corrective actions after the February 15th steam generator tube leak event;
- The Graded Emergency Plan Drill on June 1st will allow us to showcase our abilities to coordinate damage control, plant operations, public communications and public protection in the event of an emergency;
- The National Academy for Nuclear Training Accreditation Board will be conducting a reaccredidation visit next month for our technical training programs. Reaccredidation of our training programs will be a significant milestone for us. Preparations for this milestone are in high gear and deserve our continued commitment along with the other activities contained in our Training Improvement Plan;
- The achievement of a mutually satisfactory contract agreement with our Union members;
- Our emphasis on personal protective equipment and personal safety. With changing plant conditions this becomes ever more critical.

With these important activities in progress, maintaining our focus on nuclear and personal safety is most critical. As our plant systems come back together and are placed in operation, the conditions throughout the plant will continually change. WE must be aware for ourselves and our teammates of these changing conditions. Take the time to think through each activity and it's potential consequence.

BULLETIN

5/1/2000

The last 75 days have been challenging ones for everyone at Indian Point. WE have weathered forced outage and transitioned successfully to a planned refueling outage.

WE have completed an extensive steam generator inspection program without compromis There have been no major surprises as a result of OUR efforts to ensure that this equipment ca serve its purpose until replacement. The analysis of the test results on OUR steam generators ongoing, but results so far are in line with OUR expectations for the technical integrity and safet of the steam generators.

During this forced outage, we have completed scheduled training improvements, attende scheduled training, verified individual qualifications, and corrected our training records. I addition, WE have continued our efforts at emergency response, successfully demonstrating OU ability to staff for an emergency and conducting numerous training exercises. WE hav maintained OUR focus on Business Plan activities and kept OUR momentum for meeting ou short and long range goals. With the steam generator special testing behind us, WE can see OU way clear for restarting the plant for the summer's peak load while WE complete OUR plans f steam generator replacement. WE are confident in our ability to return to service safely and meet the needs of OUR customers.

With the arrival of replacement fuel and RCS draindown complete WE now must focus c completing all of the planned outage work in support of subsequent startup. All of US have a pa in focusing efforts toward completing all of this work safely and on schedule and returning the un to service. In the next several weeks we have the following major challenges:

a) *steam generator operational assessment submission*
b) *turning gear on May 26th*
c) *Augmented Inspection Team follow-up inspection (two weeks duration; date to be determined)*
d) *emergency preparedness graded exercise – June 1st*
e) *return to power operations*
f) *new contract for our Union teammates*
g) *accreditation team visit – June 25th*
h) *select a steam generator replacement team and mobilize major planning effort for changeout*

I am counting on everyone to continue in OUR dedication to the success of the outage. appreciate the sacrifices being made by you and your families to support the successful completi of this outage and to prepare for these major, very important activities. Please convey n appreciation to your families.

John Groth
Chief Nuclear Officer

Remember – Always be safe, and keep the core cool, covered and properly reactive.

BULLETIN

Arthur Kill Investigation Concluded; Government Consultant to Recommend Improvements

In September 1998, the company had a spill of PCB oil during a transformer fire at the Arthur Kill generating station in Staten Island. Subsequently, an investigation into the spill and the timeliness and accuracy of the company's report to government agencies was conducted by the United States Attorney for the Southern District of New York. This week, the investigation was concluded with an agreement that should improve the company's efforts to achieve environmental excellence in the future.

In accordance with the agreement, the company extended its formal commitment to continue developing, implementing and maintaining an effective program to prevent and detect violations of the environmental laws, including extending its Corporate Ombudsman program for at least another two years. In addition, the company agreed to permit an U.S. Attorney's Office consultant to evaluate the company's environmental compliance program, and to make recommendations for the future. The consultant who has been retained to examine the environmental program is Mitchell Bernard, who served as the Court-Appointed Monitor during the company's probation, which ended in April 1998. To ensure that his review is thorough, the company has agreed to give Mr. Bernard access to such documents and personnel, as he deems necessary to conduct his review. Employees must cooperate fully with any requests from Mr. Bernard; employees will not be penalized in any way for providing Mr. Bernard with information or materials that are requested by him. Mr. Bernard may be reached by calling (212) 727-4469 or by sending an e-mail to mitchbernard@aol.com. Mr. Bernard will submit a report and recommendations to the U.S. Attorney's Office and the company within a year. Thereafter, Mr. Bernard may be asked to conduct an additional evaluation and write a second report.

It is important to understand that Mr. Bernard is not intended as a substitute for the Corporate Ombudsman; and is not intended to act as a Court-appointed "monitor" as he did in the past. Instead, his role is to provide an evaluation of the company's environmental compliance. Employees who have concerns regarding suspected violations of the company's Code of Conduct, including environmental, health, and safety regulations or ethical and legal issues, should continue to contact the Corporate Ombudsman's Office. The Corporate Ombudsman can be reached by calling (212) 206-0949, or via e-mail at (McGuire, Robert) and (Daly, Deirdre) on Outlook, or at (McGuire.R) and (Daly.DM) on Emc2.

John Groth
Chief Nuclear Officer - 4/19/2000

SPECIAL BULLETIN

OUR efforts continue to ensure that the plant will be safely returned to service. To this end, over the past several days WE have used multiple steam generator testing and analysis techniques, for example:

- Multiple test probes and coils, including the use of new high frequency test probes to enhance signal resolution;
- Frequency discrimination and signal shift analysis techniques, made possible by recent technological advances;
- Continuing analysis training as new methods and processes have produced better analysis results;
- Steam generator pressure tests;
- Video inspection, including installing new inspection ports;
- Continuing dialogue with industry experts to validate best practices and new ideas.

As a result of using these techniques, the steam generator testing and analysis time has expanded beyond our original estimates. In order to effectively use our resources, WE will make immediate preparations for entering the refueling outage.

While assembling the refueling team from their other assignments around the country WE will return to "on-line" work-planning and scheduling. Beginning refueling now, enables us to effectively use the time available to us while the steam generator analysis is being completed.

WE must continue to emphasize our training, emergency plan improvements, and backlog reduction efforts as delineated in the Business Plan.

John Groth

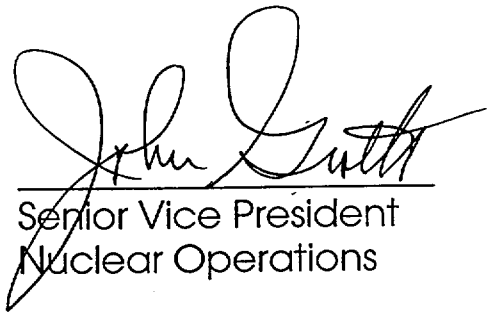
Remember – Be safe and keep the core cool, covered and properly reactive.

EMERGENCY PLANNING

Recent events have made clear the importance of OUR emergency plan and the necessity to respond quickly. On February 15, 2000, WE demonstrated OUR willingness to respond during an actual emergency.

I want to take this opportunity to remind all employees assigned to Nuclear Operations of OUR obligations to support emergency preparedness.

Emergency preparedness is everyone's responsibility and is key to OUR protection of the health and safety of the public. Participation in the emergency plan by accepting assignments and responding to emergency plan drills and activities is a condition of employment for every position in Nuclear Operations.



Senior Vice President
Nuclear Operations

3/22/2000

REMEMBER – ALWAYS BE SAFE, AND KEEP THE CORE COOL, COVERED, AND PROPERLY REACTIVE.

BULLETIN

Our Company's Code of Conduct specifically outlines the proper use of company property, services, materials and time. Company property includes the Internet and e-mail. The use of company property for personal business is a direct violation of the code of conduct.

Recently, Nuclear Operations employee was found to be using a company computer and the Internet for personal reasons. In accordance with corporate policy, appropriate action was taken.

WE must all remember that WE each have an obligation to use company resources in an appropriate manner at all times, and our behavior on the job must be in accordance with the Corporate Code of Conduct.

The Code of Conduct is available for review in Public Folders on Outlook under the Con Ed, Inc., Corporate Policy Manual CEI- 010.

John Groth
Chief Nuclear Officer

UPDATE

Command and Control Organization Mobilized

February 17, 2000

On February 15, 2000, Indian Point 2 Nuclear Power Plant declared an Alert at 7:29 pm due to a primary to secondary leak in steam generator # 24. The plant was operating at 99% of rated power when a nitrogen-16 alarm on the main steam header and other indications of a primary to secondary leak on Steam Generator No. 24 were received. Prior to the event, primary to secondary leakage was approximately 4 gallon per day (gpd). After nitrogen-16 alarm actuation, the leakage increased beyond the capacity of two (2) reciprocating charging pumps. The operators manually tripped the reactor, isolated Steam Generator #24, and initiated an orderly cool down of the plant to cold shutdown. The Alert ended at 6:50 PM on February 16, 2000.

I have approved a Command and Control Organization Charter that provides additional direction and expectations for our response to this event, and I have appointed Al Blind as our Command and Control Manager. In this capacity, Al oversees activities directly related to understanding and responding to the event, as well as monitors the recovery and safe and efficient restart of the plant. The Recovery Manager (appointed by the Emergency Director on February 16) reports to Al, effective immediately.

The Command and Control Manager is supported by other groups that provide the necessary insight, evaluations, analyses, and plans on issues related to the event, plant recovery, and restart. In addition to the Recovery organization, these groups include the Nuclear Power Generation, Nuclear Engineering, Corrective Action Group, Site Engineering Group, Emergency Planning Group, Training Group and Station Nuclear Safety Committee (SNSC). The attached organization chart depicts the reporting relationships that are now in effect.

The objectives of the IP2 Command and Control Organization are to:

- Prepare and implement waste management plan(s).
- Evaluate the off-site impact, if any, of this event.
- Prepare and implement inspection plans to determine the cause of the primary to secondary leakage on Steam Generator No. 24 and to prepare a repair and recovery plan.
- Perform additional tests and analysis, as necessary, to determine the extent of condition for other steam generators.
- Assess the station personnel and operating crew(s) response during emergency plan activation and performance during the state of an Alert.
- Assess the station procedures and plant response during emergency plan activation, the Alert Emergency Action Level, and post event recovery effort.
- Assess the training requirements on shutdown risk model before reduced Reactor Coolant System (RCS) inventory.

Please join me in extending your full cooperation and support to the new Command and Control Organization.

Remember—Always be safe, and keep the core cool, covered, properly reactive.

John Groth
Chief Nuclear Officer

A. ALAN BLIND

PROFESSIONAL SUMMARY

Twenty four years in the nuclear power industry holding various management and executive management positions with the American Electric Power Company (D. C. Cook plant) and as a member of the executive management team at Consolidated Edison's Indian Point 2 plant.

EXPERIENCE SUMMARY

1998 – Present	**Consolidated Edison – Indian Point 2** Member of the executive oversight management team as the Vice President of Nuclear Power and Steam Generator Replacement Project.
1985 – 1998	**American Electric Power – D. C. Cook** Held several senior management positions as follows: Vice President Nuclear Engineering, Site Vice President, Plant Manager, and Assistant Plant Manager. In these positions responsibilities included operations, engineering, and site activities.
1976 – 1985	**American Electric Power – D. C. Cook** Held various positions with increasing responsibilites including engineering supervisor, shift technical supervisor, and start-up engineer.
Education	1988, MS, Industrial Management – Purdue University 1980, BS, Mechanical Engineering – Purdue University 1975, BS, Electrical Engineering - Purdue University
Professional Certification	1989, Senior Reactor Operator Certification – D. C. Cook Plant
Professional Courses	1995, Executive Forum – INPO 1987, Senior Nuclear Managers Course – INPO 1984, Principals of Utility Management – Ohio State University

JAMES S. BAUMSTARK
Vice President
Consolidated Edison
1 Park Place
Peekskill, N.Y. 10566

Mr. Baumstark is presently assigned as Vice President of Nuclear Engineering at Consolidated Edison's Indian Point 2 Nuclear Station in Buchanan, N.Y. Prior to coming to Con Ed in July, 1998, he was the Quality Program Director and subsequently the Engineering Director at Florida Power Corporation's Crystal River 3 Nuclear Power Plant. From November, 1992 to April, 1996, he was with TVA at their Sequoyah Nuclear Plant in Chattanooga, TN, initially as Operation Manager and then as Plant Manager.

From June, 1964 until October, 1992, Mr. Baumstark served in the Navy's Nuclear Propulsion Program. His sea assignments included six submarines, including command of a nuclear attack submarine and command of a Trident ballistic missile submarine. Shore assignments included command of Naval Submarine School in New London, CT. and several Washington, D.C. tours. He is a 1964 graduate of the U.S. Naval Academy and holds a MS degree in Business Administration from George Washington University.

ROBERT MASSE

PROFESSIONAL SUMMARY

Thirty years + commercial nuclear industry experience. Licensed Senior Reactor Operator with positions of authority at several nuclear utilities as well as Institute of Nuclear Power Operations (INPO) and a Nuclear Regulatory Commission (NRC) Senior Resident Inspector.

EXPERIENCE SUMMARY

1999 – Current **Consolidated Edison, Indian Point 2 - Plant Manager**

Member of the Indian Point 2 Executive Management team and Plant Manager. Managed the activities of the following Indian Point 2 departments: Corrective Actions, Site Engineering, Operations, Maintenance, Radiation Protection, Outage Planning, Work Control, and Test and Performance.

1993 – 1999 **Houston Power & Light, South Texas Plant – Plant Manager**

Member of the South Texas Executive management team and Plant Manager. Managed the activities of various plant departments..

1980 – 1993 **Institute of Nuclear Power Operations (INPO)**

Senior member of the INPO staff holding various management positions.

1977 – 1980 **Nuclear Regulatory Commission – Senior Resident, D. C. Cook**

NRC senior inspector resident responsible for the daily regulatory activities at D. C. Cook Nuclear Plant (American Electric Company). Directed: site regulatory actions, regulatory inspection activities, other NRC inspectors, and primary interface for NRC with site senior management.

1971 - 1977 **Commonwealth Edison – Zion Plant, Senior Reactor Operator**

Licensed operator responsible for operation of the nuclear reactor. Activities included: operation of the reactor, guidance to other operators, reactor manipulations, and other duties associated with the operation of a nuclear utility reactor.

GEOFFREY E. SCHWARTZ

Information redacted contained Personally Identifiable Information (PII).

Experience 25 years in nuclear plant engineering, maintenance and training, through senior plant and project management level.

Career Summary

Commonwealth Edison Company

LICENSE RENEWAL PROJECT MANAGER 10/99-Present
Organized and led project to obtain renewed operating licenses for Dresden and Quad Cities Nuclear Power Plants.

- Performed industry benchmarking, feasibility and business case study – during presentation to Board members, lauded by Dean of Northwestern School of Business for approach, attention to detail and soundness of financial analysis.
- Staffed project team and produced project plan, instructions and computer based tools to perform license renewal analyses required to assemble applications.

SITE ENGINEERING MANAGER 1/98-9/99
Engineering Manager for initial decommissioning of Zion Station.

- Implemented post-shutdown downsizing.
- Selected and led staff of 19 engineers in preparing station for long-term safe storage.
- Developed station strategic plan for first two years of decommissioning, identifying cost-savings that contributed to reducing initial budget over 30%.
- Completed conversion of generators to synchronous condensers ahead of schedule and within budget, concurrent with large-scale downsizing and reorganization. Provided critical transmission grid stability during summer months.
- Converted fuel building to independent spent fuel "island" nine months ahead of schedule and over $1M under budget.

ENGINEERING PROGRAMS MANAGER/ASST. SYSTEM ENGINEERING MANAGER 4/97-1/98
Directed system, programs and maintenance engineers at Zion Station during attempted recovery/restart.

- Turned around operability determination backlog, reducing open determinations from over sixty to less than ten.
- Instituted schedule for system engineering work and enforced schedule discipline/adherence.
- Maintenance engineering group recognized by Operations and Maintenance Departments for timely and sound technical support.
- Engineering programs (ISI/IST, FAC, etc.) consistently performed excellent on audits; one of the few groups in station with on-time action-tracking closure performance.

OUTAGE PLANNER/SHIFT OUTAGE DIRECTOR 10/95-4/97

- Organized and led benchmarking of industry top-performers.
- Designed and implemented central outage control facility for Zion Station.

United States Navy

MAINTENANCE MANAGER 4/93-6/95
Directed 700-person facility providing nuclear repair and manufacturing services for the Navy's largest fleet of submarines. Equivalent in commercial nuclear power to simultaneous outages.

- Achieved nearly 100% schedule adherence while remaining under budget, in the face of significant work increase and declining funding.
- Focused management emphasis on training, procedural compliance and quality, reducing accidents to nearly zero and reducing rework from 25% to 7%.
- Centralized work planning and material procurement for increased efficiency of support processes.

NUCLEAR SHIPYARD PRODUCTION MANAGER 10/90-12/92
Led 400-technician division engaged in repair of nuclear propulsion systems in Navy submarines and surface ships.

- Directed on-time execution of largest one-year nuclear workload in recent shipyard history (over $100 Million).
- Developed and implemented training program to certify Naval Engineering Duty Officers.

LONG-RANGE PLANNER 11/88-1/90
Responsible for the eight-year maintenance and overhaul schedule for 300 U. S. Navy ships.

- Coordinated national scheduling conferences involving over thirty naval maintenance organizations.
- Developed top-level (Secretary of Navy) advocacy proposals outlining funding strategies during period of over $1 Billion funding reduction.

ENGINEERING RESEARCHER 7/86-9/88
Conducted experimental research in fluid mechanics related to gas turbines during graduate school.

- Jointly published article in international technical journal.

PROJECT MANAGER 5/83-5/86 and 2/90-10/90
Led project teams of several hundred technicians conducting 2-year overhauls, repairs and modifications to nuclear submarines.

- Executed rare under-budget overhaul of an SSN-594 class submarine, returning over $1Million savings to Navy repair fund.
- Spearheaded turn around of two major submarine maintenance projects, recovering months in schedule.

TECHNICAL TRAINER 10/75-6/82

- Administered physics course, including oversight of ten instructors and textbook writing, in 600-student school.
- Taught nuclear engineering thermodynamics and pump/valve/turbine theory to classes of 45 students.

Education M.S., Mechanical Engineering, U.S. Naval Postgraduate School (GPA 3.88)
M.S., Management, Crummer Graduate School of Business, Rollins College (GPA 3.78)
B.A., Mathematics, University of California at Berkeley (GPA 3.82, Phi Beta Kappa)

James J. Tuohy
Design Engineering – Department Manager

SUMMARY: Over 25 years experience in the nuclear power generation industry. Experience includes a broad range of engineering projects, analyses, modifications, and studies. IP2 related experience includes assignments as Quality Assurance Engineer, Cable Separation Project Manager, Plant Engineering Section Manager, and Design Engineering Department Manager.

EDUCATION: Bachelor of Electrical Engineering, 1968, Manhattan College, Bronx, New York.

Other: Power System Concept Courses (General Electric, Joint Center for Graduate Study); Graduate Management Courses (FDU, NJIT).

EXPERIENCE:

Dec. 1999 to Present:	Design Engineering Department Manager at IP2
1995 to 1999:	Plant Engineering Section Manager at IP2
1990 to 1995:	Cable Separation Project Manager at IP2
1986 to 1990:	Quality Assurance Engineer at IP2
1982 to 1986:	System Engineering Supervisor, Advanced Power Generation Projects at Burns and Roe
1976 to 1978:	Electrical Engineer, Clinch River Breeder Reactor Plant (CRBRP) Project (350 MW LMFBR)
1974 to 1976:	Electrical Engineer, Forked River Project (1190 MW PWR)

PROFESSIONAL SOCIETIES:

Institute of Electrical and Electronic Engineers

TECHNICAL PAPERS:

- "Use of Gas Turbine Driven Generators as Standby Onsite Power Source"
- "Design Approaches to Mitigate Electrical Installation Problems in Nuclear Power Generating Stations"
- "An Evaluation of Cable Reduction Methods for Nuclear Power Generating Stations"

NICHOLAS C. STUART

Information redacted contained Personally Identifiable Information (PII).

914-271-7298 (OFFICE)

EDUCATION

Bachelor of Science: Mathematics
University of the State of New York, Albany, NY 1985

Senior Reactor Operator Certification:
3-Loop Westinghouse Pressurized Water Reactor, 1998

QUALIFICATION SUMMARY

20 years of experience in the administration and oversight of training programs. Training program evaluation, instructor skill assessment, and material content evaluations using the Institute of Nuclear Power Operations Accreditation Objectives and Criteria. Conducted instructor skills training, and technical course development and presentation. Qualified as a Team Manager Assistant and Program Evaluator with the Institute of Nuclear Power Operations.

PROFESSIONAL EXPERIENCE

Assistant Training Manager, Consolidated Edison, Indian Point 2 Station, Buchanan, NY, May 2000 - Present

Responsible for direction, oversight, and management of training activities related to providing quality training and qualification.

INPO Reverse-Loaned Employee - Maintenance, Technical, and Engineering Training Superintendent, American Electric Power, DC Cook Nuclear Power Plant, Bridgeman, MI 1998-April 2000

Responsible for the management and oversight of all maintenance, radiological, chemistry, environmental, and engineering training programs. Significant activities include: reconstitution of engineering support personnel training program, initial development and implementation of the maintenance supervisor training program, implementation and management of an overall training program recovery plan prior to an INPO accreditation team visit. Provide coordination of notice of violation activities related to plant restart.

Evaluator, Institute of Nuclear Power Operations
Atlanta, GA 1994 - Present

Responsible for evaluations of nuclear power plant training programs in accordance with the Institute of Nuclear Power Operations Objectives and Criteria. Qualified as Team Manager Assistant for accreditation team visits and training program content evaluator in the maintenance and engineering areas. Additional responsibilities included plant outage department liaison, academy training coordinator for three power plants, and plant problem coordinator.

Technical Analyst, MAC Technical Services Company
Richland, WA 1994

Responsible for providing technical oversight and direction to DOE-RL on the implementation of the Defense Nuclear Facilities Safety Board recommendations for Tank Waste Remediation System Program.

Manager, Training and Engineering Support, Washington Public Power Supply System
Richland, WA 1992-1994

Responsible for the oversight of all INPO accredited Engineering Support Staff Training, oversight and administration of the Systematic Approach to Training model for the Nuclear Training Division, and management of the Nuclear Training Records Facility and the Computerized Personal Qualification Data System. Also, responsible for all general department administration including budgeting, scheduling, and manpower loading.

On-loan Employee-Accreditation Team Manager Assistant, Institute of Nuclear Power Operations
Atlanta, GA 1991-1992

Responsible for Team Management of Institute of Nuclear Power Operations (INPO) Accreditation teams for the evaluation of utility programs using INPO Accreditation Objectives and Criteria. Additional duties included Academy Training Coordinator for Consumers Power and Wisconsin Electric, Training Systems Department Training Coordinator, and Accreditation Division Representative to the INPO Training Advisory Committee.

Principal Training Development and Evaluation Specialist, Washington Public Power Supply System
Richland, WA 1981-1991

Program lead for all technical training evaluation programs and course development of Accredited Program Evaluations, Instructor Skills Assessment Training, Material Content Evaluations, and Supervisor and Employee Post-Training Feedback Evaluations. Provided Instructor Skills Training in Classroom Presentation Skills, Criterion-Referenced Instruction, Instructional Module Development, and was an ODI-trained Total Quality Advantage Course Facilitator. Responsible for teaching thermodynamics (BWR and PWR), heat transfer and fluid flow, research reactor training (TRIGA), and course for credit in Thermodynamics I through Eastern Washington University.

MILITARY

Leading Mechanical Operator, Mechanical Instructor, D1G Prototype, United States Navy, 1973-1979
First Class Petty Officer, United States Navy, Honorable Discharge, June 1979
Lieutenant Commander, United States Navy Reserve, Intelligence Analyst, Active Drilling Status

SECURITY CLEARANCES

DOE "Q" Clearance-Inactive
DOD-TOP SECRET, Single-Scope Background Investigation, Active

ADDITIONAL EDUCATION

Pursued Master of Arts in the Humanities, California State University, Carson, CA
Postgraduate course work in Computer Science, Washington State University, Richland, WA
BWR Shift Technical Advisor Training Course, General Electric, San Jose, CA 1983

Resume

Gerald B Ryff
Manager Configuration Management and Control
Nuclear Power Engineering Department

Education :
BSEE New York University 1969.
University of Michigan Executive Management Program 1990

Industry Experience:
INPO Assistance Visit Peer for Engineering process 1992
IEEE Power Eng'g Public Affairs Committee - Secretary 1979.

Employment History:
3/97 to Present – Manager of Configuration Management and Controls.
Assigned Responsibility for Implementing the 50.54(f) commitments to Verifying FSAR and Updating Design basis Documents. Also responsible for upgrading the current Configuration management system at IP2.
11/96 to 3/97 - Member of Con Edison Corporate Restructuring Team.
Responsible for writing a viable business plan for Consolidate Edison's unregulated Energy Supply subsidiary company. Task was to select business segment of Energy Supply market to enter, identify opportunities to earn a significant rate of return based on extension of existing core competencies within Con Edison, and evaluate projects to invest in.
10/95 to 11/96 - Associate Chief District Operator.
Responsible to manage the day to day operation of Con Edison's distribution system. Had 36 District Operators and 2 scheduling District Operators who were responsible for the safe and reliable operation, maintenance and outage scheduling of the equipment and 1400 feeders on the Con Edison distribution system. Coordinated the operations of the Central Information Group. This group is responsible for all internal and external notifications in the event of emergencies, environmental spill or incidents or other activities which affect New York City or Westchester .
11/86 to 10/95 Managing Field Engineer - Indian Point 2 Nuclear Plant.
Responsible for a group of On site engineers and designers . Duties included, operability determinations, small modifications, and managing the field installation of modifications. Also provided on site support to Operations, Maintenance and Construction. During refueling and other outages responsible for coordinating all site requirements for design engineering and component engineering assistance.
4/70 to 11/86 - Various positions in Central Engineering Department.
Assignments as assistant engineer in electrical engineering department, progressing through associate engineer, Engineer and Senior Engineer. Supervisor in Facilities Engineering Department - responsible for various small design modifications to substation and transmission system components.

PATRICK J. RUSSELL
Information redacted contained Personally Identifiable Information (PII).

SUMMARY

Sixteen years of professional experience in Engineering, Construction and Management activities involving nuclear power generating facilities and industrial corporations. Experience includes design, engineering and specification of plant systems, inspection and evaluation of these facilities with heavy emphasis on managing and developing regulated station programs.

EXPERIENCE

1999 to present **CONSOLIDATED EDISON- INDIAN POINT 2**

Corrective Action Program Manager

Responsible for administration of the Corrective Action Program, Operating Experience Program, Human Performance Program and Station trending. Created and implemented the Corrective Action Program Leadership Plan designed to improve all programs previously declared ineffective by internal audit as well as external peers and regulators. Responsible for managing staff, leading in-house events analysis, conducting event investigations, leading event review teams, interacting with regulators, chairing the Corrective Action Review Board and developing new processes and procedures.

1999 Strategic Planning Manager

Responsible for the creation of a Station Business Plan. Developed the 2000 Business Plan, which was designed to consolidate all recovery efforts from past station events and provide a roadmap to world-class performance. Also interacted with New York Power Authority executives and management to consolidate programs and processes for the purpose of reducing Indian Point 2 and Indian Point 3 station costs and redundant activity. Led the station's Restart Oversight Team after the August 31, 1999 plant trip with complications, and subsequent Nuclear Regulatory Commission's Augmented Inspection Team (AIT) visit.

1998 to 1999 **AMERICAN ELECTRIC POWER COMPANY (Cook Nuclear Power Plant)**

Restart Projects Manager

Directed project organization responsible for major nuclear projects required for successful restart of the D. C. Cook Nuclear Power Plant. Total value of assigned projects was approximately $100,000,000. Each project team consisted of project engineering, technical and craft personnel. Peak restart project staffing was approximately 700 people. Assigned projects were generally fast track with vaguely defined work scope and technical solutions, requiring strong leadership to demand strong project planning prior to significant resource commitment. Initiated a structured project planning and management process to ensure appropriate management control of all restart projects. Led a benchmarking team to assess nuclear industry project management practices.

1996 to 1998 Plant Protection Manager

Responsible for developing and directing the Cook Nuclear Plant's regulated Nuclear Security, Access Authorization, Fitness for Duty and Fire Protection programs. Ensured compliance issues related to Plant Protection functions were thoroughly addressed, evaluated, understood and implemented through all levels of the nuclear organization. Provide direct supervision to AEP Plant Protection Department personnel and directed activities of personnel assigned to the contract Plant Protection organization. Established liaison and developed working relationships with local state law enforcement and fire protection agencies.

1993 to 1996 Fire Protection Supervisor

Responsible for the development and implementation of an effective Fire Protection program. Provided the planning and directing of fire protection activities to assure that industry codes, Nuclear Regulatory Commission rules and regulations and company instructions and policies are enforced and properly documented. Responsible for economically maximizing the reliability and performance of assigned systems/equipment and to ensure that they function at a level which supports overall plant reliability, availability and performance.

19[illegible] to 1993 Fire Protection Engineer/Nuclear Engineering Division

Responsible for engineering, design and procurement of fire protection equipment, systems and services for modifications and improvements at Cook Nuclear Plant, including those required for compliance with Appendix R to 10CFR50. Provide technical review and guidance for problems associated with construction, operation and maintenance. Additional responsibilities included preparation of cost estimates, engineering analyses and studies,

audits, drawing reviews, purchase requisitions, improvement requisitions and the compilation and review of the Cook Nuclear Plant Fire Hazard Analysis.

1985 to 1988 **IMPELL CORPORATION**
Startup/Construction Engineer
Assigned to Comanche Peak Steam Electric Station. Duties included the preparation, performance and review of system performance tests. Performed equipment startup (mechanical, electrical and instrumentation and control). Supervised testing activities and provided equipment installation, repair and maintenance. Evaluated system designs and modifications.

1984 to 1985 **KEMPER INSURANCE COMPANY**
Fire Protection Engineer
Involved in conducting inspections at a variety of industrial facilities for the purpose of evaluating risks for fire and property insurance coverage. Identify and recommend resolutions to construction design problems on assigned facilities.

EDUCATION

1984 - B.S., Fire Protection and Safety Engineering/Illinois Institute of Technology
1992 - Power System Concepts Course/American Electric Power

OTHER NUCLEAR PLANT EXPERIENCE

Plant Protection Audits:
- Davis Besse
- Palisades
- LaSalle
- Surry
  V. C. Summer

Project Management Benchmark:
- Brunswick
- Sequoyah

Construction Management Benchmark:
- Seabrook

Corrective Actions Benchmark:
- H. B. Robinson

ROBERT K. GILLESPIE
(914734-5230 email: gillespier@coned.com

RK EXPERIENCE

1999 – Present **Consolidated Edison Company**
Indian Point Nuclear Plant

Work Control Manager *April 99 – Present*
Department head position accountable for improving the work management processes and increasing the station's productivity to match industry standards.

1984 - 1999 **American Electric Power Company**
D. C. Cook Nuclear Plant

Work Control Manager *Sept 98 – April 99*
Department head position accountable for the preparation of integrated plant schedules to complete restart work, and for program ownership of the plant's technical specification surveillance testing program.

Operations Superintendent *Jan 96 – Sept 98*
Department head position accountable for operating two large PWR nuclear generating units

Executive Staff Assistant *1994 - 1995*
Staff Assistant to the Site Vice-President assigned to complete a 71-week SRO Training program that led to Senior Reactor Operator Certification.

Scheduling Superintendent *1992 - 1994*
Department head position responsible for creating and administering the overall Plant's Work Control Process during both unit outage and non-outage periods.

General Supervisor - Project Controls *1989-1991*
Section head position responsible for preparing and maintaining outage schedules.

Training Manager *1988-1989*
Section head position responsible for restructuring and managing a training staff of 70 people.

Simulator Coordinator *1986-1988*
Project management position responsible for the construction, delivery, and installation of a $24 million Control Room Simulator.

Training Support Supervisor *1984-1986*
Project management position responsible for the initial building and attainment ing INPO Accreditation of 10 specific training programs. Personally oversaw attainment of accreditation for 4 training programs on schedule.

1979 - 1984 **Public Service Company of Indiana**
Marble Hill Nuclear Generating Station

Senior Maintenance Coordinator *1982-1984*
Section head position within the Maintenance Department responsible for designing, building, and implementing the work control process.

Mechanical Maintenance Supervisor *1979-1982*
First-line supervisor of bargaining unit maintenance employees

1973 - 1979 **United States Navy**
U.S.S. Grayling (SSN-646)

Machinist Mate Petty Officer First Class
Nuclear Power Plant Mechanical Operator and emergency repair welder aboard a nuclear submarine.

EDUCATION

Graduate INPO Senior Nuclear Plant Management Course, February 1997

Certified Senior Reactor Operator (SRO) at D. C. Cook Plant, December 1995

Purdue University
BS in Mechanical Engineering Technology, May 1990

Purdue University
AAS in Mechanical Engineering Technology, May 1985

U.S. Naval Nuclear Power School
Qualified Nuclear Power Plant Mechanical Operator
Certified Nuclear Welder

John Ferrick
Information redacted contained
Personally Identifiable Information (PII).

914 734-5632 - Work

Experience: Consolidated Edison Company of New York Buchanan, New York
5/87 to Present

Held positions of increasing responsibility at the Indian Point 2 Nuclear Power Plant. Expert with all aspects of electrical generation. Experienced management skills.

Operations Manager 3/98 to Present

Manages a department of over 120 individuals. Responsible for all facets of operations at the Indian Point 2 Power Plant. Establishes priorities for conduct of maintenance and other support activities. Demonstrates effective leadership and teamwork skills. Re-organized the roles and responsibilities of the shift crews to improve operational focus. Responsible for increasing the operational standards at the facility and the successful start up of the plant after a lengthy outage. Recognized by the Nuclear Regulatory Commission as improving operator performance.

Operations Training Manager 8/95 to 2/98

Managed a section of 12 individuals. Responsible for all aspects of operations training. Managed the design, development, and implementation of operator training programs in accordance with the Systematic Approach to Training.

Implemented a more effective hiring process for operators which better identified and evaluated the necessary skills and aptitudes for successful operators. This process has substantially improved the quality of new hires and has decreased the attrition rate.

Recognized by the NRC and the Institute of Nuclear Power Operations for the use of Accelerated Learning Techniques.

Human Performance Engineer 1/93 to 7/95

Coordinated the station's Human Performance Enhancement Program. Responsible for root cause investigations of events with human error and provided corrective actions to preclude re-occurrence.

Monitored and trended performance indicators and provided recommendations to senior management to improve human performance.

Operations Supervisor 5/87 to 12/92
Held supervisory positions of shift operations. Responsible for the safe and efficient production of electricity at Indian Point 2. Coordinated all switchgear moves with the District/System Operator. Prepared and approved system isolations for the safe conduct of maintenance activities.

Consolidated Edison Company of New York New York, N.Y.
Assistant Engineer 7/84 to 4/87
Held a variety of assignments in areas of Con Edison's electrical production, transmission and distribution fields. This includes the Economic Dispatch Group in System and Transmission Operations. Responsible for identifying the economic dispatch of bulk power from within and outside the Con Edison System.

Education:

Manhattan College Bronx, N.Y.
Master of Science - Mechanical Engineering 1994
Focus in Hazardous Waste Management
G.P.A. 3.8

Manhattan College Bronx, N.Y.
Bachelor of Engineering - Mechanical Engineering 1984
G.P.A. 3.54

License:

Professional Engineer State of New York
1992

Senior Reactor Operator License
Nuclear Regulatory Commission
1989

References: Available upon request

Information redacted contained Personally Identifiable Information (PII).

David R. Morris

Information redacted contained Personally Identifiable Information (PII).

935-8881
ext 3961.

SUMMARY OF EXPERIENCE

Over 26 years of Nuclear Power experience with 15 years commercial Nuclear Power plant experience serving in Operations, Outage Management, Radiation Protection, and Quality Assurance management positions. Senior Reactor Operator licensed on BWR-6. Extensive experience in industry assessment roles as a Senior Operations Evaluator on loan to INPO, Operations Team Leader on the Cooper Station 1994 Diagnostic Self Assessment Team (DSAT), and Response Team Manager on the 1997 Clinton Power Station Integrated Safety Assessment (ISA).

PROFESSIONAL WORK EXPERIENCE

Illinois Power Company October, 1985 to Present
Clinton Power Station:

(Employer as December 2000 ownership change is AmerGen)

9/99 - present **Nuclear Station Engineering Department.** Management support assignments involving such tasks as implementing Engineering Quality Assessment Boards, department performance based trending, plant equipment reliability improvements and managing an engineering team during emergent replacement of the generator on a divisional emergency D/G. Most recent position: Supervisor Plant Equipment Reliability.

11/97 - 9/99 **Project Manager CPS Recovery Team.** Key member of a special team organized to manage site recovery and restart of the Clinton Power Station. Responsible for developing and implementing the recovery strategy that produced a site wide improvement plan and achieve a May 1999 restart. The project included managing the planning, implementation and closure of improvement plan corrective actions as well as managing the site's effort that satisfied the Nuclear Regulatory Commission's 0350 Staff Guideline for Restart approval.

6/97 - 11/97	**Integrated Safety Assessment (ISA) Response Team Manager.** Responsible for overall site preparation and implementation of a NRC Diagnostic type site evaluation conducted by an independent team of nuclear industry professionals primarily made up of senior utility management personnel. The ISA Team was lead by Ed Fuller, past President of ANS. Directly responsible for working with the ISA Team Leader in developing the ISA overall charter, ISA Team implementation plan, schedules and coordinating logistics. Responsible for interfacing with the Nuclear Regulatory Commission (NRC) Special Evaluation Team (SET) Manager for the NRC's follow-up to the ISA. Managed the site's efforts and response to the ISA/SET utilizing a dedicated CPS Response Team of over fifty personnel.
11/95 - 8/97	**Director Plant Radiation and Chemistry** This position resulted from combining Plant Technical and Radiation Protection departments under one Director. Responsible for all aspects of Plant Radiation Protection, Chemistry and Low Level Radwaste (LLRW) processing, storage and disposal. Chairman of the on-site review group. Primary designee as Plant Manager during absences.
03/95 - 10/95	**Director - Plant Technical** Responsible for Low Level Radwaste processing and storage, Plant Chemistry and Fire Protection programs.
09/92 - 02/95	**Director - Nuclear Assessment** Responsible for the site quality assurance program including assessment and auditing of station activities in areas of operations, maintenance, engineering, radiation protection and plant support.
07/90 - 08/92	**INPO Loaned Employee - Senior Operations Evaluator** Responsible for plant, simulator and outage evaluations. Facilitator for Senior Nuclear Plant Manager and Shift Supervisor Professional Development Courses. Operations Workshop speaker.

02/89 - 06/90 **Director - Plant Operations**
Overall responsible for daily plant operations. Received direct reports from operations and support supervisors. Responsible for operations department including training programs and plant staff license implementation.

12/87 - 01/89 **Director - Outage and Maintenance Programs**
Responsible for planning, preparations and execution of maintenance and refueling outages, CPS Five-year Outage Plan (long range), and analyze of outage performance. Developed the site's outage planning and implementation processes coming out of construction.

04/86 - 11/87 **Director - Nuclear Planning, Scheduling, and Outage Maintenance**
Responsible for planning and scheduling of maintenance and refueling outages, and development of project outage scheduling capabilities and products.

10/85 - 03/86 **Project Manager - ASME Programs**
Responsible for coordination of ASME N3, N5 certification upon completion of plant construction.

Advanced Science Technology Associates (ASTA)
Clinton Power Station

05/84 - 09/85 **Assistant to Vice President Nuclear**
Responsible to Vice President Nuclear for expediting resolution of project commitments to several external assessments during recovery from plant construction stop work.

United States Navy **October 1973 to May 1985**
Nuclear Submarine Service

10/73 - 5/84 United States Navy Submarine Nuclear Power Program.

* Engineer Officer - U.S.S. Indianapolis (SSN697)
* Tycom Maintenance Interface - COMSUBLANT
* Main Propulsion Assistant - U.S.S. Lafayette (SSBN616)

Miscellaneous Information:

Training

December, 1987: Received SRO license for Clinton Power Station. License no longer maintained.

Education

1973: Bachelor of Science Degree in Mechanical Engineering from Texas A-I University, Kingsville, Texas.

FRANK A. INZIRILLO
Information redacted contained Personally Identifiable Information (PII).

EDUCATION: Masters in Business Administration: Pace University, White Plains , N.Y.(1996).
Bachelor of Science: Mathematics, U.S. Naval Academy, Annapolis, Md. (1976).

QUALIFICATIONS: Certified Engineer on Naval Nuclear Submarines (1981)
Senior Reactor Operator (1985)
Root Cause Analysis (MORT) (1997)

EXPERIENCE:

JULY, 83 TO PRESENT: **Con Ed Co. of New York, Indian Point Unit 2 Generating Station.**

Manager Emergency Planning: (9 months-current position) Responsible for station readiness for nuclear plant emergencies. Coordinate with government agencies for public protection. Manage 8 person staff and a budget of ~$3.5 million.

Manager Test and Performance: (4 years.) Responsible for Technical Specification Surveillance Program, Section XI In Service Testing, Post Maintenance Testing, Unit Performance monitoring. Managed 20 person staff of Test Engineers, supervisors, field technicians, and a budget of ~ $2 million.

Manager Operations Training: (7 years) Responsible for Licensed Operator, Non-Licensed Operator, Fire Brigade and Simulator Training. Completed two INPO accreditation renewals, and 4 NRC Requalification Program Evaluations. Managed staff of 9 Operator Instructors and a budget of ~$1.5 million.

Operations Staff Manager: (3 years) Responsible for writing, review and approval of normal, abnormal and Emergency Operating procedures (EOP's). Implemented symptom based EOP's. Conducted root cause analysis of operating events. Managed staff of 6 engineers and a budget of ~$2 million.

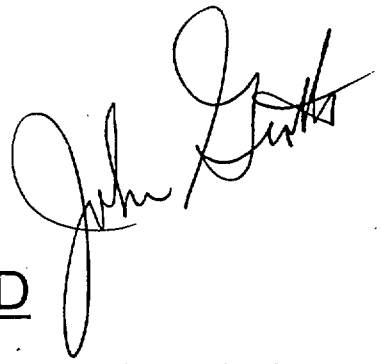
Support Facility Supervisor: (1.5 years) Assistant to Senior Watch Supervisor. Responsible for tagouts, work permits, liquid waste processing, and various other support systems.

Operations Staff Engineer: (1 year) Prepared and reviewed Operations logs and procedures. Reviewed plant modifications. Conducted event root cause analysis.

JUL 76 TO JUNE 83: **Commissioned Officer, U.S. Navy Submarine Service:** Assigned as Main Propulsion Assistant, Chemistry and Radiological Controls Officer, and Reactor Controls Division Officer. Served as instructor at the Submarine Officer School.

OTHER INTERESTS: **Captain, US Naval Reserve**: Successfully completed four command tours. Instructor for Senior Naval Officers Leadership Course.
Mahopac Sports Association: Over10 seasons as baseball and basketball coach, **Saint Elizabeth Ann Seton**. Church Lector and Holy Name Society Member.

MANAGEMENT BY WALKING AROUND



Communication is always challenging. In the highly matrixed organization needed to effectively operate Indian Point II effective communications are vital. **WE** ensure complete communication by evaluating the information and deciding how best to relay it.

The chain for relaying information is focused on decision-making - the appropriate manager, the Plant Manager, etc. However, many others also need to be informed. For example:

- Emergency Plan personnel are responsible for informing the community leaders of activities on the site - including maintenance and steam generator replacement work.
- Licensing personnel are responsible for informing regulatory bodies of all aspects of site activities.
- Purchasing personnel are responsible for acquiring needed supplies - both parts and consumables - an early heads-up can alleviate expediting charges.
- Human Resources personnel are responsible for ensuring all human needs are addressed. For example, should an injury occur, care and information for the dependents.
- Engineering personnel are responsible for assessing the safety implications of planned and projected work.
- And so on ---------.

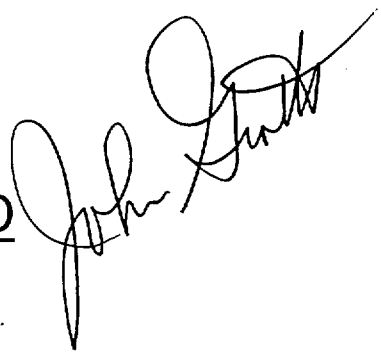
In summary, almost everyone on the site needs to know all the time what is planned, is happening or has happened. In order to ensure everyone who needs the information is informed, hand-offs and acknowledgements of responsibility for the information exchange are mandatory. **WE** all need to keep each other informed. With every bit of information ask, "Who needs to know this?" and "How quickly must they have the information?" and "Who's going to deliver the information?" Then take those steps necessary to get the word out. Finally, complete the information chain by verifying the receipt of the correct information.

John Groth
Chief Nuclear Officer

Remember - Be Safe and Keep The Core Cool, Covered and Properly Reactive.

09/05/2000

MANAGEMENT BY WALKING AROUND



We are into Phase II of the Steam Generator Replacement project. During this phase the Steam Generator Team is working in containment replacing the steam generators. **WE** are working the operating work schedule to reduce backlogs and to improve our abilities at planning the work and working the plan.

To support the steam generator replacement and recovery **WE** have authorized three modifications in the containment. Two contingencies, one on the refueling equipment and one on the orbital crane; that will be utilized if equipment problems requiring them occurs. The third modification is to improve the operation of our shutdown reactor water level instrumentation to enhance vacuum full and vent on startup. The other activities **WE** will be undertaking in containment will be in direct support of replacement and recovery activities. In the secondary plant authorized Steam Generator Replacement Team modifications support improved steam generator chemistry.

Over the several weeks **WE** must concentrate on:

- Ensuring reactor and personal safety
- Continuing Business Plan actions with special attention to training
- Replacing the steam generators

John Groth
Chief Nuclear Officer

Remember - Be Safe and Keep The Core Cool, Covered and Properly Reactive.

09/01/2000

MANAGEMENT
BY
WALKING AROUND

WE have decided to replace the steam generators now. **WE** are mobilizing the fuel movement team and placing the plant in a condition to support steam generator replacement.

The conceptual plan for the steam generator replacement is:

a) The Plant Staff will place the plant in a safe condition for steam generator replacement.

b) Steam Generator Replacement Team working with the Steam Generator Team, supported by Health Physics, Operations and Quality Control, will orchestrate the steam generator replacement and complete secondary plant chemistry up grades. The Plant Staff will continue to support the 12-week On Line Maintenance Plan and emphasize condition of business plan activities.

c) The Plant Staff will conduct post steam generator installation recovery, refueling and plant restart.

A detailed plan will be available in the next few days.

WE must maintain our focus on reactor safety, training, completion of the business plan and the safe, efficient replacement of the steam generators.

John Groth
Chief Nuclear Officer

Remember - Be Safe and Keep The Core Cool, Covered and Properly Reactive.

MANAGEMENT
BY
WALKING AROUND

In meetings and discussions the term "*ownership*" is frequently mentioned. WE use it to accept responsibility and explain why the "absence of" resulted in an issue.

What does "*ownership*" mean? How broad is "*ownership*"? How do WE "*own*" something? Where does "*ownership*" end? How do WE demonstrate "*ownership*"?

WE have to answer all of these questions to understand / apply / accept / improve performance.

WE spend most of our working life at / involved with our place of employment. Our family and friends associate each of us with our employment activity. When WE take them on tours through the site and work areas, the cleanliness and orderliness provide a lasting impression of our professionalism. WE *own* the site and everything in it through their eyes.

"*Ownership*" extends through all physical boundaries and in all areas of reputation and public discourse. WE "*own*" something by actively improving it's every aspect.

- WE learn to communicate areas for improvement, fully, in detail, and in such a way that our teammates understand the issues and can assist in addressing them.
- WE listen carefully to issues raised by our teammates, determine how the issue affects our activities, and act on making the needed improvements.
- WE step forward and accept the responsibility to coordinate the actions to resolve issues.
- WE estimate the effectiveness of the corrective actions, reanalysis the conditions and communicate these new issues that need to be addressed.

"*Ownership*" recognizes that WE each *own* a piece of every issue. WE each contribute to the solution. WE each make a difference every day in how WE conduct our business and how the site is viewed. "*Ownership*" means WE take action to constantly improve WE TEAM performance and environment.

WE have been blessed with a professional, enthusiastic staff and a capable design. WE must continue to capitalize on these advantages as WE plan our work and work our plan.

John Groth
Chief Nuclear Officer

Remember - Be Safe and Keep The Core Cool, Covered and Properly Reactive.

MANAGEMENT
BY
WALKING AROUND

In traveling around the site and when being questioned by visitors I am frequently asked to describe the program that will improve our performance. The sense of the question and the obviously desired response is some splashy short term activity that quickly reaches a defined goal.

Our performance improvement is in our business plan. A plan developed by people who do the work, funded by budget line items, and currently on track. The 2001 business plan is being developed. This plan is more detailed, better coordinated between departments, contributed to by more folks in the organization and better than the 2000 plan. WE continue to plan for the long term. Glitzy and flash are not desired - long term, sustainable, improvement is what is desired. WE need to continue to move forward every day.

As a related item, WE have a lot going on. Progress is not always obvious to everyone in the organization because building the foundation is long hard work without highly visible results. For example, since our June 1 emergency plan drill, which involved the entire site, WE have improved our pager system, improved the Reuter Stokes system, worked with all four counties, improved the Joint News Center activities, and much, much more. (WE have also prepared for an August training exercise.) These activities have not been apparent to all of the WE team but emphasis on the emergency plan continues unabated. Training, condition reports, backlogs and planning the work have similar stories. WE are moving forward. The message is: *just because you see no obvious movement, don't assume WE are standing still.*

John Groth
Chief Nuclear Officer

Remember - Be Safe and Keep The Core Cool, Covered and Properly Reactive

07/28/2000

1/21/00

MANAGEMENT
BY
WALKING AROUND

A matter of frequent consternation is the communication within the site of ongoing activities. Since February WE have been addressing technical concerns with the restart of Unit 2 before steam generator replacement. WE are preparing for steam generator replacement as rapidly as possible. In addition, WE have exhaustively inspected our current steam generators to ensure they are safe to operate and have submitted these test results along with a request to resume operations.

The inspection of the current steam generators and the analysis of the results was technically challenging. To help meet this technical challenge WE have enlisted the help of the best talents in the industry to ensure the generators are safe to operate.

Appropriately, the inspection results and subsequent analysis are receiving detailed scrutinization. Periodically, this review results in a request for additional technical information to ensure understanding. This regulatory review process is time tested and proven to serve us well.

Because of the public interest in our steam generators the media unpredictably prints information on this ongoing process. When this occurs please:

a) *READ THE ENTIRE ARTICLE.*
b) *REFLECT ON THE INFORMATION THAT HAS BEEN PROVIDED BY ONSITE MEDIA. IT IS ACCURATE AND COMPLETE.*
c) *UNDERSTAND THAT THERE WILL BE DIFFERENCES IN THE WAY THE INFORMATION IS PRESENTED.*
d) *REMEMBER THAT OUR FIRST GOAL IS TO PROTECT THE REACTOR CORE.*

The technical questions WE receive help us ensure reactor safety.

Be Patient Work The Plan Be Ready

WE will take those actions that ensure safe, long term operation.

John Groth
Chief Nuclear Officer

Remember - Always be safe and keep the core cool, covered, and properly reactive.

MANAGEMENT
BY
WALKING AROUND

The Nuclear Facility Safety Committee members were here from Monday afternoon until Wednesday afternoon for tours, interviews and a scheduled meeting. The dialogue with staff members was excellent and the insights shared were very beneficial.

The Committee members commented favorably on the improvements being made in:

A. The training process
B. The Corrective Action program
C. The Emergency Plan implementation.

They also commented positively on the openness and enthusiasm of the plant staff. (*Stay focused and stay on it.*)

The Committee also stressed three significant areas where WE continue to fall short. These areas are:

a. Integration of effort across departmental lines.
b. Meeting deadlines and due dates.
c. Prioritizing our work so that the most risk significant and important things are done in a timely manner.

These are not new weaknesses. They are weaknesses that detract from our professionalism. WE are constantly measured by our support of each other. WE accomplish a great deal when WE pull together. For every task think of and involve all other stakeholders.

Walking the talk is a favorite saying. Meeting due dates and deadlines is fundamental to walking the talk. Look ahead. Plan and resource the work. Act early to complete or on those rare occasions when necessary to get appropriate relief for a new completion date.

Our condition reporting system; in conjunction with our business plan helps us prioritize our work. Here, again, ensuring our priorities support our stakeholders is an important consideration. When WE plan our work, work our plan and communicate, prioritization is effective.

It is nice to have the Nuclear Facility Safety Committee recognize our efforts and progress. Let's use these observations of our weaknesses to help us improve.

John Groth
Chief Nuclear Officer

Remember - Always be safe and keep the core cool, covered, and properly reactive.

7/14/00

MANAGEMENT BY WALKING AROUND

A frequently asked question these days is "How are we coming with the regulatory review for restart"?

Progress is being made. The folks who are responsible for the technical review of our Condition Monitoring and Operability Assessment report are located in Rockville, Maryland. Almost every day we are in telephone communication with them to clarify statements and answer questions. Since the review process started a new phenomena occurred during steam generator testing at another utility. Applying operating experience correctly, WE have reviewed and analyzed these new phenomena to ensure that our steam generators are safe to operate. The steam generators are safe to operate. This new information has now been submitted for consideration.

As WE work our way through this appropriate, detailed, review process several other things are occurring:

A. *WE are operating all possible equipment to ensure proper operation and to permit system / component testing.*

B. *WE are providing good training with our enhanced material in a better training environment.*

C. *WE are moving rapidly forward with the steam generator replacement project.*

1. Quality control procedures are drafted and nearing completion.
2. 100% replacement steam generator tube inspection is underway.
3. Construction of the temporary building welding training facility and spare parts storage is in progress.
4. Most of the Steam Generator Replacement Team staff has been hired and have started work.
5. Plans for Health Physics activities are well along.
6. Scheduling activities are underway.
7. The steam generator-lifting rig is being tested.
8. Roads for the heavy hauls are being prepared.
9. Planning for integrating site work with the steam generator replacement project is underway.

When the steam generator review process is complete WE will be ready to move forward with the plant. In the meantime:

Continue working the business plan.
Continue getting good training.
Continue reporting and fixing our problems.

MANAGEMENT
BY
WALKING AROUND

A frequently debated question deals with when should manual intervention occur if a system is operating in automatic. Industry experience has taught us that automatic systems respond more appropriately to system transients. Therefore, systems should remain in automatic until there is certain evidence that the automatic control is malfunctioning.

WE generally think of this as an "operator's only" issue. However, when WE expand our thinking, WE understand that "operation as designed" includes application of procedures. Control of our configuration requires correct application of administrative and operations procedures. When WE step out of our procedures to complete an activity, WE have "taken the system out of automatic". Frequently, the result of such action is an unintended consequence.

For example, failure to walkdown a work plan can result in:

a) interference with another job;
b) lack of support needed to complete the task;
c) non-availability of parts needed for the task;
d) etc.

Likewise, when designing a modification on temporary facility change, failure to involve the stakeholders or walkdown the modification can:

a) result in operation outside the design basis;
b) production of a product that does not address the fundamental problem;
c) establishing a condition that fails to consider system and component interactions;
d) failure to plan and schedule training required for proper operation;
e) etc.

Deciding to take a system out of automatic, whether an operating system or a process, is a serious step and needs careful consideration. On rare occasions, rapid decision making is required. On most occasions, preparation and planning obviate the need for such action.

WE must plan our work and work our plan. Resist the temptation to answer a crisis due to lack of preparation by "coming out of automatic". If our processes and procedures are too cumbersome to allow work completion change them – don't violate them.

John Groth
Chief Nuclear Officer

Remember – Always be safe and keep the core cool, covered, and properly reactive.

7/5/2000

MANAGEMENT
BY
WALKING AROUND

From June 12th to June 16th WE hosted a group of managers, sponsored by Ontario Hydro, who were participating in a leadership development-training program. Friday, during their debrief several insights and suggestions were shared. Particular note was made of our evolving teamwork improvements and the WE signage located throughout the plant.

Over the past several weeks, Al Blind has been assembling a talented team of folks to help us plan and execute the replacement of the steam generators. These teammates bring tremendous experience to us and allow the rest of us to concentrate on our improvement efforts spelled out in the Business Plan. WE are doing the planning for the steam generator replacement in roughly half the time required industry wide for this activity, therefore their level of effort is high. These teammates are located in the trailers in the field by the Energy Education Center.

These individual contributors, working short-term contracts, have joined us in wearing Con Ed hard hats as an additional symbol of their singular dedication to our success in the steam generator replacement effort. Please greet and welcome them as they walk the plant and learn our processes; they are a vital part of our Con Ed/Indian Point family. The opportunity to improve our performance by assimilating new teammates is infrequent. Let's take full advantage to learn everything we can and demonstrate hospitality and openness during our interactions.

John Groth
Chief Nuclear Officer

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6/27/2000

MANAGEMENT
BY WALKING AROUND

In interactions with folks around station a frequently expressed sentiment is: *"I understand we need to improve. I understand the Business Plan is our mechanism for improvement. But what can I, as an individual, do more than I'm already doing? I'm already working very hard."*

WE are all working hard. WE have to learn to work smart and to use the energy of those around us to help make the work easier to accomplish. For example, Health Physics supports all maintenance and operations activities. Health Physics can only effectively provide this support if they can plan all of their work so that they can also complete the myriad tasks they must accomplish every day.

Engineering will happily analyze any component or system's operation. The answer will be complete, accurate, and provided in a timely manner if the tasking is made as soon as the requirement is known. Many times, by walking down equipment and talking with operators and maintenance personnel, the need for analysis can be anticipated and the workload planned and implemented.

Therefore, WE work smart by anticipating what WE need from other groups to accomplish our work and arranging for their support in advance. WE plan our workload, integrate the support effort involved, and then implement the plan. As WE practice this method, WE improve performance and WE also get better at the method. In fact, it becomes an accelerating chain reaction. ***Work smart. Plan the work. Work the plan.***

John Groth
Chief Nuclear Officer

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MANAGEMENT
BY
WALKING AROUND

On May 25, Indian Point 2 joined D.C. Cook on the Nuclear Regulatory Commission's ***"Agency Focus"*** list. The specific cornerstone programs that show degraded performance are:

a) **Electrical Reliability - based on the difficulties experienced on August 31, 1999.**
b) **Reactor Coolant System Leakage - based on the February 15, 2000 steam generator tube crack.**
c) **Emergency Preparedness – based on inspection findings.**

At the NRC Commission briefing on May 25, the Senior Nuclear Regulatory Managers clearly stated that the issues at Indian Point 2 are "legacy" issues, that is, issues that have been building for several years. Over time, WE have established a reputation for developing corrective action programs with excellent content, for example; the ISSA, the IPPE, but then not implementing them. As a result, improvement is sporadic and mostly ineffective. In addition, WE are not self critical nor demanding of improved operation. WE seem satisfied with mediocrity and are inward looking. WE are complacent about current levels of performance.

In 2000, WE have yet another good improvement plan – The Business Plan. The Business Plan includes the training improvement plan, incomplete items from the ISSA and IPPE, and those things that WE must do to redefine World Class. WE must work this plan together. WE must know how our department plan interface with other organizations and work together for success.

I have been a part of Indian Point 2 for almost eleven months. In that time, I have found people who recognize the need for changing the way WE do business and others who seem satisfied to stay as WE are. WE all need to feel that change is needed and is ACHIEVABLE.

WE will soon experience increased regulatory inspections and assessments. WE will be called upon frequently in public to describe our shortcomings and our progress with the corrective actions. The next several months will be exceedingly difficult and challenging. The faster WE change the sooner and shorter this difficult time will be. Our audience is skeptical of our abilities and commitment. Our history says the skepticism is deserved.

WE have demonstrated good progress in Emergency Preparedness and our team practices will continue. Our training and qualification programs are improved. WE are being critical of training content and curriculum. WE have renovated our classrooms and upgraded equipment. WE have much more work with improving training to assure our future but we've made a start.

WE all are on a "burning platform". WE all cannot stay where we are. Join hands and jump together into the improvements and changes defined by the Business Plan. WE must do what we say. Let's get better together!

John Groth
Chief Nuclear Officer

Remember – Always be safe, and keep the core cool, covered, and properly reactive.

MANAGEMENT
BY
WORKING AROUND

A teammate observed the other day that the phrase "Remember - Always be safe, and keep the core cool, covered and properly reactive," may not by fully appreciated in regard to the level of effort required by us all to make these things happen, so the following comments are offered:

> ***WE work in a complex industrial environment with large quantities of stored and in transit energy. Over time, WE tend to take the conditions WE work in for granted and accept as a natural course our safety and the safety of the public. In fact, WE rely on each other to maintain the sanctity of the plant design that includes not only the physical attributes but also the selection and training of personnel and the carefully controlled processes and procedures that keep us safe. WE are involved in these activities all of the time.***

"Always be safe, keep the core cool, covered, and properly reactive." Is not only a mantra to live by but is an expression of our reliance on each other to perform correctly in all aspects of our assignments in our complex, demanding environment.

John Groth
Chief Nuclear Office

Remember – Always be safe, keep the core cool, covered, and properly reactive.

6/7/2000

Our Company's Code of Conduct specifically outlines the proper use of company property, services, materials and time. Company property includes the Internet and e-mail. The use of company property for personal business is a direct violation of the code of conduct.

Recently, Nuclear Operations employee was found to be using a company computer and the Internet for personal reasons. In accordance with corporate policy, appropriate action was taken.

WE must all remember that WE each have an obligation to use company resources in an appropriate manner at all times, and our behavior on the job must be in accordance with the Corporate Code of Conduct.

The Code of Conduct is available for review in Public Folders on Outlook under the Con Ed, Inc., Corporate Policy Manual CEI-010.

Remember - always be safe, and keep the core cool, covered, and properly reactive

SPECIAL BULLETIN

May 20, 2000

Our outage work is coming to an end. Systems in the secondary plant are being filled, vented, operated and flushed. Scaffolds are coming down and WE are moving swiftly toward being ready to restart the plant. Keep the push toward restart on. WE want to resume an on-line maintenance work mode by the end of the month, which is eleven days away. To achieve this WE must complete our remaining refueling outage work on our secondary plant systems and complete our project work such as feedwater heater replacement and placing our turbine generator on the turning gear.

Blue ribbon steam generator review panels are at work at Westinghouse headquarters in Pittsburgh now, and will be on site next week to help us ensure that the Condition Monitoring and Operational Assessment report confirms that our generators are safe to operate. This is a very detailed, very difficult report to review and WE are receiving much industry comment and assistance. Until the report review is complete and WE are satisfied with the content, fuel load is on hold. Moving nuclear fuel is a serious evolution. To move the fuel unnecessarily is not prudent. Therefore, fuel movement awaits our final decision on the steam generators. I will advise you as soon as a restart determination has been made.

As WE continue readying the plant for restart a number of other significant activities are in progress:

- The NRC is currently considering the effectiveness of our corrective actions after the February 15th steam generator tube leak event;
- The Graded Emergency Plan Drill on June 1st will allow us to showcase our abilities to coordinate damage control, plant operations, public communications and public protection in the event of an emergency;
- The National Academy for Nuclear Training Accreditation Board will be conducting a reaccredidation visit next month for our technical training programs. Reaccredidation of our training programs will be a significant milestone for us. Preparations for this milestone are in high gear and deserve our continued commitment along with the other activities contained in our Training Improvement Plan;
- The achievement of a mutually satisfactory contract agreement with our Union members;
- Our emphasis on personal protective equipment and personal safety. With changing plant conditions this becomes ever more critical.

With these important activities in progress, maintaining our focus on nuclear and personal safety is most critical. As our plant systems come back together and are placed in operation, the conditions throughout the plant will continually change. WE must be aware for ourselves and our teammates of these changing conditions. Take the time to think through each activity and it's potential consequence.

Remember - Always be safe, and keep the core cool, covered and properly reactive.

John Groth
Chief Nuclear Officer

The Condition Monitoring Operational Assessment report is finished. The Chairman of the Board has approved submission of this report to the Nuclear Regulatory Commission for review and approval.

The report documents the most through steam generator inspection in Indian Point history. The inspection results, including analyst training and qualification has been reviewed by industry peers, members of INPO and EPRI, blue ribbon panels at Westinghouse, and our Nuclear Facilities Safety Committee, they support our conclusions.

The inspection results support safe operation of the plant. Our intention is to operate while we prepare for steam generator replacement. When WE are ready for steam generator replacement, WE will shutdown, de-fuel the reactor and replace the steam generators before year's end.

The review by the Nuclear Regulatory Commission is expected to require at least three weeks followed by public meetings, and then a safe return to power operations. Reactor refueling activities will commence in early June.

The submission of the Condition Monitoring and Operational Assessment report is a significant milestone. However, much effort remains to complete restart preparations. Celebrate this accomplishment and push onward to ensure safe, reliable operations.

Remember - Always be safe, and keep the core cool, covered and properly reactive.

Last Thursday and Friday were very challenging days for us. On Thursday, WE demonstrated our ability to respond to emergency situations, and on Friday WE demonstrated our ability to be self-critical. Our audience included the Nuclear Regulatory Commission, Federal Emergency Management Agency, state and local officials.

We demonstrated improvement and good performance in the Emergency Operations Facility, the Technical Support Center, the Operations Support Center, and the Central Control Room. WE still need to improve our ability to provide information to the public. During the drill facility activation, accountability, casualty assessment, command and control and use of our processes and procedures was capably demonstrated. This was a true team effort. Congratulations!

We will continue to train and drill in order to continue to improve in this very important function. Our next major external inspection activity is the Accrediting Team visit of June 26th. Please ensure WE each know the status of our many changes and improvements and represent us well.

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Con Edison Corporate Policy Statement

SUBJECT

ELECTRONIC MAIL

1.0 **PURPOSE** -- To establish policy and procedure for obtaining access to and using the Company's electronic mail facility, (EMC2).

2.0 **APPLICATION** -- This policy statement applies to all Company organizations.

3.0 **POLICY** -- EMC2 is a vital and effective resource in enhancing communication and productivity throughout the Company. This facility is primarily for business use and should not be used to communicate sensitive, proprietary, confidential, scandalous or otherwise inappropriate information, or for any purpose which conflicts with the policies, procedures and values of the Company. Users of EMC2 should keep in mind that their messages may be considered records comparable to written correspondence or memoranda. Incidental and occasional personal use of EMC2 is permitted but such messages are subject to the same standards as other messages, and misuse of EMC2 may result in disciplinary action.

4.0 **GENERAL PROVISIONS**:

4.1 **Authorization** - Access to EMC2 privileges by Con Edison employees will be authorized by each department's Computer Resource Coordinator. Anyone who is not an employee must also be authorized by a Company officer, and access will be limited to the most restrictive level needed for job performance. The authorization forms for employees and non-employees are available on the Corporate Forms Bulletin Board.

4.2 **Access Levels** - Use of the various functions of EMC2 is controlled by the following levels of access authorization:

Level 1 - Full EMC2 privileges

Con Edison Corporate Policy Statement

SUBJECT

ELECTRONIC MAIL

Level 2 - Mail privileges and restricted access to Bulletin Boards/Conferences

APPROVED	DATE	NUMBER	SUPERSEDES	PAGE 2 OF
Eugene R. McGrath	Nov 30, 1994	310-8	310-8 Apr 22,'93	2 PAGES

Level 3 - Mail privileges but no access to Bulletin Boards/Conferences

Level 4 - Restricted usage as specified by the authorizing officer

4.3 **Authorization Term** - Authorization for Con Edison employees remains valid throughout employment or until rescinded by the Company. Authorization for those who are not employees expires every year on December 31st unless an earlier date is specified. Reminders to renew authorizations for non-employees will be sent to the Computer Resource Coordinators annually.

4.4 **Access and Disclosure** - The Company has the right to access employees' electronic mail and files. It may disclose such information in legal or regulatory agency investigations or proceedings.

Access by the Company to an employee's electronic mail and files on the Company's computer system can only be made with the approval of the General Counsel and the General Auditor. Any access undertaken without such approval is a breach of Company policy and will result in disciplinary action.

4.5 **Message Retention** - EMC2 messages and associated files take up valuable computer space. Users should regularly review their messages and electronic files and delete those that are no longer timely or relevant.

4.6 **Bulletin Boards/Conferences** - Procedures for establishing Bulletin Boards, Conferences, and "Hot News" facilities are contained in Bulletin Board EMC2-USER-INFO.

5.0 **ADVICE AND COUNSEL** -- The Vice President, Information Resources, shall provide advice and counsel on this policy.

MANAGEMENT
BY
WALKING AROUND

In traveling around the site and when being questioned by visitors I am frequently asked to describe the program that will improve our performance. The sense of the question and the obviously desired response is some splashy short-term activity that quickly reaches a defined goal.

Our performance improvement is in our business plan. A plan developed by people who do the work, funded by budget line items, and currently on track. The 2001 business plan is being developed. This plan is more detailed, better coordinated between departments, contributed to by more folks in the organization and better than the 2000 plan. WE continue to plan for the long term. Glitzy and flash are not desired - long term, sustainable, improvement is what is desired. WE need to continue to move forward every day.

As a related item, WE have a lot going on. Progress is not always obvious to everyone in the organization because building the foundation is long hard work without highly visible results. For example, since our June 1 emergency plan drill, which involved the entire site, WE have improved our pager system, improved the Reuter Stokes system, worked with all four counties, improved the Joint News Center activities, and much, much more. (WE have also prepared for an August training exercise.) These activities have not been apparent to all of the WE team but emphasis on the emergency plan continues unabated. Training, condition reports, backlogs and planning the work have similar stories. WE are moving forward. The message is: *just because you see no obvious movement, don't assume WE are standing still.*

John Groth
Chief Nuclear Officer

Remember - Be Safe and Keep The Core Cool, Covered and Properly Reactive

07/28/2000

NUCLEAR NOTES

August 5, 1999

MANAGEMENT BY: Walking Around

This is the first in what will be a series of notes talking about philosophies and concepts of nuclear power and how they relate to all of us. WE will update this letter about every two weeks. It will focus on current challenges WE are having and how they relate to basic philosophies and concepts of nuclear power.

The name of these notes is "Management by Walking Around." This concept was made popular in Peters and Waterman's In Search of Excellence. In their book, Peters and Waterman analyzed some of the most successful companies based on their past, current and potential profitability. They found many common traits, most important was the focus on people and understanding that all employees could and would make a contribution to the success of the company if given a chance. "Management by Walking Around" was practiced by numerous successful companies.

What have our evaluations told us? WE have self-evaluations and external evaluations pointing out the importance of setting and following high standards. Why is it we sometimes fall short? There is no single, easy answer to this. If WE are all involved, communicate and know our plant, the answers will reveal themselves.

Why is this important? Our nuclear power heritage comes from the naval propulsion use of nuclear energy. Following this was the rapid commercialization and early attempts by utilities to manage a new energy source. There were unique requirements to operate nuclear power plants not recognized by these first commercial operators. This was not however, originally accepted by all utilities and led to the lessons learned from the Three Mile Island accident. The Three Mile Island incident served as the wake up call for us. The Kemeny Commission found as a major factor in the Three Mile Island accident, a one-sided emphasis on hardware standards and a failure to recognize that "human beings that manage and operate the plants constitute an important safety system". The commission commented on the importance of management involvement in all aspects of nuclear plant operation as essential for preventing another similar accident.

It is in this spirit that these notes will be known as "Management by Walking Around" and it is our intention that the topics will be based on what WE learn while listening to our plant and our people.

REMEMBER: BE SAFE AND KEEP THE CORE COOL, COVERED AND PROPERLY REACTIVE

MANAGEMENT
BY
WALKING AROUND

A frequently asked question these days is "How are we coming with the regulatory review for restart"?

Progress is being made. The folks who are responsible for the technical review of our Condition Monitoring and Operability Assessment report are located in Rockville, Maryland. Almost every day we are in telephone communication with them to clarify statements and answer questions. Since the review process started a new phenomena occurred during steam generator testing at another utility. Applying operating experience correctly, WE have reviewed and analyzed these new phenomena to ensure that our steam generators are safe to operate. The steam generators are safe to operate. This new information has now been submitted for consideration.

As WE work our way through this appropriate, detailed, review process several other things are occurring:

A. *WE are operating all possible equipment to ensure proper operation and to permit system / component testing.*

B. *WE are providing good training with our enhanced material in a better training environment.*

C. *WE are moving rapidly forward with the steam generator replacement project.*

1. Quality control procedures are drafted and nearing completion.
2. 100% replacement steam generator tube inspection is underway.
3. Construction of the temporary building welding training facility and spare parts storage is in progress.
4. Most of the Steam Generator Replacement Team staff has been hired and have started work.
5. Plans for Health Physics activities are well along.
6. Scheduling activities are underway.
7. The steam generator-lifting rig is being tested.
8. Roads for the heavy hauls are being prepared.
9. Planning for integrating site work with the steam generator replacement project is underway.

When the steam generator review process is complete WE will be ready to move forward with the plant. In the meantime:

Continue working the business plan.
Continue getting good training.
Continue reporting and fixing our problems.

MANAGEMENT
BY
WALKING AROUND

The Nuclear Facility Safety Committee members were here from Monday afternoon until Wednesday afternoon for tours, interviews and a scheduled meeting. The dialogue with staff members was excellent and the insights shared were very beneficial.

The Committee members commented favorably on the improvements being made in:

A. The training process
B. The Corrective Action program
C. The Emergency Plan implementation.

They also commented positively on the openness and enthusiasm of the plant staff. (*Stay focused and stay on it.*)

The Committee also stressed three significant areas where WE continue to fall short. These areas are:

a. Integration of effort across departmental lines.
b. Meeting deadlines and due dates.
c. Prioritizing our work so that the most risk significant and important things are done in a timely manner.

These are not new weaknesses. They are weaknesses that detract from our professionalism. WE are constantly measured by our support of each other. WE accomplish a great deal when WE pull together. For every task think of and involve all other stakeholders.

Walking the talk is a favorite saying. Meeting due dates and deadlines is fundamental to walking the talk. Look ahead. Plan and resource the work. Act early to complete or on those rare occasions when necessary to get appropriate relief for a new completion date.

Our condition reporting system; in conjunction with our business plan helps us prioritize our work. Here, again, ensuring our priorities support our stakeholders is an important consideration. When WE plan our work, work our plan and communicate, prioritization is effective.

It is nice to have the Nuclear Facility Safety Committee recognize our efforts and progress. Let's use these observations of our weaknesses to help us improve.

John Groth
Chief Nuclear Officer

Remember - Always be safe and keep the core cool, covered, and properly reactive.

7/14/00

The last 75 days have been challenging ones for everyone at Indian Point. WE have weathered a forced outage and transitioned successfully to a planned refueling outage.

WE have completed an extensive steam generator inspection program without compromise. There have been no major surprises as a result of OUR efforts to ensure that this equipment can serve its purpose until replacement. The analysis of the test results on OUR steam generators is ongoing, but results so far are in line with OUR expectations for the technical integrity and safety of the steam generators.

During this forced outage, we have completed scheduled training improvements, attended scheduled training, verified individual qualifications, and corrected our training records. In addition, WE have continued our efforts at emergency response, successfully demonstrating OUR ability to staff for an emergency and conducting numerous training exercises. WE have maintained OUR focus on Business Plan activities and kept OUR momentum for meeting our short and long range goals. With the steam generator special testing behind us, WE can see OUR way clear for restarting the plant for the summer's peak load while WE complete OUR plans for steam generator replacement. WE are confident in our ability to return to service safely and to meet the needs of OUR customers.

With the arrival of replacement fuel and RCS draindown complete WE now must focus on completing all of the planned outage work in support of subsequent startup. All of US have a part in focusing efforts toward completing all of this work safely and on schedule and returning the unit to service. In the next several weeks we have the following major challenges:

a) *steam generator operational assessment submission*
b) *turning gear on May 26th*
c) *Augmented Inspection Team follow-up inspection (two weeks duration; date to be determined)*
d) *emergency preparedness graded exercise - June 1st*
e) *return to power operations*
f) *new contract for our Union teammates*
g) *accreditation team visit - June 25th*
h) *select a steam generator replacement team and mobilize major planning effort for changeout*

I am counting on everyone to continue in OUR dedication to the success of the outage. I appreciate the sacrifices being made by you and your families to support the successful completion of this outage and to prepare for these major, very important activities. Please convey my appreciation to your families.

Remember - Always be safe, and keep the core cool, covered and properly reactive.

INDIAN POINT STATION
Nuclear Operations
April 2000

Summary

Indian Point 2 remained in cold shutdown during the month of April due to the refueling outage and recovery from the February 15 steam generator tube leak. New fuel began arriving on-site at the end of the month. Major work performed during the month included repairs to defective steam generator tubes, feedwater heater replacement, turbine inspection and repair, and disassembly of the main generator.

Three Licensee Event Reports (LER) and two NRC Inspection Reports were issued in April. The NRC conducted one public meeting at NRC Region 1 headquarters to discuss emergency planning issues.

April operations and maintenance (O&M) expenditures exceeded budget by $17.4 million and capital expenditures exceeded budget by $3.0 million. The O&M budget variation was due principally to the early start of the refueling outage.

Reactor Safety, Reliability and Production

The plant remained in cold shutdown during the month. There were no lost-time injuries in April.

Performance Indicators	April	Year-to-Date	Annual Goal
Unit Capability Factor (%)	0	66.4*	≥95.9
Unplanned Capability Loss Factor (%)	100	33.5*	≤3.0
Collective Radiation Exposure (person-rem)	78.7	156.1	≤ 197.7
Industrial Safety (Accidents per 200,000 hrs worked)	0.0	0.87	≤0.30

*= 12 month rolling average

Regulatory Performance

Inspection Report 2000-01 was issued by the NRC on April 13. This report covers the period January 25 through February 28 2000 but does not include NRC review of the February 15 tube leak event. A Non-Cited Violation (NCV 200001-01) was issued for failure to complete post-maintenance tests on safety related equipment prior to returning the equipment to service. This report also notes:

- Weaknesses in planning and work control were evident in several outage activities
- Past efforts to reduce post-maintenance testing backlog have not been effective
- There is a backlog of issues in the radiological arena requiring corrective action and resolution
- Operations log keeping, communications, and procedure use could be improved
- Insufficient planning for degraded spent fuel pool clarity delayed fuel handling.

Inspection Report 2000-02 was issued on April 28. The report is from the Augmented Inspection Team which was chartered to investigate the February 15 tube leak. The NRC noted:

- Operators took prompt and appropriate action
- Mitigation systems worked properly
- The event had moderate risk significance

Regulatory Performance (continued)

- There was no radioactivity measured off-site greater than background
- The event did not impact public health and safety

The AIT identified problems in:
- Operator performance
- Procedure quality
- Equipment performance
- Technical support.

LER 2000-02 was issued on April 13, 2000. This LER describes the failure of cable spreading room fire dampers to close during surveillance testing. Root cause of the failure was due to the improper installation of Electro-thermal links that are designed to melt when exposed to heat or electrical voltage. The links were subsequently properly installed and appropriate procedures revised to assure correct installation in the future.

LER 2000-03 issued on April 24, 2000 described entry into Technical Specifications category C-3 on Steam Generators 21 and 24. Category C-3 indicates greater than 1% of the steam generator tubes inspected showed defects. Steam generator tube inspection/analysis/repair continues.

LER 1998-07-01 issued on April 27, 2000 provides additional detail in a revision to a previously submitted LER related to the failure of a gas turbine output breaker to close on a dead bus. The failure mode was rectified and the gas turbine successfully tested.

The NRC held a public meeting on April 28 at NRC Region 1 headquarters to discuss emergency planning issues. The NRC noted:
- There was meaningful upper management involvement in emergency planning
- Performance in this area has historically been poor
- We learned much from the 8/31/1999 and 2/15/2000 events which we needed to share with others.

INDIAN POINT STATION
Nuclear Operations
April 2000

APRIL FINANCIAL RESULTS
(Millions)

			Actual	Budget	Variation
Financial Results:					
O&M:	**Month of April**		**33.0**	**15.6**	**17.4**
	Year to Date		**79.2**	**46.9**	**32.3**
Capital:	**Month of April**		**4.9**	**1.9**	**3.0**
	Year To Date		**6.3**	**3.7**	**2.6**
Human Resources[1]					
	Month Ending	**Mgt**	**380**	**423**	**(43)**
		Wkly	**303**	**317**	**(14)**
	Total		**683**	**740**	**(57)**
Equivalent Overtime, Month of 3/00			**116**	**29**	**87**
	Full Year		**77**	**22**	**55**

O & M

April Operations and Maintenance expenditures exceeded budget by $17.4 million primarily due to early start of the refueling outage and inspection of the Steam Generators.

Year to date, O&M expenditures exceeded budget by $32.3 million due principally to the current steam generator outage and timing differences from assumptions made in the budget for the refueling outage.

Capital

The capital expenditures for Nuclear Operations were over budget by $3.0 million in April and $2.6 million year to date due to early start of the refueling outage and associated projects..

1 - Reflects Corporate data. Does not include pending transfers or on-loan employees.

Bureaucracy Bashing

Our long history at Indian Point has been successful in many ways – not so successful in others. One of the less than stellar things we've done is create a large bureaucracy that makes it difficult to get our everyday work done. A certain infrastructure is necessary to prevent chaos from happening. The humorous vein we all have would say that we created chaos anyway by overdoing it.

Looking at it all in a big picture sense, we have procedures, instructions, check lists, standards, guidelines, reviews, cross-checks, inspections, evaluations, assessments, approving committees, concurring committees, independent verifications, and so on. All of these are important to ensuring that we conduct our business safely and professionally with sufficient oversight. But our reality at Indian Point is that we've "overdone" a lot of this, with no additional value being added. Most of what is overdone is a direct result of trying to fix something that went wrong, but addressing symptoms rather than root or apparent causes. We continue to further box ourselves in instead of providing ourselves with appropriate controls balanced with flexibility. We erect barrier after barrier under the guise of good intentions.

We are embarking on a campaign to rid ourselves of a lot of our bureaucratic "box". Whether it's a mature program, or a practice or procedure; if we can make it simpler and take away the pieces that add no value, then we will do it. Examples of some recent successes include: site entry process for visitors; modification process; improved Fix-It-Now process (FIN) and integrated resources loaded planning.

WE NEED YOUR HELP!

Identify those bureaucracy items that make no sense to do. Send me an e-mail personally or come see me and I'll do what I can to change it. Once a month, I'll write about how we're doing. Remember – simple is better, and usually safer. Together WE make this a better place to work and be proud of.

Bob Masse

Robert E. Masse, Plant Manager

Remember - Be safe and Always keep the core cool, covered, and properly reactive!

Bureaucracy Bashing

We said several weeks ago that we were beginning a "bureaucracy bashing" campaign. We asked for folks to send us "little or no value-added" examples to work on. We're fixing them as we go. Progress is quick on some, "bureaucratically" slow on others!!

1. Every temporary facility change (TFC) receives a Station Nuclear Safety Review (SNSC). We're changing this requirement so that lesser, non-safety-related TFC's do not receive such stringent review. This allows for much tighter control of those TFC's that need it while at the same time we continue our efforts to reduce the total number.
2. Overall workload for the Station Nuclear Safety Committee will be reduced over the next few weeks. We received a Technical Specification amendment which removes SNSC from that document and places the requirements under the cognizance of the Quality Assurance program document. We intend to lessen the scope of what SNSC does to make the committee more effective by focusing on reviews of safety-related items only. This will also place the committee scope in line with most other utilities that have made this change earlier. Much of the scope SNSC has dealt with over the years had little or no effect on nuclear safety, but was required by multi-tiered commitments (e.g. ANSI Standards) referenced in our Technical Specifications.
3. Revision 3 of SAO-112, the Corrective Action Program is very close to being approved. This revision will incorporate many suggested changes to the program that have been submitted by our folks in the past several months. The Corrective Action Review Board (CARB) will then begin immediately to work on several still needed changes that will be integrated into Revision 4 within the next 3-4 months. The overriding philosophy of the CARB will be to simplify the system into one that is completely user friendly while maintaining the integrity of the cornerstones of identification, evaluation, correction, and follow-up of deficiencies noted. Of all station programs, this one if properly implemented can lead us to the successful future we seek at IP2.

More to Come!!!!

Bob Masse

Robert E. Masse, Plant Manager

Remember - Be safe and Always keep the core cool, covered, and properly reactive!

Bureaucracy Bashing

July 17, 2000

One of our corporate instructions is CI-240 "Quality Assurance Program for Operating Nuclear Power Plants." This instruction was developed back in the 1970s as a governing document to satisfy the Nuclear Regulatory Commission's 10CFR20, Appendix B "Quality Assurance Criteria for Nuclear Power Plants." It contained policy statements, a description of the organization, list of Class A items, and detailed implementing procedures.

Evolution of regulations resulted in our development of the Quality Assurance Program Description (QAPD) and Quality Assurance Program Documents – mostly in the form of Station Administrative Orders (SAOs). Throughout the 1980s and 1990s, we have maintained CI-240 in parallel with our QAPD and SAOs. Clearly, CI-240 is redundant and represents additional bureaucracy that we don't need.

We are currently eliminating CI-240 by validating that policy and organizational elements are indeed addressed by the QAPD and SAOs. The first part, verifying that there are no QA commitments in CI-240 that are not in the QAPD, is complete. The final step is to identify any procedural elements that are not in existing procedures. When complete, we will have eliminated the need to initiate revisions to a corporate level procedure when we change things related to quality requirements. This will be completed by the end of the year.

Our thanks to Tim Cotter and others for their leadership in an important "bashing" effort. Keep the ideas coming, folks!

Bob Masse

Bob Masse, Plant Manager

Remember - Be safe and

Always keep the core cool, covered, and properly reactive!

Bureaucracy Bashing

August 30, 2000

Our thanks to Mike Miele for contributing this month's summary of items. Our health physics teammates have been working on these to make our jobs simpler.

Our Radiation Work Permit process, as described in SAO-302, "Radiation Work Permits Program and HP-SQ-3.008, "Radiation Work Permit" has been revised to reduce unnecessary burdens and controls that did not benefit the radiological safety of the worker. This new streamlined process allows a job specific Radiation Work Permit to be for the duration of the job instead of only 7 days (with the worker previously having to re-request the Radiation Work Permit each new week). Signing in on a Radiation Work Permit is only done once (versus every week) or if there is a significant revision. Frequent, redundant surveys for Radiation Work Permits have been reduced to only the necessary amount.

The number of Radiation Work Permits has been significantly reduced and they have been broadened in scope for both normal and outage periods. This allows the worker greater flexibility in performing various tasks continuously without having to sign out of one Radiation Work Permit and then back in on another.

Satellite Health Physics checkpoints have been minimized or eliminated. Workers previously needed to check-in with Health Physics multiple times, now they only have to do this once.

Unnecessary turbine work boundaries for radioactive materials have been eliminated, as have the use of Personnel Contamination Monitors for turbine work.

Workers were given the responsibility for their own Thermoluminescent Dosimeter's, eliminating needless delays and repetition in handing out and returning them.

Implementing the "Green is Clean" RadWaste program has reduced a need to frisk individual items. Instead, several items are grouped together in bags and the bag is frisked within specific guidelines. Radiological awareness is maintained, but the job is made simpler.

Practical Factors (protective clothing dressout training) has been eliminated for most outage workers as well as plant personnel.

Contaminated tool handling has become quicker and easier with the allowance of labeling a secondary container versus each and every tool.

Bob Masse

Bob Masse, Plant Manager

Remember - Be safe and

Always keep the core cool, covered, and properly reactive!

1999 Self Assessments

Department	Self-Assessment Area	Team Lead	Report Date	Industry Peer	Consultant	Other Dept.
Chemistry	Chemistry Monitoring and Control	Willman	November 1999			
Chemistry	Closed Cooling Water Systems	Teague	March 1999			
Chemistry	Watch Routines	Poplees	March 1999			
Chemistry	Chemistry Records	Peters	April 1999			
Computer Applications	Simulator	USUG	March ,1999	X	X	
EH&S	Chemical Assessment	Coates	Oct. 1999 (draft)			X
EH&S	Oil Assessment	Coates	Oct. 1999 (draft)			X
EH&S	SPEDES	Ramon	Sep. 1999 (draft)			X
Engineering	Engineering Effectiveness	DeVine	March 1999		X	
Human Resources	HR Support to IP2	Adamo	Sep. 1999 (draft)			
Licensing	LER Process	Allen	August 1999	X	X	
Maintenance	Conduct of Maintenance	Martin-Sigmon	August 1999		X	
Mat'l Procurement	Material Tracking	Maier	November 1999			
Mat'l Procurement	Blanket Orders	Vitale	February 2000			
Mat'l Procurement	Invoice Processing	Polao	April 1999			
Nuclear Projects	Trend Analysis	Geider	June 1999			
Operations	Conduct of Operations	Dean	January 1999		X	

Department	Self-Assessment Area	Team Lead	Report Date	Industry Peer	Consultant	Other Dept.
Operations	Conduct of Operations	Martin-Sigmon	February 1999		X	
Operations	Temporary Change Processes	Gorman	September 1999			
Quality Assurance	Audit Program	Sager	March 1999			
Quality Assurance	Ombudsman Program	Patch (NYPA)	April 1999	X		
Quality Assurance	QA Program	CMAP	May 1999	X		
Rad. Protection	Control of Radioactive Material	Martucci	March 1999		X	
Rad. Protection	RP Instrumentation	Dampf	June 1999			
Rad. Protection	ALARA/Person Rem	Parry	September 1999			
Rad. Protection	Radiation Protection Program	Donegan	November 1999			
Site Engineering	Sys. Engr. - Work Control Interface	Okin	March 1999			X
Site Engineering	EQ Program	Dong	March 1999	X		X
Site Engineering	System Reviews	Eagleton	June 1999			X
Site Engineering	Flow Accelerated Corrosion	Bergren	November 1999			X
Site Engineering	System Engineering	Bauman	November 1999		X	X
Training	Maintenance	Willman	September 1999	X		
Training	I&C Technicians	Willman	June 1999	X		X
Training	Simulator	USUG	March 1999	X		
Training	Engr. And Support Personnel	Willman	July 1999			X
Training	Supervisor Training	Elder	August 1999	X		X
Training	Instructor Training	Elder	November 1999	X	X	
Training	RP Technician	Elder	July 1999	X		X
Training	Chemistry Technician	Elder	June 1999			X
Training	Chemistry Technician	Willman	September 1999			
Work Control	Deficiency Tagging	Cubeta/Parker	February 1999			X
Work Control	Test 95 Scheduling Data Base	Poirier	July 1999			X
Work Control	Work Control Process	Benjamin	December 1999			X

2000 Self Assessments

Department	Self-Assessment Area	Team Lead	Report Date	Industry Peer	Consultant	Other Dept.
Corrective Action	Corrective Action Program	Hale	March, 2000		X	
Corrective Action	Operating Experience	Russell	In Progress	X		
Configuration Management	Set Point Control	Elwanger	In Progress			
Engineering	Engineering Performance	Pelletier	August, 2000		X	
Engineering	Maintenance Rule	Sutton	July,2000		X	
Engineering	Equipment Reliability	Walters	In Progress	X		
Generation Support	Envir. Health & Safety	Gorman	September, 2000		X	
NQA	Quality Assurance Effectiveness	Cooper	January, 2000		X	
NQA	Self Assessment Effectiveness	O'Toole	February,2000	X	X	
NQA	Quality Assurance	Etzweiler	August 2000		X	
NQA	August 31 Follow-Up	Finucan	In Progress			X
Training	Training SER	Vehec	April, 2000	X		
Work Control	Work Management Process	Benjamin	January, 2000			X

INPO Assist Visits - 2000

Outage Mgt Assist	Indian Point Station Unit No. 2	Marc Huestis	01/31/2000-02/04/2000
Sr. Rep. (Assistance) Visit	Indian Point Station Unit No. 2	Bob Masse	02/14/2000-02/15/2000
Accreditation Assist	Indian Point Station Unit No. 2	Deirdre Murphy	02/23/2000-02/25/200(
Human Performance Assist	Indian Point Station Unit No. 2	Pat Russell	02/28/2000-03/03/200(
Engineering Assist	Indian Point Station Unit No. 2	Jack Parry	03/14/2000-03/15/200(
Industrial Safety Assist	Indian Point Station Unit No. 2	Keith Barouch	03/20/2000-03/24/200(
Corrective Action Assist	Indian Point Station Unit No. 2	Pat Russell	06/19/2000-06/23/200(
Operations Assist	Indian Point Station Unit No. 2	John Ferrick	07/10/2000-07/14/200(
Engineering Assist	Indian Point Station Unit No. 2	John Ventosa	07/24/2000-07/27/200(
Equipt Performance Assist	Indian Point Station Unit No. 2	John Ventosa	07/31/2000-08/04/200(
Accreditation Assist	Indian Point Station Unit No. 2	Deirdre Murphy	09/05/2000-09/07/200(

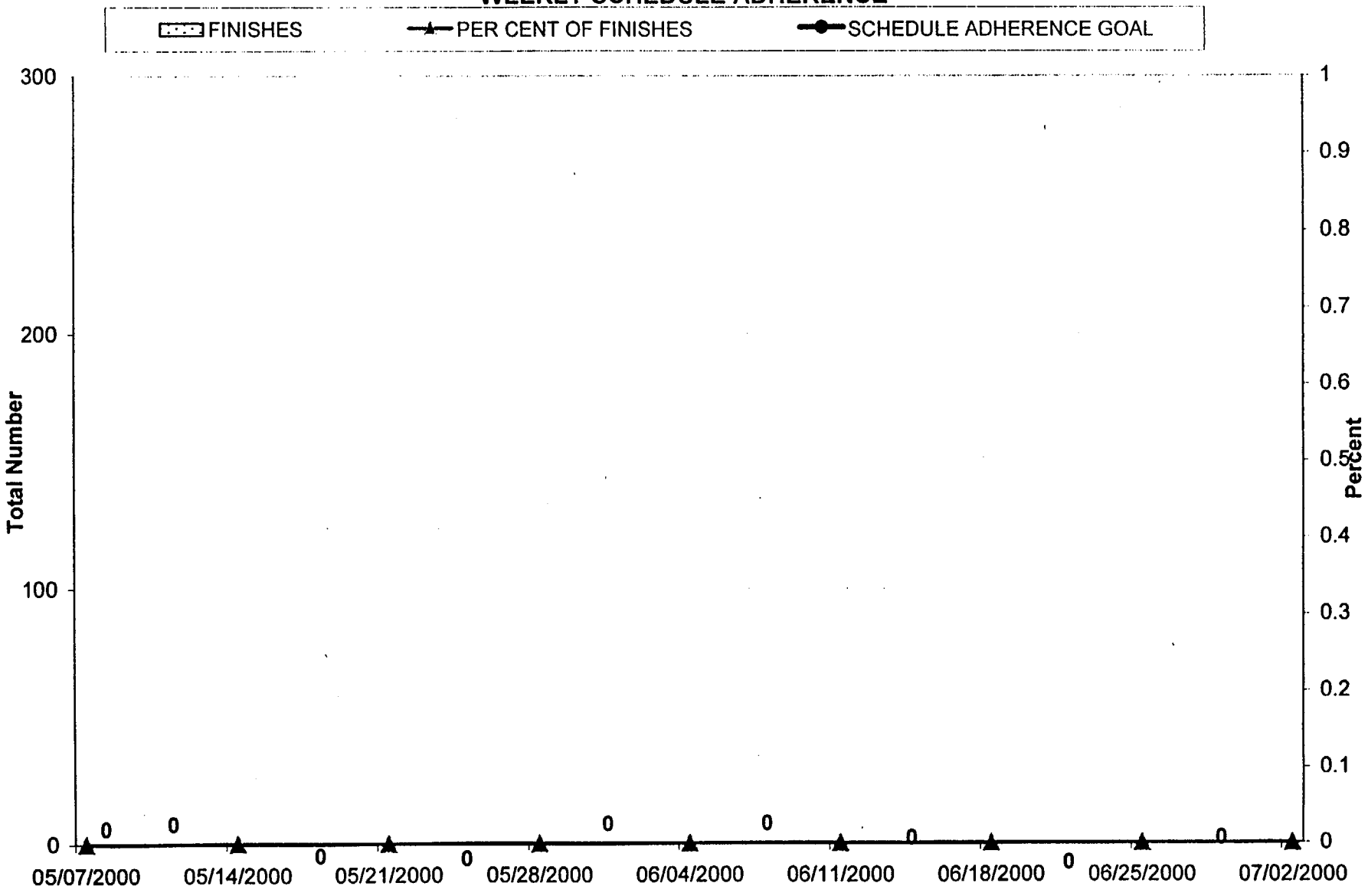
SECTION I

PRODUCTIVE PEOPLE

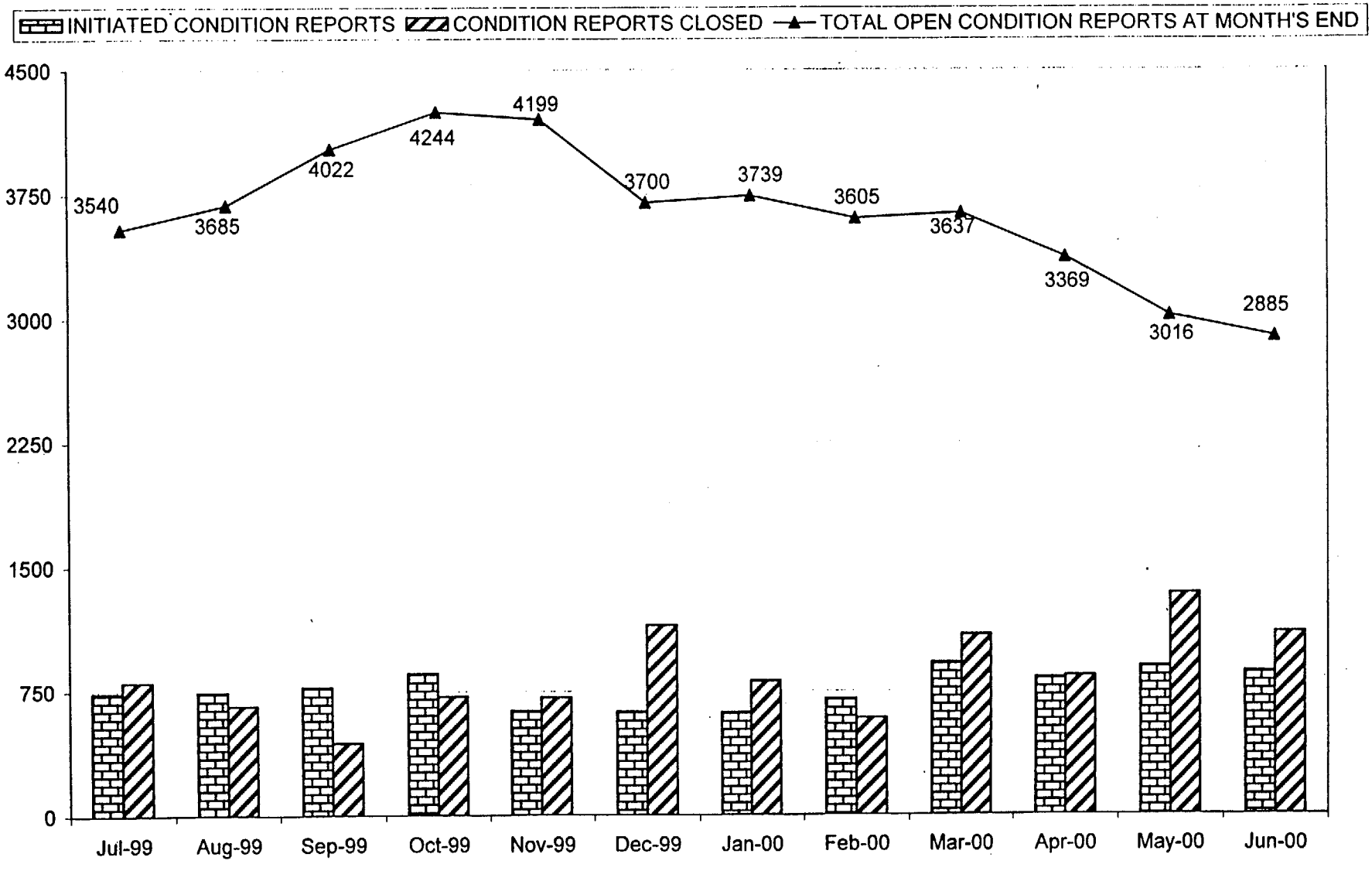
&

CULTURE

WEEKLY SCHEDULE ADHERENCE

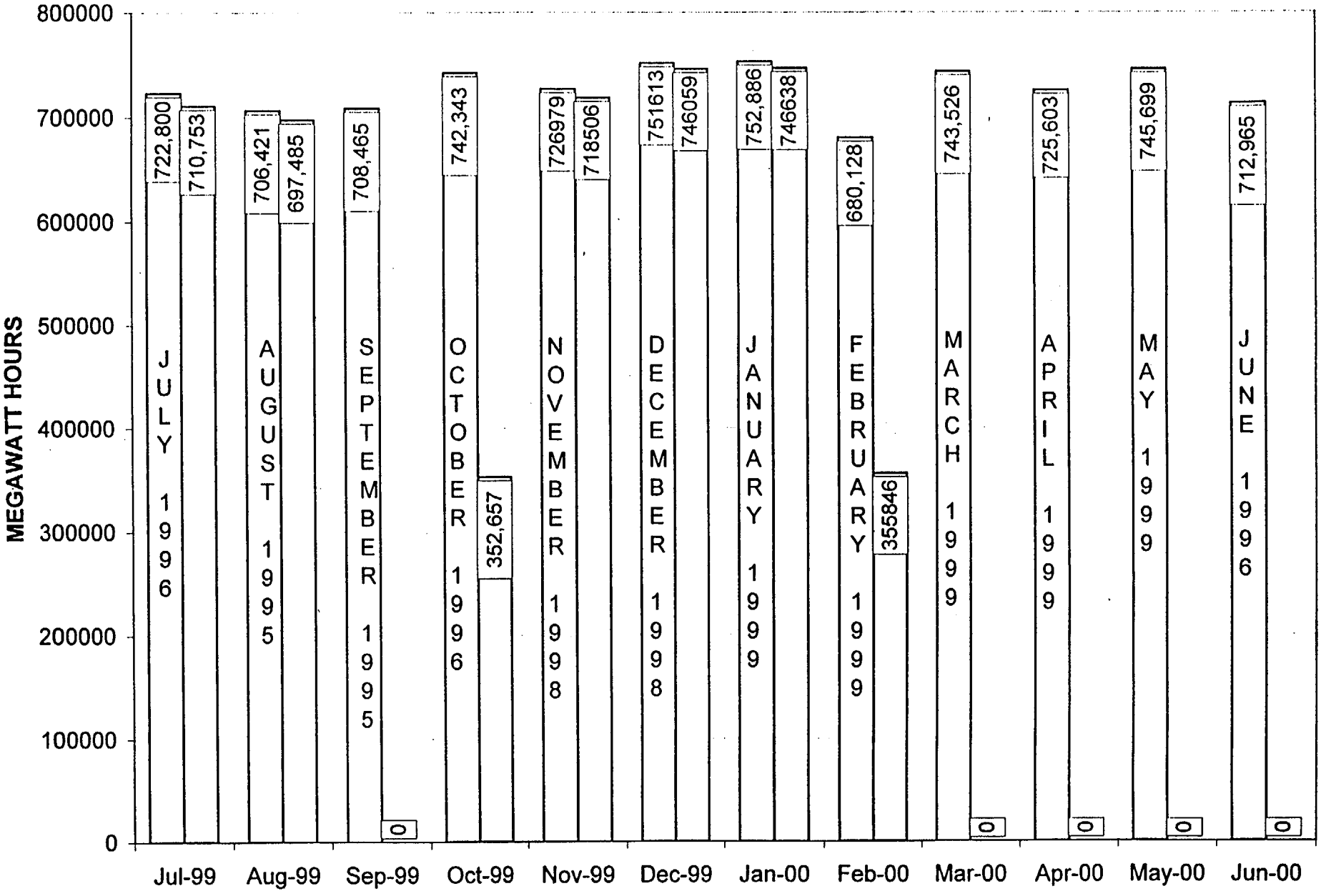


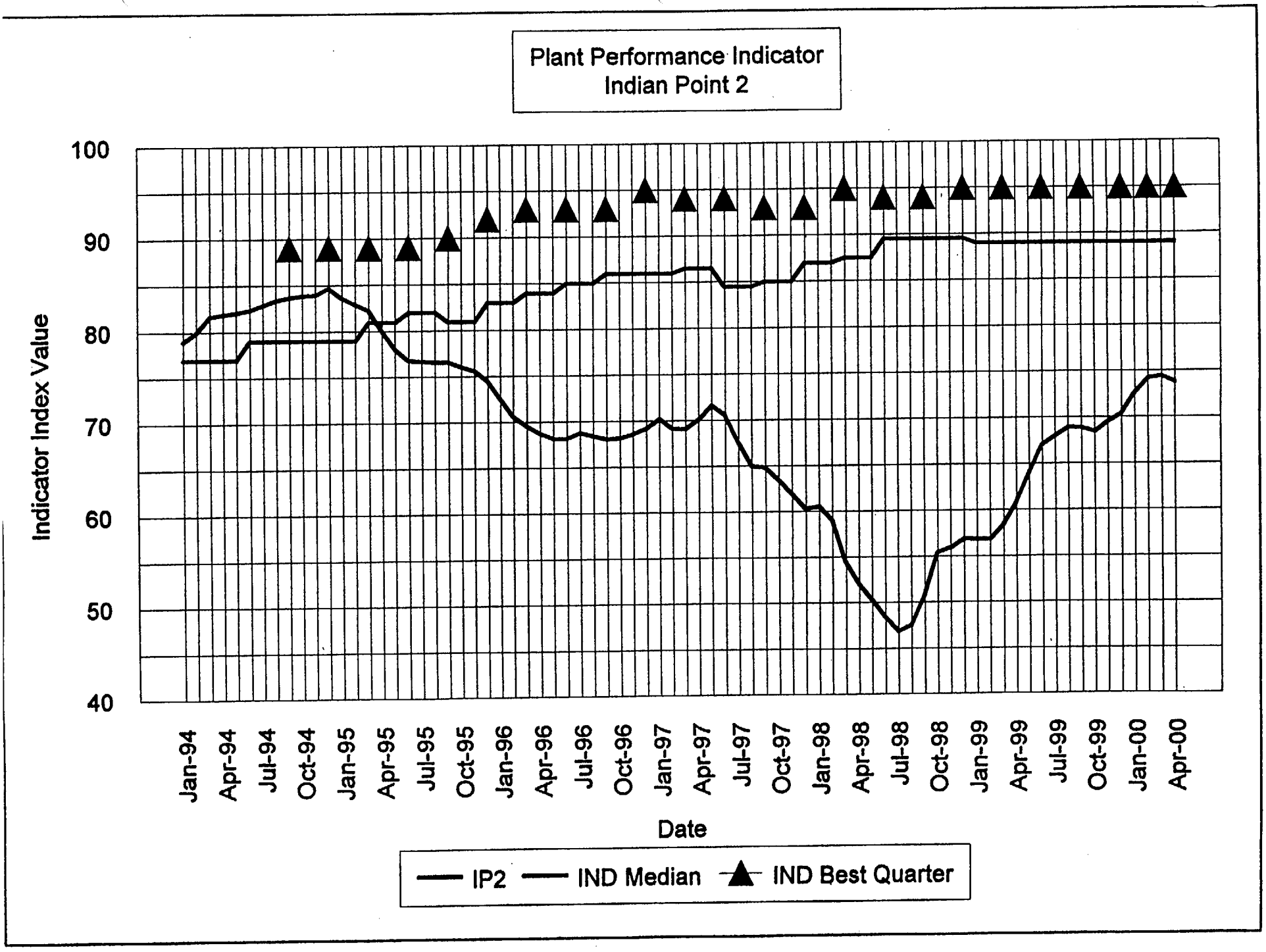
CONDITION REPORT STATUS



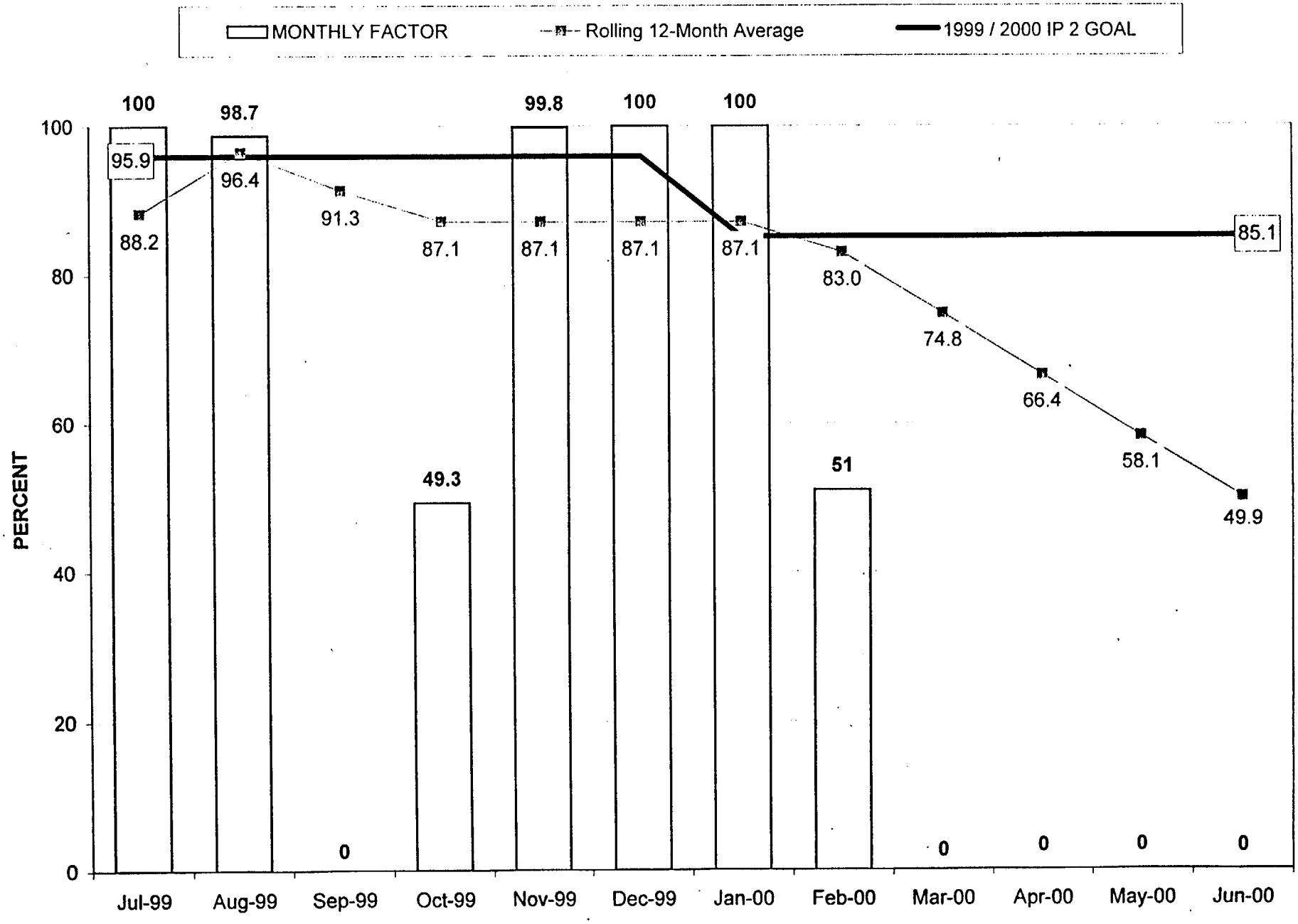
SECTION II
SAFE, RELIABLE OPERATIONS

MONTHLY GROSS GENERATION Vs. PREVIOUS BEST

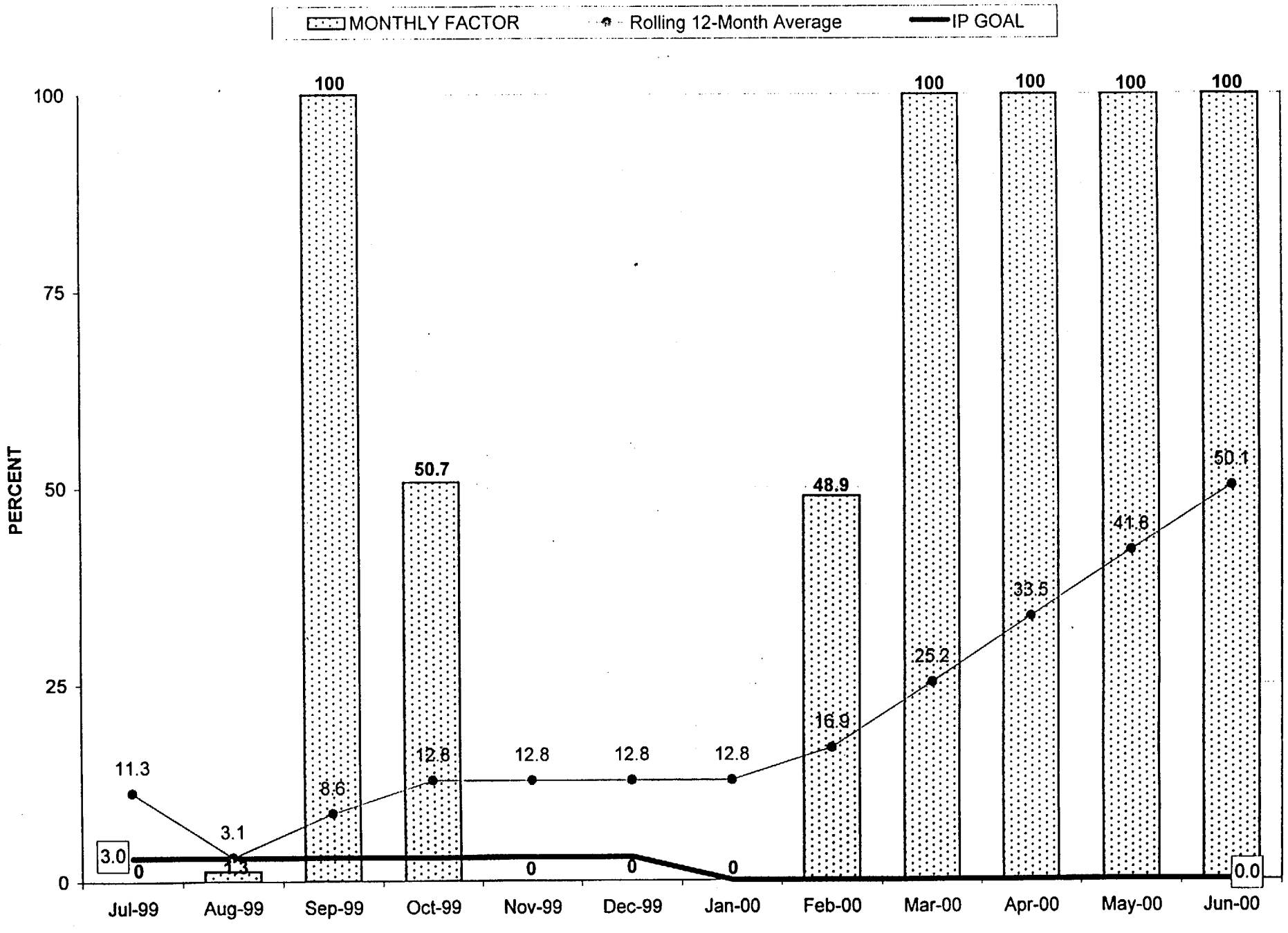



Plant Performance Indicator
Indian Point 2
Indicator Index Value
100
90
80
70
60
50
40
Jan-94
Apr-94
Jul-94
Oct-94
Jan-95
Apr-95
Jul-95
Oct-95
Jan-96
Apr-96
Jul-96
Oct-96
Jan-97
Apr-97
Jul-97
Oct-97
Jan-98
Apr-98
Jul-98
Oct-98
Jan-99
Apr-99
Jul-99
Oct-99
Jan-00
Apr-00
Date
IP2
IND Median
IND Best Quarter

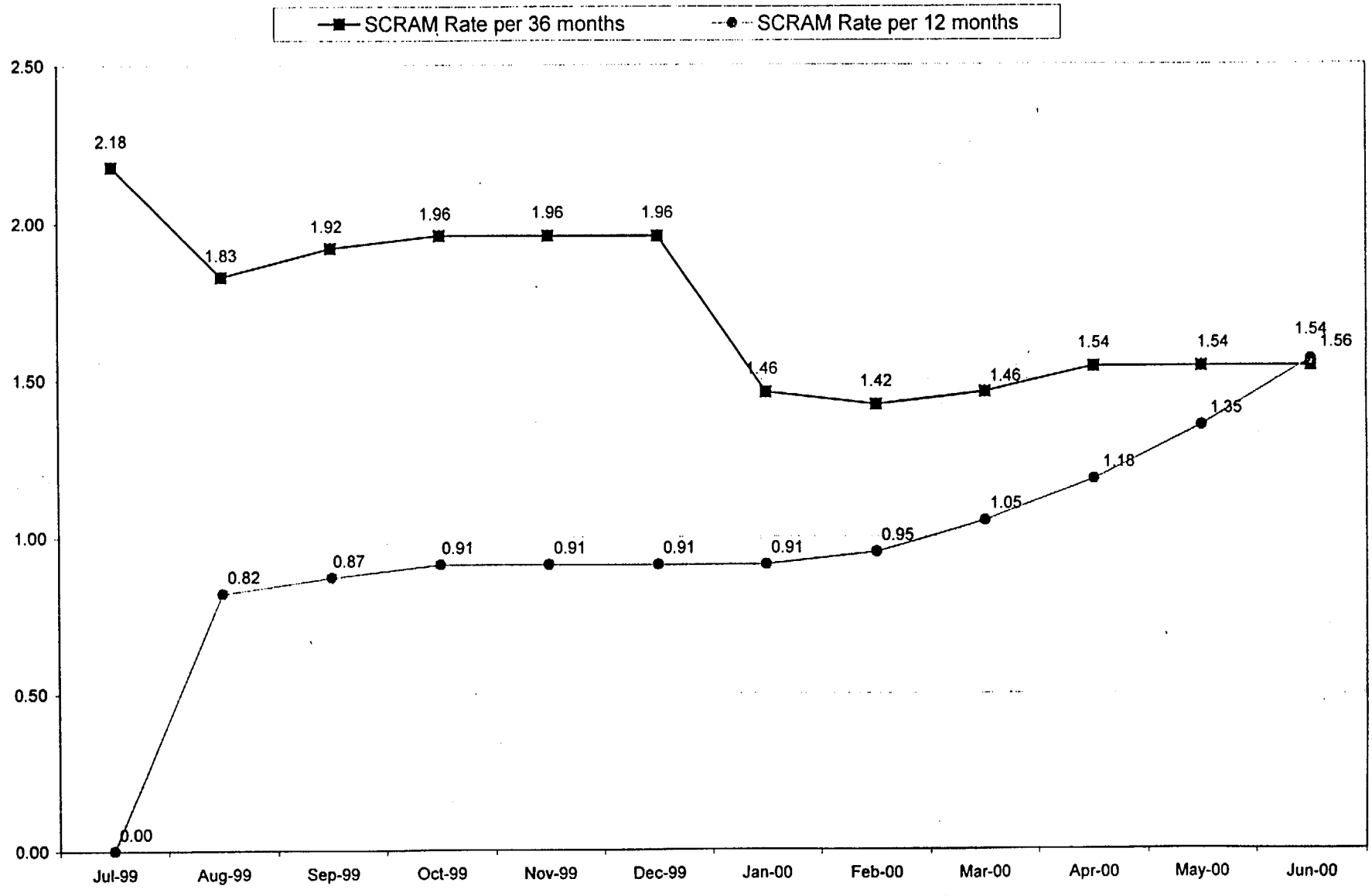
UNIT CAPABILITY FACTOR

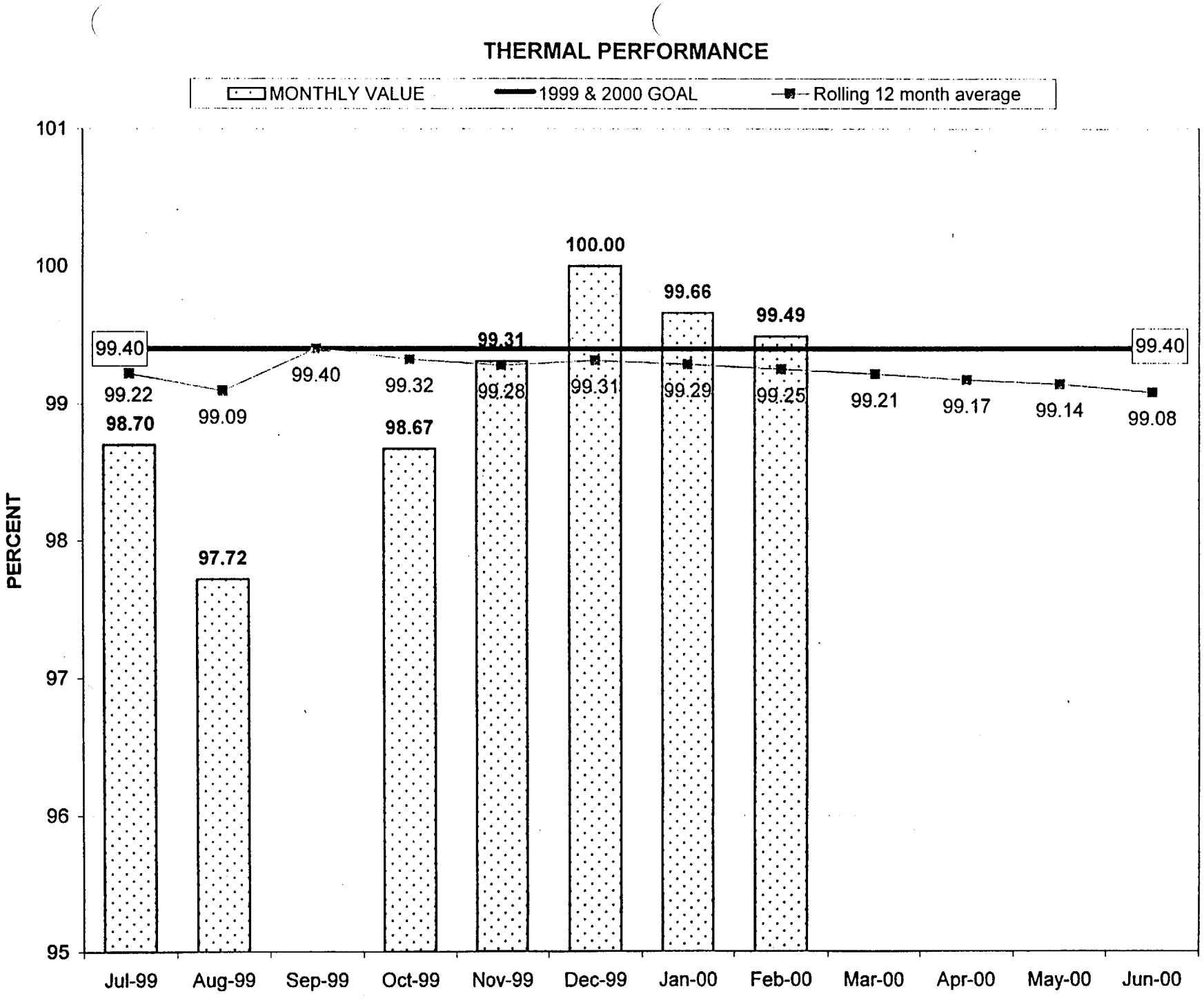


UNPLANNED CAPABILITY LOSS FACTOR

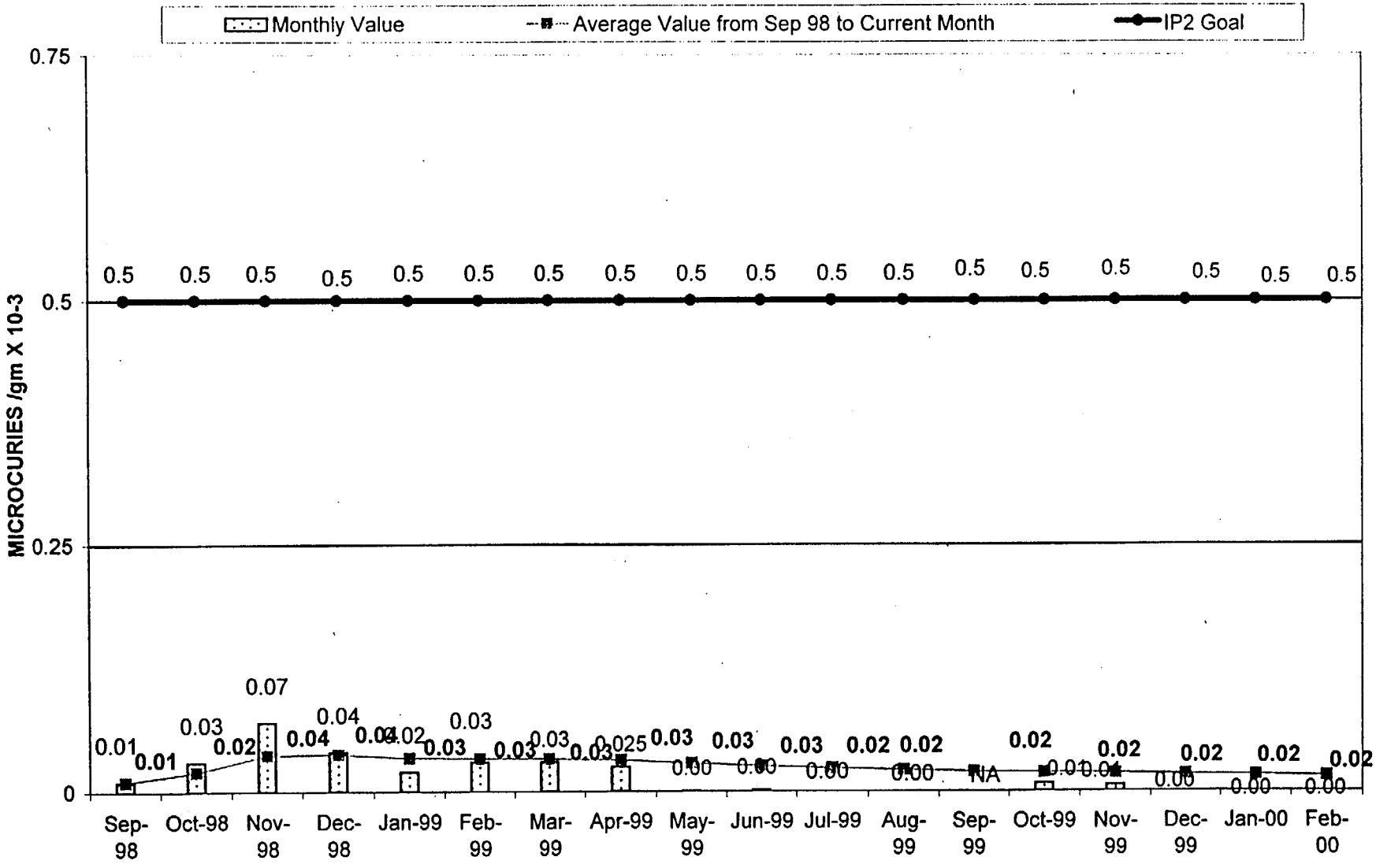


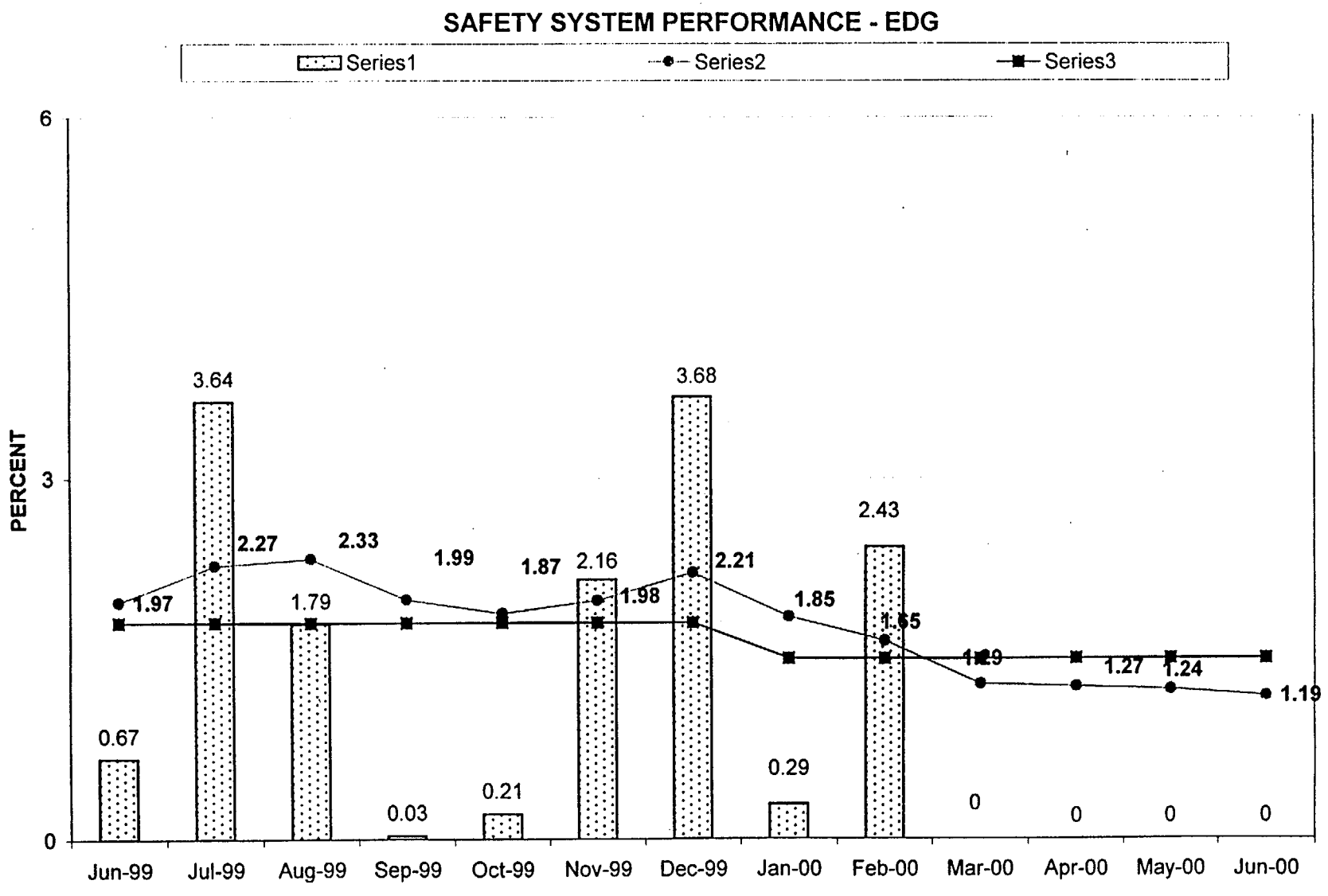
AUTOMATIC SCRAMS PER 7000 HOURS



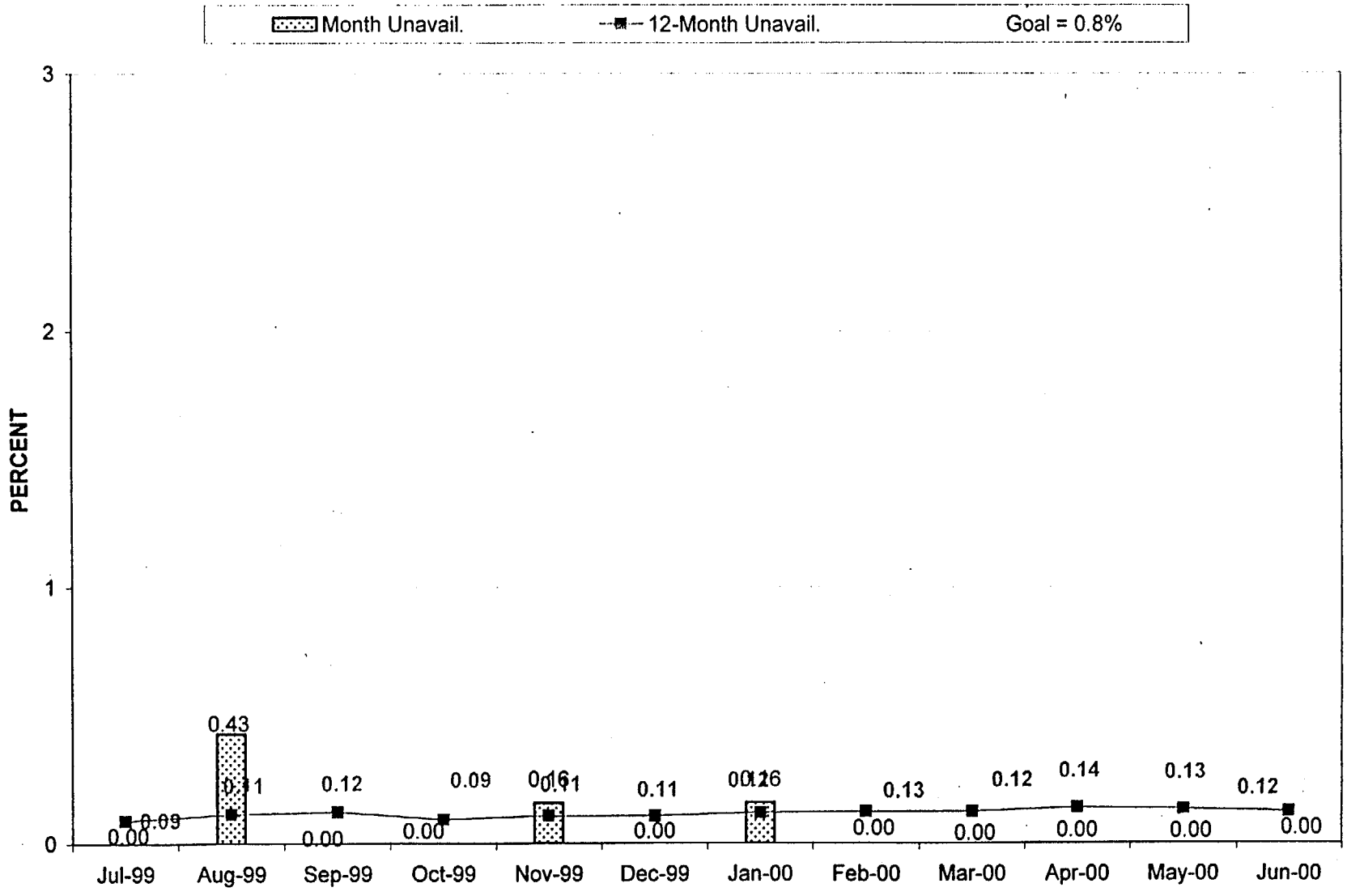

THERMAL PERFORMANCE
MONTHLY VALUE
1999 & 2000 GOAL
Rolling 12 month average
PERCENT
101
100
99
98
97
96
95
99.40
99.40
99.22
99.09
99.40
99.32
99.28
99.31
99.29
99.25
99.21
99.17
99.14
99.08
98.70
97.72
98.67
99.31
100.00
99.66
99.49
Jul-99
Aug-99
Sep-99
Oct-99
Nov-99
Dec-99
Jan-00
Feb-00
Mar-00
Apr-00
May-00
Jun-00

FUEL RELIABILITY INDEX

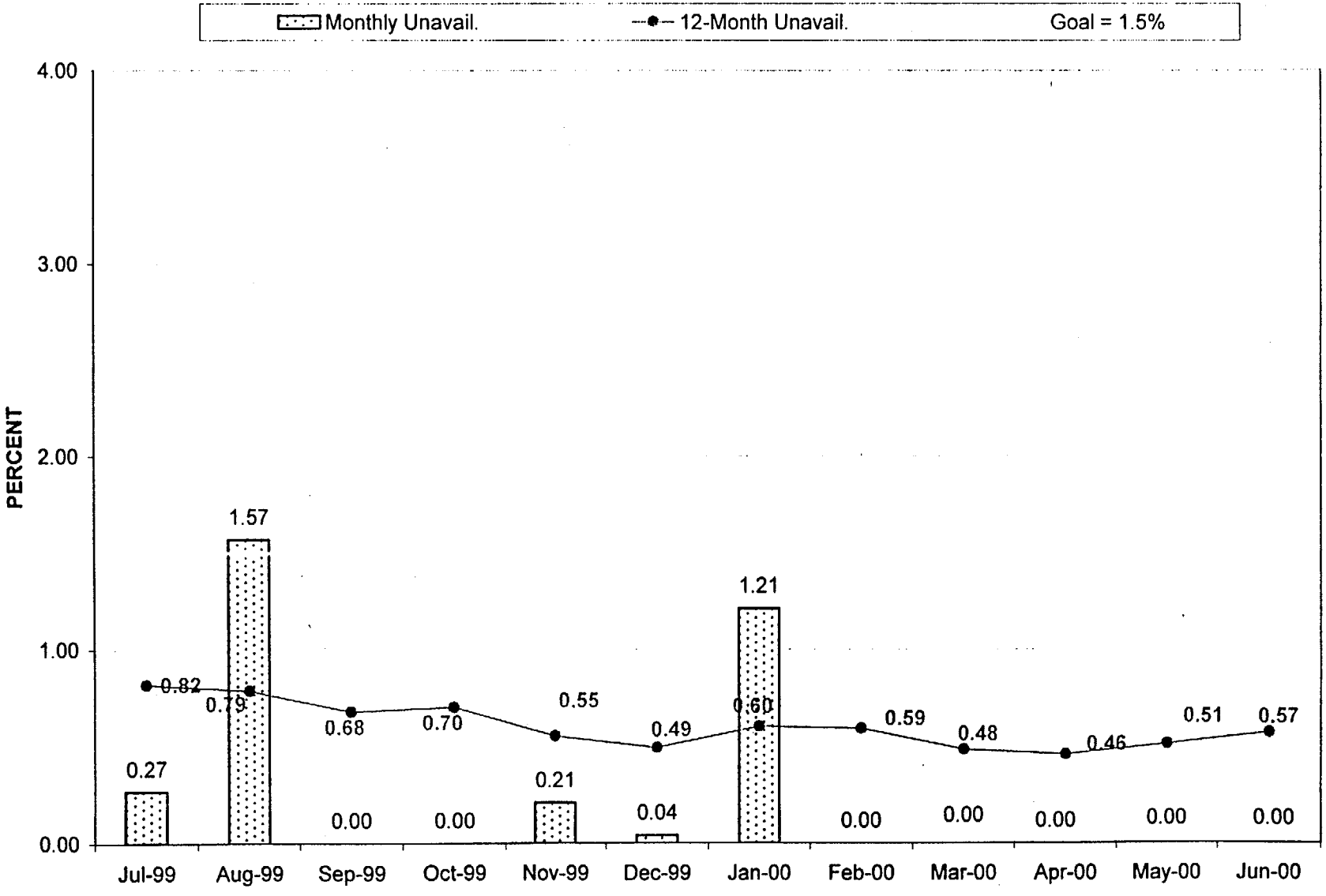



SAFETY SYSTEM PERFORMANCE - EDG
Series1
Series2
Series3
PERCENT
6
3
0
3.64
3.68
2.43
2.27
2.33
1.99
1.87
2.16
2.21
1.85
1.97
1.79
1.98
1.55
1.27
1.24
1.19
0.67
0.03
0.21
0.29
0
0
0
0
Jun-99
Jul-99
Aug-99
Sep-99
Oct-99
Nov-99
Dec-99
Jan-00
Feb-00
Mar-00
Apr-00
May-00
Jun-00

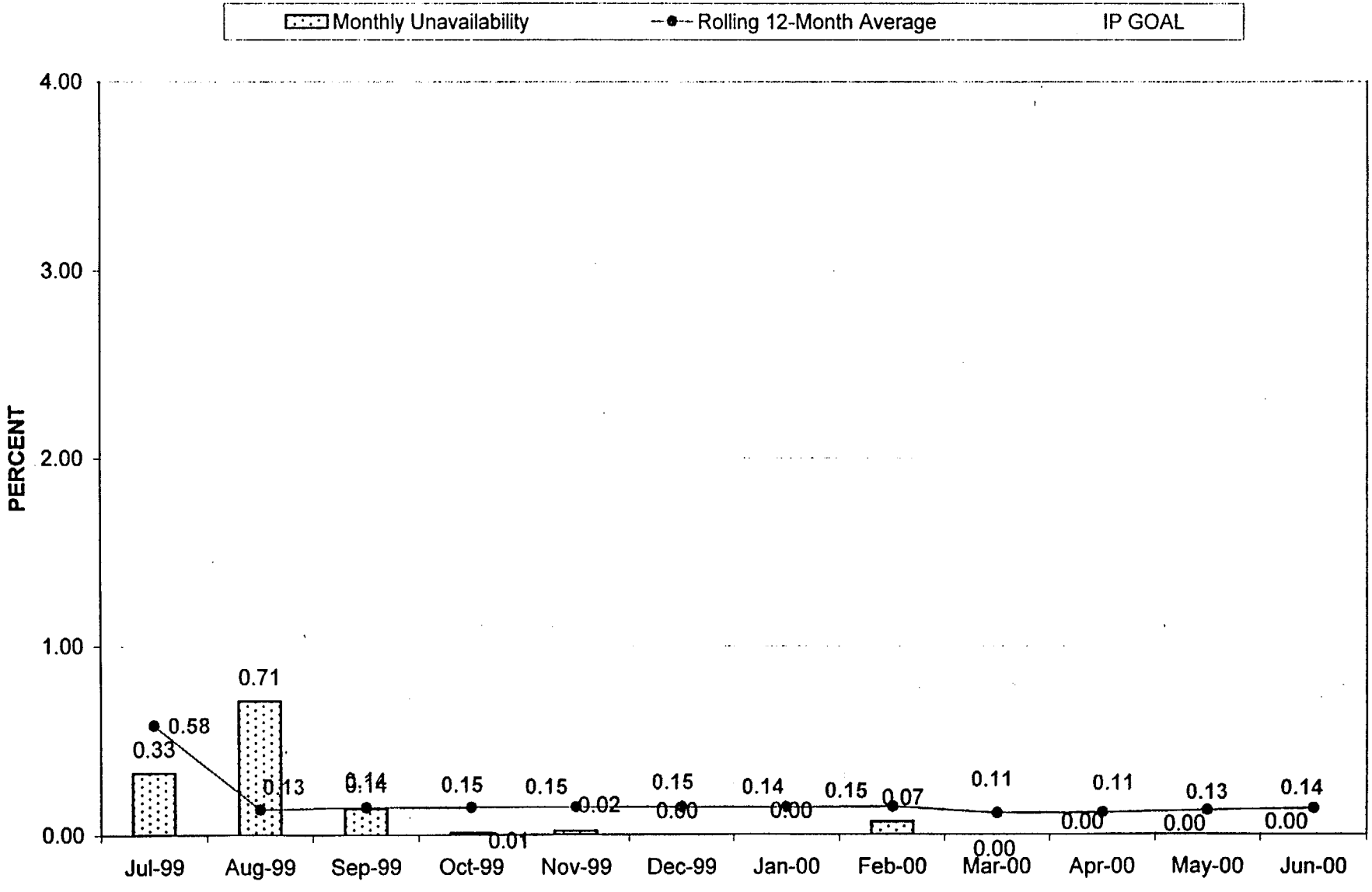
SAFETY SYSTEM PERFORMANCE (SI)



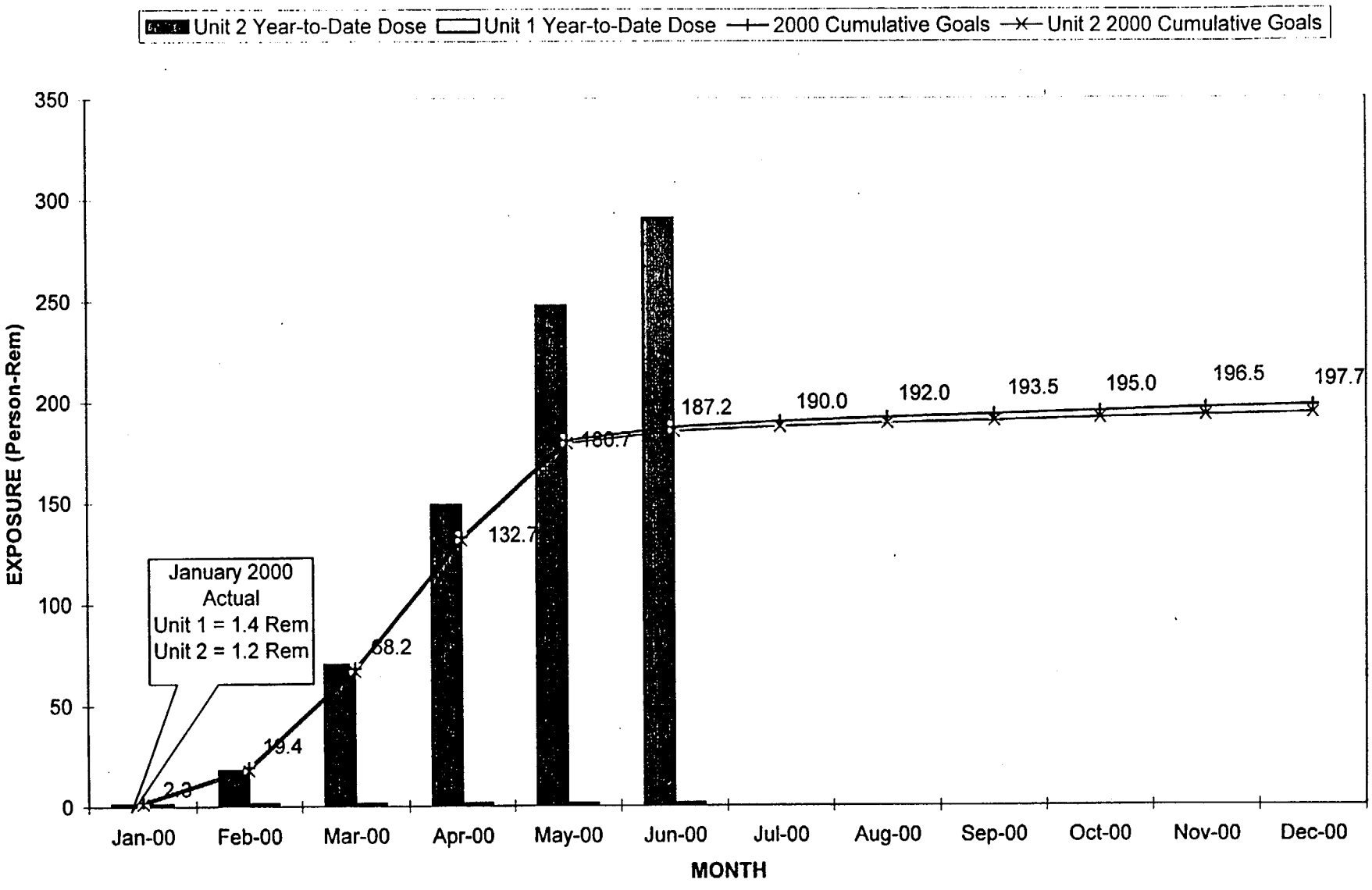
SAFETY SYSTEM PERFORMANCE (AFW)



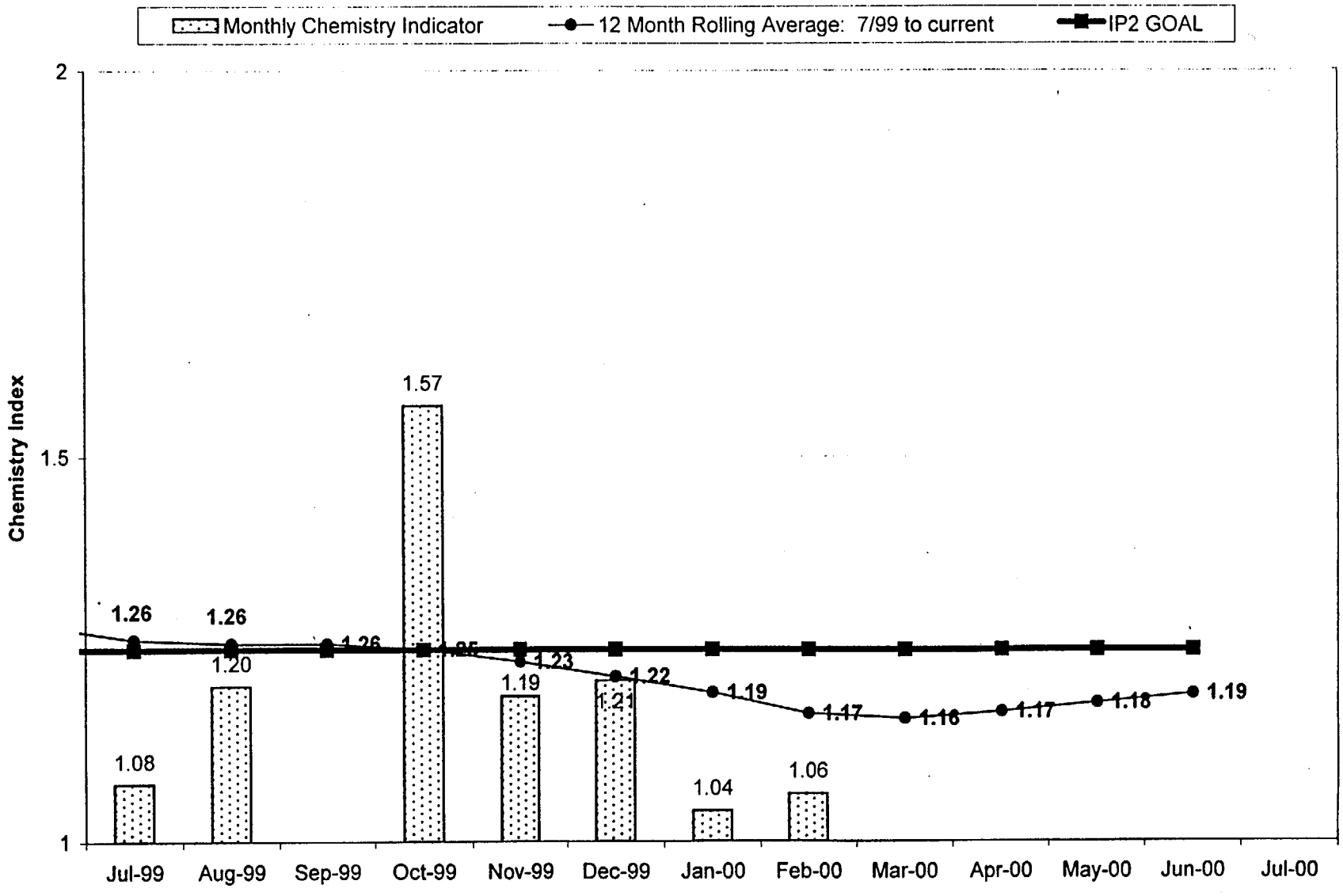
SAFETY SYSTEM PERFORMANCE (RHR)



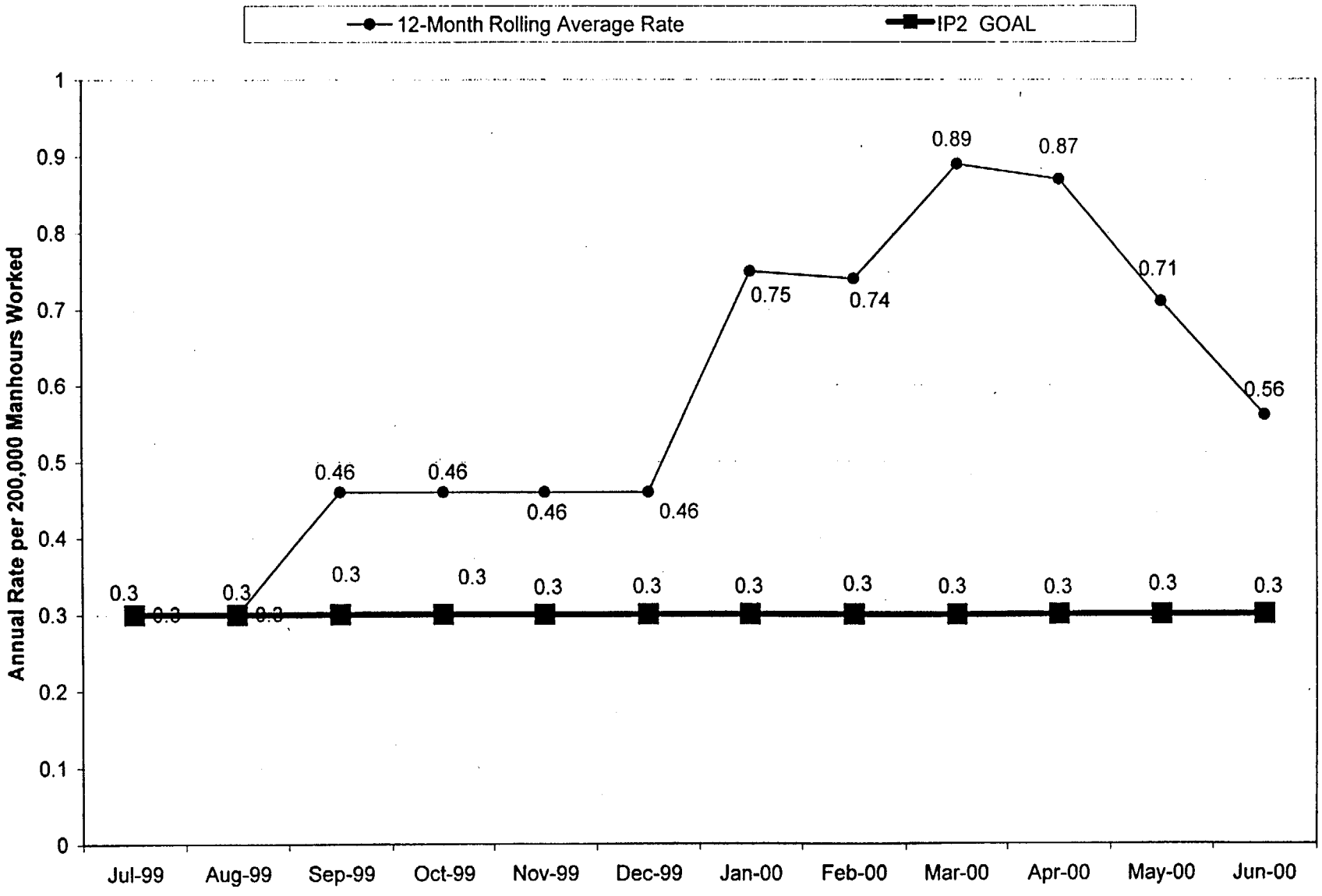
COLLECTIVE RADIATION EXPOSURE



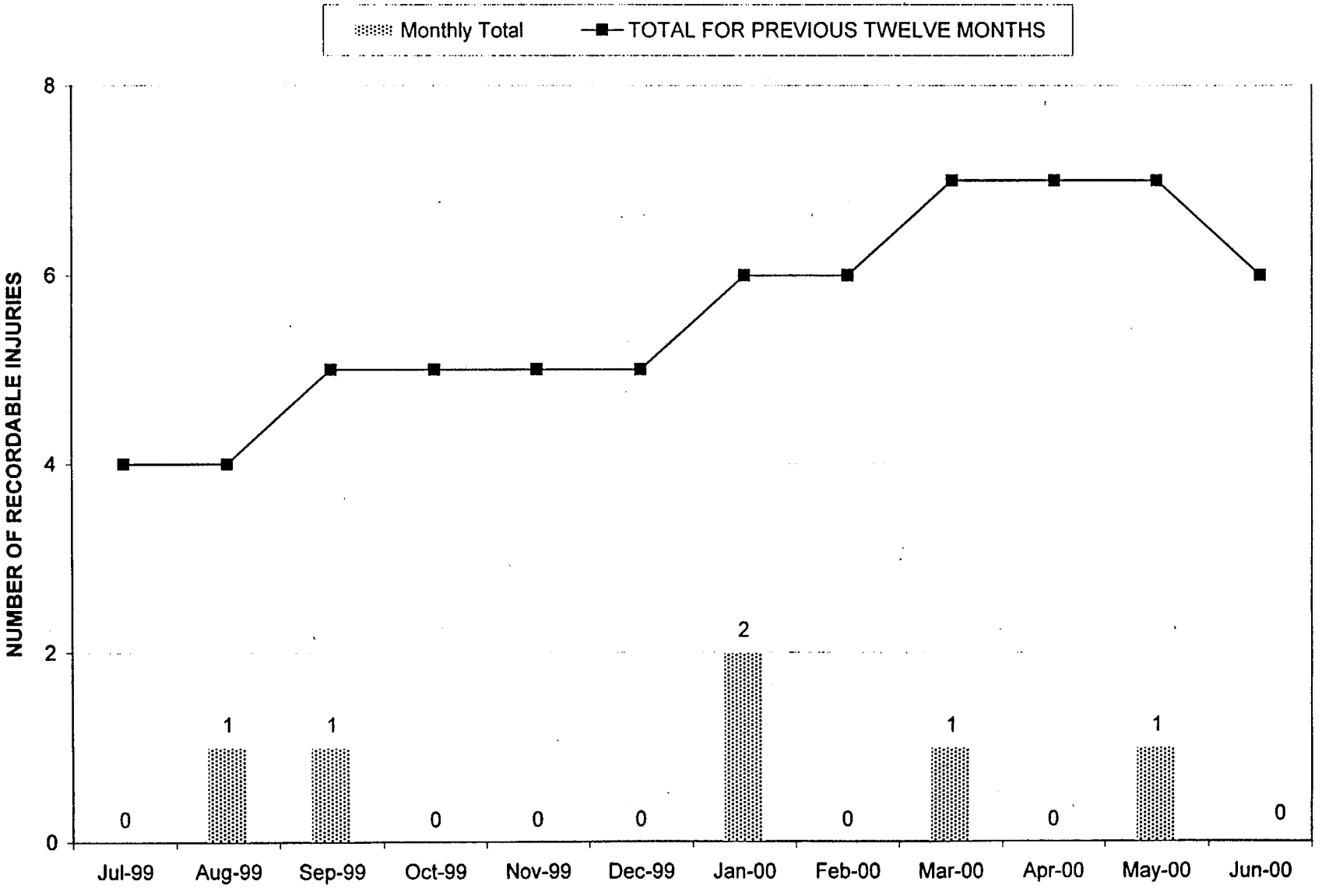
CHEMISTRY INDICATOR



INPO INDUSTRIAL SAFETY ACCIDENT RATE



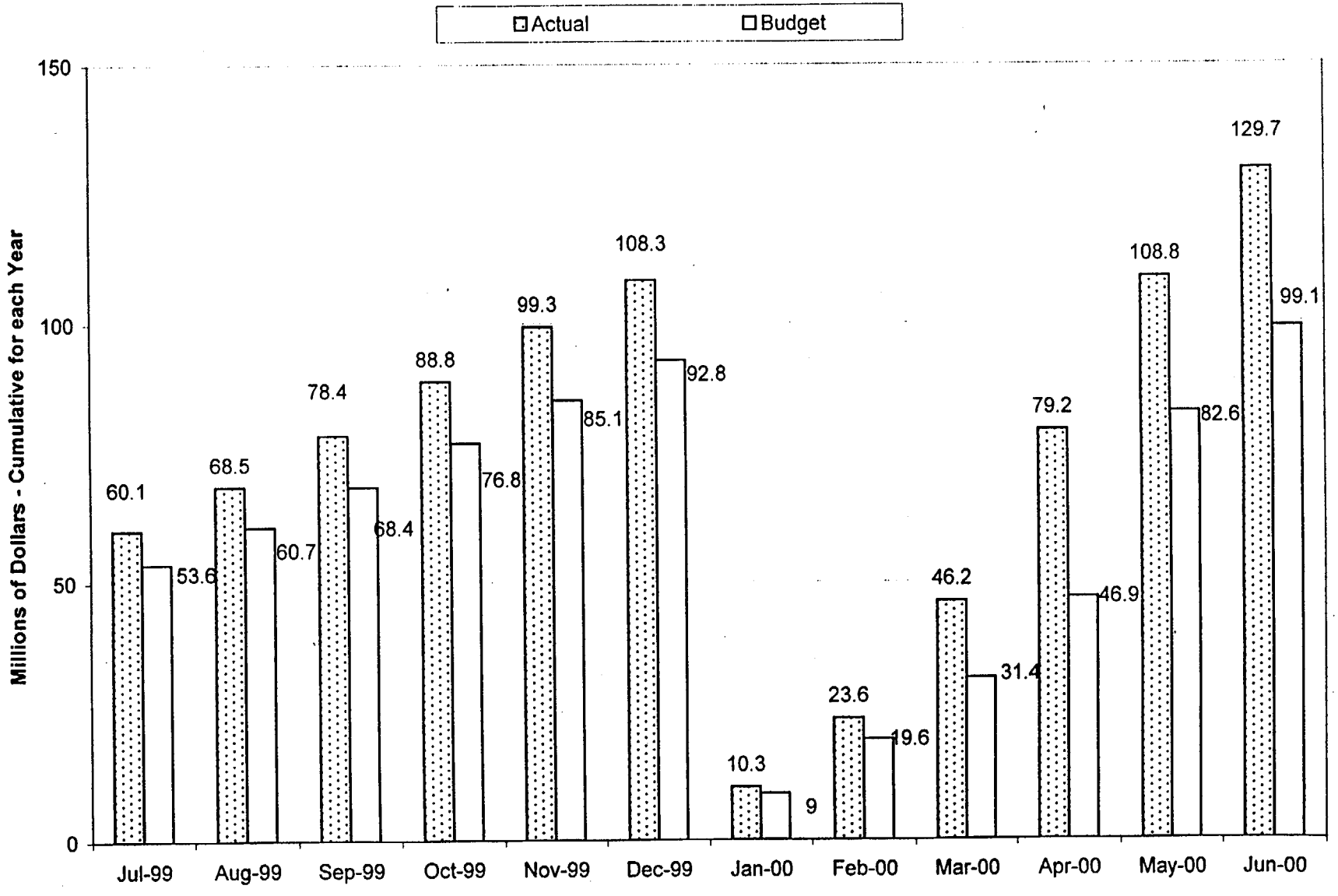
OSHA RECORDABLE INJURIES



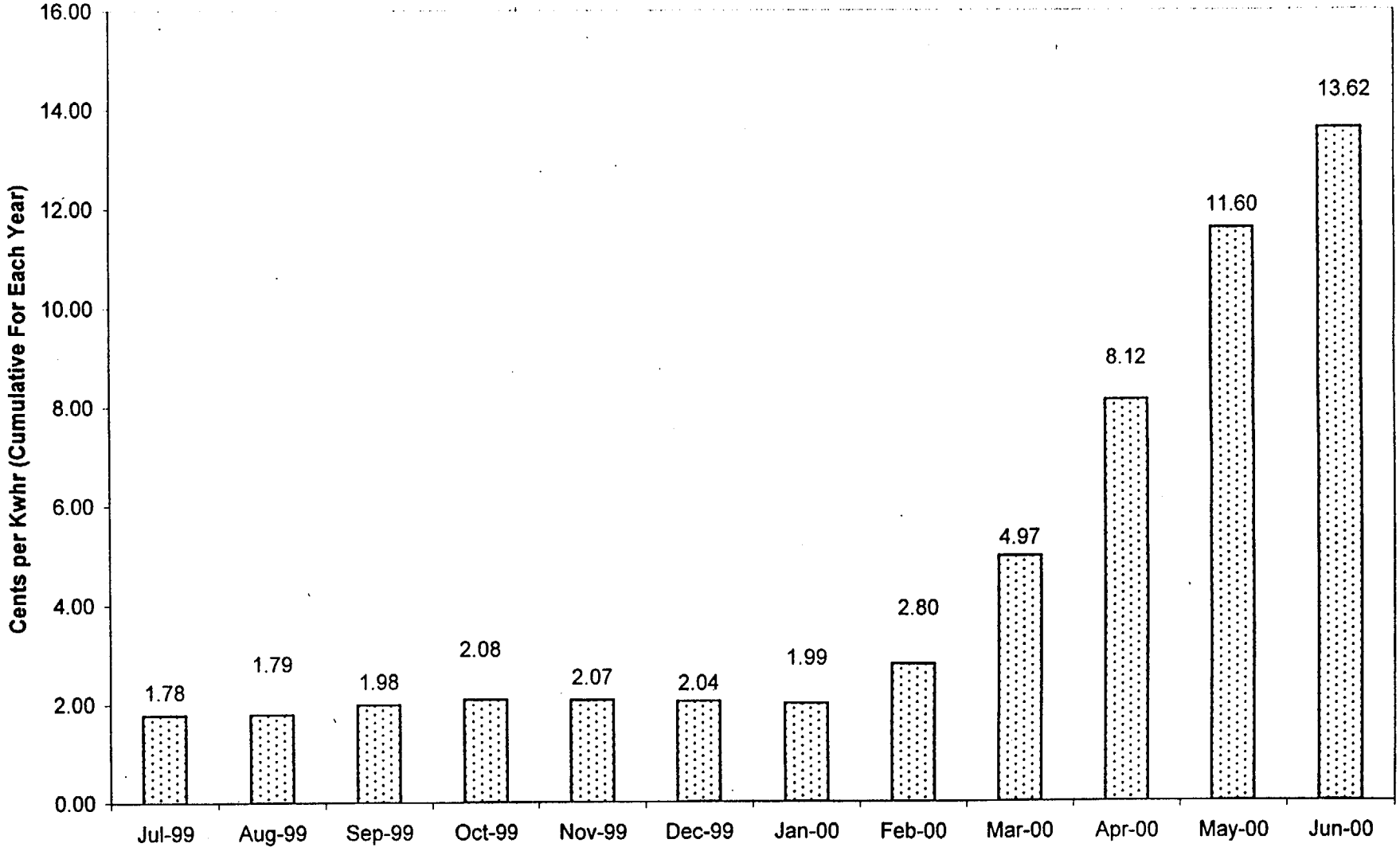
SECTION III

EFFECTIVE COST MANAGEMENT

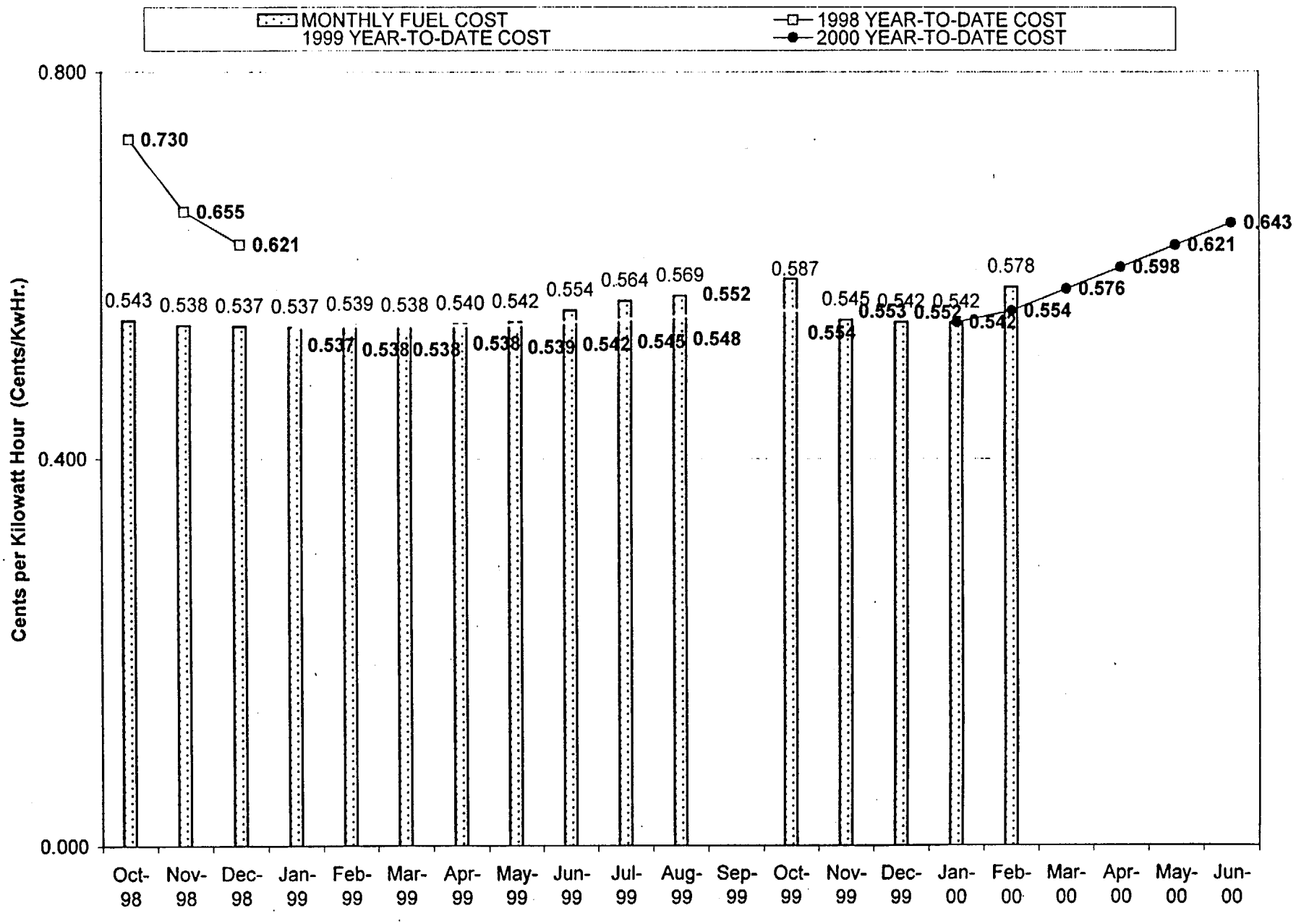
OPERATIONS AND MAINTENANCE COSTS



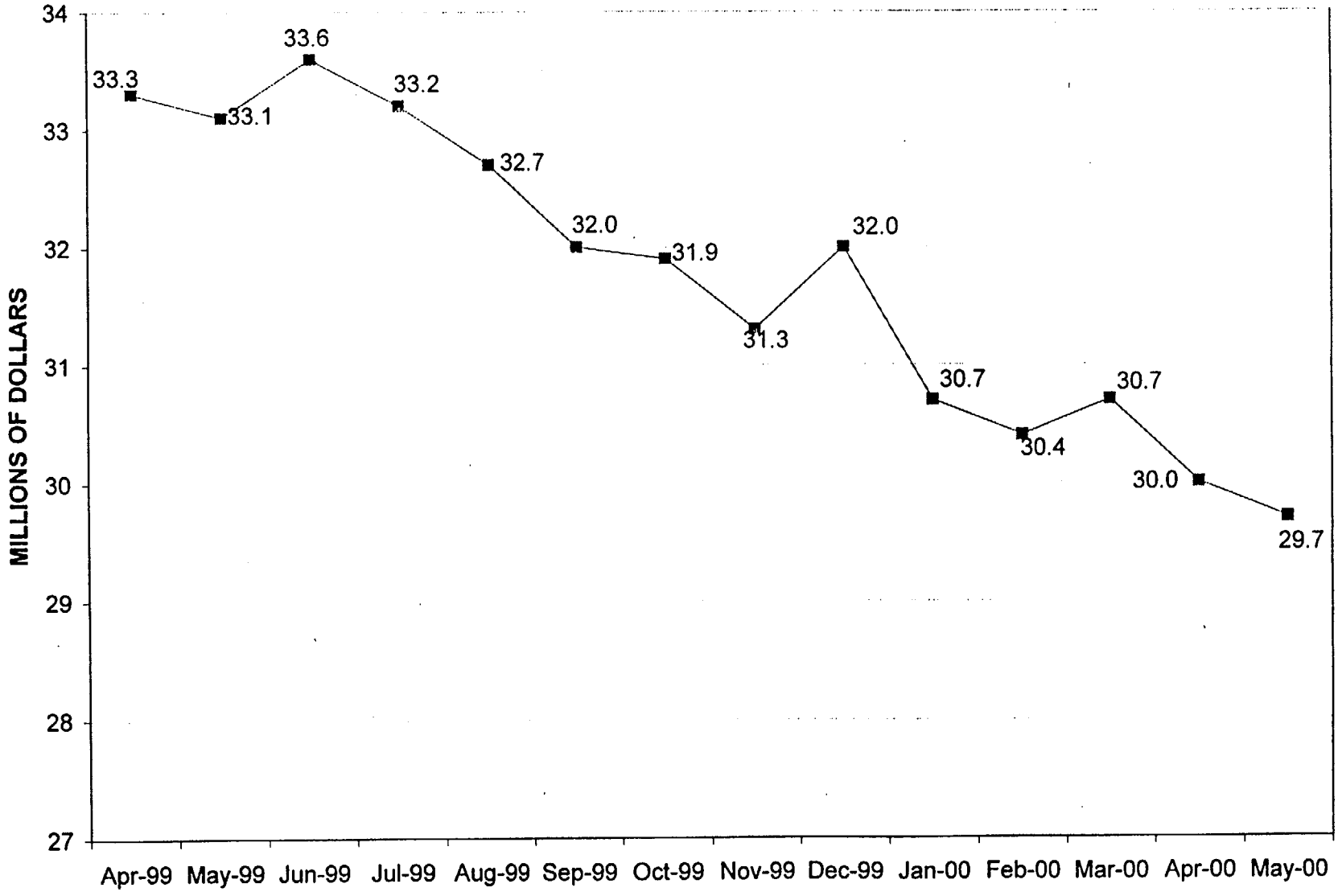
TOTAL PRODUCTION COST



NUCLEAR FUEL COST



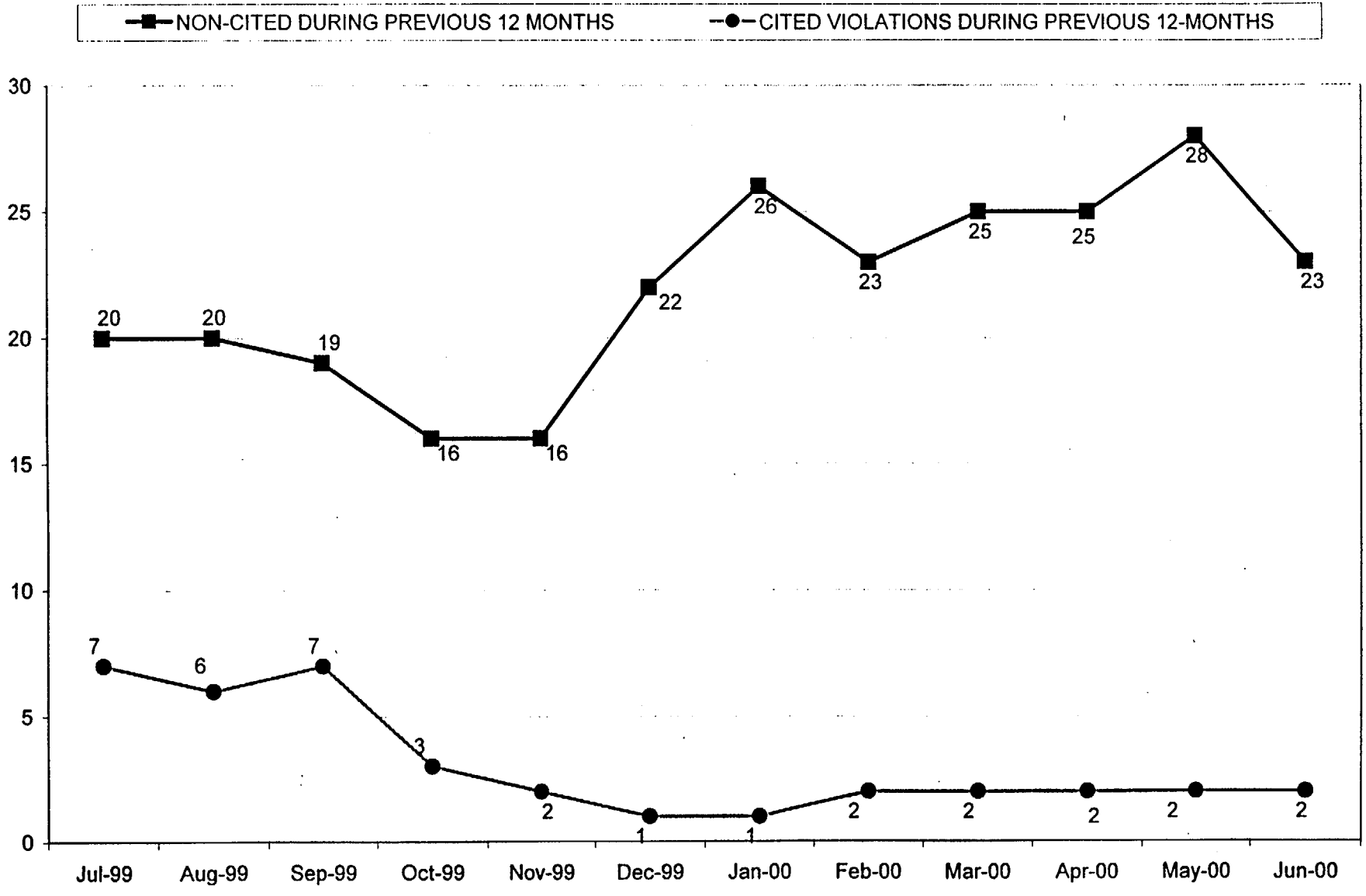
VALUE OF INVENTORY



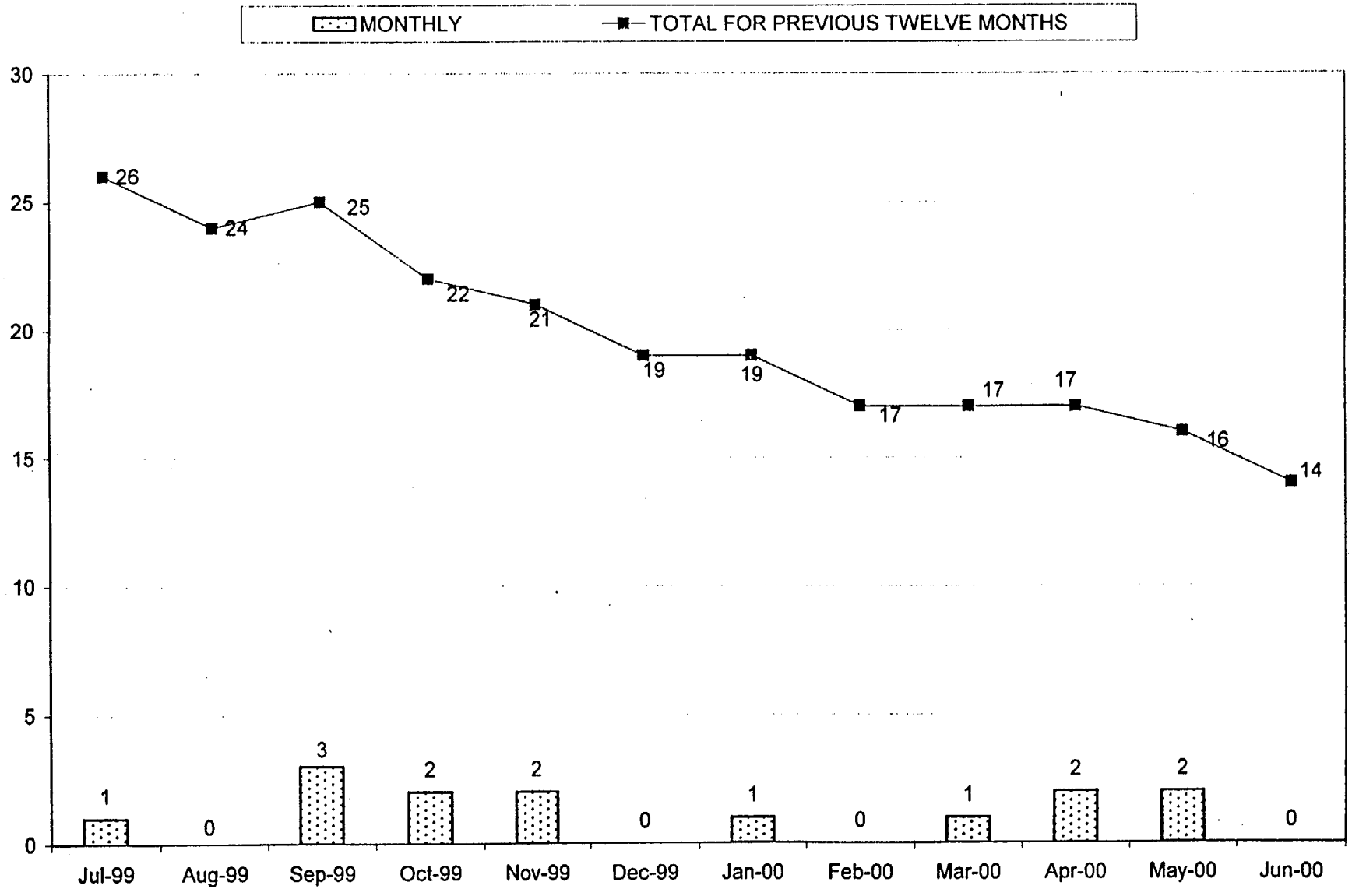
SECTION IV

POSITIVE CUSTOMER & STAKEHOLDER RELATIONS

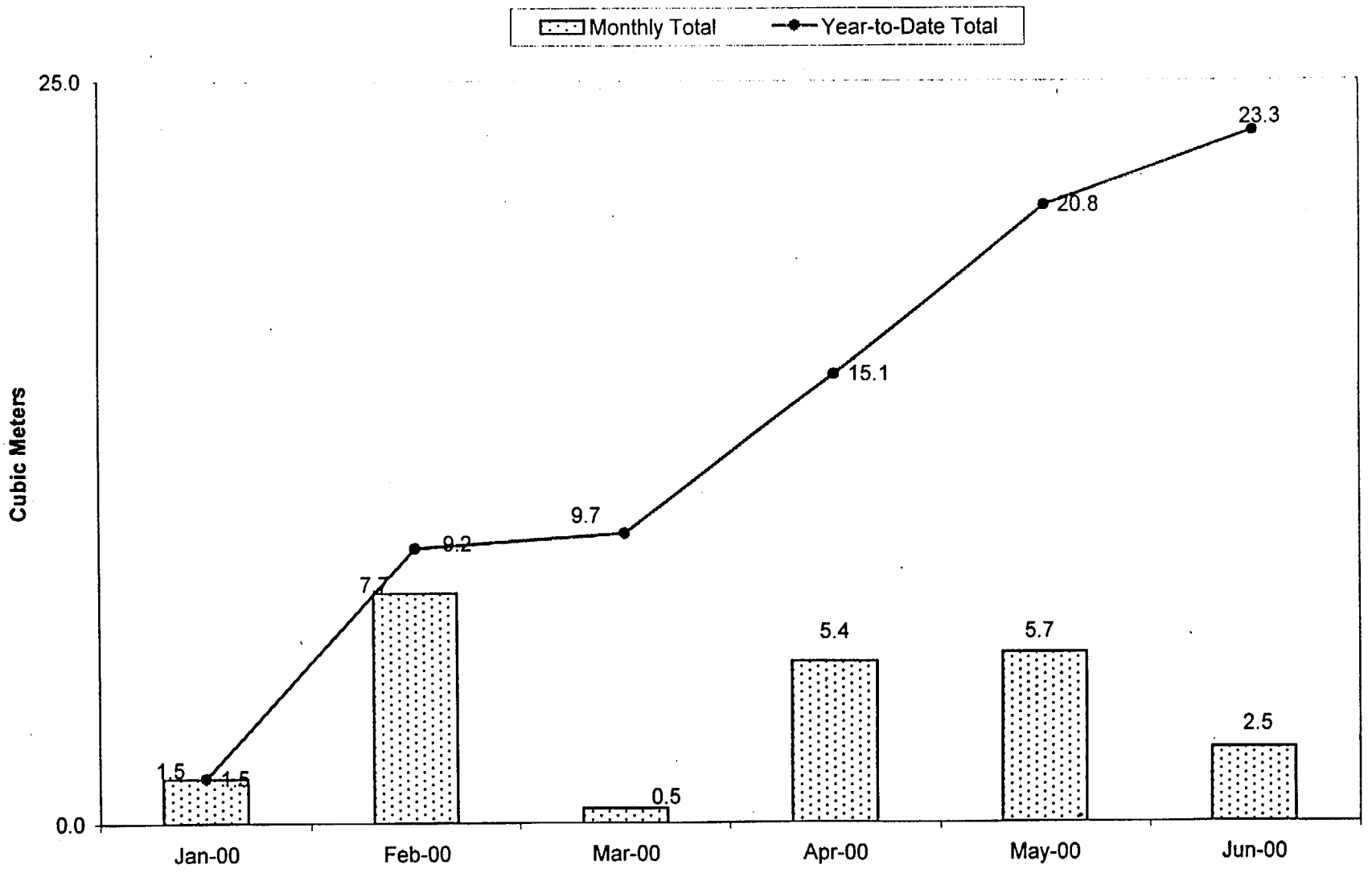
NUCLEAR REGULATORY COMMISSION VIOLATIONS



LICENSEE EVENT REPORTS



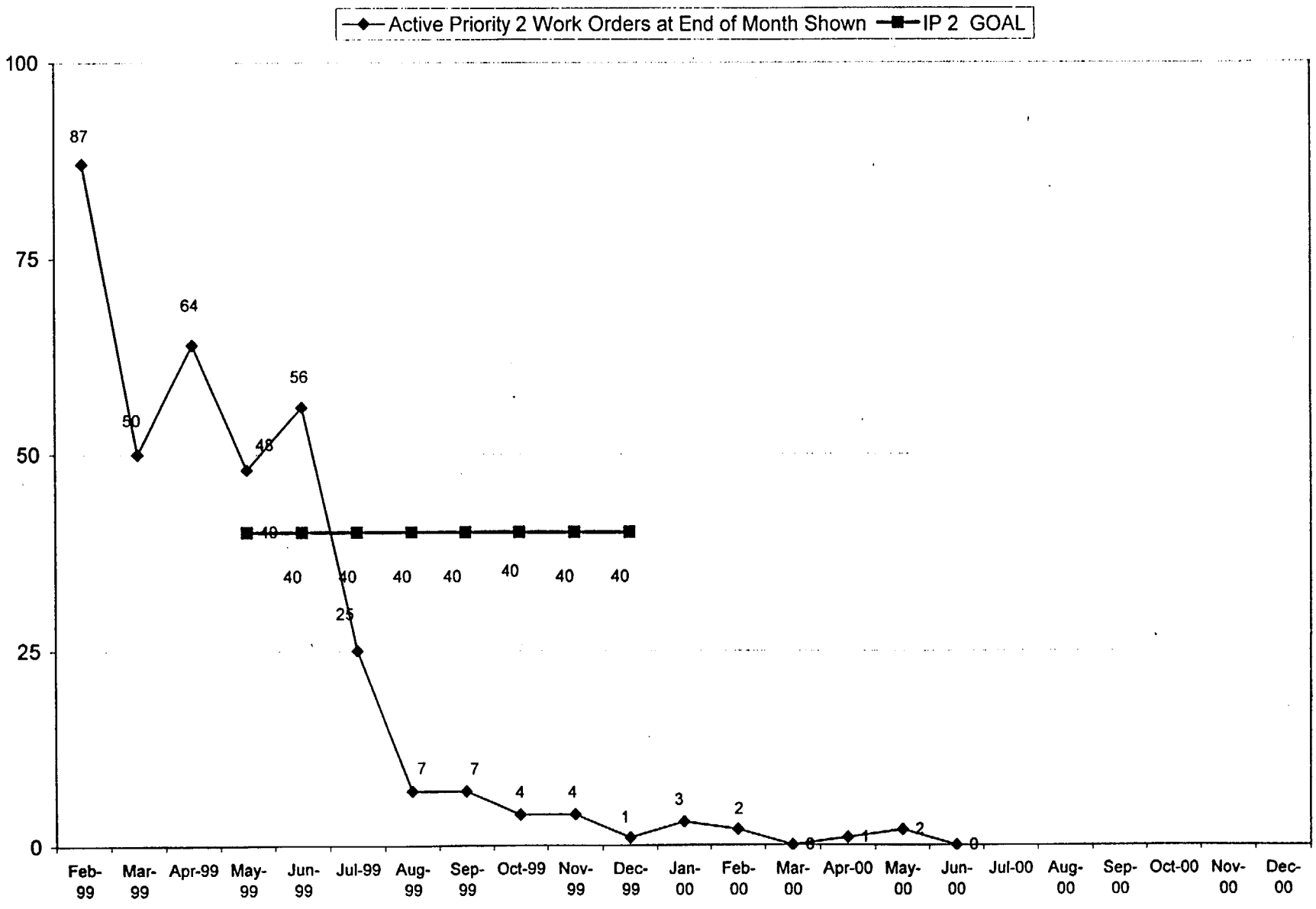
RAD WASTE UNIT 2

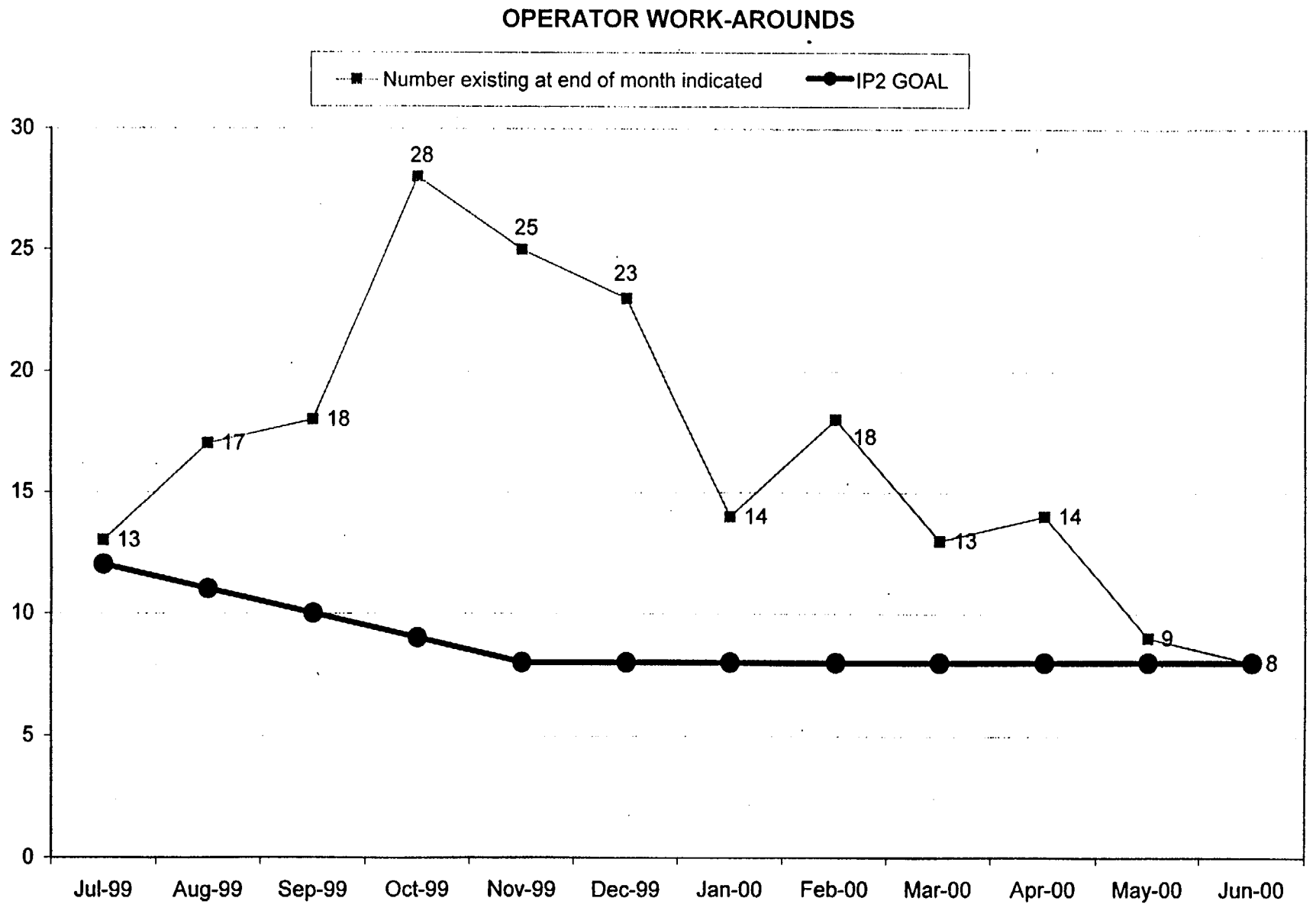


SECTION V

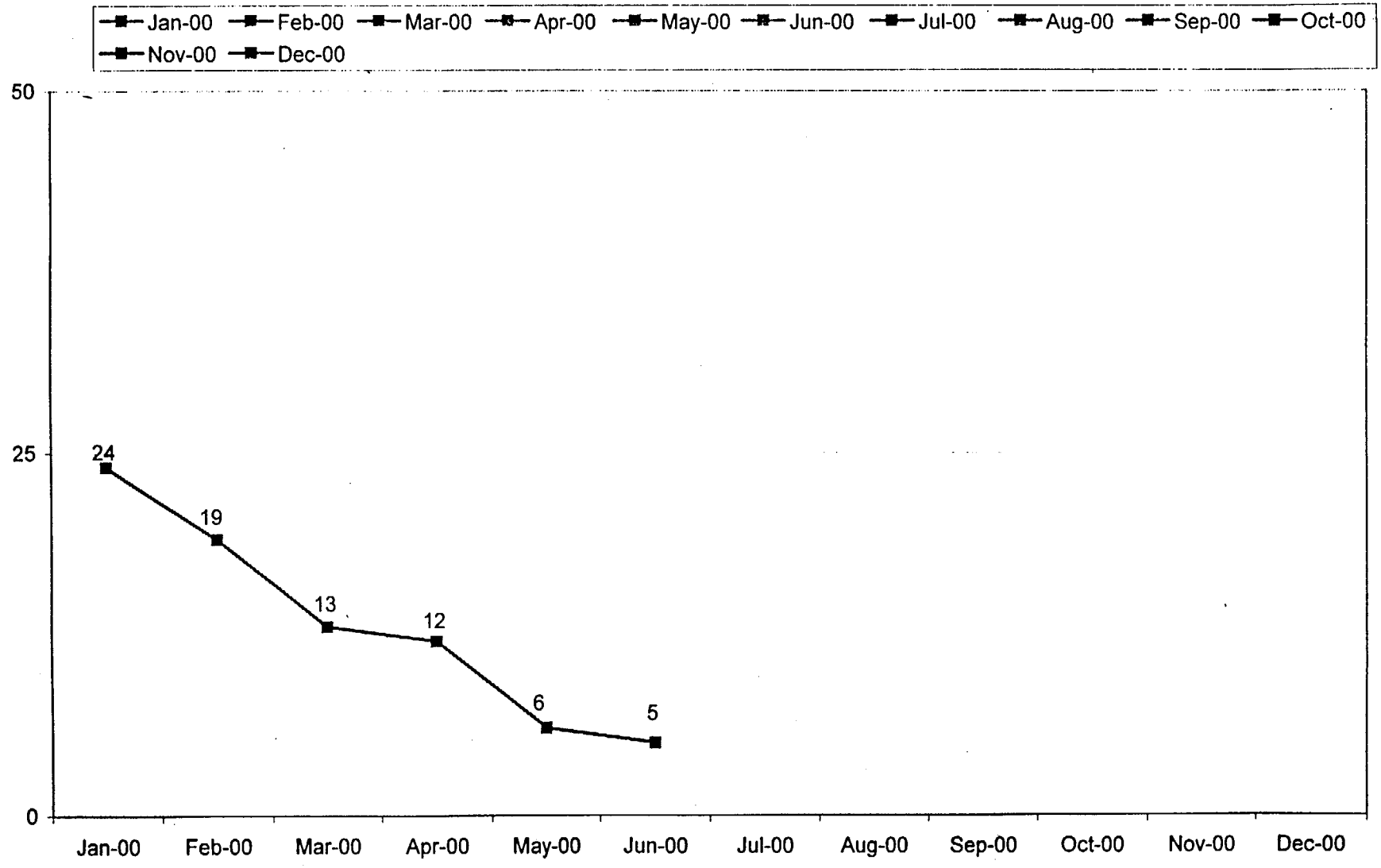
OPERATIONS

PRIORITY 2 WORK ORDER STATUS



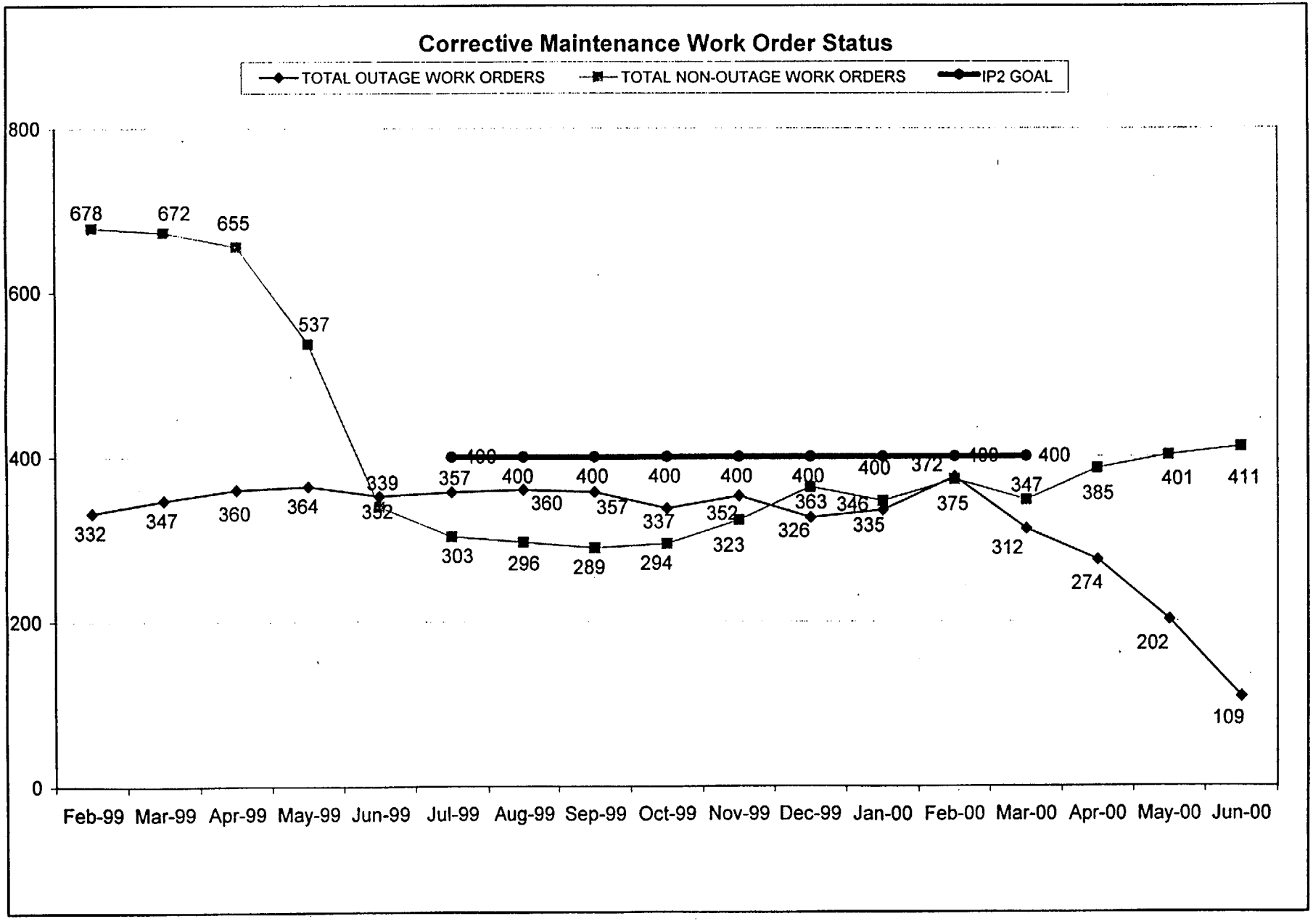

OPERATOR WORK-AROUNDS
Number existing at end of month indicated
IP2 GOAL
30
25
20
15
10
5
0
28
25
23
18
17
18
14
13
14
9
8
Jul-99
Aug-99
Sep-99
Oct-99
Nov-99
Dec-99
Jan-00
Feb-00
Mar-00
Apr-00
May-00
Jun-00

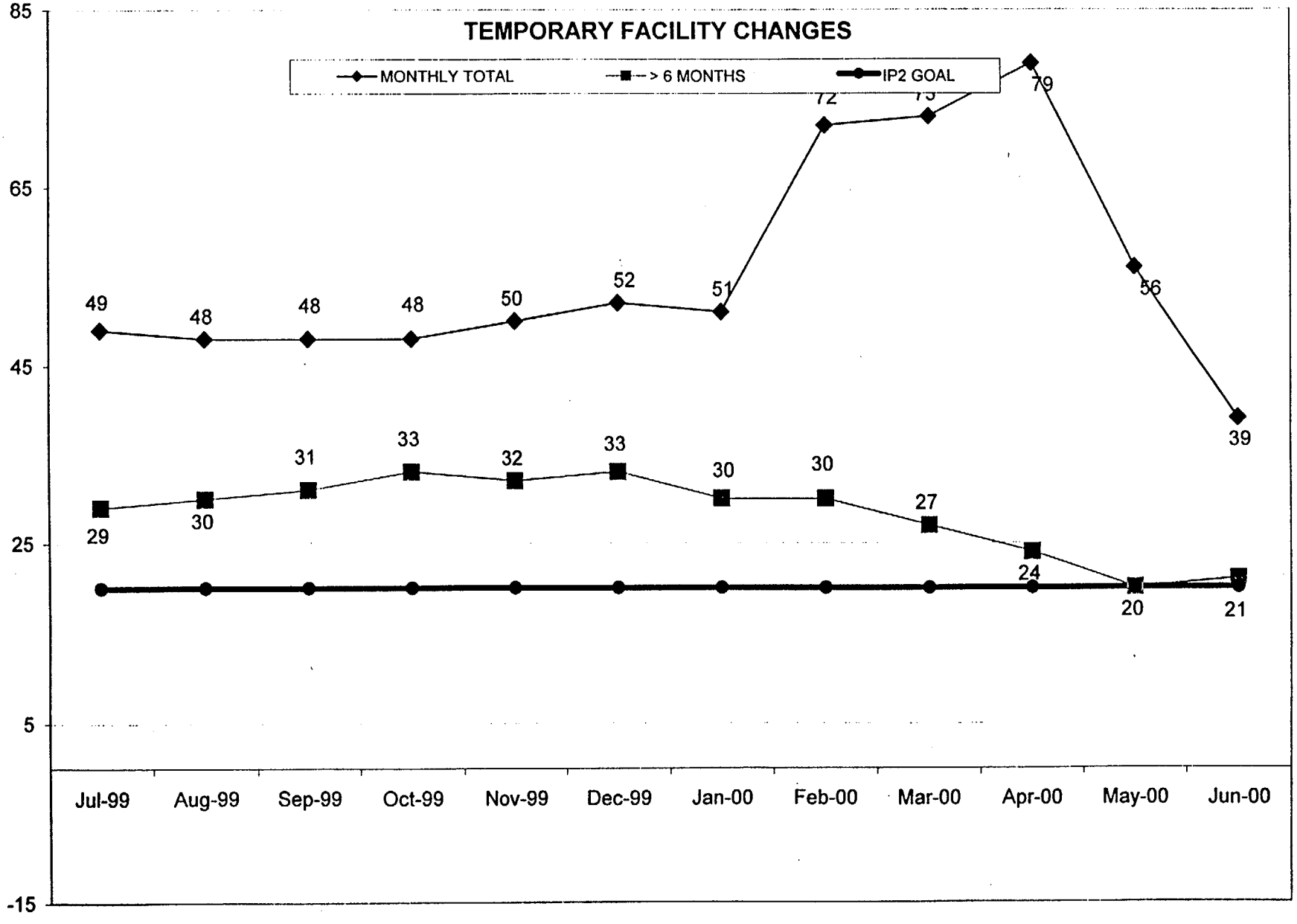
CENTRAL CONTROL ROOM DEFICIENCIES



SECTION VI

MAINTENANCE

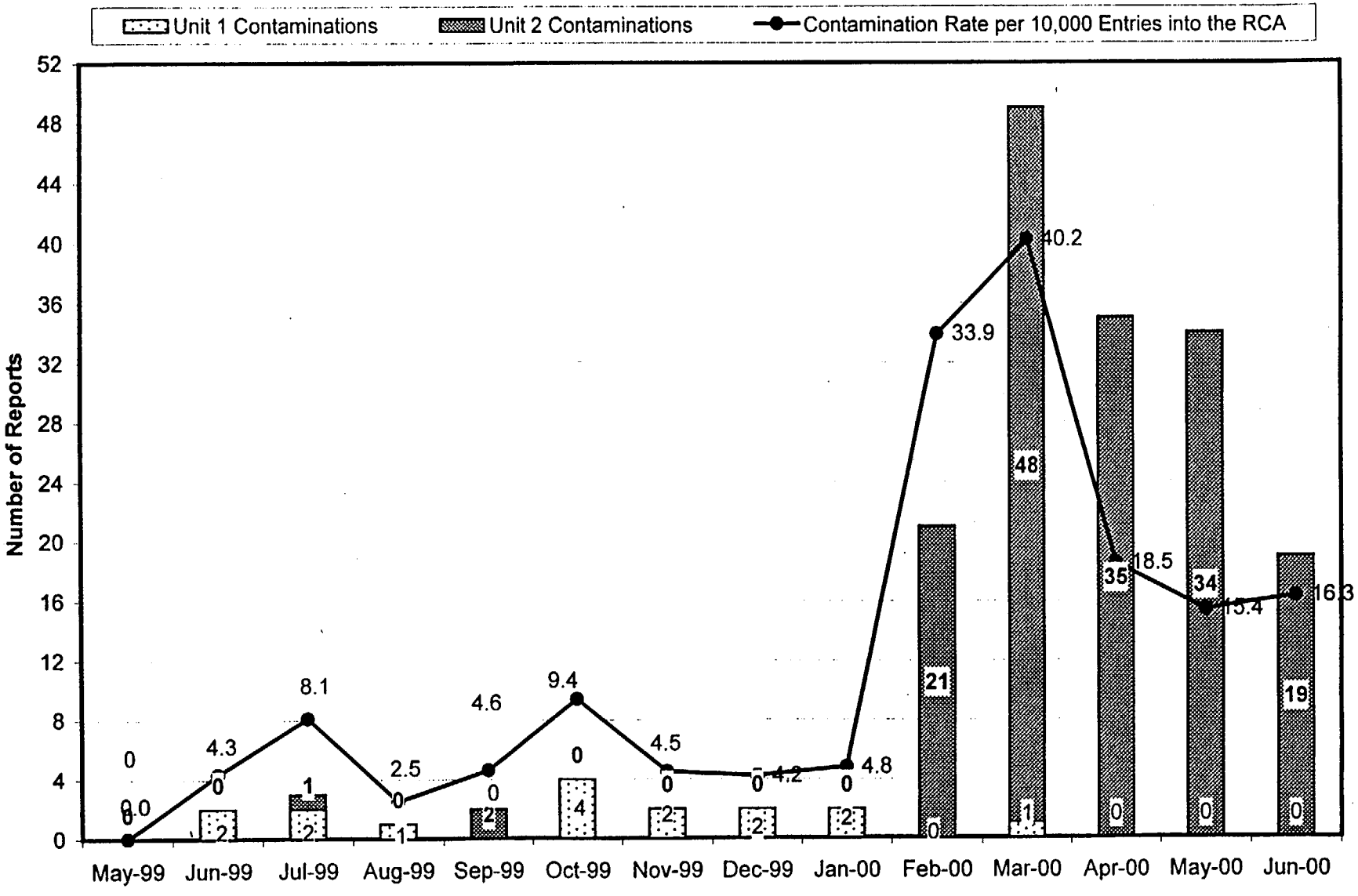

Corrective Maintenance Work Order Status
TOTAL OUTAGE WORK ORDERS
TOTAL NON-OUTAGE WORK ORDERS
IP2 GOAL
800
600
400
200
0
678
672
655
537
339
303
296
289
294
323
326
312
274
202
109
332
347
360
364
352
357
360
357
337
352
363
346
335
375
347
385
401
411
400
400
400
400
400
400
400
372
400
400
Feb-99
Mar-99
Apr-99
May-99
Jun-99
Jul-99
Aug-99
Sep-99
Oct-99
Nov-99
Dec-99
Jan-00
Feb-00
Mar-00
Apr-00
May-00
Jun-00


TEMPORARY FACILITY CHANGES
MONTHLY TOTAL
> 6 MONTHS
IP2 GOAL
85
65
45
25
5
-15
49
48
48
48
50
52
51
72
75
79
56
39
29
30
31
33
32
33
30
30
27
24
20
21
Jul-99
Aug-99
Sep-99
Oct-99
Nov-99
Dec-99
Jan-00
Feb-00
Mar-00
Apr-00
May-00
Jun-00

SECTION VII

RADIATION PROTECTION

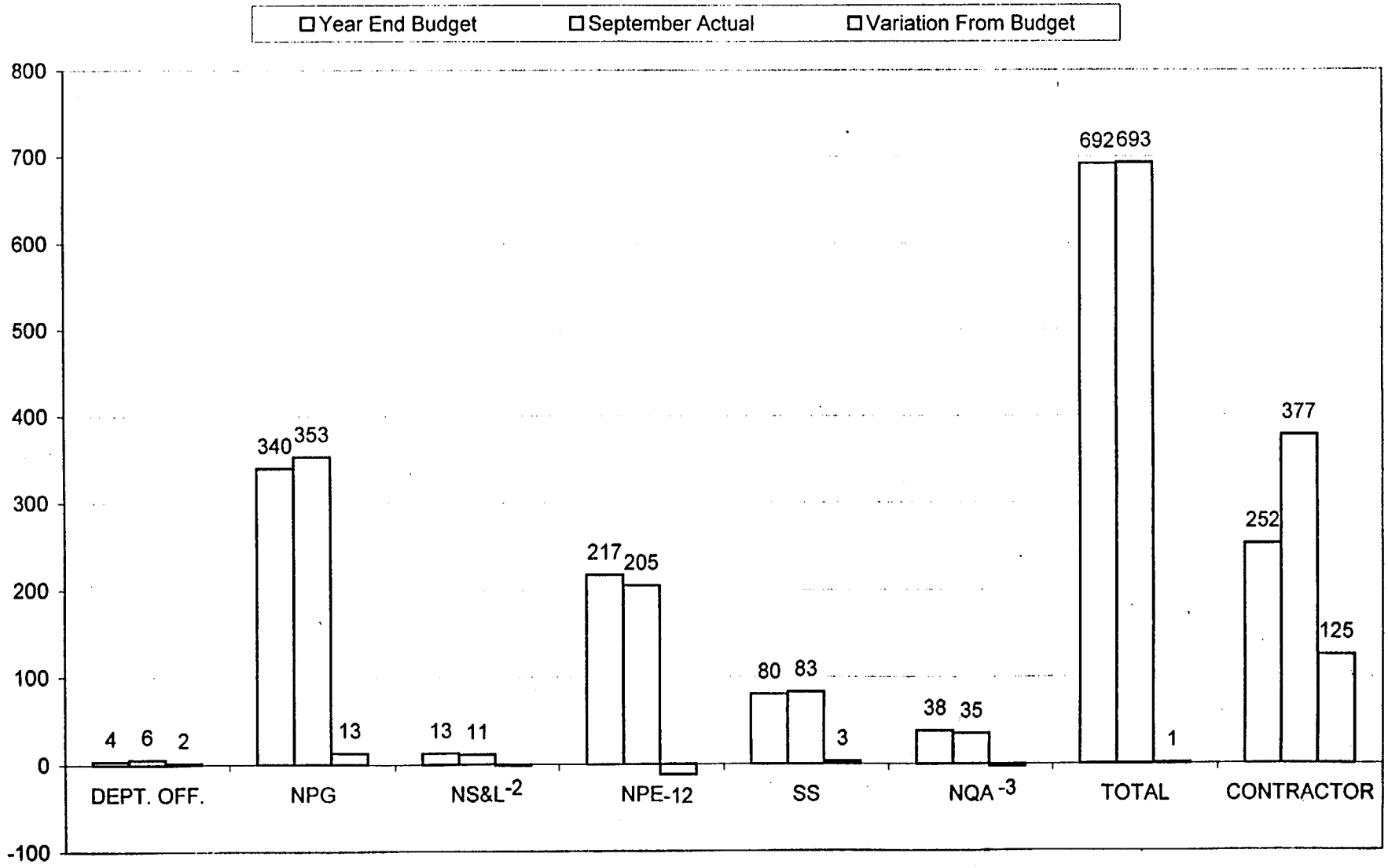
PERSONNEL CONTAMINATION REPORTS



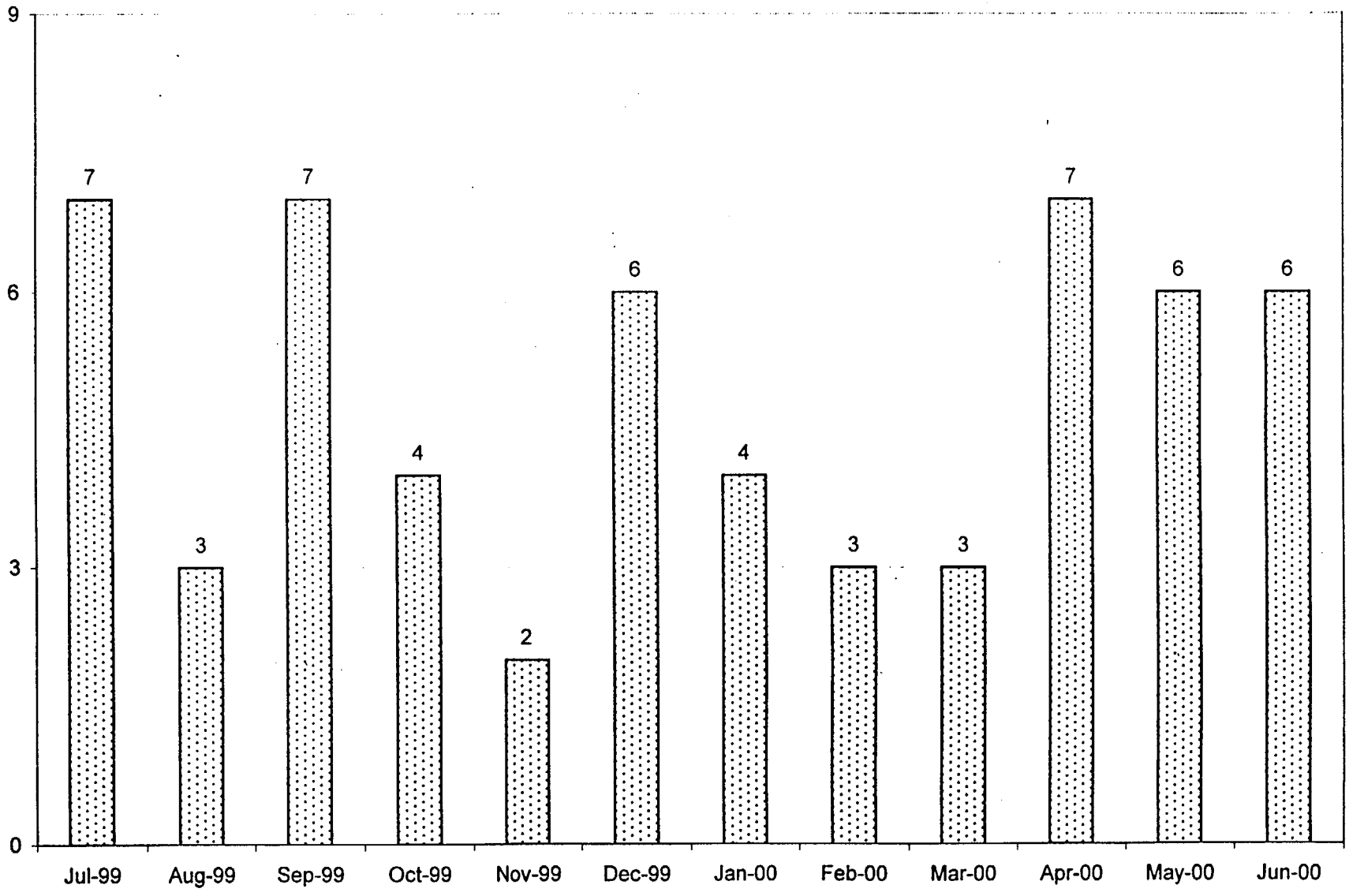
SECTION VIII

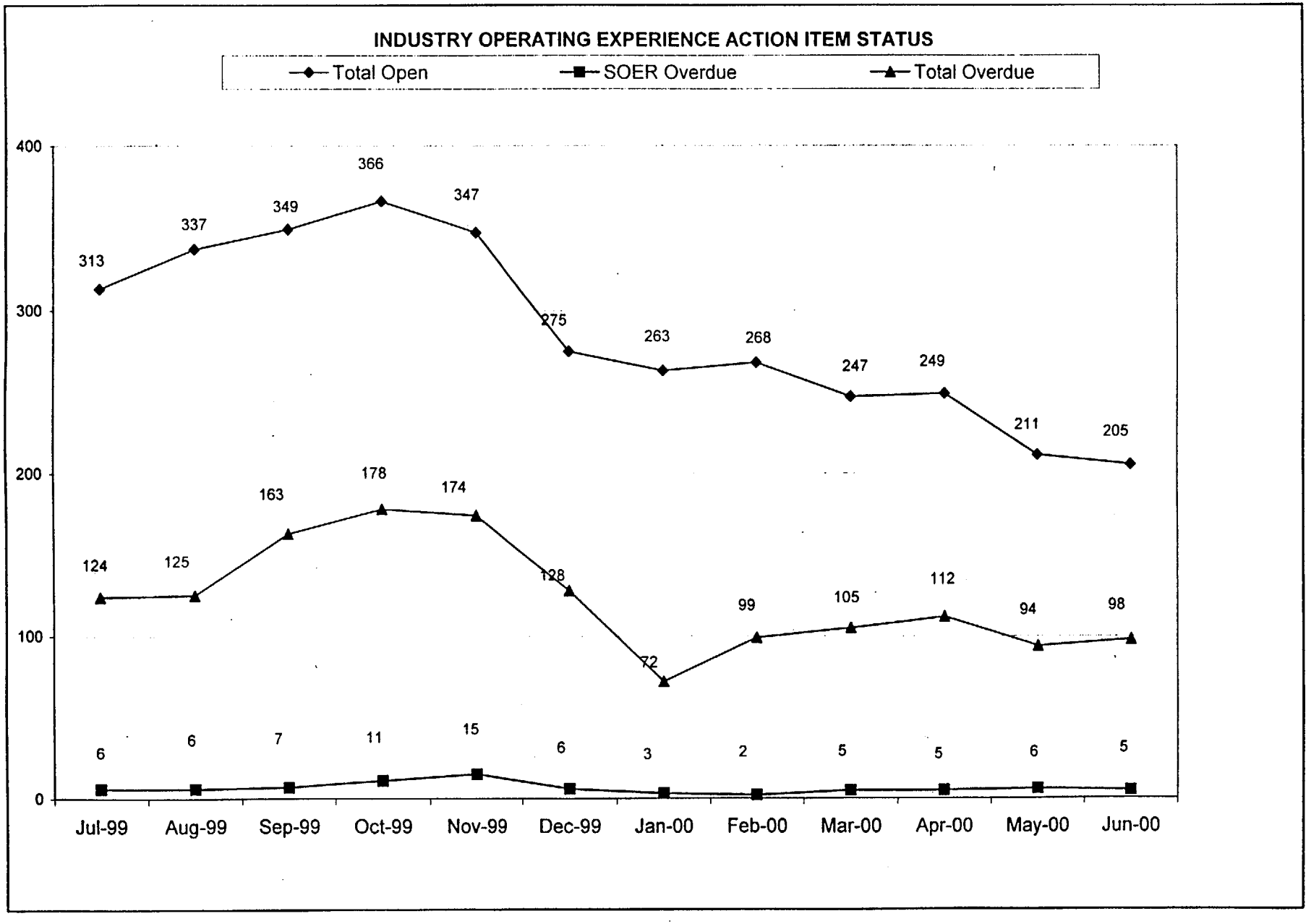
SITE AND BUSINESS SUPPORT

NUCLEAR POWER HUMAN RESOURCES



SECURITY LOGGABLE EVENTS

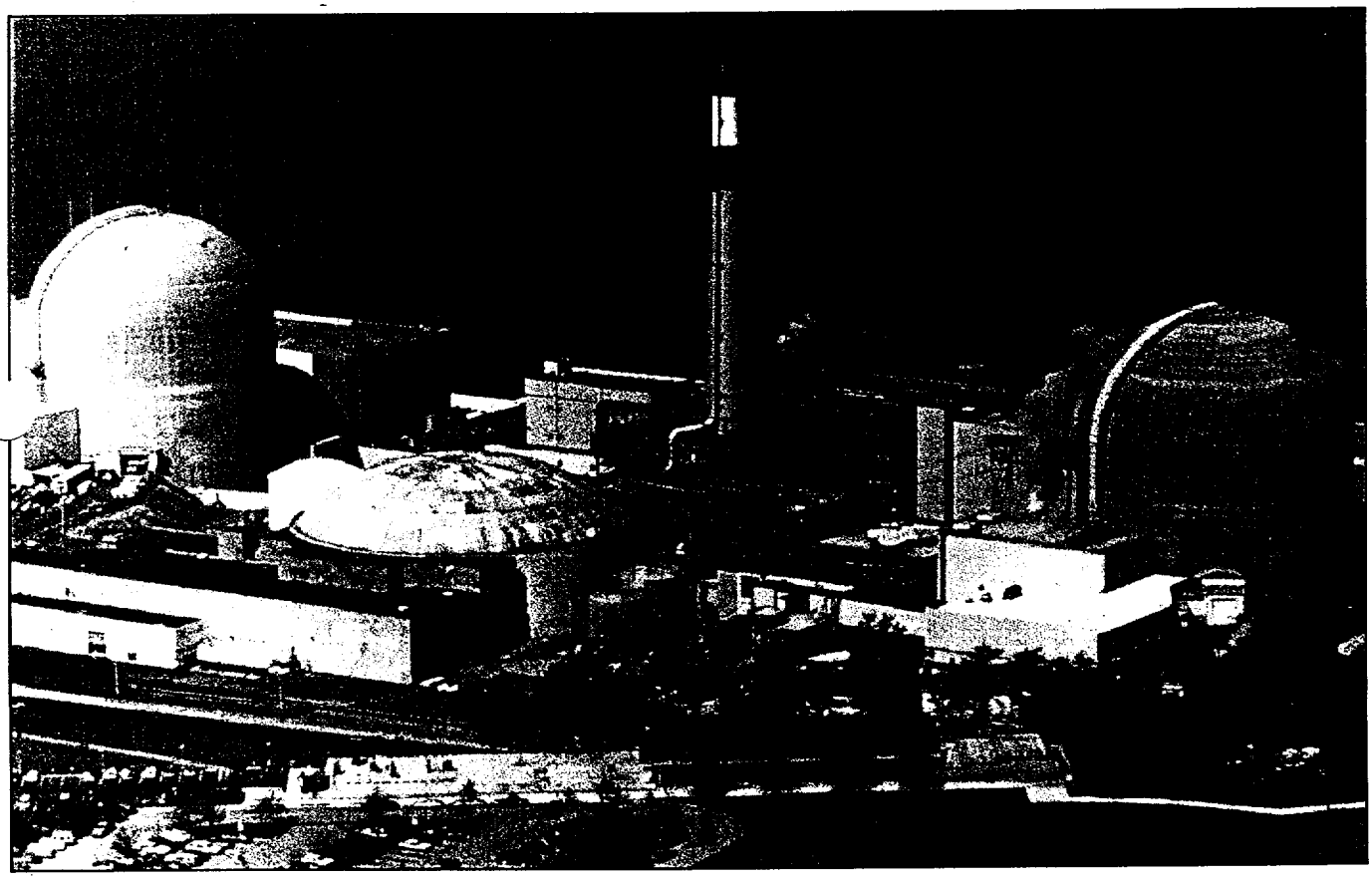



INDUSTRY OPERATING EXPERIENCE ACTION ITEM STATUS
Total Open
SOER Overdue
Total Overdue
400
300
200
100
0
313
337
349
366
347
275
263
268
247
249
211
205
124
125
163
178
174
128
72
99
105
112
94
98
6
6
7
11
15
6
3
2
5
5
6
5
Jul-99
Aug-99
Sep-99
Oct-99
Nov-99
Dec-99
Jan-00
Feb-00
Mar-00
Apr-00
May-00
Jun-00

GO GREEN !
KEEP IT GREEN !
USE SELF EVALUATION

CURRENT CAP
MONTHLY METRICS

Corrective Action Program
Monthly Performance Indicators
Indian Point Station
Units 1 & 2
August-00



Con Edison Memorandum

To: See Distribution List
From: P. J. Russell
Prepared by: J.R. Pavlinik
Date: 7-Sep-00
Re: Corrective Action Program Performance Indicators August 2000

As directed by the IP2 Business Plan, the Corrective Action Group (CAG) has developed a set of indicators to monitor the overall station performance of the Corrective Action Program. The attached performance indicators will be updated and issued on a monthly basis to each department manager. The purpose of these indicators is to measure department performance in the following areas:

- Timeliness (average age of open CR evaluations/corrective actions),
- Schedule Adherence (completion of scheduled evaluations/corrective actions), and
- Quality (quality of root cause/apparent cause evaluations and CR closure acceptance rate).

As expected by the Station Senior Management Team, managers are expected to use these indicators to manage corrective action performance within their respective departments. The criteria for measuring performance are attached. Until managers develop department specific performance criteria, CAG will continue to use industry peer information as the performance standards.

The attached performance indicators support IP2 Business Plan objectives for moving toward our vision of world-class performance. Our Vision Statement reflects the importance of a strong Corrective Action Program, critical and strong Quality Assurance and Self-assessment Programs, and continued industry and non-industry benchmarking. The theme for year 2000 is one of "recovery" - WE must learn how to perform business as well as (or better) than the other nuclear plants already in the top performance quartile of the industry. WE recognize, and industry indicators clearly depict, that the plants which consistently rate high in "core competencies" remain economically viable and are better positioned for a deregulated environment. Our objective is to achieve these goals.

Therefore, WE must reinforce the expectations established in our IP2 Business Plan to our people and develop individual departmental goals and expectations. This will reverse the negative performance trends noted in the current CAP Performance Indicators and lead us down the path to achieve the desired objective: World Class Performance.

Through August 2000, 6440 Condition Reports have been generated for 2000. These numbers reflect a complacen attitude towards the use of the Corrective Action Program for identifying conditions adverse to quality.
A C/R was issued to document this concern and to implement corrective actions to reverse this negative trend.

Site Overall/CAP Index

imeliness

- The average age (days) of open evaluations overall was 66 (red) for the month of August. This is still 21 days away from the industry standard of 45 days (yellow), 22 days less than the July report.

- The average age of open corrective actions was 253 days (red). This is up 7 days from the July report.

- Continued focus needs to be maintained on the timely completion of evaluations. Also, continued attention is **warranted in the evaluation of older issues.**

Schedule Adherence

- The completion of scheduled evaluations for the month to total open evaluations was 65 percent. This is10% more than July, and puts us in the "green" band for August.

- The completion of scheduled corrective actions to total open corrective actions was 51 percent. This is 3 % more than July's report, and 9% away from meeting our most aggressive standard. Increased focus will be placed in this area over the next month.

Quality

- The Quality of Root Cause Evaluations, which is determined from CARB (Corrective Action Review Board) scores for significance levels 1 & 2, is 25 (Yellow).
  The current minimum goal is greater or equal to 20.

- The Quality of Apparent Cause Evaluations, which is determined from CARC (Corrective Action Review Committee) for significance level 3 evaluations is 26 (Yellow).

- The Condition Report Overall Closure Acceptance Rate is 87 percent (Green).

CORRECTIVE ACTION PROGRAM PERFORMANCE INDICATOR CRITERIA

Weight		GREEN (3) Excellent	YELLOW (2) Meets Standards	RED (1) Needs Improvement
	TIMELINESS			
1.5	Average Age of Open Evaluations	≤ 30 Days	> 30 Days and ≤ 45 Days	> 45 Days
1.0	Average Age of Open Corrective Actions	≤ 90 Days	> 90 Days and ≤ 180 Days	> 180 Days
	SCHEDULE ADHERENCE			
1.0	Completion of Scheduled Evaluations for the Month to Total Open CRs (%)	≥ 65 %	< 65% and ≥ 50%	< 50%
1.5	Completion of Scheduled Corrective Actions for the Month (%)	> 80% Completed	79% - 60% Completed	< 60% Completed
	QUALITY			
2.0	Quality of Root Cause Evaluations CARB Score (Cat. 1/2 CRs)	Score of 35 - 28 Points	Score of 27 - 20 Points	Score of < 20 Points
2.0	Quality of Apparent Cause Evaluations CARC Score (Cat. 3 CRs)	Score of 35 - 28 Points	Score of 27 - 20 Points	Score of < 20 Points
2.0	CR Closure Acceptance Rate	≥ 90 %	< 90% and ≥ 80%	< 80%
	OVERALL CAP INDEX	33-28	27-18	≤17

Prepared by: *CAG Trending*

Responsible Manager: P. J. Russell

Report Date: 09/08/2000

August, 200

Department/Organization		Timelines				Schedule Adherence				Quality								Overall CA Index		Dept./Org. CAP Index	
		Avg. Age of Open Eval's (days)		Avg. Age of Open CA's (days)		(%) Complete of Scheduled Eval's		(%) Complete of Scheduled CA's		Root Cause Evaluations CARB Score (SL 1/2)		Apparent Cause Evaluations CARC Score (SL 3)		CR Closure Acceptance Rate							
Business Services																				23	(Y)
Administrative Services	(Noonan)	40	(Y)	81	(G)	56	(Y)	0	(R)	N/A	(W)	N/A	(W)	N/A	(W)	21	(Y)				
Computer Applications	(Aydin)	10	(G)	32	(G)	100	(G)	100	(G)	26	(Y)	32	(G)	100	(G)	31	(G)				
Computer Applications - Simulator	(Mooney)	4	(G)	84	(G)	100	(G)	100	(G)	N/A	(W)	29	(G)	100	(G)	33	(G)				
Financial Planning	(Wuebber)	N/A	(W)	48	(G)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	33	(G)				
Material Procurement	(Phillips)	85	(R)	87	(G)	14	(R)	33	(R)	N/A	(W)	21	(Y)	83	(Y)	18	(Y)				
Procedures	(Stauber)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	10	(R)	0	(R)	11	(R)				
Records Management	(Piatek)	72	(R)	130	(Y)	50	(Y)	50	(R)	N/A	(W)	N/A	(W)	N/A	(W)	15	(R)				
Support Services/Facilities	(Coleman)	99	(R)	39	(G)	10	(R)	40	(R)	22	(Y)	21	(Y)	75	(R)	17	(R)				
Strategic Planning	(Sager)	N/A	(W)	N/A	(W)	N/A	(W)	100	(G)	N/A	(W)	N/A	(W)	N/A	(W)	33	(G)				
Chemistry/Radiation Protection																				25	(Y)
Chemistry	(Burns)	64	(R)	114	(Y)	80	(G)	42	(R)	N/A	(W)	30	(G)	100	(G)	24	(Y)				
Health Physics	(Dampf)	N/A	(W)	113	(Y)	N/A	(W)	50	(R)	N/A	(W)	21	(Y)	67	(R)	16	(R)				
Radiation Waste	(Donegan)	8	(G)	97	(Y)	100	(G)	80	(G)	N/A	(W)	22	(Y)	80	(Y)	27	(Y)				
Radiological Protection	(Miele)	N/A	(W)	111	(Y)	100	(G)	50	(R)	N/A	(W)	N/A	(W)	N/A	(W)	20	(Y)				
Radiological Support	(Nutter)	10	(G)	65	(G)	100	(G)	86	(G)	N/A	(W)	26	(Y)	100	(G)	31	(G)				
CNO Nuclear Operations																				22	(Y)
Communications	(Brovarski)	N/A	(W)	N/A	(W)	100	(G)	N/A	(W)	29	(G)	30	(G)	100	(G)	33	(G)				
Human Resources	(Kehoe)	122	(R)	115	(Y)	33	(R)	50	(R)	N/A	(W)	12	(R)	0	(R)	12	(R)				
Employee Concerns	(Diuglio)	N/A	(W)	N/A	(W)	100	(G)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	33	(G)				
Configuration Management and Control																				28	(G)
Configuration Management	(Piccininni)	10	(G)	39	(G)	100	(G)	100	(G)	N/A	(W)	23	(Y)	100	(G)	31	(G)				
Configuration Management and Control	(Ryff)	25	(G)	455	(R)	0	(R)	89	(G)	N/A	(W)	N/A	(W)	N/A	(W)	24	(Y)				
Setpoints	(Ellwanger)	3	(G)	436	(R)	100	(G)	0	(R)	N/A	(W)	32	(G)	100	(G)	27	(Y)				
FSAR	(Liberatori)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)				
DBD	(Ammirato)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)				
Corrective Action																				29	(G)
Corrective Action Group	(Russell)	16	(G)	78	(G)	75	(G)	72	(Y)	N/A	(W)	34	(G)	100	(G)	31	(G)				
Unassigned Section		N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)				
Root Cause Analysis Projects	(Hinrichs)	11	(G)	207	(R)	100	(G)	75	(Y)	N/A	(W)	N/A	(W)	N/A	(W)	25	(Y)				

August, 20

Department/Organization		Timelines				Schedule Adherence				Quality						Overall CAI Index		Dept./Org. CAP Index	
		Avg. Age of Open Eval's (days)		Avg. Age of Open CA's (days)		(%) Complete of Scheduled Eval's		(%) Complete of Scheduled CA's		Root Cause Evaluations CARB Score (SL 1/2)		Apparent Cause Evaluations CARC Score (SL 3)		CR Closure Acceptance Rate					
Design Engineering/Projects																		21	(Y)
Civil Projects and Programs	(Villani)	25	(G)	193	(R)	75	(G)	45	(R)	N/A	(W)	31	(G)	100	(G)	27	(Y)		
Design Engineering	(Tuohy)	91	(R)	166	(Y)	12	(R)	0	(R)	N/A	(W)	20	(Y)	80	(Y)	17	(R)		
Electrical Projects and Programs	(T. McCaffrey)	23	(G)	304	(R)	100	(G)	38	(R)	N/A	(W)	24	(Y)	83	(Y)	22	(Y)		
Instrumentation - Control Projects & Programs	(A. Sheijh)	10	(G)	236	(R)	100	(G)	69	(Y)	N/A	(W)	N/A	(W)	N/A	(W)	25	(Y)		
Mechanical Projects and Programs	(Wittich)	16	(G)	143	(Y)	90	(G)	18	(R)	N/A	(W)	19	(R)	60	(R)	18	(Y)		
Nuclear Facilities Engineering	(Entenberg)	167	(R)	228	(R)	33	(R)	0	(R)	N/A	(W)	25	(Y)	86	(Y)	16	(R)		
Emergency Planning																		31	(G)
Emergency Planning	(Inzirillo)	18	(G)	57	(G)	90	(G)	86	(G)	26	(Y)	28	(G)	94	(G)	31	(G)		
Environmental/Safety																		33	(G)
Environmental Health and Safety	(Barouch)	14	(G)	47	(G)	100	(G)	N/A	(W)	N/A	(W)	30	(G)	100	(G)	33	(G)		
Licensing																		27	(Y)
Nuclear Licensing and Safety Analysis	(McCann)	N/A	(W)	142	(Y)	100	(G)	73	(Y)	N/A	(W)	N/A	(W)	N/A	(W)	25	(Y)		
Regulatory Affairs	(Allen)	81	(R)	52	(G)	80	(G)	0	(R)	N/A	(W)	21	(Y)	50	(R)	18	(Y)		
Safety Analysis	(Goetchius)	16	(G)	36	(G)	80	(G)	100	(G)	N/A	(W)	28	(G)	100	(G)	33	(G)		
Safety Assessment	(Peart)	11	(G)	N/A	(W)	100	(G)	100	(G)	N/A	(W)	N/A	(W)	N/A	(W)	33	(G)		
NPG																		28	(G)
Nuclear Power - Nuclear Power Generation	(Masse)	N/A	(W)	75	(G)	100	(G)	N/A	(W)	N/A	(W)	31	(G)	100	(G)	33	(G)		
Instrument and Control	(Woody)	117	(R)	156	(Y)	88	(G)	13	(R)	N/A	(W)	34	(G)	100	(G)	24	(Y)		
Maintenance	(Poirier)	205	(R)	144	(Y)	21	(R)	20	(R)	30	(G)	30	(G)	100	(G)	24	(Y)		
Maintenance	(Parker)	29	(G)	73	(G)	31	(R)	83	(G)	29	(G)	32	(G)	100	(G)	31	(G)		
Work Control	(Gillespie)	9	(G)	93	(Y)	100	(G)	100	(G)	N/A	(W)	31	(G)	100	(G)	32	(G)		
Nuclear Engineering																		19	(Y)
Nuclear Engineering - Office of Vice President	(Baumstark)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)		
Reactor and Fuel Engineering	(Weiss)	155	(R)	56	(G)	41	(R)	22	(R)	N/A	(W)	34	(G)	100	(G)	23	(Y)		
Special Project/Unit 1	(J. Curry)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)		
Steam Generator Program	(Parry)	159	(R)	N/A	(W)	23	(R)	N/A	(W)	23	(Y)	24	(Y)	86	(Y)	19	(Y)		
Unit 1 Manager		N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)	N/A	(W)		

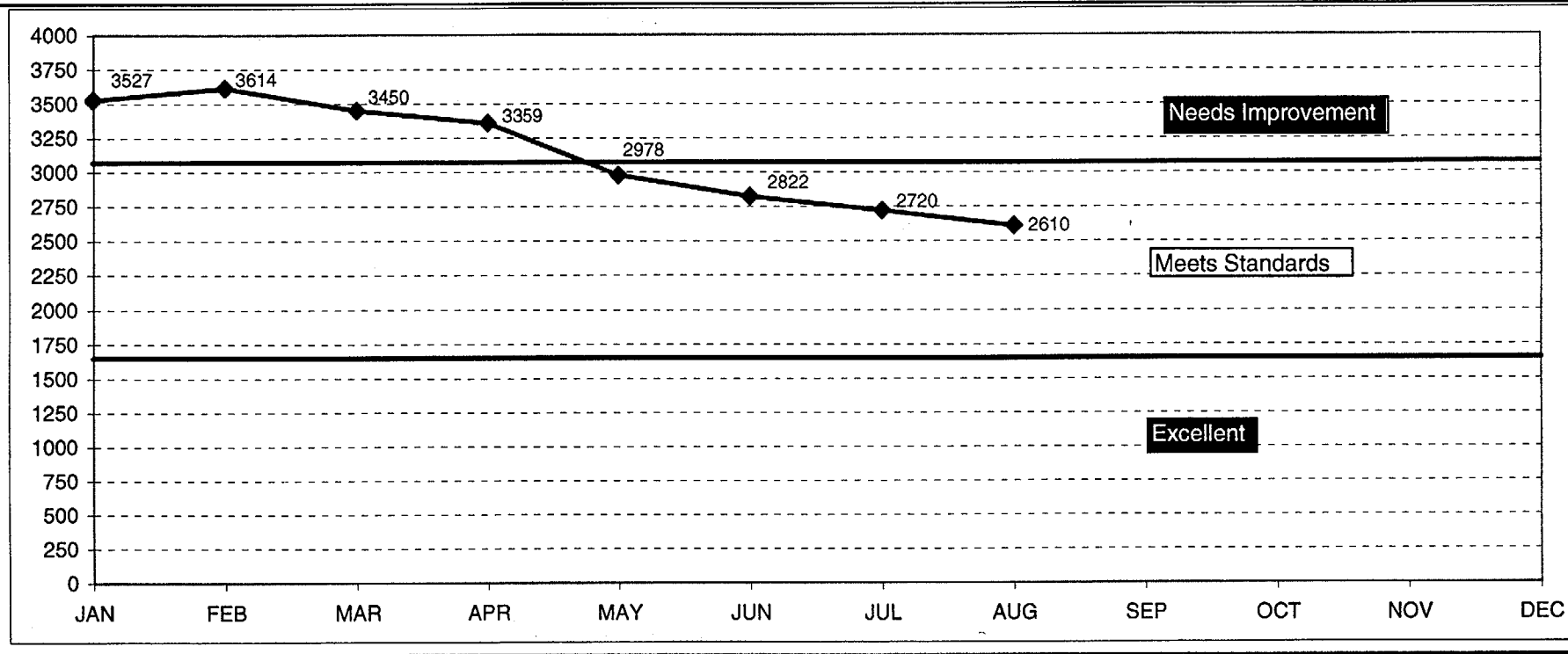
August, 20[illegible]

Department/Organization	Timelines		Schedule Adherence		Quality			Overall CA Index	Dept./Org. CAP Index
	Avg. Age of Open Eval's (days)	Avg. Age of Open CA's (days)	(%) Complete of Scheduled Eval's	(%) Complete of Scheduled CA's	Root Cause Evaluations CARB Score (SL 1/2)	Apparent Cause Evaluations CARC Score (SL 3)	CR Closure Acceptance Rate		
Nuclear Power									
Steam Generator Engineering (V. Mullin)	15 (G)	N/A (W)	100 (G)	N/A (W)	N/A (W)	24 (Y)	75 (R)	23 (Y)	31 (G)
Steam Generator Licensing & Environmental (C. Jackson)	N/A (W)	N/A (W)	100 (G)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	33 (G)	
Steam Generator Oversight & Administration (C. Johnson)	14 (G)	N/A (W)	100 (G)	N/A (W)	N/A (W)	32 (G)	100 (G)	33 (G)	
Steam Generator Plant Interface (R. Abbott)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	
Steam Generator Project Controls (M. Williams)	9 (G)	N/A (W)	100 (G)	N/A (W)	N/A (W)	34 (G)	100 (G)	33 (G)	
Steam Generator Quality Assurance (D. Cooper)	2 (G)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	34 (G)	100 (G)	33 (G)	
Steam Generator Replacement Project (A. Blind)	N/A (W)	N/A (W)	100 (G)	N/A (W)	32 (G)	N/A (W)	100 (G)	33 (G)	
Nuclear Projects									
Nuclear Projects (Gencarelli)	139 (R)	164 (Y)	65 (G)	71 (Y)	28 (G)	12 (R)	45 (R)	20 (Y)	20 (Y)
Nuclear Quality Assurance									
Audits and Surveillance (Goebel)	N/A (W)	177 (Y)	N/A (W)	100 (G)	N/A (W)	22 (Y)	100 (G)	28 (G)	20 (Y)
NFSC (Rose)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	
NQA Department Office (Morris)	39 (Y)	141 (Y)	0 (R)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	19 (Y)	
Procurement Quality Assurance (Brozski)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	N/A (W)	18 (R)	50 (R)	11 (R)	
Programs (O'Toole)	12 (G)	50 (G)	N/A (W)	100 (G)	N/A (W)	10 (R)	0 (R)	22 (Y)	
Quality Control, Procurement Quality Assurance (Brozski)	75 (R)	125 (Y)	0 (R)	0 (R)	N/A (W)	N/A (W)	N/A (W)	13 (R)	
Operations									
Generation Support (Gorman)	9 (G)	137 (Y)	100 (G)	82 (G)	N/A (W)	30 (G)	100 (G)	32 (G)	24 (Y)
Operations (Ferrick)	28 (G)	44 (G)	0 (R)	50 (R)	28 (G)	34 (G)	100 (G)	22 (Y)	
Operations (Dean)	71 (R)	98 (Y)	52 (Y)	57 (R)	27 (Y)	27 (Y)	100 (G)	21 (Y)	
Operations Support (Primrose)	73 (R)	97 (Y)	0 (R)	0 (R)	N/A (W)	30 (G)	100 (G)	22 (Y)	
Outage Planning									
Outage Planning (Huestis)	52 (R)	52 (G)	0 (R)	50 (R)	27 (Y)	29 (G)	100 (G)	23 (Y)	23 (Y)
Security									
Nuclear Security (Cullen)	112 (R)	97 (Y)	40 (R)	0 (R)	21 (Y)	10 (R)	50 (R)	14 (R)	14 (R)

August, 20

Department/Organization	Timelines		Schedule Adherence		Quality			Overall CA Index	Dept./Org. CAP Index
	Avg. Age of Open Eval's (days)	Avg. Age of Open CA's (days)	(%) Complete of Scheduled Eval's	(%) Complete of Scheduled CA's	Root Cause Evaluations CARB Score (SL 1/2)	Apparent Cause Evaluations CARC Score (SL 3)	CR Closure Acceptance Rate		
Site Engineering									25 (Y)
Site Engineering (Ventosa)	29 (G)	109 (Y)	50 (Y)	100 (G)	28 (G)	N/A (W)	100 (G)	31 (G)	
System Engineering (Burbige)	12 (G)	112 (Y)	94 82	80 (G)	29	28 (G)	100 (G)	26 (Y)	
System Engineering (Vasley)	53 (R)	137 (Y)	48 (R)	84 (G)	N/A (W)	23 (Y)	67 (R)	18 (Y)	
System Engineering (Eifler)	11 (G)	125 (Y)	100 (G)	100 (G)	N/A (W)	30 (G)	100 (G)	32 (G)	
System Engineering (O'Brien)	178 (R)	238 (R)	22 (R)	12 (R)	N/A (W)	29 (G)	100 (G)	21 (Y)	
Test and Performance (Barlok)	12 (G)	310 (R)	50 (Y)	2 (R)	N/A (W)	24 (Y)	80 (Y)	21 (Y)	
Nuclear Plant Engineering (De Donato)	36 (Y)	223 (R)	86 (G)	88 (G)	N/A (W)	N/A (W)	N/A (W)	25 (Y)	
Training									22 (Y)
Nuclear Training (Murphy)	34 (Y)	135 (Y)	N/A (W)	25 (R)	N/A (W)	N/A (W)	N/A (W)	18 (Y)	
Operations Training (Nichols)	3 (G)	167 (Y)	100 (G)	38 (R)	N/A (W)	N/A (W)	N/A (W)	24 (Y)	
Technical/Skills Training (Vogle)	N/A (W)	226 (R)	100 (G)	71 (Y)	N/A (W)	N/A (W)	N/A (W)	22 (Y)	
Training Technology (T. Vehec)	25 (G)	35 (G)	50 (Y)	0 (R)	N/A (W)	N/A (W)	N/A (W)	24 (Y)	
OVERALL STATION CAP INDEX	66 (R)	253 (R)	65 (G)	51 (R)	25 (Y)	26 (Y)	87 (Y)	24 (Y)	

Open Condition Reports



Definition

These indicators represent the total number of condition reports open at the end of the month to include any and all condition reports within the Configuration Control backlog..

Goal

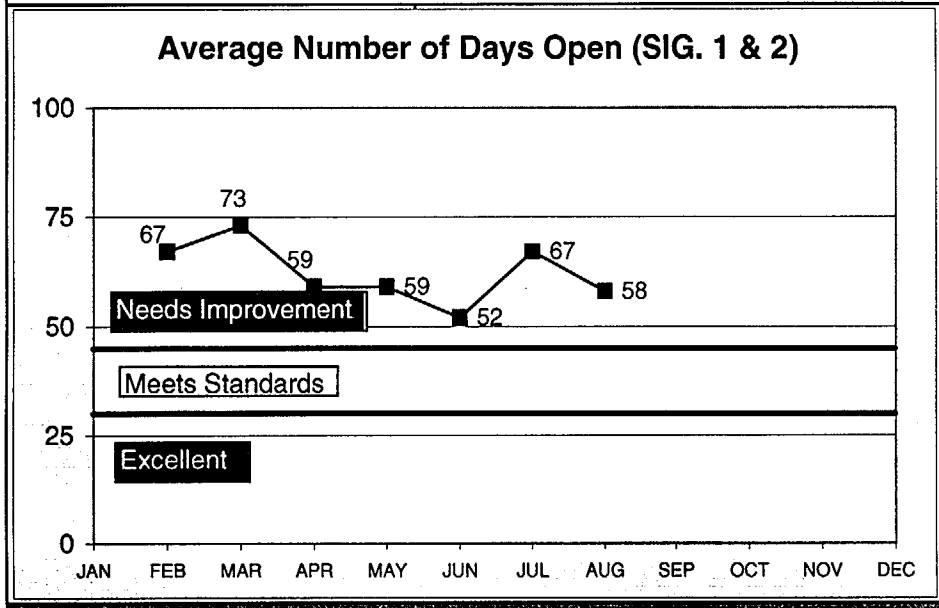
The station "Meets Standards" for corrective action backlog at 3070 Open CRs.
The station exceeds expectations "Excellent" when the backlog is less than 1650 Open CRs.

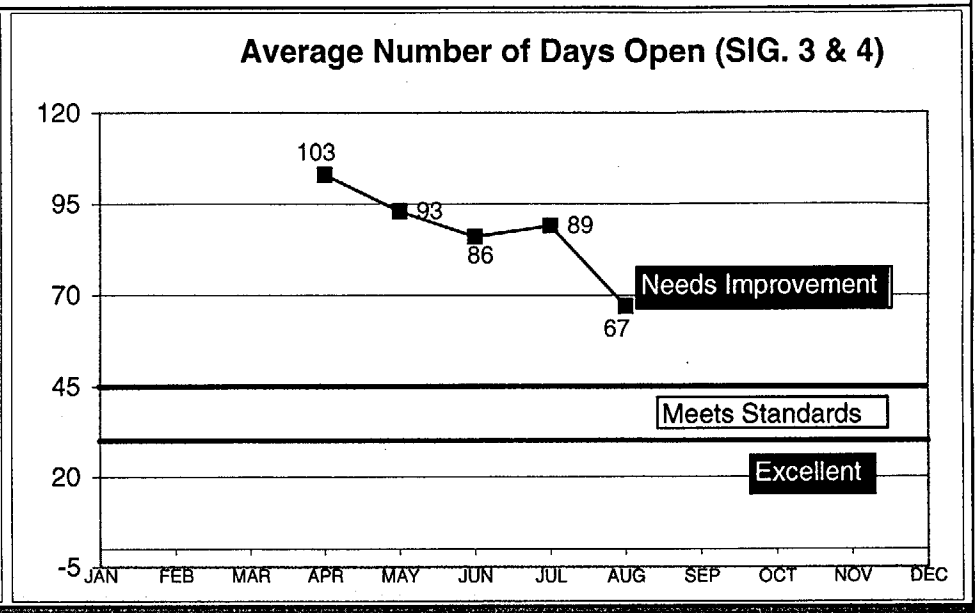
Analysis

Total backlog is down almost 110 Condition Reports from July and about 1,600 Condition Reports from November, 1999. The decrease in the past month is further proof of a greater sense of line management ownership of the IP-2 Corrective Action Program. Sustaining the progress made will be an item of focus for the Corrective Action Group (CAG) and the Corrective Action Review Board (CARB)

9/8/00

Condition Report Evaluations





Definition

This indicator represents the average age of all currently open condition report evaluations as of the end of the month. It is broken up into "Significant Events" (Sig.1 & 2) and "Less Significant Events" (Sig.3 & 4).

Goal

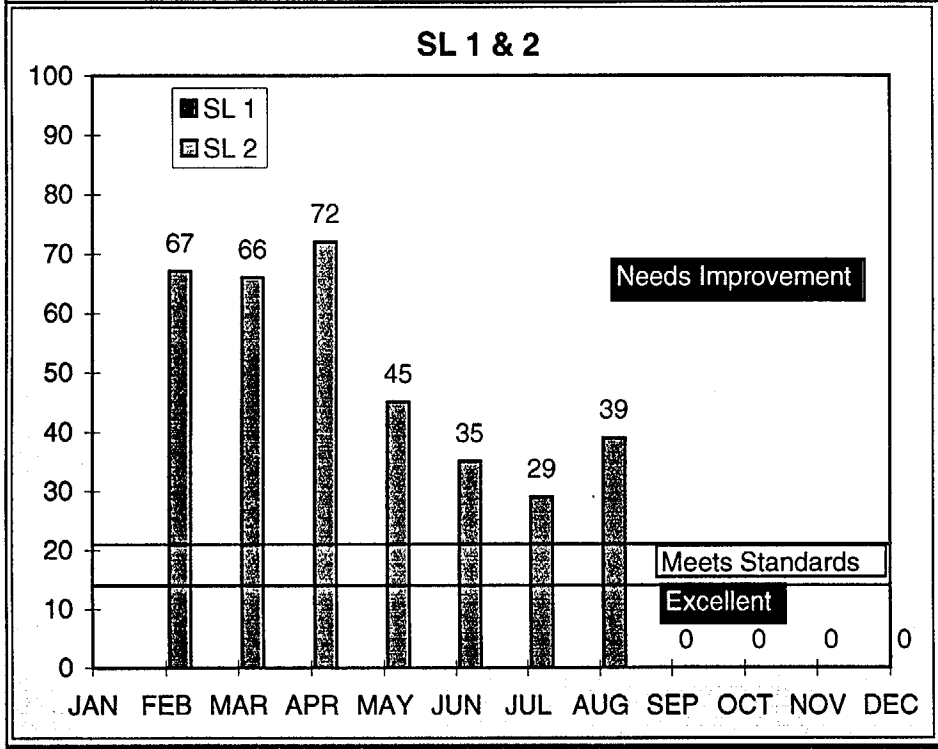
Condition Report evaluations are to be completed within 30 days. Evaluations completed within 30 days or less is "excellent".

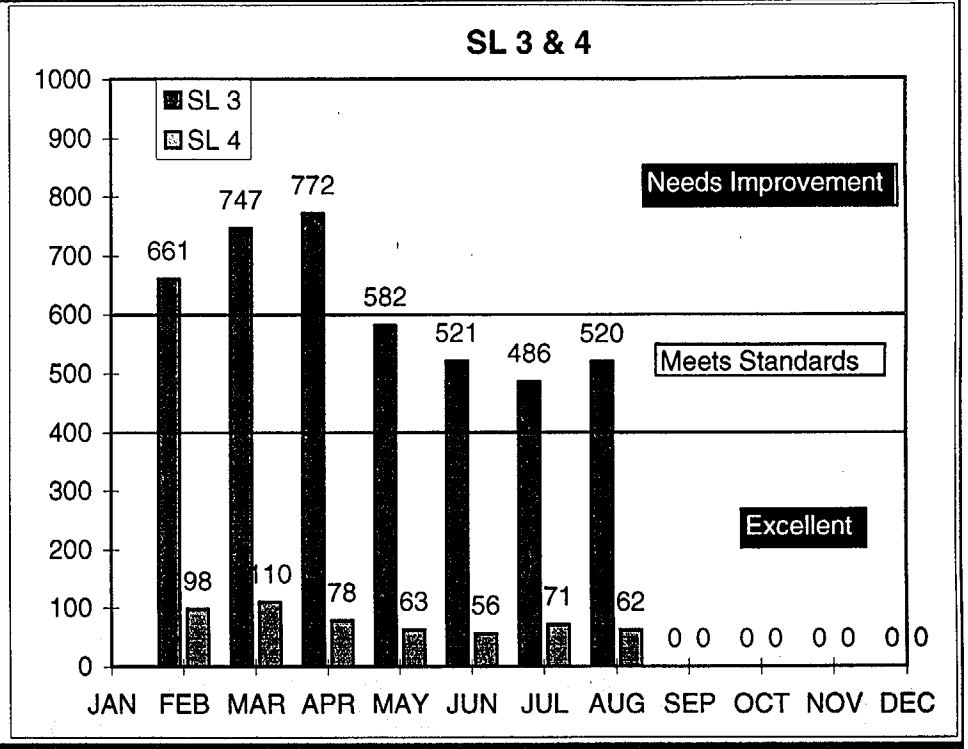
Analysis

Obvious increased emphasis on Condition Report Evaluation close outs is needed. Condition Reports have been initiated to note the adverse trend. Corrective Actions have been implemented and effectiveness will be evaluated in future months.

9/8/00

Open Condition Report Evaluations





Definition

These indicators represent the total number of condition report evaluations open at the end of the month.

Goal

SL-1 and 2 CRs meet expectations when less than 21 and exceeds expectations at less than 14.
SL-3 and 4 CRs meet expectations when less than 600 and exceeds expectations at less than 400.

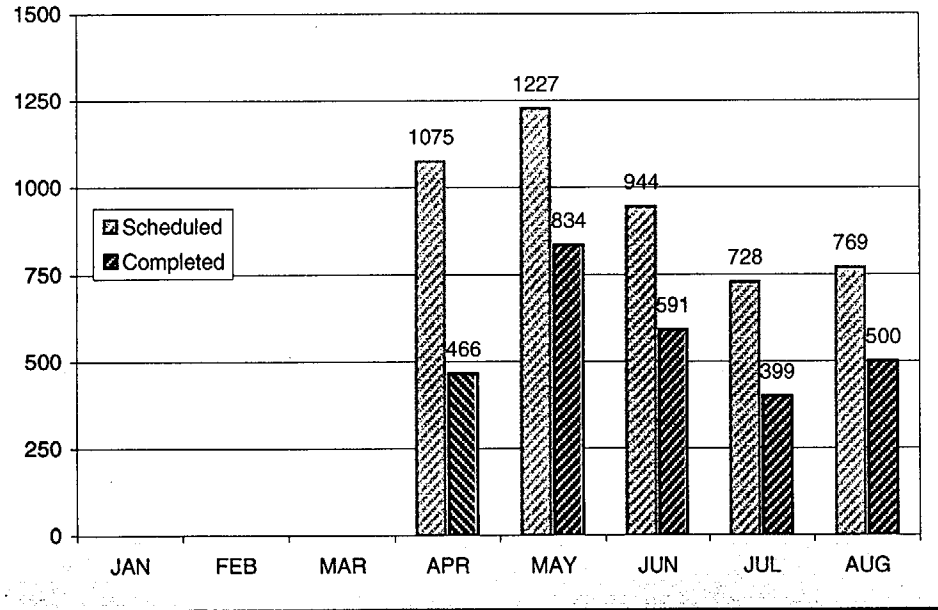
Analysis

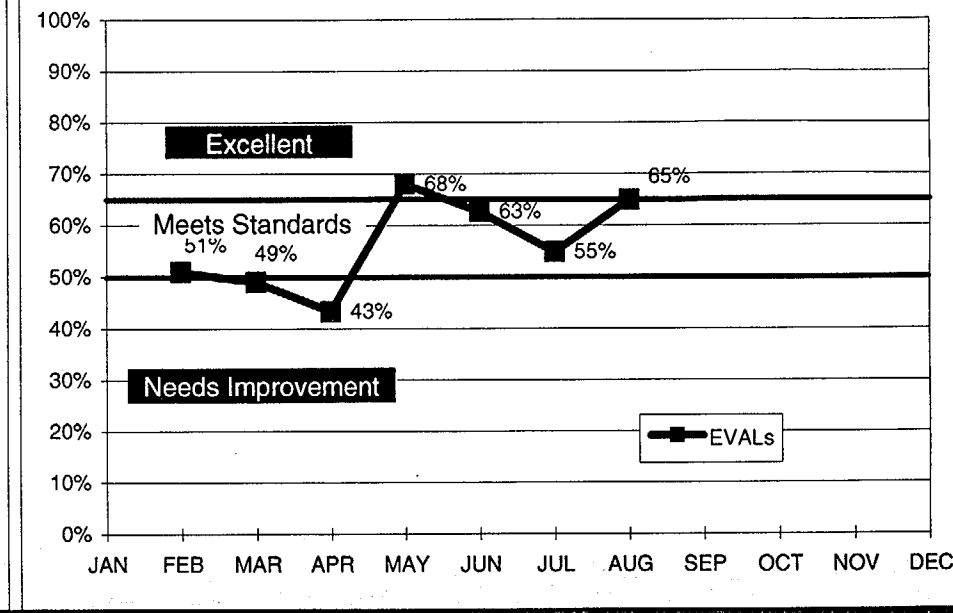
Corrective actions from the negative trend C/Rs written in April have been effective in the short term. Maintaining this performance level will be monitored with time.

The spike in SL-1 & SL-2 reports during the month of August, can be attributed to core off-load and Steam Generator outage start. Additionally, it is noted that the change requiring CARB approval of all SL-2 Condition reports is causing a delay to the closeouts (due to the recognition that quality will be an item of focus).

9/8/00

Percent Completed vs Scheduled Evaluations





Definition

This indicator represents the percent of condition reports that have been evaluated out of the total number of open condition reports.

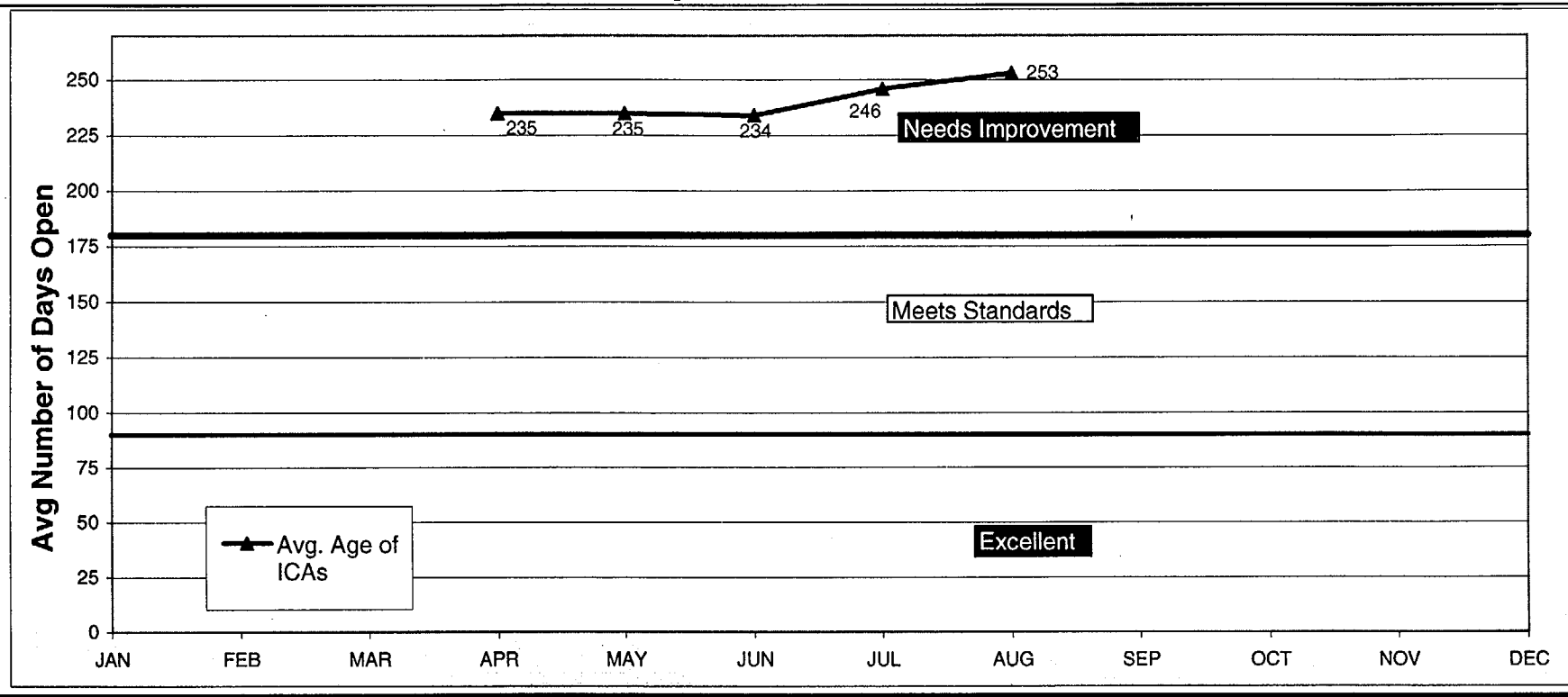
Goal

Having 50% or more condition reports evaluated is meeting standards. 65% or greater is excellent.

Analysis

A number greater than 50% indicates that we are working off the backlog. The station performed exceeding our standards during the last month. Sustaining this momentum will be an item of focus for the Corrective Action Group (CAG) and the Corrective Action Review Board (CARB).

Condition Report Corrective Actions



Definition

This indicator represents the average age of all currently open Condition Report corrective actions (ICAs).

Goal

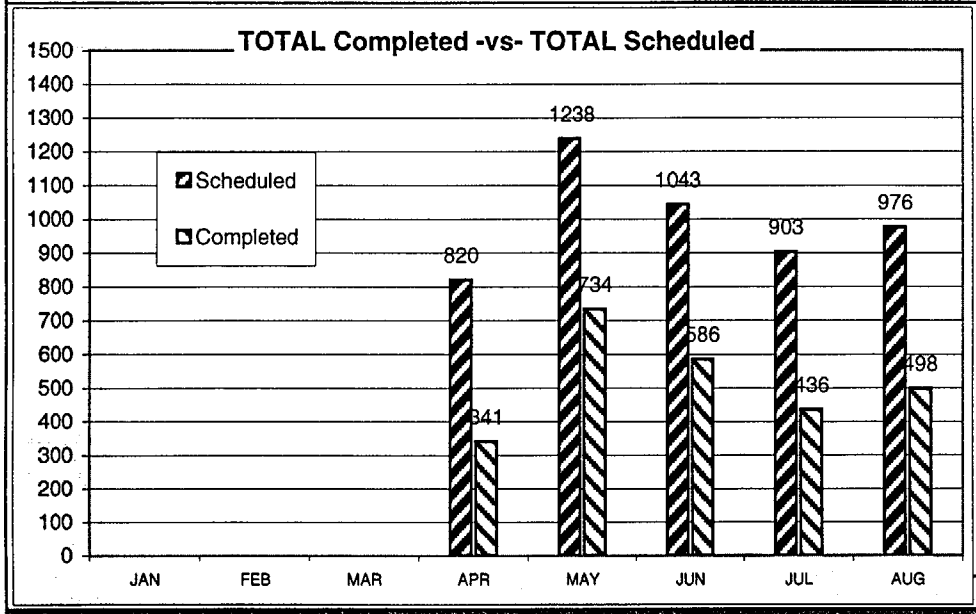
Condition Report corrective actions are to be completed within 180 days. Corrective actions completed in <90 days is excellent.

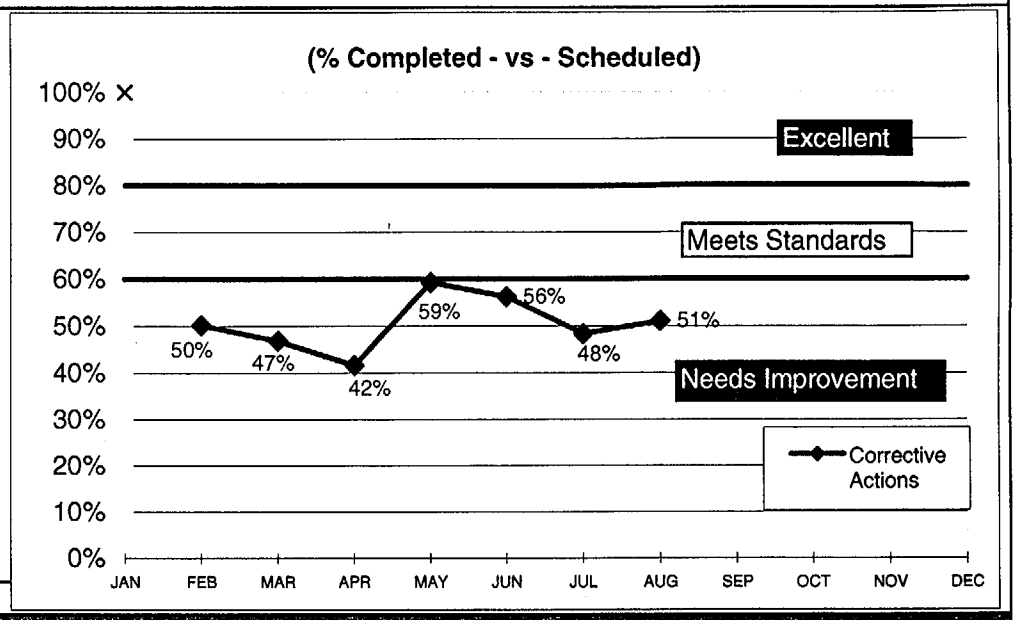
Analysis

The driving organization for this indicator is Configuration Control. WE will not make significant improvement in this area until this organization makes significant improvement. As such, configuration control is providing periodic progress updates to the CARB. New metrics were created in June to assist Configuration Control and we are seeing a substantial reduction in their backlog in the last three months. Sustaining this effort will produce the desired results.

9/8/00

Percent Completed vs Scheduled Corrective Actions





Definition

This indicator represents the percent of corrective actions completed out of those scheduled in the current month. This indicator reflects our ability to plan our CAP workload, schedule the work, and work the plan.

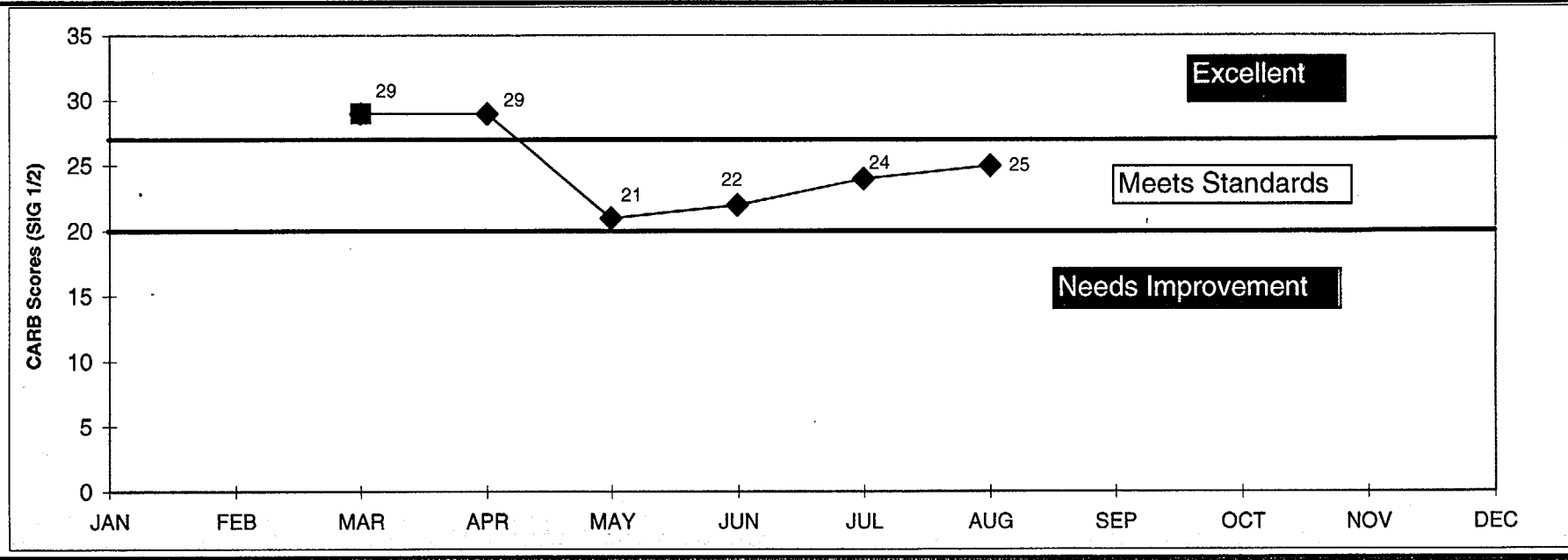
Goal

Corrective actions are expected to be completed on or before their due date. An average of greater than 60% meets standards.

Analysis

An increased focus on Schedule Adherence is needed and will be tracked during the following months. An improvement trend is noted however, WE fell below our standard of 60% during July. Our backlog of ICAs remains high.

Quality of Root Cause Evaluations



Definition

This chart represents a monthly average of the scores given to Significance Level 1 and 2 Root Cause Evaluations by the Corrective Action Review Board (CARB), and/or the Corrective Action Group.

Goal

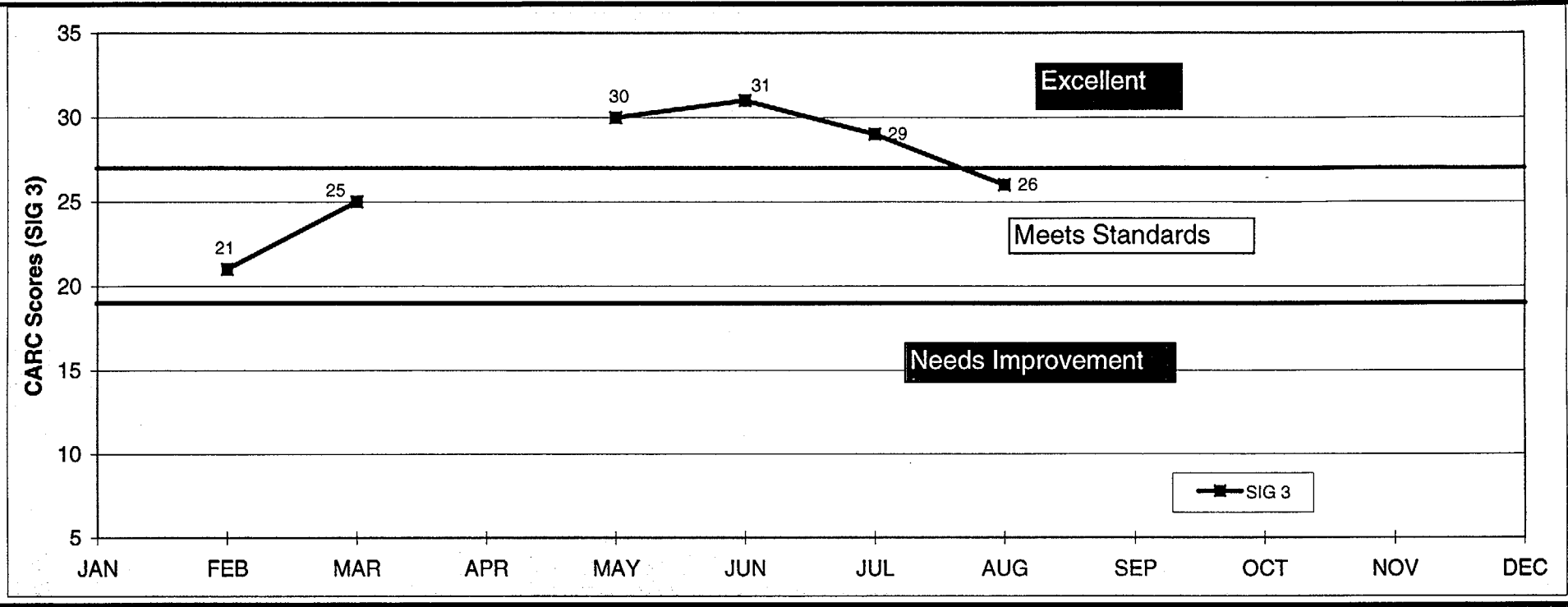
A score of $\geq$ 20 is in the range of "Meets Standards" category and $\geq$ 27 is in the range of "Excellent" category.

Analysis

The Corrective Action Review Board (CARB) was formed for the purpose of reviewing and approving completed Significance Level 1 & 2 Root Cause Evaluations. The CARB will review and discuss: completed root cause analysis to ensure consistency and adequacy, planned corrective actions and schedule to ensure consistency, completeness, timeliness, ability to preclude recurrence, sensibility relative to root cause(s), and adequacy of plans to monitor the effectiveness of the corrective actions.

Further analysis will require more data.

Quality of App ent Cause Evaluations



Definition

This chart represents scores given to Significance Level 3 Apparent Cause Evaluations by the Corrective Action Review Committee (CARC).

Goal

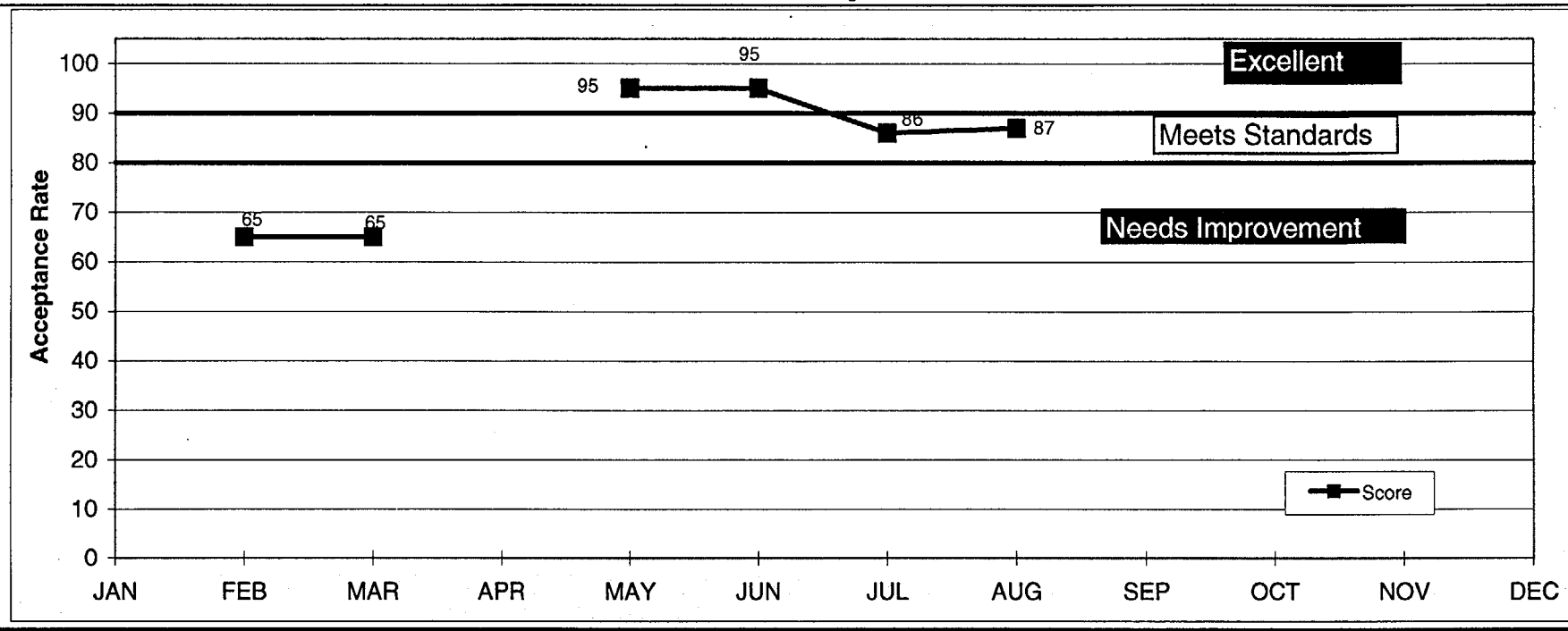
A score of ≥ 20 is in the range of "Meets Standards" category and ≥ 27 is in the range of "Excellent" category.

Analysis

CAG has implemented new (Quality) Procedures, and effective May 2000, reliable and consistent data is being generated. WE have determined that our scoring and grading criteria do not meet industry standards. Changes are being implemented causing the scores to go down while we "raise the bar" for acceptable quality.

9/8/00

CR Closure Acceptance Rate



Definition

This chart represents the monthly overall CR acceptance rate. Items are reviewed to provide assurance that Significant Conditions Adverse to Quality are being addressed by CR Owners in accordance with SAO-112 requirements, and to provide station management timely feedback to improve the overall quality of Root and Apparent Cause Evaluations and subsequent Corrective Actions.

Goal

A score of ≥ 80% is in the range of "Meets Standards" category and ≥90% is in the range of "Excellent" category.

Analysis

CAG has implemented new (Quality) Procedures and effective May 2000 reliable and consistent data is being generated and will be available for future reports.

9/8/00

GO GREEN !
KEEP IT GREEN !
USE SELF EVALUATION

CURRENT CAP
WEEKLY METRICS

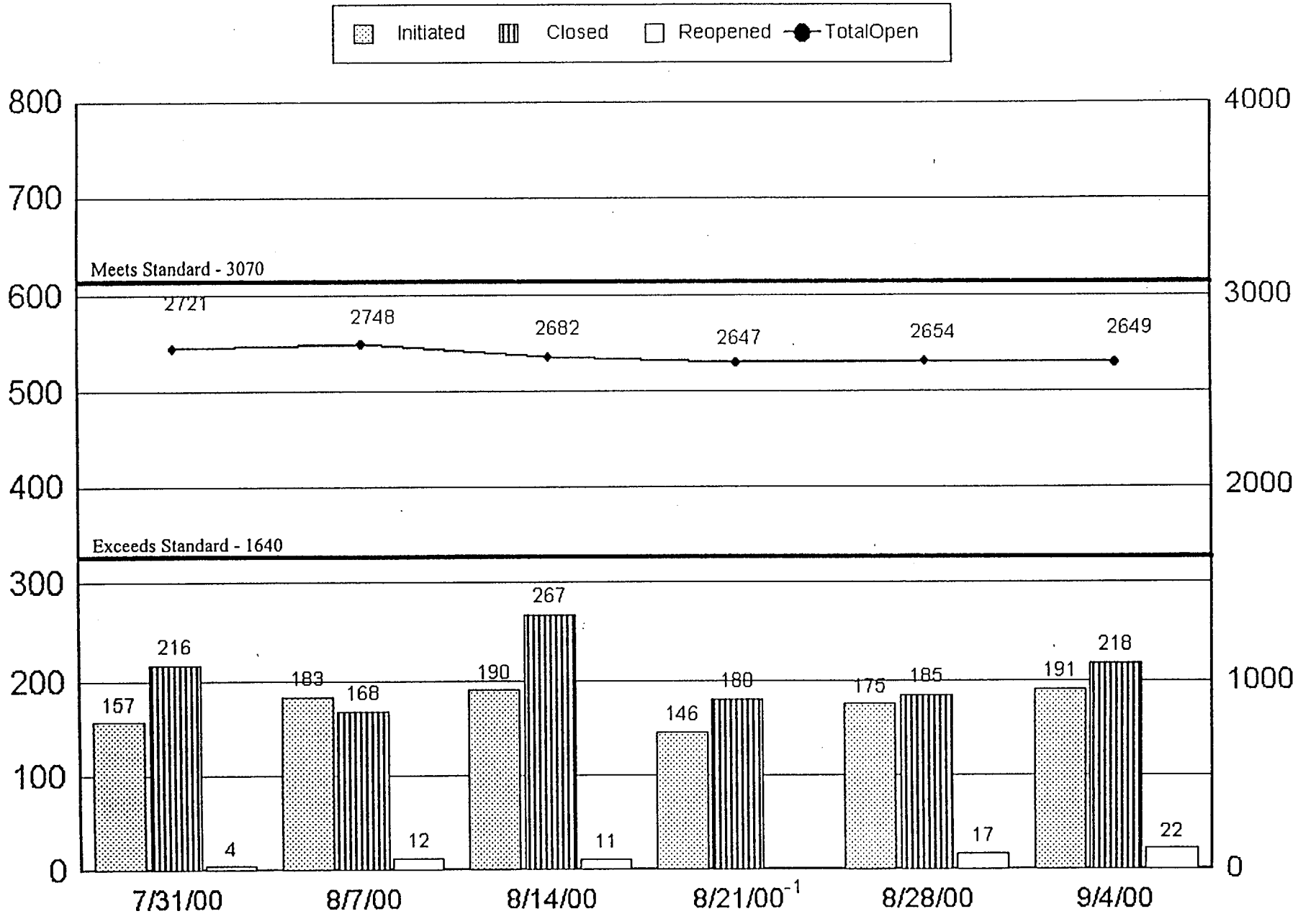
Corrective Action Program

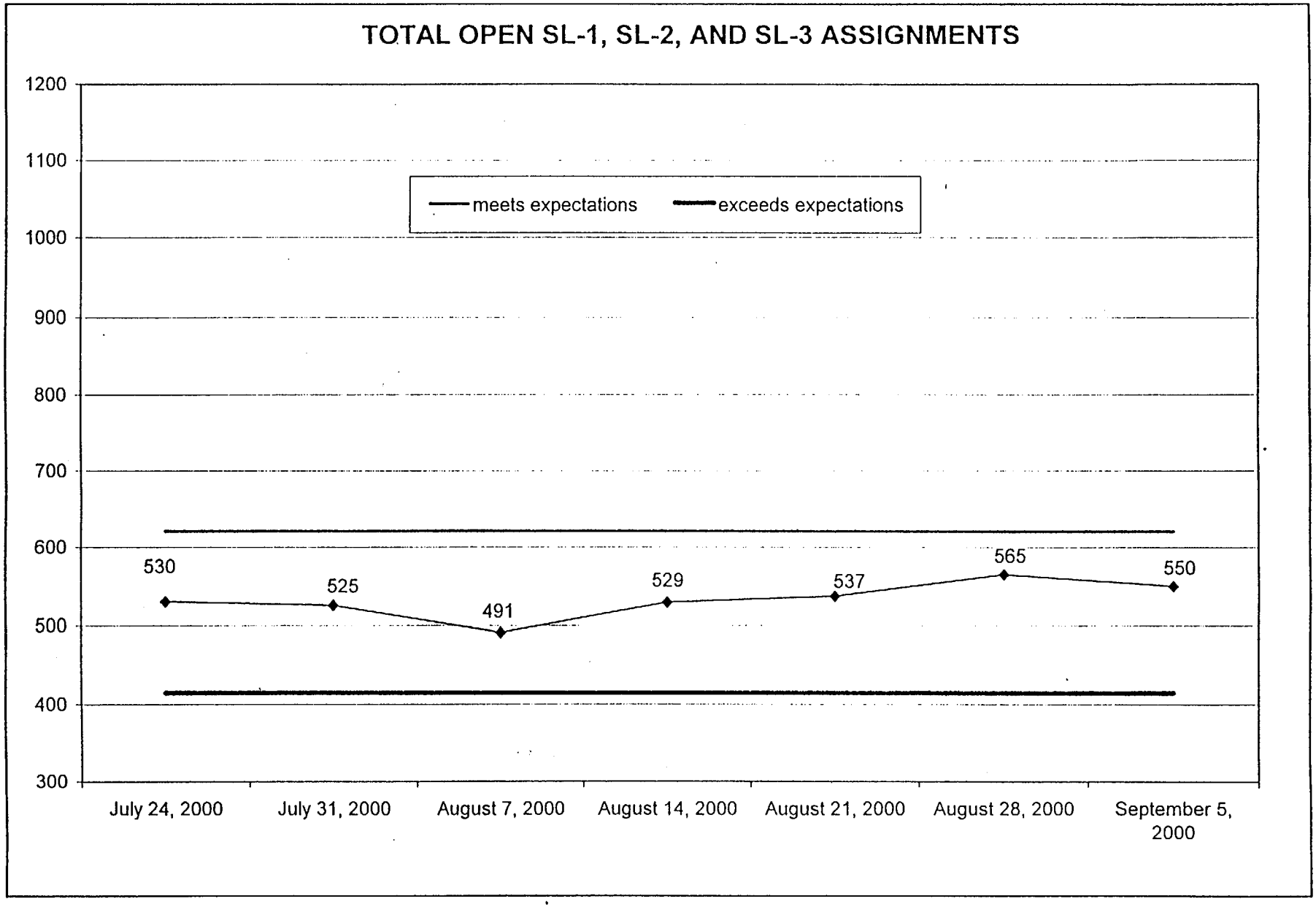
Weekly Metrics

September 5, 2000

CONDITION RLPORT STATUS

'5/00




TOTAL OPEN SL-1, SL-2, AND SL-3 ASSIGNMENTS
1200
1100
1000
900
800
700
600
500
400
300
meets expectations
exceeds expectations
530
525
491
529
537
565
550
July 24, 2000
July 31, 2000
August 7, 2000
August 14, 2000
August 21, 2000
August 28, 2000
September 5, 2000

Overdue SL-3 Owner Assignment Counter

Including "Closed + Unread" Status

09/05/2000
7:47 am

BARLOK SR. JOSE 7	MCCAFFREY, THO 2	Walther, Matthew 22
BAROUCH, KEITH 4	MURPHY, DEIRDR 1	Weiss, John 9
BROZSKI, SERGEI 7	NOONAN, THOMA 6	WITTICH, WALTE 8
BURBIGE, LAWRE 12	Nutter, Victor 1	
BURNS, REYNOLD 8	O'Brien, Patrick 9	
COLEMAN, KATHE 19	PARKER, P.K. 13	
Cullen, Gerald 2	PARRY II, JOHN 4	
Dean, Gregory 9	Phillips, Frank 7	
Entenberg, Mark 6	Piatek, Walter 1	
FERRICK, JOHN 1	POIRIER, THOMAS 47	
GENCARELLI, THO 5	RYFF, GERALD 2	
Ghosh, Dipti 1	SHEIKH, ARSHAD 1	
GILLESPIE, ROBER 1	STAUBER, MARY 1	
GOETCHIUS, EDW 3	TUOHY, JAMES 6	
HUESTIS, MARC 2	VASELY, MICHAE 5	
KEHOE, KEVIN 3	VEHEC, THOMAS 2	
MAFFEI, DONALD 1	VILLANI, LUCIANO 3	
MC CANN, JOHN 2	VOGLE, ROBERT 2	

All Open SL Owner Assignment Counter

Including "Closed + Unread" Status

09/05/2000
7:44 am

ABBOTT, RICHAR 1	GILLESPIE, ROBER 5	MURPHY, DEIRDR 1	TUOHY, JAMES 13
Allen, Robert 3	GOEBEL, JOSEPH 3	NICHOLS, JOHN 2	VASELY, MICHAE 12
AYDIN, FEHMI 3	GOETCHIUS, EDW 7	NOONAN, THOMA 6	VEHEC, THOMAS 8
BARLOK SR, JOSE 18	Gorman, Alexander 2	Nutter, Victor 6	VENTOSA, JOHN 2
BAROUCH, KEITH 11	HALAMA, DAN 8	O'Brien, Patrick 12	VILLANI, LUCIANO 8
BROZSKI, SERGEI 9	HUESTIS, MARC 12	O'Toole, William 22	VOGLE, ROBERT 2
BURBIGE, LAWRE 22	INZIRILLO, FRANK 5	PARKER, P.K. 37	Walther, Matthew 26
BURNS, REYNOLD 14	JACKSON, CHARL 3	PARRY II, JOHN 5	Weiss, John 14
COLEMAN, KATHE 26	Johnson, Chuck 3	PEART, CLAUDE 3	WILLIAMS, MICHA 28
Cullen, Gerald 2	KEHOE, KEVIN 3	Phillips, Frank 13	WITTICH, WALTE 27
Dean, Gregory 14	MAFFEI, DONALD 8	Piatek, Walter 2	WOODY, ERIN 6
DONEGAN, MICHA 19	MC CANN, JOHN 4	POIRIER, THOMAS 48	
Durr Jr, William 1	MCCAFFREY, THO 3	RUSSELL, PATRIC 4	
Ellwanger, John 2	MIELE, MICHAEL 2	RYFF, GERALD 7	
Entenberg, Mark 8	MOONEY, JAMES 1	SAGER, HARLAN 2	
FERRICK, JOHN 3	MORRIS, DAVID 2	SHEIKH, ARSHAD 2	
GENCARELLI, THO 10	MULLIN, VICTOR 12	Smith, William 1	
Ghosh, Dipti 16	Murdock, John 1	STAUBER, MARY 1	

Overdue ICA Owner Assignment Counter

Including "Closed + Unread" Status

09/05/2000
7:46 am

Allen, Robert 7	HALAMA, DAN 58	Phillips, Frank 1
BARLOK SR, JOSEPH 8	Hinrichs, Gary 1	Piatek, Walter 1
BAROUCH, KEITH 1	HUESTIS, MARC 1	POIRIER, THOMAS 35
BROZSKI, SERGEI 4	INZIRILLO, FRANK 1	Primrose, Eugene 2
BURBIGE, LAWRENC 4	Javaraman, Vadakkant 11	RUSSELL, PATRICK 9
BURNS, REYNOLDS 13	MAFFEI, DONALD 1	RYFF, GERALD 7
Butler, John 1	MASSE, ROBERT 1	TUOHY, JAMES 18
COLEMAN, KATHERI 4	MC CANN, JOHN 25	VASELY, MICHAEL 7
Cullen, Gerald 1	Mc Court, Neil 1	VENTOSA, JOHN 1
Dean, Gregory 3	MCCAFFREY, THOMA 1	VILLANI, LUCIANO 6
DONEGAN, MICHAEL 6	MIELE, MICHAEL 5	VOGLE, ROBERT 13
Ellwanger, John 7	MURPHY, DEIRDRE 4	Walther, Matthew 40
Entenberg, Mark 4	NICHOLS, JOHN 11	Weiss, John 15
GENCARELLI, THOMA 2	NOONAN, THOMAS 1	WITTICH, WALTER 79
Ghosh, Dipti 31	Nutter, Victor 1	WOODY, ERIN 76
GILLESPIE, ROBERT 1	O'Brien, Patrick 1	
GOEBEL, JOSEPH 1	O'Toole, William 2	
Gorman, Alexander 1	PARKER, P.K. 2	

All Open ICA Owner Assignment Counter

Including "Closed + Unread" Status

09/05/2000
7:44 am

Alibutod, Luisito	DONEGAN, MICHAEL	Johnson, Chuck	PARKER, P.K.	VILLANI, LUCIAN
1	12	1	11	41
Allen, Robert	Durr Jr, William	KEHOE, KEVIN	PARRY II, JOHN	VOGLE, ROBERT
17	1	1	3	21
AYDIN, FEHMI	Ellwanger, John	MAFFEI, DONALD	Phillips, Frank	Walther, Matthew
12	207	2	10	61
BARLOK SR, JOSEPH	Entenberg, Mark	MASSE, ROBERT	Piatek, Walter	Weiss, John
28	8	2	5	28
BAROUCH, KEITH	FERRICK, JOHN	MC CANN, JOHN	Piccininni, Frank	WILLIAMS, MICHA
8	10	33	18	3
Baumstark, James S.	GENCARELLI, THOMA	Mc Court, Neil	POIRIER, THOMAS	WITTICH, WALTE
2	4	1	87	204
BLIND, ARTHUR ALA	Ghosh, Dipti	MCCAFFREY, THOMA	Primrose, Eugene	WOODY, ERIN
1	131	7	4	155
BROVARSKI, CYNTH	GILLESPIE, ROBERT	MIELE, MICHAEL	RUSSELL, PATRICK	WUEBBER, MARY
3	16	8	78	1
BROWN, LEO	GOEBEL, JOSEPH	MOONEY, JAMES	RYFF, GERALD	
1	15	31	436	
BROZSKI, SERGEI	GOETCHIUS, EDWAR	MORRIS, DAVID	SAGER, HARLAN	
7	11	5	1	
BURBIGE, LAWRENC	Gorman, Alexander	MULLIN, VICTOR	Schoen, Peter	
19	27	2	2	
BURNS, REYNOLDS	HALAMA, DAN	Murdock, John	SHEIKH, ARSHAD	
40	103	2	14	
Butler, John	Hinrichs, Gary	MURPHY, DEIRDRE	STAUBER, MARY	
1	5	16	1	
COLEMAN, KATHERI	HUESTIS, MARC	NICHOLS, JOHN	Townsend, Larry	
8	19	35	2	
COOPER, RICHARD W	INZIRILLO, FRANK	NOONAN, THOMAS	TUOHY, JAMES	
1	104	5	33	
Cullen, Gerald	JACKSON, CHARLES	Nutter, Victor	VASELY, MICHAEL	
2	1	5	20	
Dampf, Michael	Jawor, John	O'Brien, Patrick	VEHEC, THOMAS	
1	2	12	5	
Dean, Gregory	Javaraman, Vadakkant	O'Toole, William	VENTOSA, JOHN	
9	39	16	8	

All SL-1 & SL-2 Overdue Owner Assignments

	CR Number	SL	Assignee Name	Status	DateCrented	DueDate	Days	One Line Descriprion
1	199909441	2	Weiss, John	Open + Assigned	12/23/1999	01/22/2000	227	Audiit Finding 99-02-I-F01, "Special Nuclear Material Control"
2	200000993	2	RYFF, GERALD	Open	05/31/2000	03/17/2000	172	This is a Significance Level 2 Condition Report
3	200001089	2	TUOHY, JAMES	Open + Assigned	02/22/2000	03/23/2000	166	The referenced CR's describe tagging, drawing and field discrepancies. Design engineering (mec
4	200000382	2	FERRICK, JOHN	New + Unread	08/24/2000	03/31/2000	158	The reason for this CR is to ask when are WE, as a plant, going to "work SMARTER, not HAR
5	200002290	2	COLEMAN, KATHERI	Open	05/01/2000	05/03/2000	125	Monday 03/27/00 - Midday
6	200002431	2	TUOHY, JAMES	Open + Assigned	04/07/2000	05/07/2000	121	Recommended SL2
7	200002442	2	TUOHY, JAMES	Open + Assigned	04/08/2000	05/08/2000	120	Recommended SL2
8	200002451	2	Weiss, John	New	05/10/2000	05/08/2000	120	At 12:05 PM, an evaluation of a preliminary report on the Spent Fuel Pool Storage Rack's Borafl
9	200002049	1	PARRY II, JOHN	New	03/24/2000	05/10/2000	118	NOTIFIED BY NS&L THAT EDDY CURRENT TESTS FOR 21 AND 24 STEAM GENERA
10	200002789	2	O'Brien, Patrick	Open + Assigned	05/04/2000	06/03/2000	94	Fire Protection Audit Finding No.: 00-07-A-F01
11	200003325	2	COLEMAN, KATHERI	Open	05/09/2000	06/08/2000	89	ERDS Computer and both Safety Assessment System terminals located in the TSC were found d
12	200003646	2	BROZSKI, SERGEI	Open	05/18/2000	06/17/2000	80	
13	200004312	1	BROZSKI, SERGEI	New	06/08/2000	07/08/2000	59	During the preventive maintenance of Motor Control Center 21, the supply cable ground was bu
14	200004354	2	MORRIS, DAVID	Open + Assigned	06/15/2000	07/15/2000	52	A stop Work was declared, for the purposes of sequence, to the repair and modification of of MC
15	200004567	2	PARKER, P.K.	Open	06/16/2000	07/16/2000	51	During cable pull of services water pump #25. in turbine bldg. 15' el.using house crane, rigging
16	200004568	2	WITTICH, WALTER	New	06/16/2000	07/16/2000	51	Vacuum refill was commenced per the new MOD connecting downstream of the PORV's. The N
17	200005139	2	BAROUCH, KEITH	New	07/11/2000	08/10/2000	26	The final draft of Corporate Environmental Health and Safety Audit (File 4- 2491) was publishe
18	200005343	2	FERRICK, JOHN	Open	07/18/2000	08/17/2000	19	HM was working on 22 MBFP turning gear under WP 54478 and TO# 13409. The work scope
19	200005478	2	Dean, Gregory	Open	07/25/2000	08/24/2000	12	During the current conduct of "Hands-on" Fire Training, two fire brigade members were found t
20	200004573	2	VASELY, MICHAEL	Open + Assigned	06/16/2000	08/30/2000	6	This condition report is to document all work done on the Fuel and Core Component Handling d
21	200005723	2	PARKER, P.K.	New + Unread	08/03/2000	09/02/2000	3	DURING INSPECTION OF VALVE PRIOR TO REPACK FOUND A GOUGE ON THE STEI
22	200005734	2	Weiss, John	New + Unread	09/01/2000	09/03/2000	2	The referenced CRs have instigated investigations that have determined that the source range po

09/05/ J

CRS - Twelve Most Past Dr Risk Significant SL Assignments

CRS Number	System	Condition Description	Assignee	Status	DueDate	Action	Due (days)
199909441	N/A	Audiit Finding 99-02-I-F01, "Special Nuclear Material Control"	Weiss, John	Open + Assigned	01/22/2000	Significance Level 2 Report	227
200000993	N/A	This is a Significance Level 2 Condition Report	RYFF, GERALD	Open	03/17/2000	Significance Level 2 Report	172
200001089	N/A	The referenced CR's describe tagging, drawing and field discrepan	TUOHY, JAMES	Open + Assigned	03/23/2000	Significance Level 2 Report	166
200000382	PW	The reason for this CR is to ask when are WE, as a plant, going	FERRICK, JOHN	New + Unread	03/31/2000	Significance Level 2 Report	158
200002290	N/A	Monday 03/27/00 - Midday	COLEMAN, KATHE	Open	05/03/2000	Significance Level 2 Report	125
200002431	N/A	Recommended SL2	TUOHY, JAMES	Open + Assigned	05/07/2000	Significance Level 2 Report	121
200002442	N/A	Recommended SL2	TUOHY, JAMES	Open + Assigned	05/08/2000	Significance Level 2 Report	120
200002451	SFPC	At 12:05 PM, an evaluation of a preliminary report on the Spen	Weiss, John	New	05/08/2000	Significance Level 2 Report	120
200002789	FP	Fire Protection Audit Finding No.: 00-07-A-F01	O'Brien, Patrick	Open + Assigned	06/03/2000	Significance Level 2 Report	94
200003325	COMP	ERDS Computer and both Safety Assessment System terminals I	COLEMAN, KATHE	Open	06/08/2000	Significance Level 2 Report	89
200003431	EDG	While performing 2yr PM on 23 EDG, it was noted that the edg	BARLOK SR, JOSEPI	Open + Assigned	06/10/2000	Significance Level 3 Report	87
200003524	AFW	This CR is being written to document the lack of proper notifica	BROZSKI, SERGEI	Open	06/12/2000	Significance Level 3 Report	85

CRS - Most Past Due Reque[illegible] For Information (RFI) Assignmer[illegible]

09/0[illegible] 00

CRS Number	Condition Description	Assignee	Status	DueDate	Action	Due (days)
199601242	OIRs are being writtten with no Tag number for the component	BROZSKI, SERGEI	Open	07/17/1998	RFI	781
199704136	Audit 97-07-A (JE) - AOI 27.1.9 REV. 22,CCR Inaccessibility S	Walther, Matthew	Open	04/15/1999	RFI	509
199704136	Audit 97-07-A (JE) - AOI 27.1.9 REV. 22,CCR Inaccessibility S	Dahl, George	Open	04/15/1999	RFI	509
199804088	While reviewing Chapter 4 of the UFSAR as part of the 50.54(f	Skulte, Peteris	Open	05/01/1999	RFI	493
199704268	while troubleshooting fi-1200 loop under wo# 97-90174 a bad te	WOODY, ERIN	Open	05/31/1999	RFI	463
199903208	This condition requires an engineering evaluation be performed t	Ely, Joe	Open	06/30/1999	RFI	433
199702962	While performing wire checks with CSD at Buchanan substation	Ghosh, Dipti	New	07/23/1999	RFI	410
199810581	This condition may require a UFSAR change; recommend this it	LESSARD, STEVEN	Open	08/02/1999	RFI	400
199810637	It is recommended that this be reviewed by NS&L	LESSARD, STEVEN	Open	08/31/1999	RFI	371
199800127	During the AEI an NRC Team Member noted that there are disc	Moilanen, Dick	New 1 Unread	08/31/1999	RFI	371
199905925	VC Summer's replacement steam generators' center of gravity (R	JACKSON, CHARLES	New	09/02/1999	RFI	369
199806144	During review of DR's for the ARP Setpoint Verification Project	LICATA, ROBERT	Open	09/17/1999	RFI	354

1 WEEK LOOK AHEAD

ICA Owner Assignments Coming Due In The Next 7 Days

09/05/2000
7:47 am

BARLOK SR, JOSEPH	1			
199907396		SL3 ICA	09/05/2000	Open + Assigned
BAROUCH, KEITH	2			
200004135		SL3 ICA	09/07/2000	Open + Assigned
200001573		SL1 ICA	09/11/2000	Open
BURNS, REYNOLDS	1			
199909460		SL3 ICA	09/07/2000	Open + Assigned
COLEMAN, KATHERIN	1			
200001573		SL1 ICA	09/11/2000	Open
Ghosh, Dipti	8			
200003351		SL3 ICA	09/06/2000	Open
200003418		SL3 ICA	09/06/2000	Open
200003624		SL3 ICA	09/07/2000	Open
200003625		SL3 ICA	09/07/2000	Open
200003430		SL3 ICA	09/07/2000	Open
200002924		SL3 ICA	09/10/2000	Open
GILLESPIE, ROBERT	1			
200001675		SL3 ICA	09/10/2000	Open + Assigned
Gorman, Alexander	1			
200004495		SL3 ICA	09/11/2000	Open
HALAMA, DAN	2			
199809977		SL3 ICA	09/06/2000	Open
200003187		SL3 ICA	09/11/2000	New + Unread
HUESTIS, MARC	1			
200005467		SL3 ICA	09/08/2000	New
INZIRILLO, FRANK	2			
200005494		SL3 ICA	09/07/2000	Open

1 WEEK LOOK AHEAD

ICA Owner Assignments Coming Due In The Next 7 Days

09/05/2000
7:47 am

	200003557		SL3 ICA	09/10/2000	Open
MOONEY, JAMES	1				
	200002419		SL3 ICA	09/11/2000	Open + Assigned
POIRIER, THOMAS	3				
	200002822		SL2 ICA	09/06/2000	New + Unread
	199902480		SL3 ICA	09/08/2000	Closed + Unread
	200001675		SL3 ICA	09/10/2000	New + Unread
TUOHY, JAMES	1				
	200001675		SL3 ICA	09/10/2000	Closed + Unread
Walther, Matthew	2				
	199902208		SL1 ICA	09/08/2000	Open
WITTICH, WALTER	2				
	199705246		SL3 ICA	09/11/2000	New
	200003852		SL3 ICA	09/11/2000	Open + Assigned

1 WEEK LOOK AHEAD

SL Owner Assignments Coming Due In The Next 7 Days

0[illegible]2000
7:46 am

AYDIN, FEHMI	1			
	200005911	SL3	09/10/2000	Open + Assigned
BARLOK SR, JOSEPH	3			
	200005765	SL3	09/06/2000	Open + Assigned
	200005810	SL3	09/06/2000	Open + Assigned
	200005829	SL3	09/07/2000	Open + Assigned
BURBIGE, LAWRENCE	3			
	200005812	SL3	09/06/2000	Open + Assigned
	200005858	SL3	09/08/2000	New
	200005883	SL3	09/09/2000	Open + Assigned
BURNS, REYNOLDS	2			
	200005803	SL3	09/06/2000	New + Unread
	200005919	SL3	09/10/2000	New + Unread
COLEMAN, KATHERINE	1			
	200005817	SL3	09/10/2000	Open
Dean, Gregory	1			
	200005816	SL3	09/06/2000	Open
Entenberg, Mark	1			
	200005844	SL3	09/07/2000	Open + Assigned
Ghosh, Dipti	4			
	200005834	SL3	09/07/2000	Open
	200005887	SL3	09/09/2000	Open
	200005893	SL3	09/09/2000	New
	200005926	SL3	09/10/2000	Open
GILLESPIE, ROBERT	1			
	200005798	SL3	09/06/2000	New + Unread
[illegible]TCHIUS, EDWARD	1			
	200006013	SL3	09/11/2000	New + Unread

1 WEEK LOOK AHEAD

SL Owner Assignments Coming Due In The Next 7 Days

JACKSON, CHARLES	1			
	200005755	SL3	09/06/2000	Open
Johnson, Chuck	1			
	200005857	SL2	09/08/2000	Open
MIELE, MICHAEL	1			
	200005783	SL3	09/06/2000	Open + Assigned
MULLIN, VICTOR	4			
	200005766	SL3	09/06/2000	Open
	200005770	SL3	09/06/2000	New
	200005772	SL3	09/06/2000	Open
	200005774	SL3	09/06/2000	New
O'Toole, William	18			
	200005931	SL3	09/10/2000	Open + Assigned
	200005932	SL3	09/10/2000	Open + Assigned
	200005933	SL3	09/10/2000	Open + Assigned
	200005935	SL3	09/10/2000	Open + Assigned
	200005936	SL3	09/10/2000	Open + Assigned
	200005937	SL3	09/10/2000	Open + Assigned
	200005939	SL3	09/10/2000	Open + Assigned
	200005940	SL3	09/10/2000	Open + Assigned
	200005941	SL3	09/10/2000	Open + Assigned
	200005943	SL3	09/10/2000	Open + Assigned
	200005944	SL3	09/10/2000	Open
	200005946	SL3	09/10/2000	Open + Assigned
	200005947	SL3	09/10/2000	Open + Assigned
	200005948	SL3	09/10/2000	Open + Assigned

1 WEEK LOOK AHEAD

SL Owner Assignments Coming Due In The Next 7 Days

0 2000
7:46 am

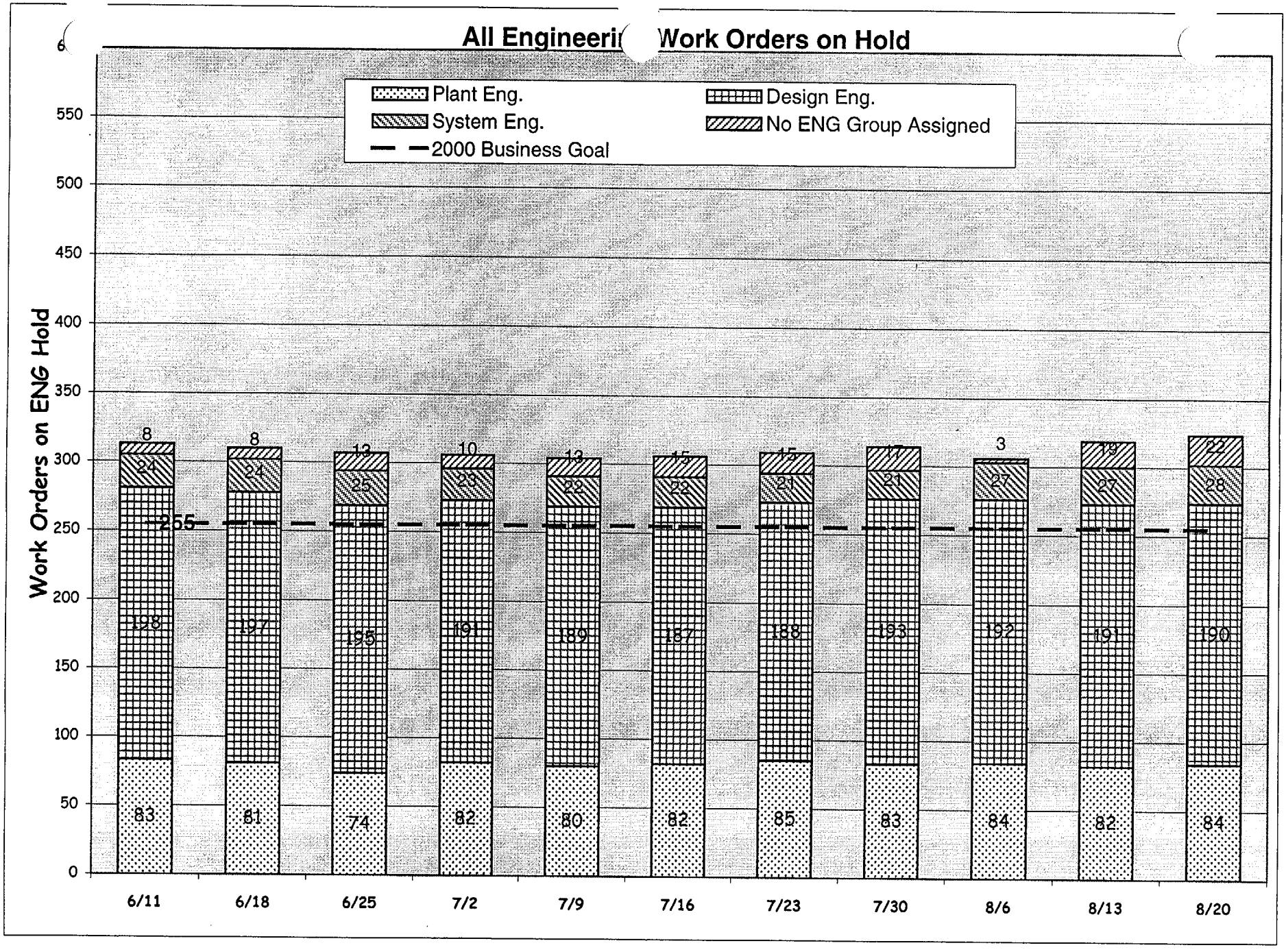
	200005949	SL3	09/10/2000	Open + Assigned
	200005953	SL3	09/10/2000	New
	200005954	SL3	09/10/2000	Open + Assigned
	200005956	SL3	09/10/2000	Open + Assigned
PARKER, P.K.	4			
	200005753	SL3	09/06/2000	New + Unread
	200005821	SL3	09/07/2000	New + Unread
	200005890	SL3	09/09/2000	New + Unread
	200005907	SL3	09/09/2000	New + Unread
PEART, CLAUDE	2			
	200005854	SL3	09/08/2000	New
	200005928	SL3	09/10/2000	Open + Assigned
Phillips, Frank	2			
	200005863	SL3	09/08/2000	Open + Assigned
	200005910	SL3	09/10/2000	Open + Assigned
Piatek, Walter	1			
	200005785	SL3	09/06/2000	New
RYFF, GERALD	3			
	200005905	SL3	09/09/2000	New
	200005906	SL3	09/09/2000	New
	200005908	SL3	09/09/2000	New
SAGER, HARLAN	1			
	200005878	SL3	09/08/2000	Open
Smith, William	1			
	200005886	SL3	09/10/2000	New
T OHY, JAMES	2			
	200005851	SL3	09/08/2000	New + Unread

1 WEEK LOOK AHEAD

SL Owner Assignments Coming Due In The Next 7 Days

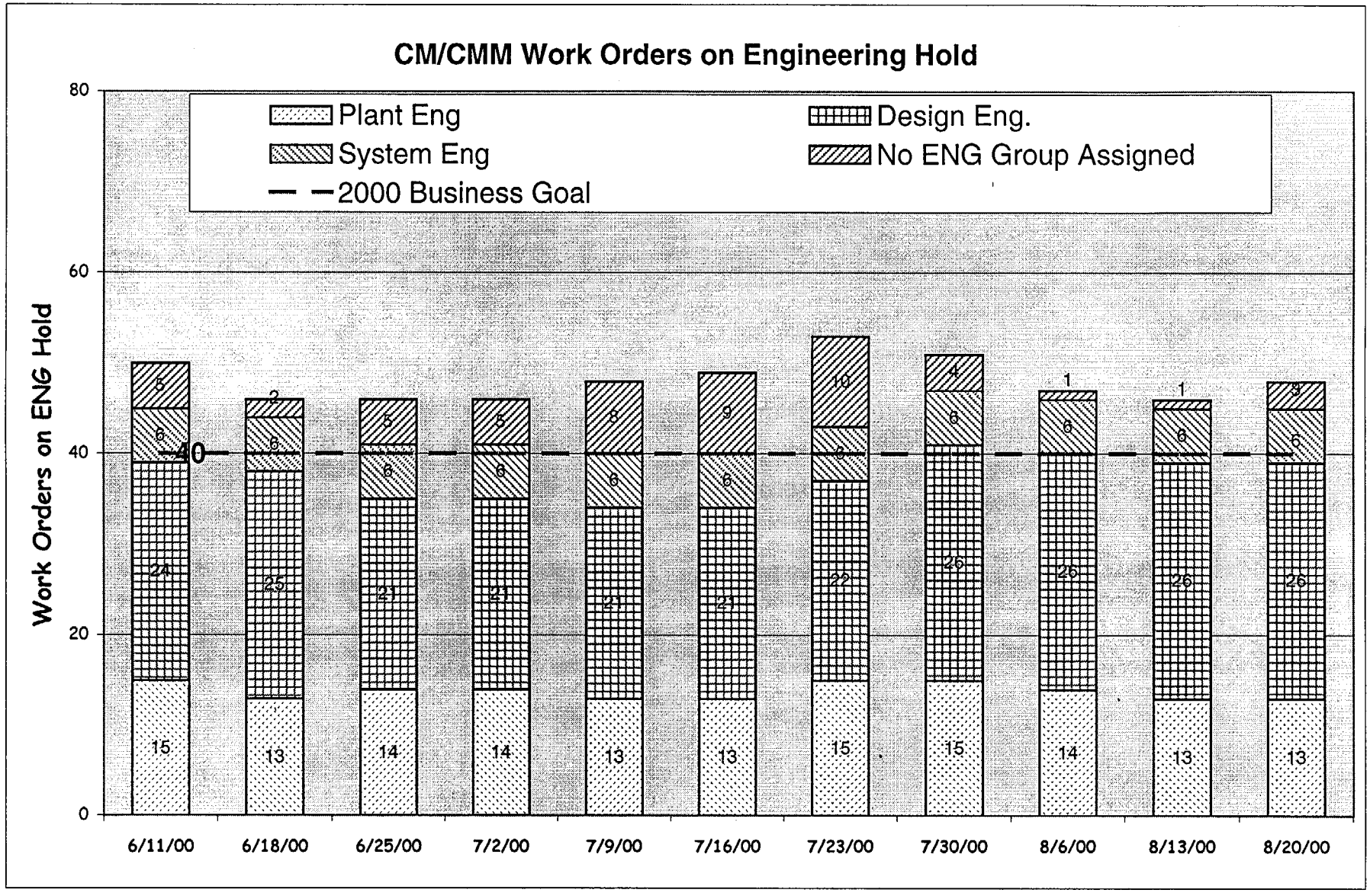
5/2000
7:46 am

	200005852	SL3	09/08/2000	New + Unread
VASELY, MICHAEL	1			
	200005792	SL3	09/06/2000	Open + Assigned
VEHEC, THOMAS	1			
	200005927	SL3	09/10/2000	Open
VENTOSA, JOHN	1			
	200005850	SL3	09/08/2000	Open + Assigned
WILLIAMS, MICHAEL	3			
	200005871	SL3	09/08/2000	Open
	200005885	SL3	09/09/2000	Open
	200005925	SL3	09/10/2000	Open
WITTICH, WALTER	5			
	200005761	SL3	09/06/2000	New + Unread
	200005776	SL3	09/06/2000	New
	200005849	SL3	09/08/2000	New + Unread
	200005875	SL3	09/10/2000	New + Unread
	200005876	SL3	09/08/2000	New + Unread

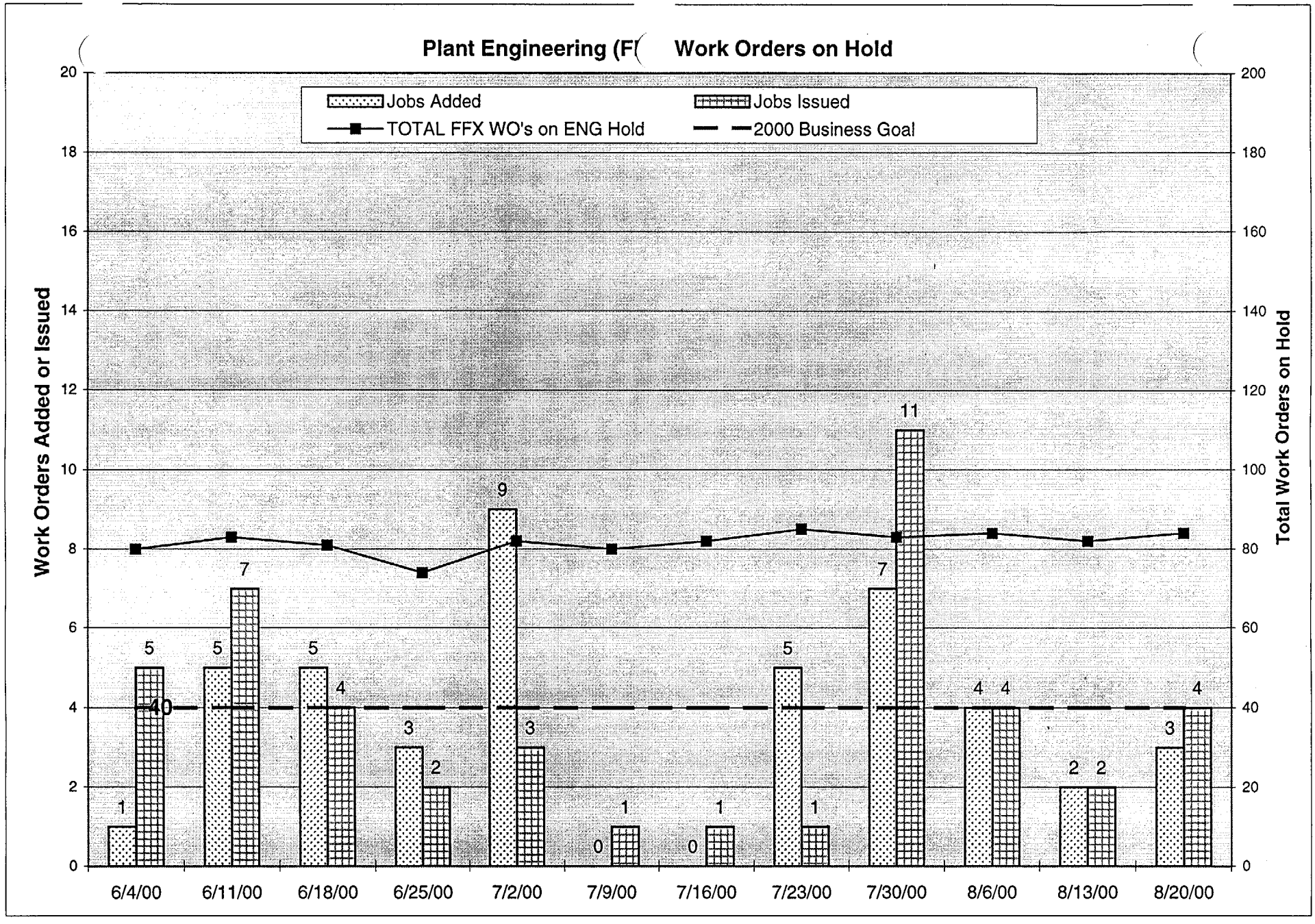


New Added	5	5	7	4	3	2	6	11	3	18	6
Totals	313	310	307	306	304	306	309	314	306	319	324

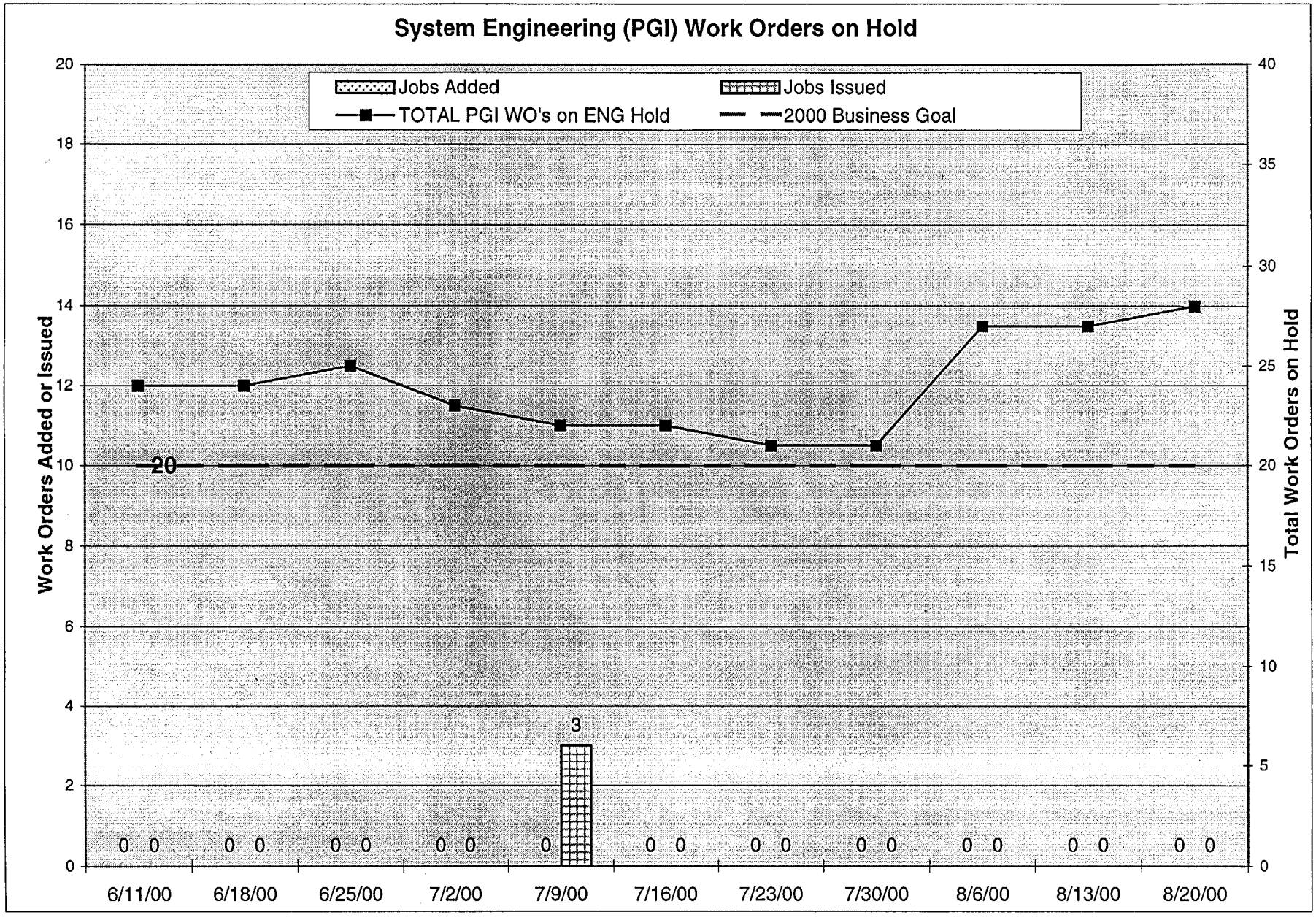
9/8/00



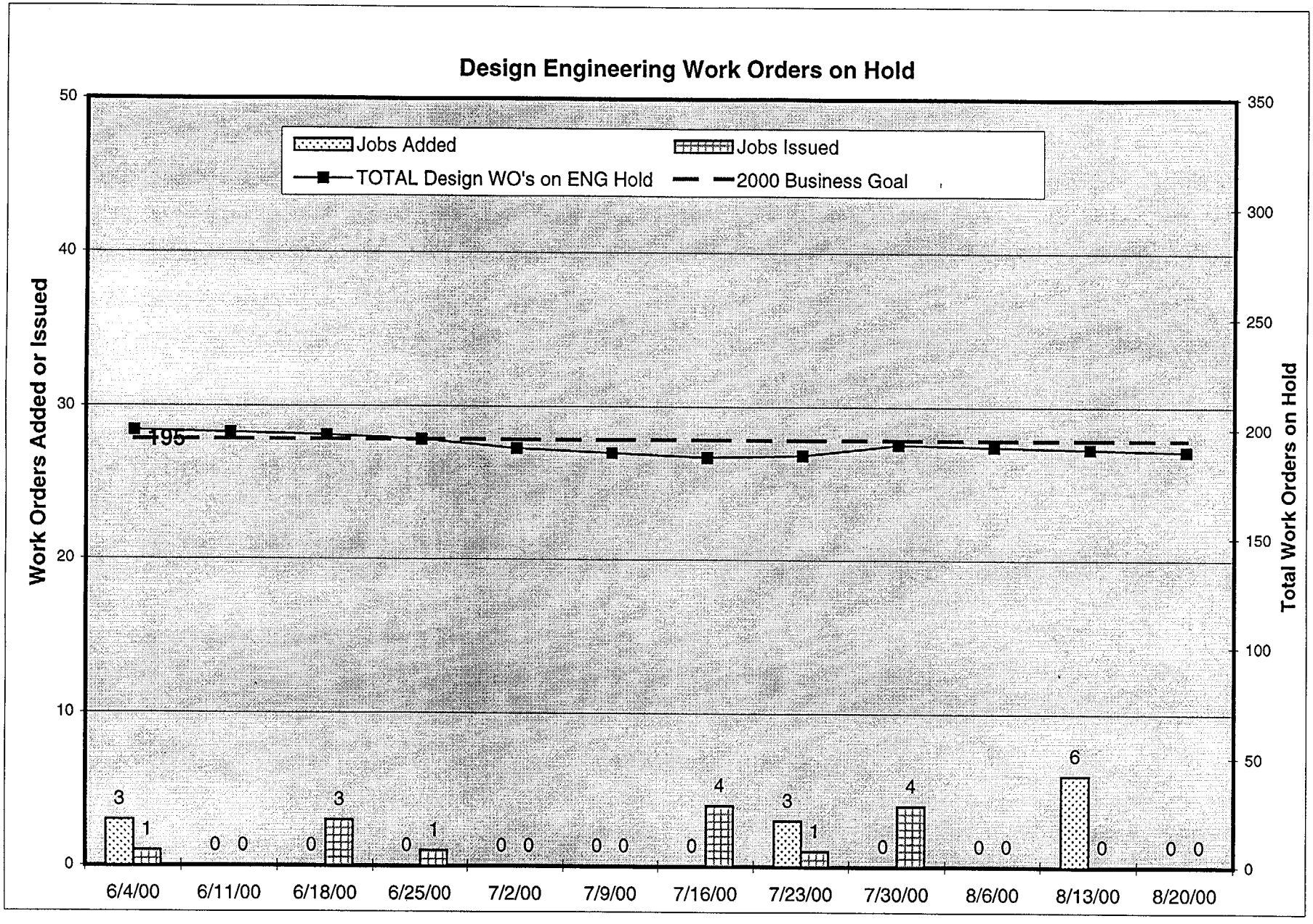
Totals	50	46	46	46	48	49	53	51	47	46	48



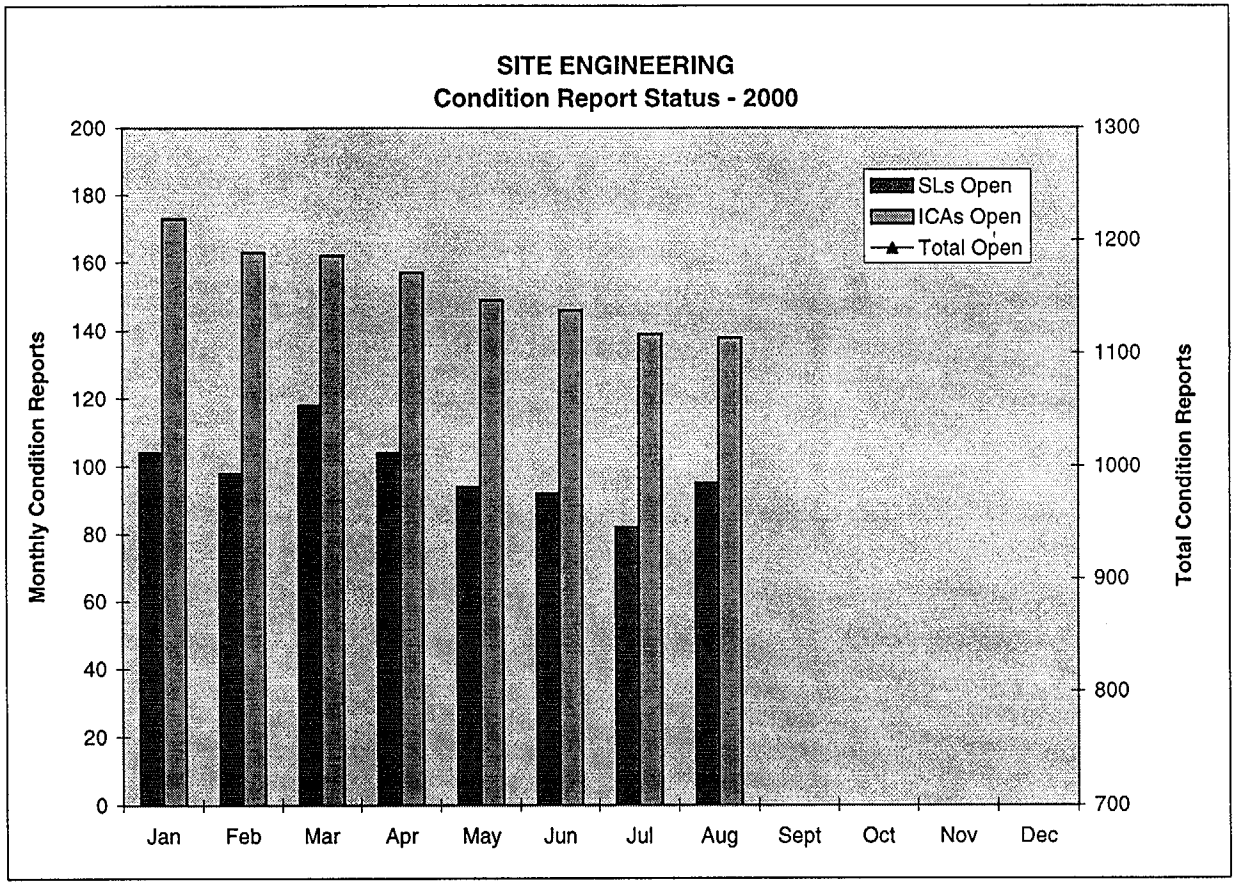
Active	72	75	74	68	76	74	76	79	77	78	76	78	Active
Inactive	8	8	7	6	6	6	6	6	6	6	6	6	Inactive
Total	80	83	81	74	82	80	82	85	83	84	82	84	Total
Can/Trans	0	5	-3	-8	2	-1	3	-1	2	1	-2	3	Can/Trans


System Engineering (PGI) Work Orders on Hold
Jobs Added
Jobs Issued
TOTAL PGI WO's on ENG Hold
2000 Business Goal
Work Orders Added or Issued
Total Work Orders on Hold
20
3
0 0
0
6/11/00
6/18/00
6/25/00
7/2/00
7/9/00
7/16/00
7/23/00
7/30/00
8/6/00
8/13/00
8/20/00

9/8/00


Design Engineering Work Orders on Hold
Jobs Added
Jobs Issued
TOTAL Design WO's on ENG Hold
2000 Business Goal
Work Orders Added or Issued
Total Work Orders on Hold
50
40
30
20
10
0
350
300
250
200
150
100
50
0
195
3
1
0 0
0
3
0
1
0 0
0 0
0
4
3
1
0
4
0 0
6
0
0 0
6/4/00
6/11/00
6/18/00
6/25/00
7/2/00
7/9/00
7/16/00
7/23/00
7/30/00
8/6/00
8/13/00
8/20/00

9/8/00

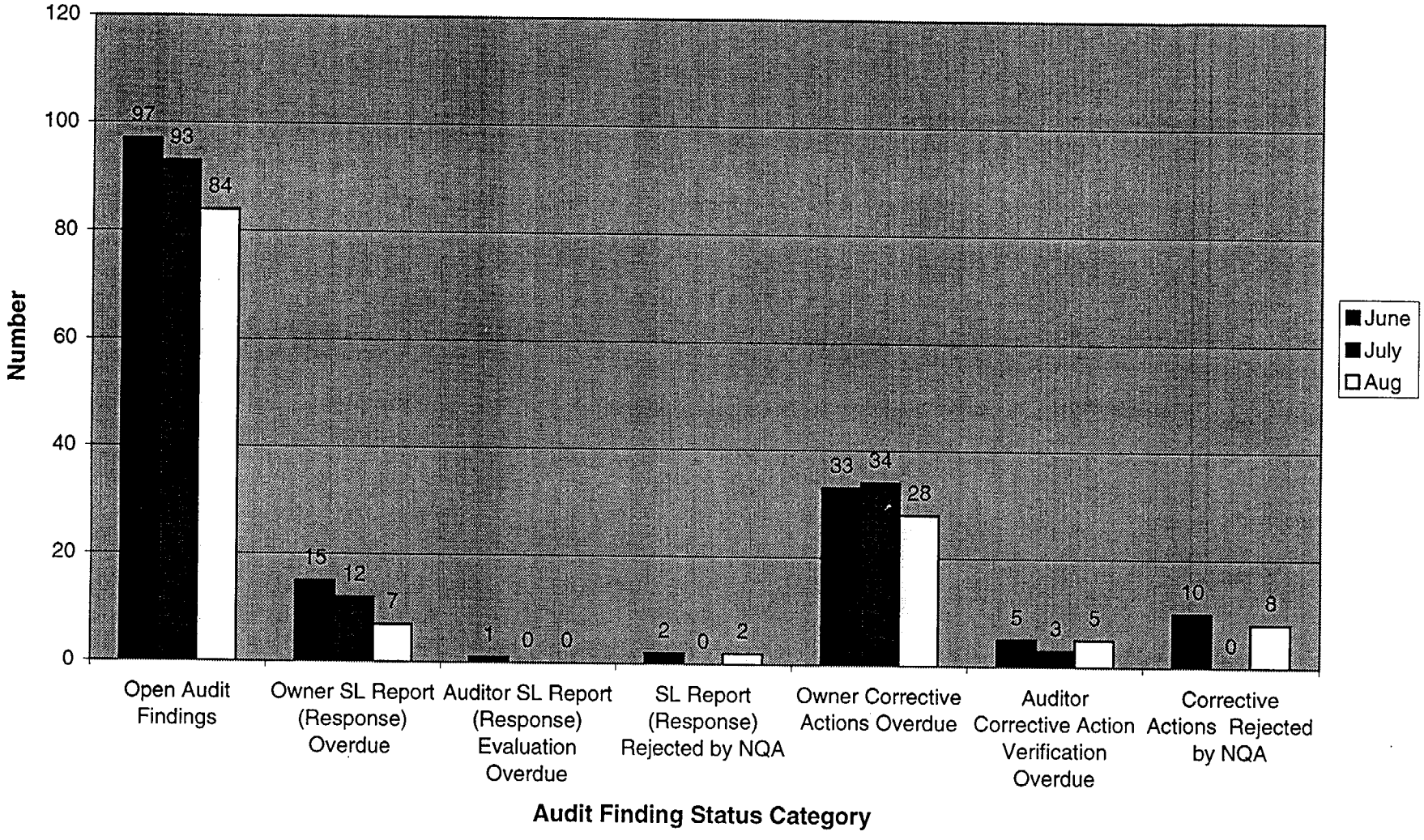


Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
SLs Open	104	98	118	104	94	92	82	95				
ICAs Open	173	163	162	157	149	146	139	138				
Total Open	277	261	280	261	243	238	221	233				

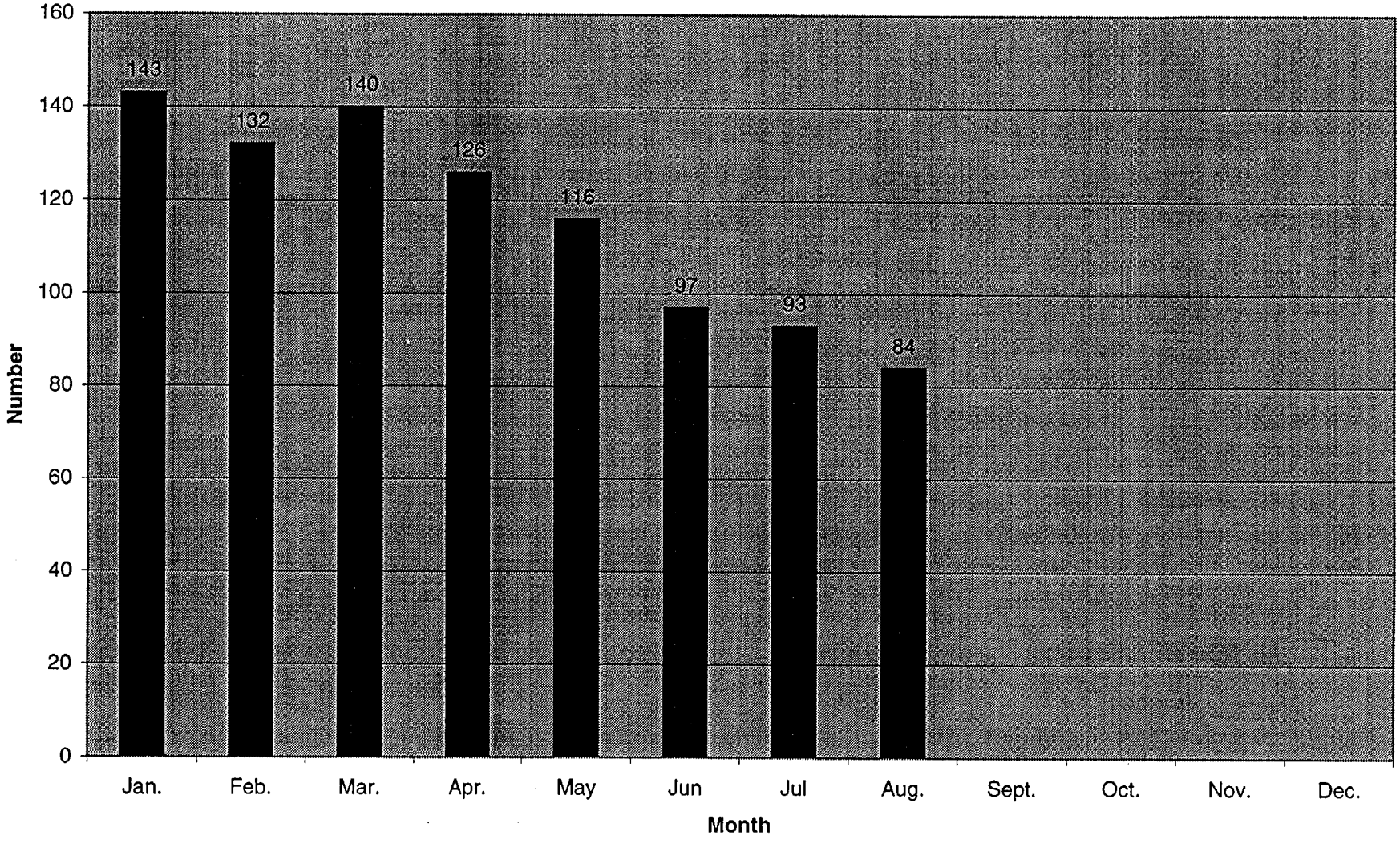
INDICATOR DESCRIPTION

Presents the number of SL and ICA Condition Reports opened and the total number of Condition Reports each month.

OPEN AUDIT FINDING STATUS
August, 2000

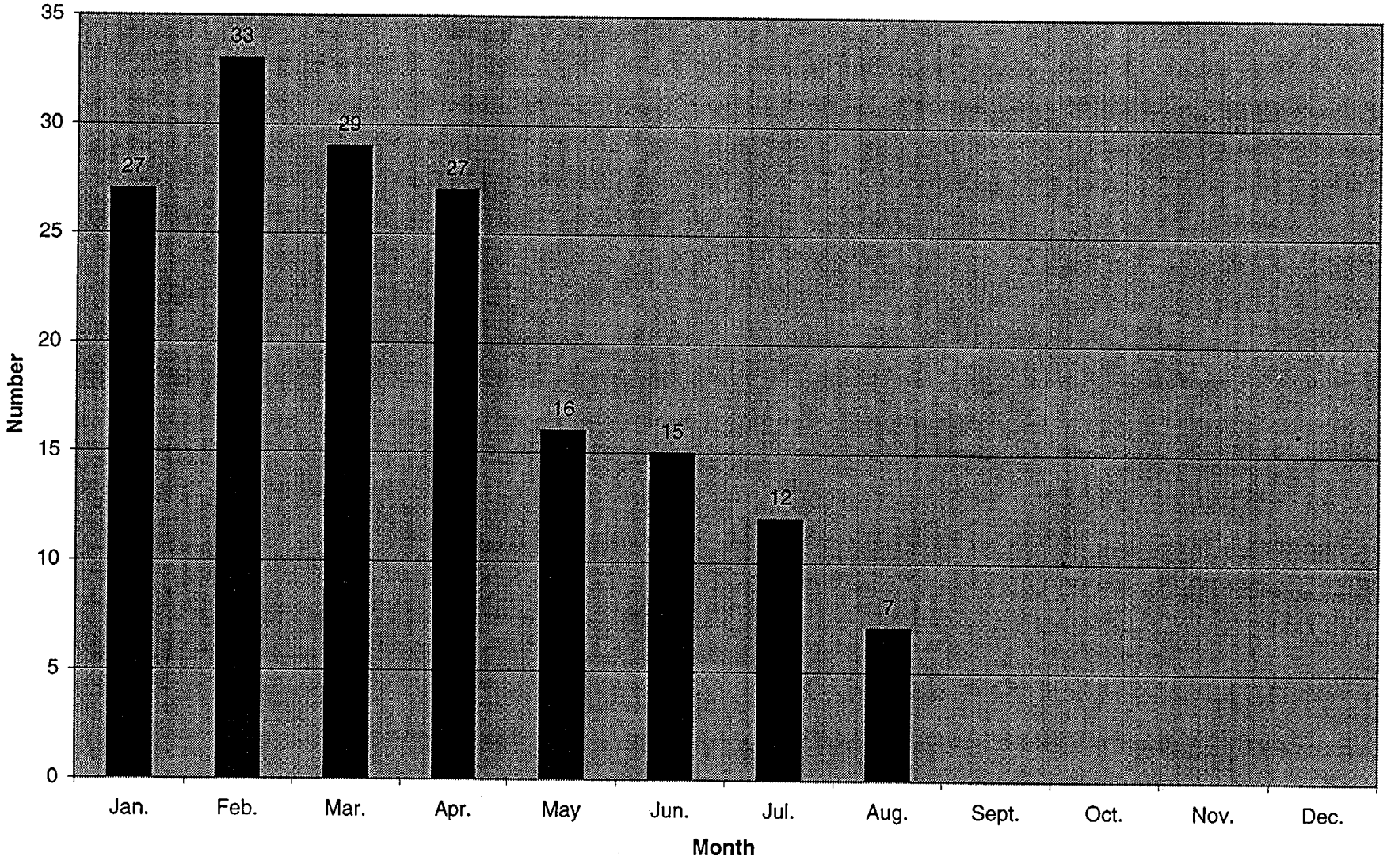


OPEN AUDIT FINDINGS
August, 2000

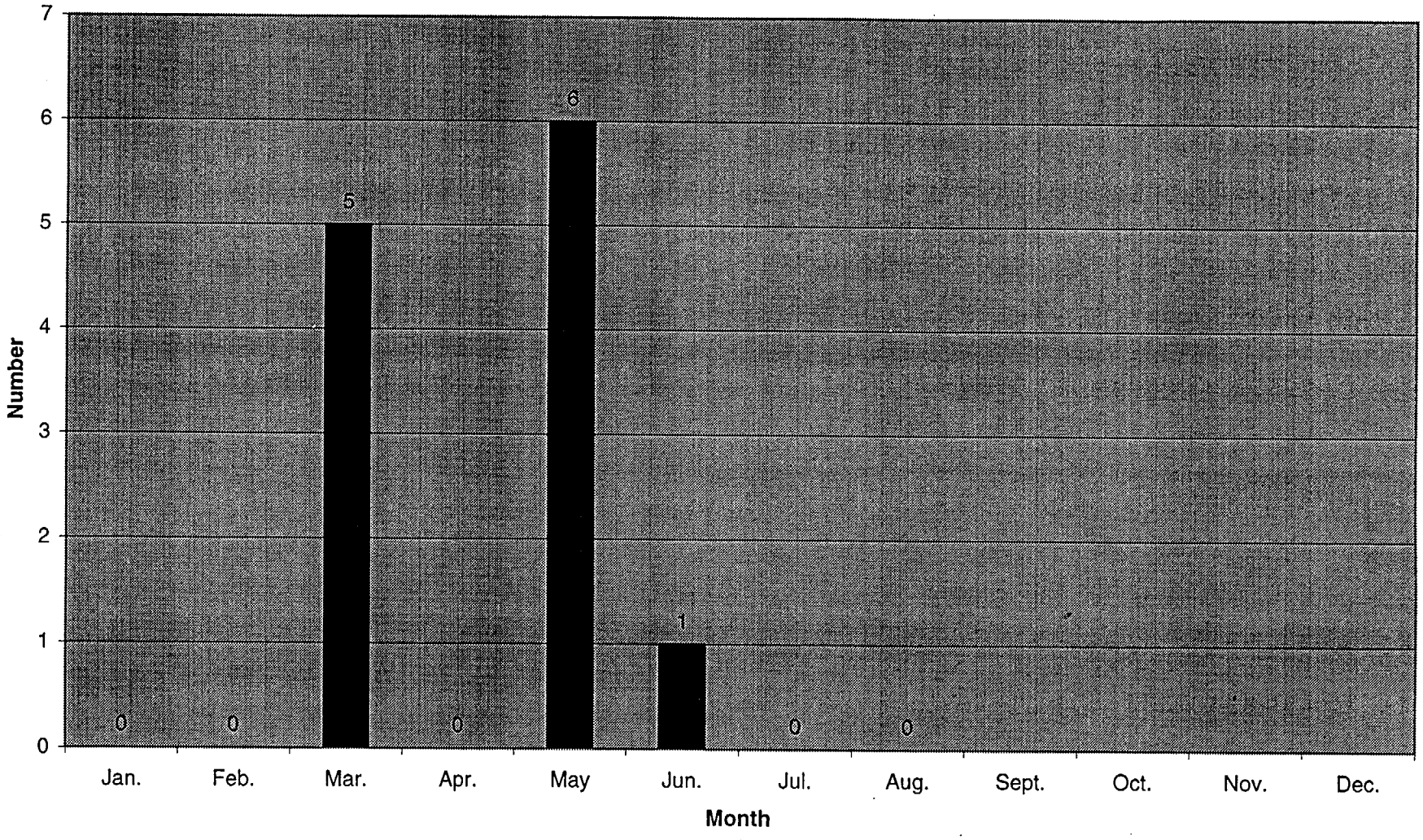


9/7/2000

OWNER SL REPORT (RESPONSE) OVERDUE

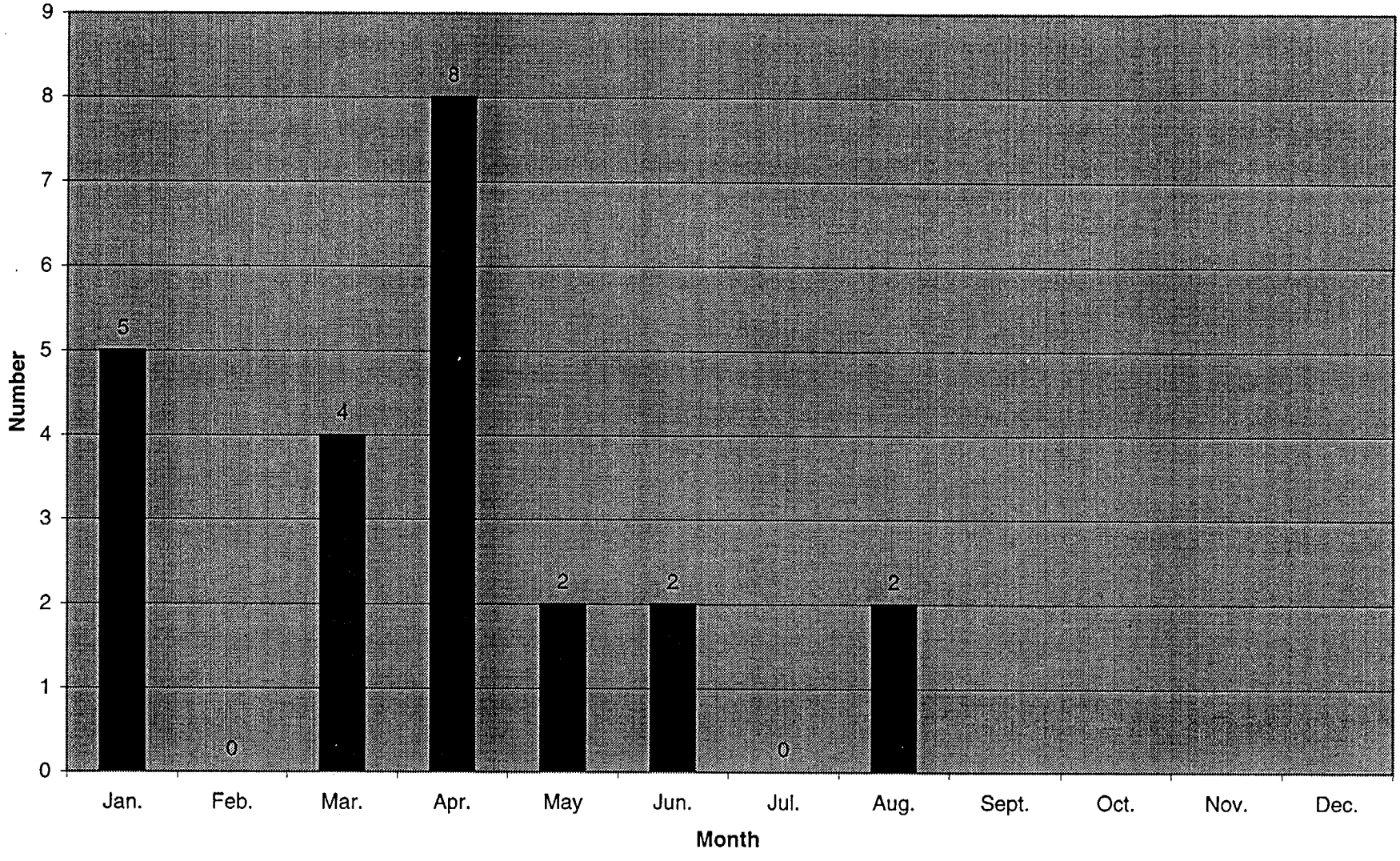


AUDITOR SL REPORT (RESPONSE) EVALUATION OVERDUE
August, 2000

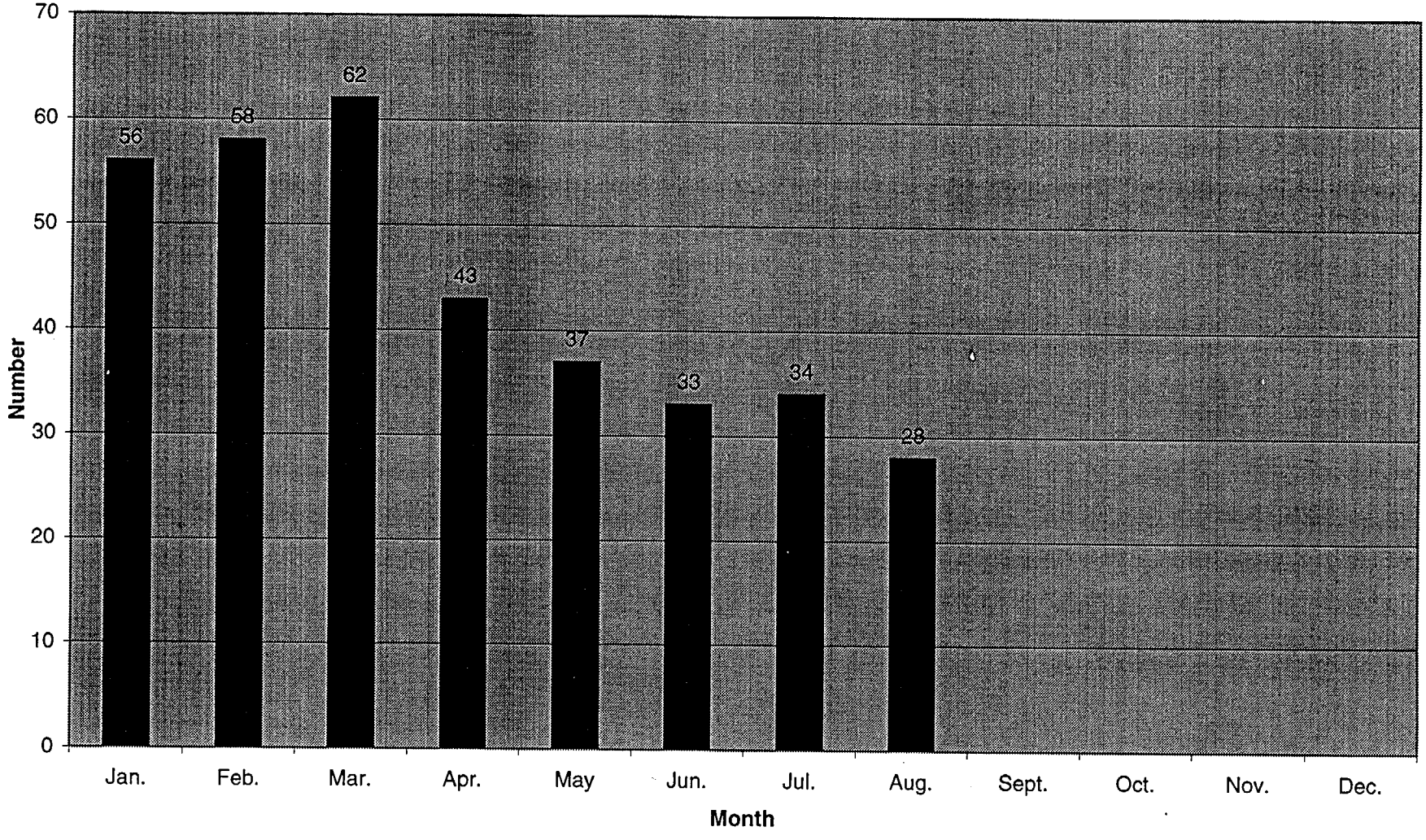


9/7/2000

SL REPORTS (RESPONSES) REJECTED BY NQA

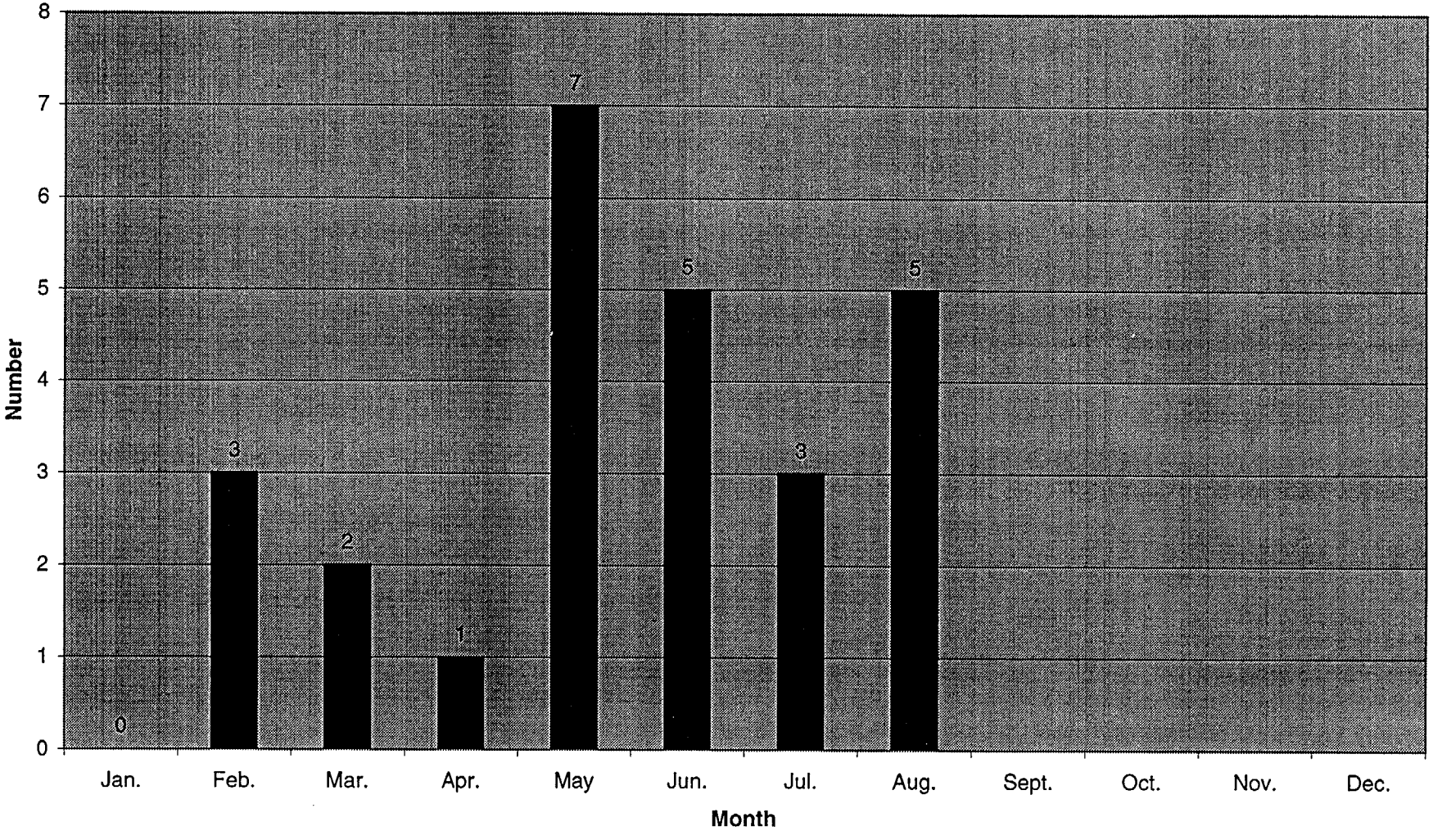


OWNER CORRECTIVE ACTION OVERDUE
August, 2000



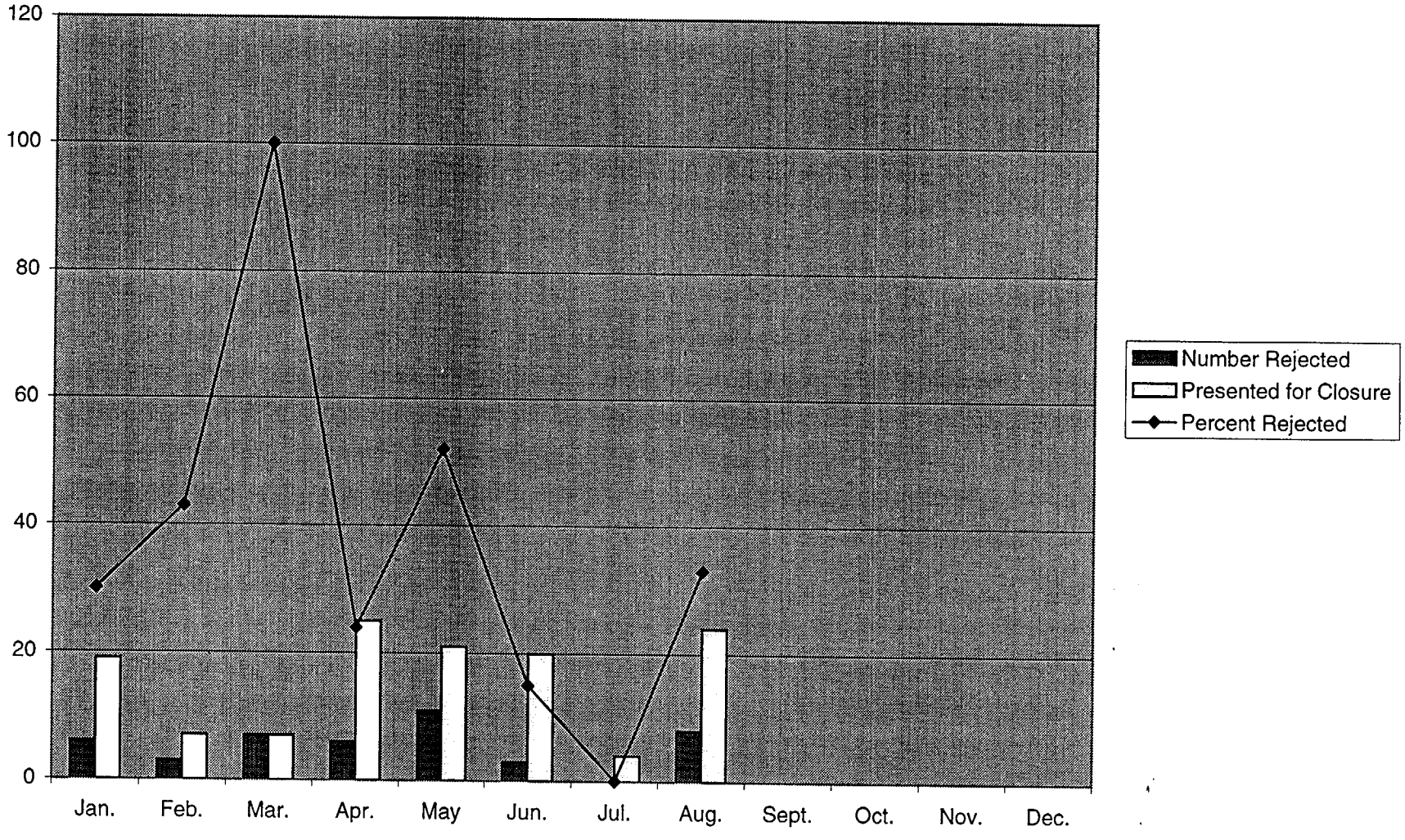
9/7/2000

AUDITOR CORRECTIVE ACTION VERIFICATION OVERDUE
August, 2000



9/7/2000

CORRECTIVE ACTION REJECTED REJECTED BY NQA - August, 2000



CORRECTIVE ACTION REJECTED REJECTED BY NQA - August, 2000