

MAY 23 1990

In Reply Refer To:
Docket: 50-382

Louisiana Power & Light Company
ATTN: J. G. Dewease, Senior Vice President
Nuclear Operations
P.O. Box 60340
New Orleans, Louisiana 70160

Gentlemen:

This refers to the meeting conducted at your request in the Region IV office on May 8, 1990. This meeting related to activities authorized by NRC License No. NPF-38 for Waterford Steam Electric Station, Unit 3, and was attended by those on the attached Attendance List.

The subjects discussed at this meeting are described in the enclosed Meeting Summary.

It is our opinion that this meeting was beneficial and has provided a better understanding of some of your present initiatives. In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the NRC's Public Document Room.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Projects

Enclosure:
Meeting Summary w/attachments

cc w/enclosure:
Louisiana Power & Light Company
ATTN: R. P. Barkhurst, Vice President
Nuclear Operations
P.O. Box B
Killona, Louisiana 70066

RIV:DRP/A *RM*
RPMullikin;df
5/23/90

C:DRP/A *TA*
TFWesterman
5/23/90

W:DRP
SNC611ins
5/23/90

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Louisiana Power & Light Company

-2-

Louisiana Power & Light Company
ATTN: J. R. McGaha, Jr., Plant Manager
P.O. Box B
Killona, Louisiana 70066

Louisiana Power & Light Company
ATTN: L. W. Laughlin, Site
Licensing Support Supervisor
P.O. Box B
Killona, Louisiana 70066

Louisiana Power & Light Company
ATTN: G. M. Davis, Manager, Events
Analysis Reporting & Response
P.O. Box B
Killona, Louisiana 70066

Monroe & Leman
ATTN: W. Malcolm Stevenson, Esq.
201 St. Charles Avenue, Suite 3300
New Orleans, Louisiana 70170-3300

Shaw, Pittman, Potts & Trowbridge
ATTN: Mr. E. Blake
2300 N Street, NW
Washington, D.C. 20037

Middle South Services, Inc.
ATTN: Ralph T. Lally, Manager
of Quality Assurance
P.O. Box 61000
New Orleans, Louisiana 70161

Chairman
Louisiana Public Service Commission
One American Place, Suite 1630
Baton Rouge, Louisiana 70825-1697

Louisiana Power & Light Company
ATTN: R. F. Burski, Manager, Nuclear
Safety and Regulatory Affairs
317 Baronne Street
New Orleans, Louisiana 70112

Department of Environmental Quality
ATTN: William H. Spell, Administrator
Nuclear Energy Division
P.O. Box 14690
Baton Rouge, Louisiana 70898

Louisiana Power & Light Company

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President, Police Jury
St. Charles Parish
Hahnville, Louisiana 70057

Mr. William A. Cross
Bethesda Licensing Office
3 Metro Center
Suite 610
Bethesda, Maryland 20814

U.S. Nuclear Regulatory Commission
ATTN: Resident Inspector
P.O. Box 822
Killona, Louisiana 70066

U.S. Nuclear Regulatory Commission
ATTN: Regional Administrator, Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

bcc to DMB (1E45)

bcc distrib. by RIV:
R. D. Martin
Section Chief (DRP/A)
DRSS-FRPS
Project Engineer (DRP/A)
RIV File
D. Wigginton, NRR Project Manager (MS: 13-D-18)

Resident Inspector
DRP
MIS System
RSTS Operator
DRS
Lisa Shea, RM/ALF

MEETING SUMMARY

Licensee: Louisiana Power & Light Company
Facility: Waterford Steam Electric Station, Unit 3 (Waterford 3)
License No.: NPF-38
Docket No.: 50-382
Subject: MANAGEMENT MEETING TO DISCUSS GENERAL ITEMS OF INTEREST AT
WATERFORD 3

On May 8, 1990, representatives met with Region IV personnel in Arlington, Texas, to discuss general items of interest at Waterford 3. The Attendance List and licensee presentation are attached to this summary.

Attachments:

1. Attendance List
2. Licensee Presentation (NRC distribution only)

ATTENDANCE LIST

Attendance at the management meeting between Louisiana Power & Light Company and NRC on May 8, 1990, in the Region IV office:

Louisiana Power & Light Company

D. C. Hintz, Group Vice President, Nuclear
R. P. Barkhurst, Vice President, Nuclear
R. F. Burski, Director, Nuclear Safety and Regulatory Affairs
J. R. McGaha, Plant Manager, Nuclear Operations
R. G. Azzarello, Manager, Nuclear Operations and Engineering
R. S. Starkey, Superintendent, Operations

NRC

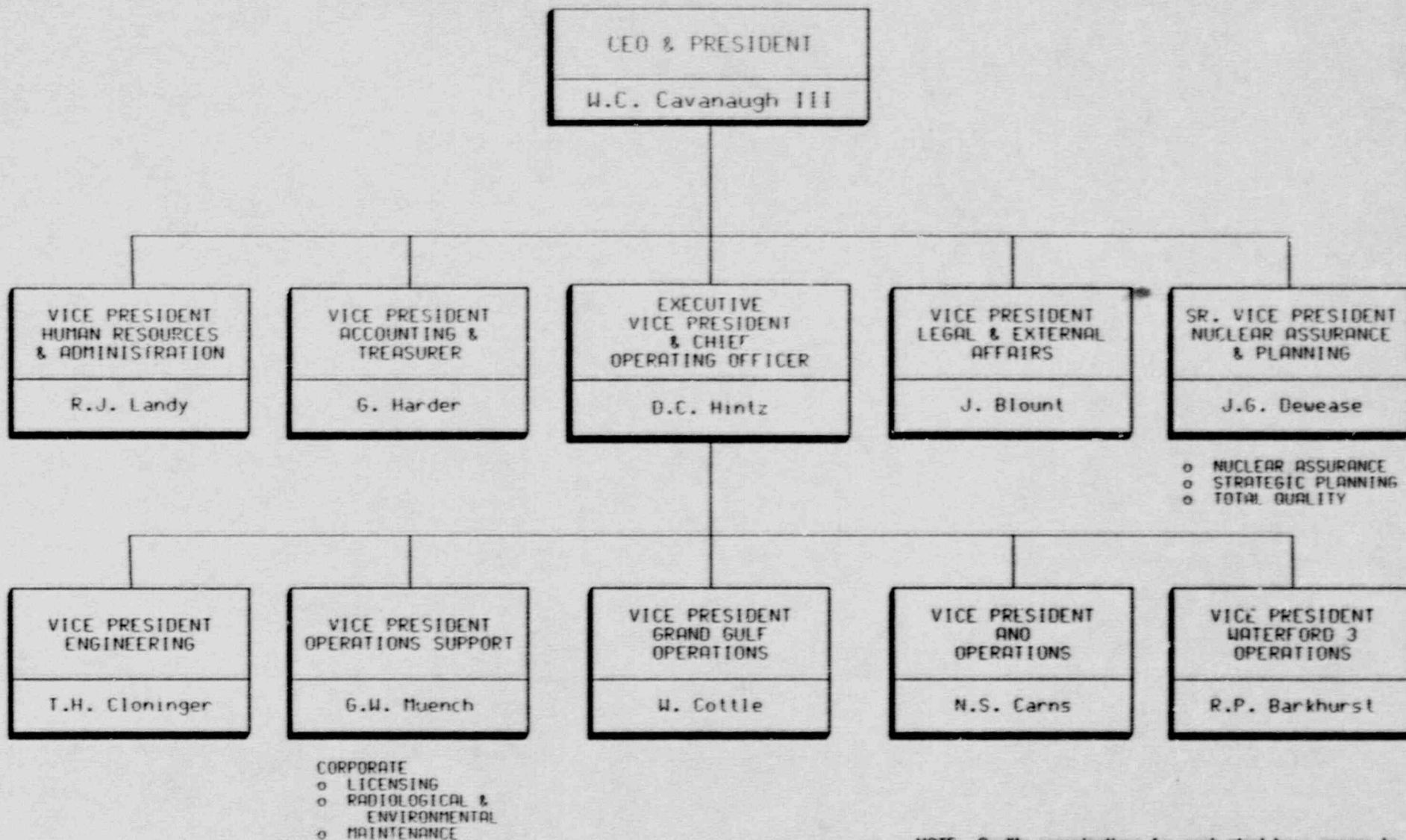
S. J. Collins, Director, Division of Reactor Projects (DRP)
L. J. Callan, Director, Division of Reactor Safety (DRS)
J. P. Jaudon, Deputy Director, DRS
T. F. Westerman, Chief, Project Section A, DRP
W. F. Smith, Senior Resident Inspector, DRP
R. P. Mullikin, Project Engineer, DRP

NRC VISIT

- INTRODUCTIONS
- EOI CONSOLIDATION STATUS
- MANAGEMENT CERTIFICATION
- CORRECTIVE ACTION PROGRAM
- PLANT OPERATIONS UPDATE
- PROFESSIONALISM
- PROCEDURE UPGRADE PROGRAM
- PROCEDURE COMPLIANCE
- SYSTEM ENGINEERING
- NUCLEAR OPERATIONS ENGINEERING

MAY 1990

PROPOSED ENTERGY OPERATIONS, INC. ORGANIZATION CHART



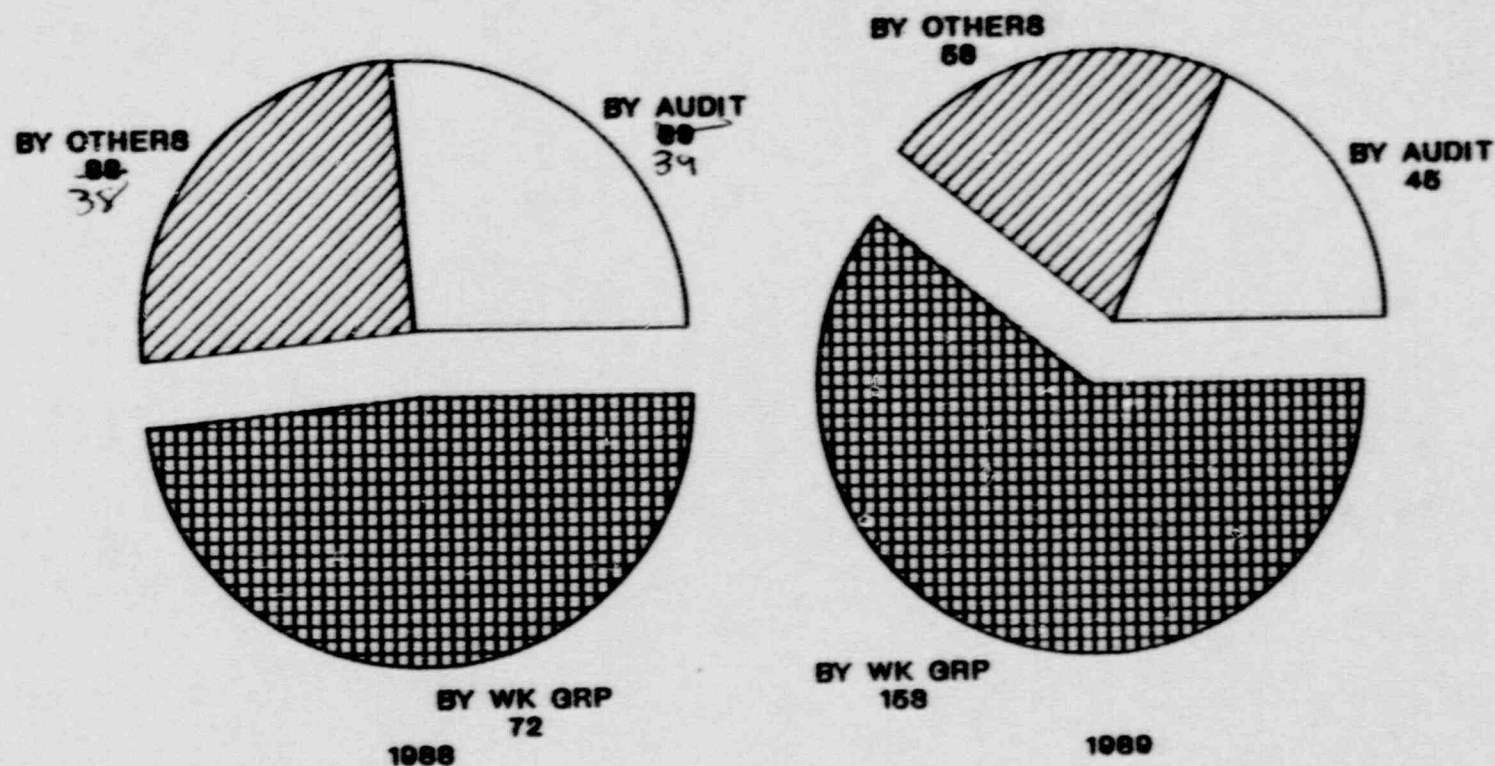
NOTE: Quality organizations for each plant have access to the President & CEO and the Executive Vice President and COO on matters related to Quality.

CORRECTIVE ACTION PROGRAM

- **NOP-005**
- **5-STEP PROCESS**
 - **IDENTIFICATION**
 - **PRIORITIZATION**
 - **ROOT CAUSE DETERMINATION**
 - **CORRECTIVE ACTION**
 - **TRACKING AND CLOSURE**
- **IMPLEMENTING MECHANISMS**
 - **POTENTIALLY REPORTABLE EVENT REPORTS (PREs)**
 - **QUALITY NOTICES (QNs)**
 - **SIGNIFICANT OCCURRENCE REPORTS (SORs)**
 - **RADIOLOGICAL DEFICIENCY REPORTS (RDRs)**
 - **NON CONFORMANCE IDENTIFICATION REPORTS (NCIs)**
 - **DISCREPANCY NOTICES (DNs)**
 - **NRC NOTICES OF VIOLATION (NOVs)**
 - **CORRECTIVE ACTION REPORTS (CARs)**
- **ROOT CAUSE DETERMINATION**
 - **ENHANCED PROCESS**
 - **TRAINED 240 PEOPLE/200 MORE THIS YEAR**
 - **CONTINUING TRAINING - ROOT CAUSE AND**
KEPNER TREGOE
 - **INPO RECOGNIZED**

CORRECTIVE ACTION PROGRAM

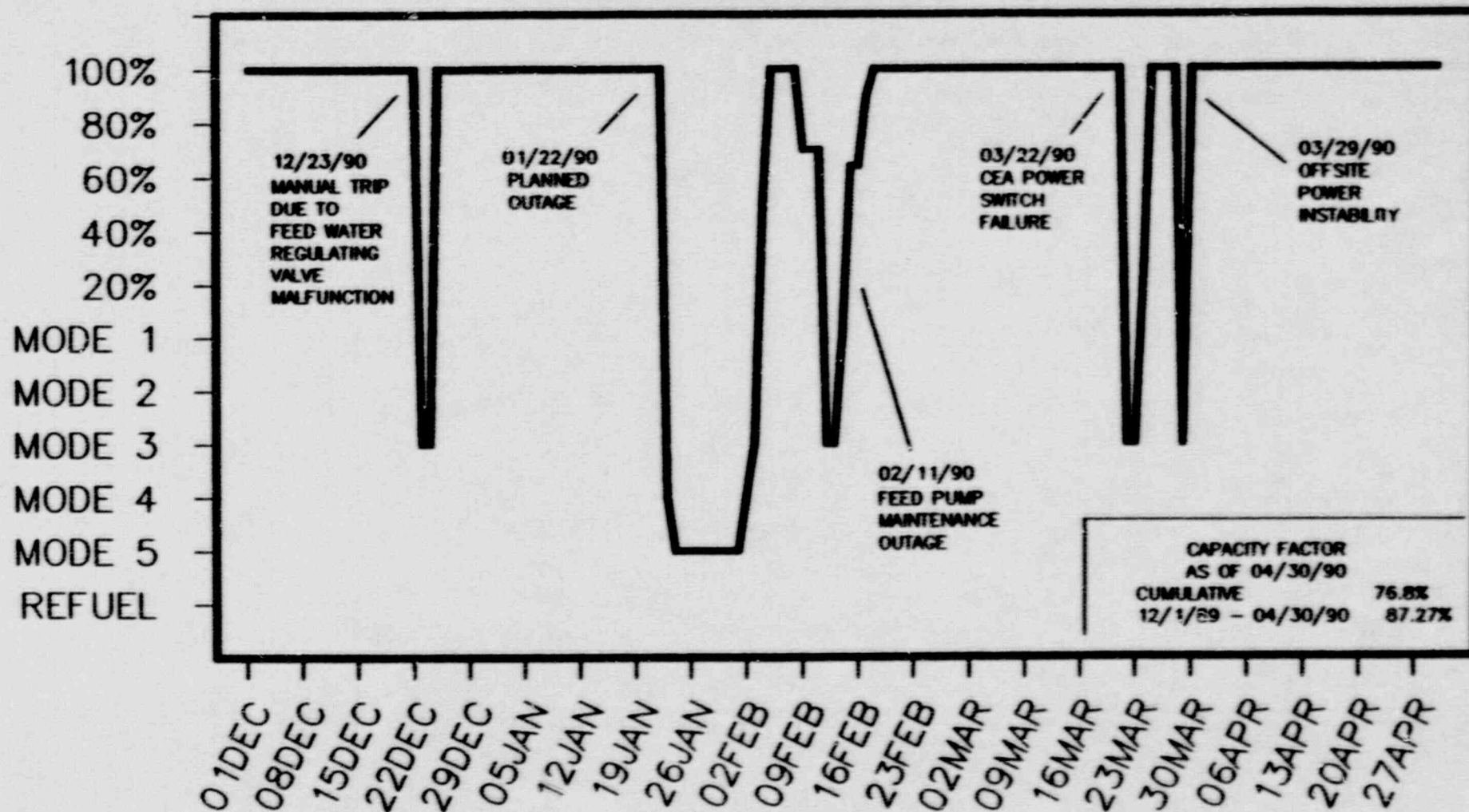
QUALITY NOTICES IDENTIFIED



WATERFORD 3 S.E.S.

OPERATION SUMMARY

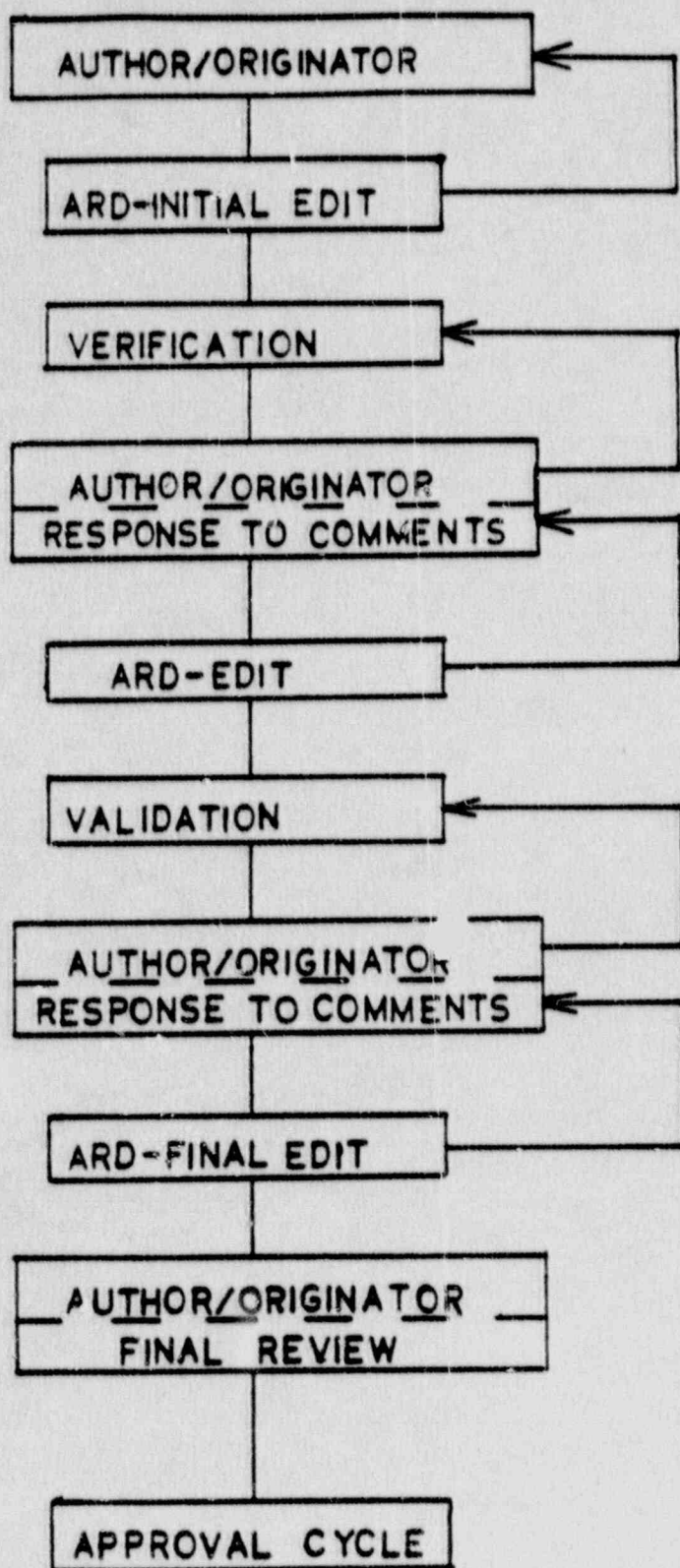
12/01/89 - 04/30/90



PROFESSIONALISM INITIATIVES

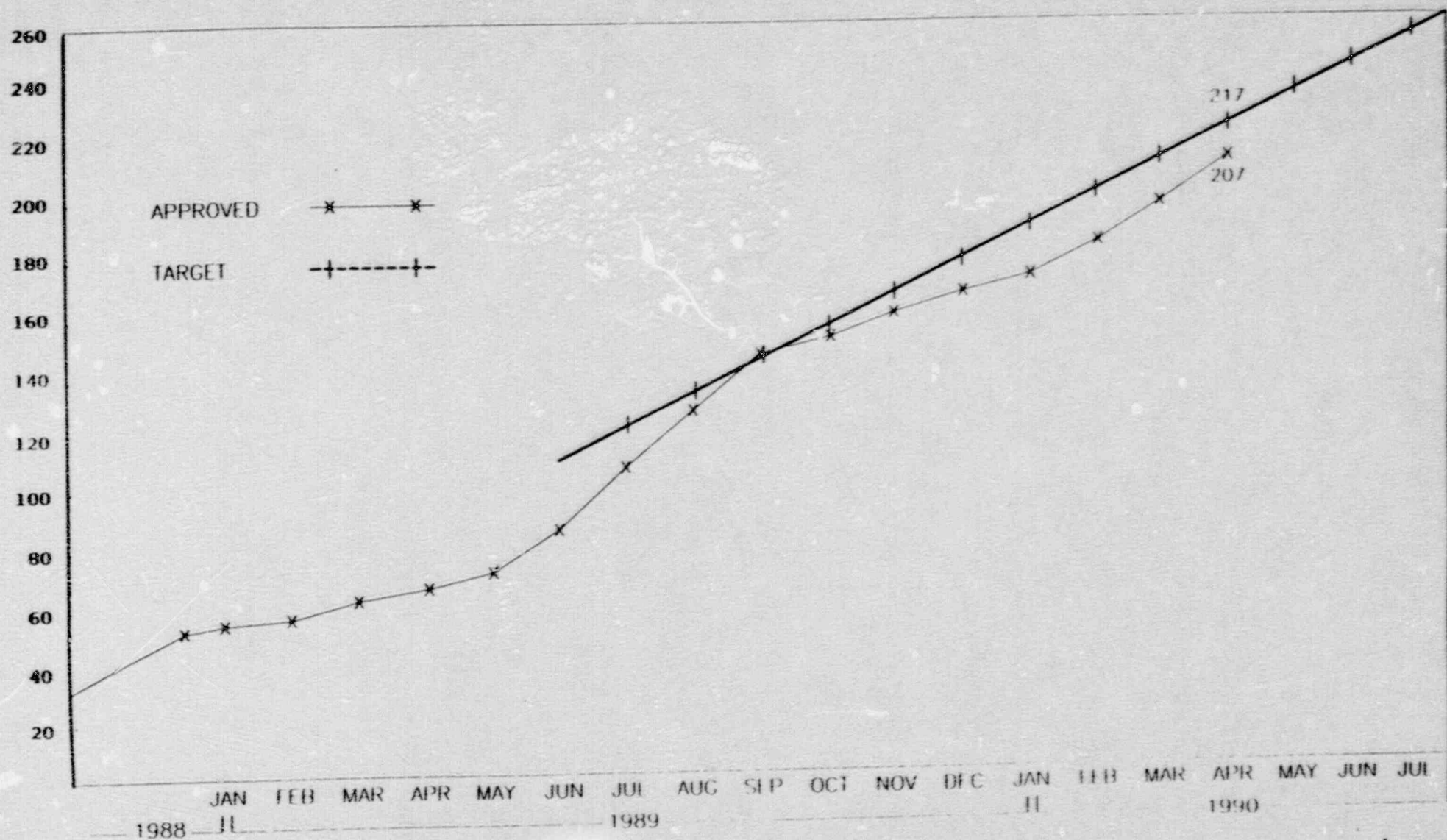
- ENTERGY CORPORATION "PRINCIPLES FOR MANAGING NUCLEAR PLANT PERSONNEL"
- VIDEO TAPE, "IMPORTANCE OF THE INDIVIDUAL"
- "CODES OF PROFESSIONALISM"
- MANAGEMENT SEMINARS
 - DEPARTMENTAL "TEAM BUILDING"
 - WORKSHOPS
 - SUPERVISOR SUPPERS
- SUCCESSION PLANNING
- TECHNICAL STAFF & MANAGERS TRAINING
- DRESS CODE
- "DEPARTMENT DAY" CONCEPT
- CONTINUING TRAINING
- ADVISORY GROUPS
- EMPLOYEE RECOGNITION AWARDS

SIMPLIFIED FLOW CHART-MAINTENANCE PROCEDURES

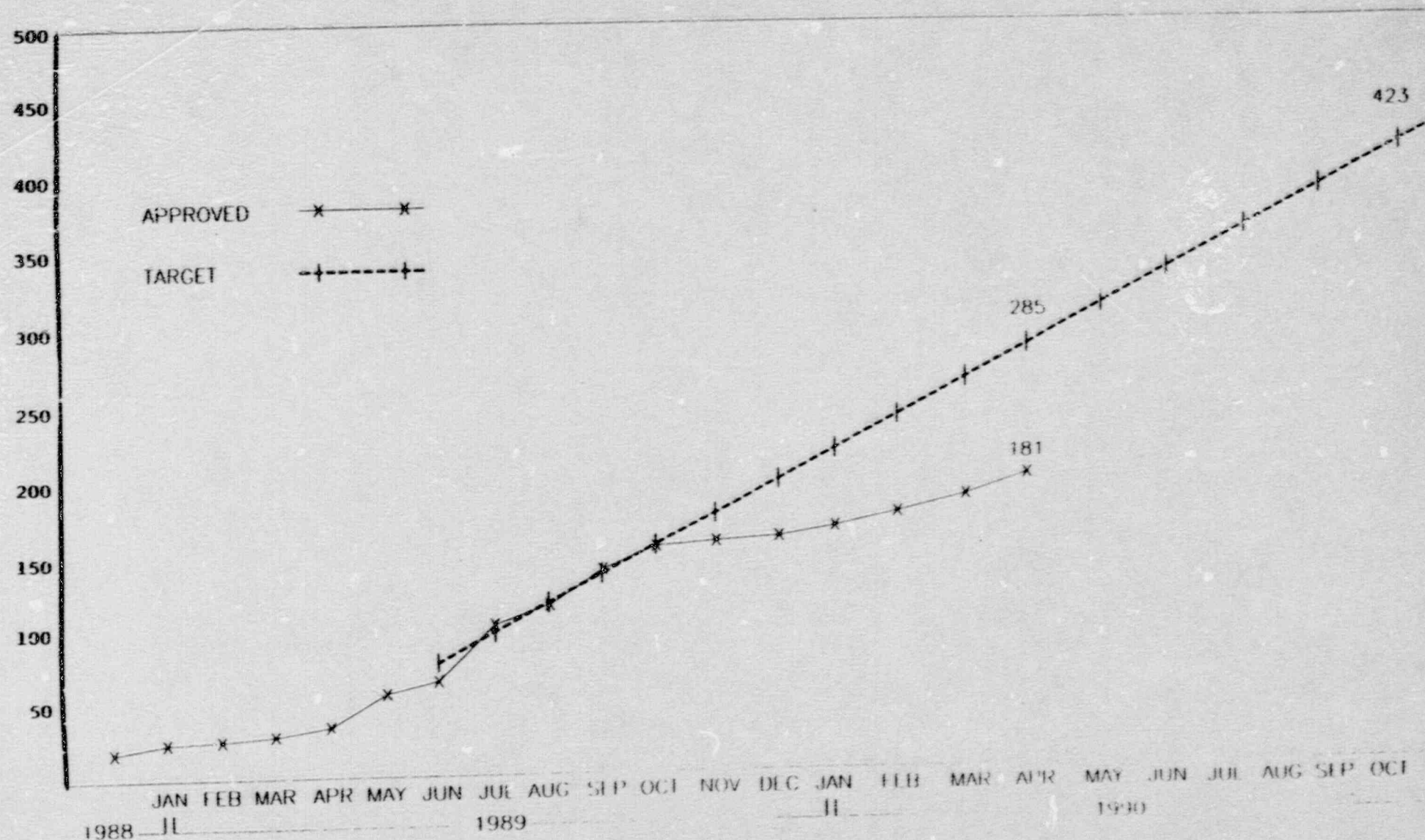


OPERATIONS PROCEDURES UPGRADE PROJECT

COMPLETION REPORT

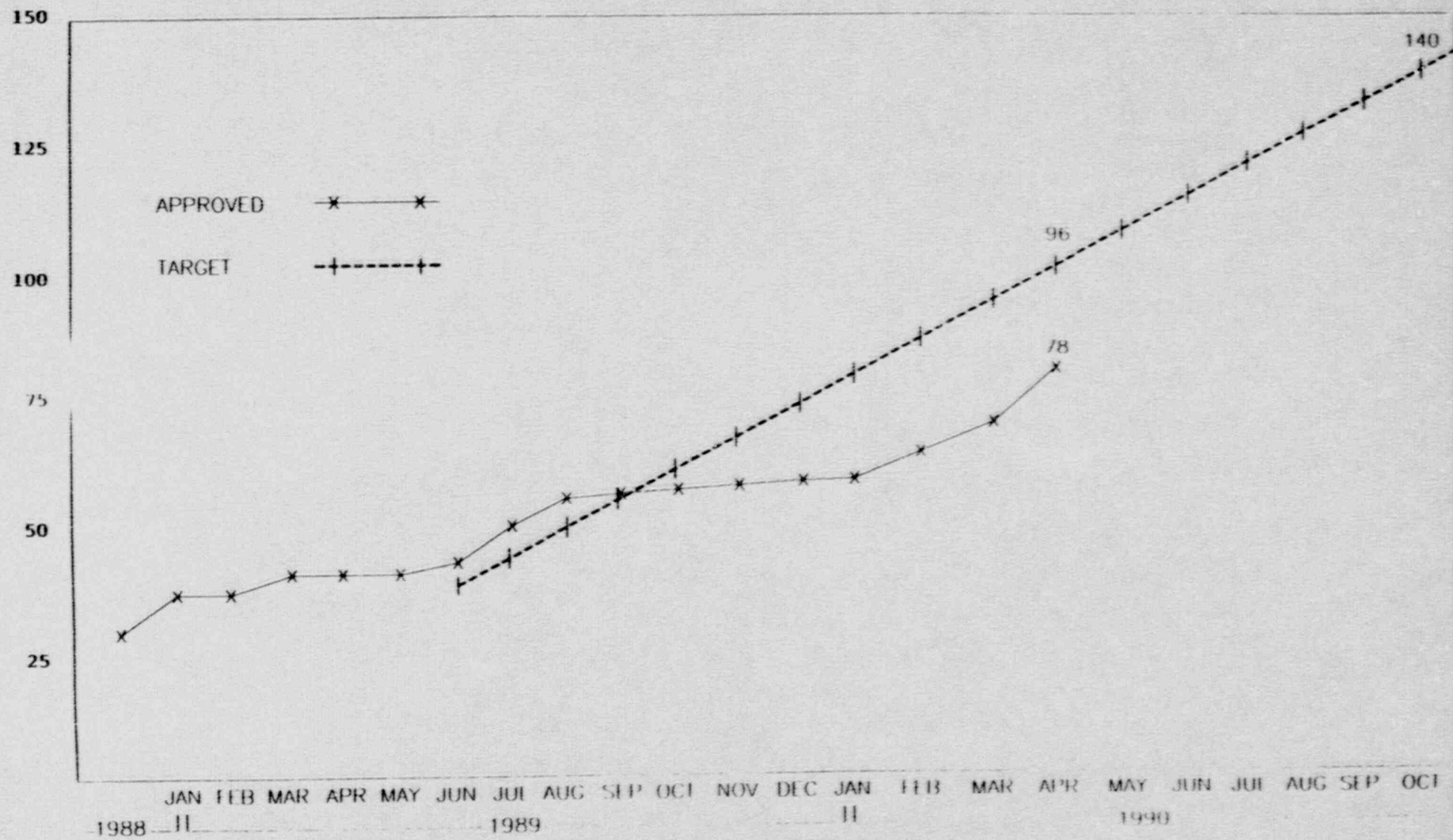


I & C MAINT. PROCEDURES UPGRADE PROJECT COMPLETION REPORT

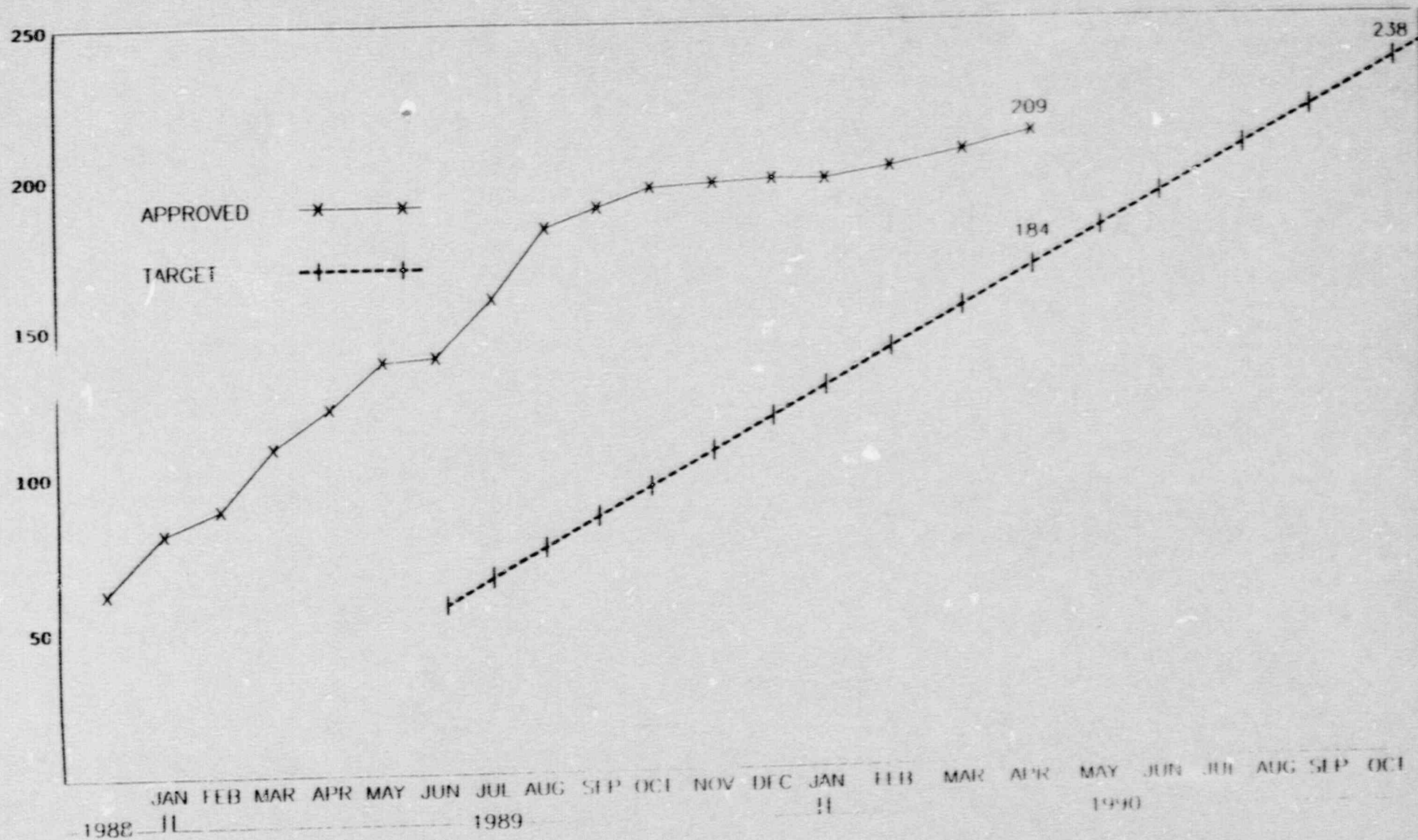


MECH. MAINT. PROCEDURES UPGRADE PROJECT

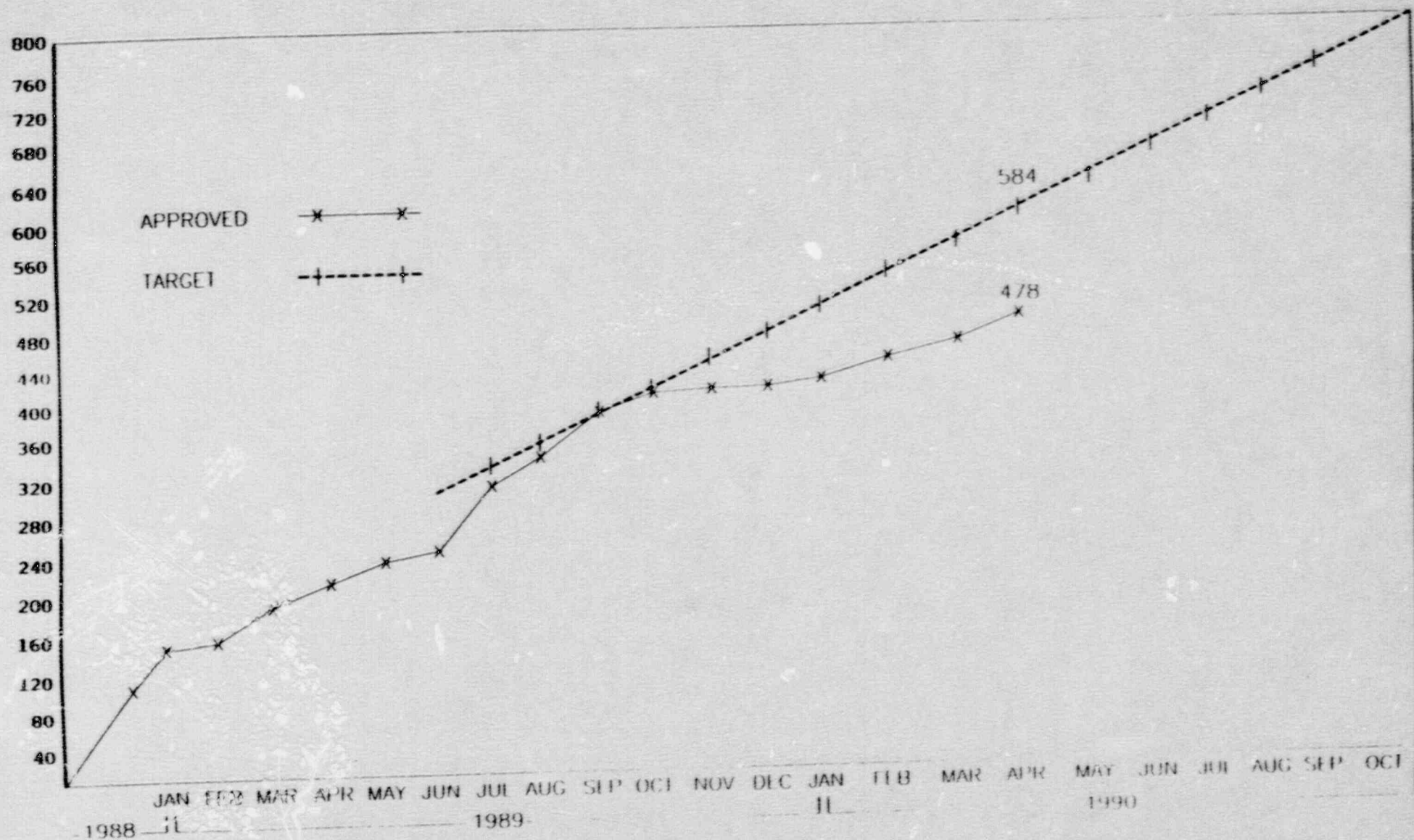
COMPLETION REPORT



ELEC. MAINT. PROCEDURES UPGRADE PROJECT COMPLETION REPORT



MAINTENANCE PROCEDURES UPGRADE PROJECT COMPLETION REPORT



PROCEDURE COMPLIANCE INITIATIVES

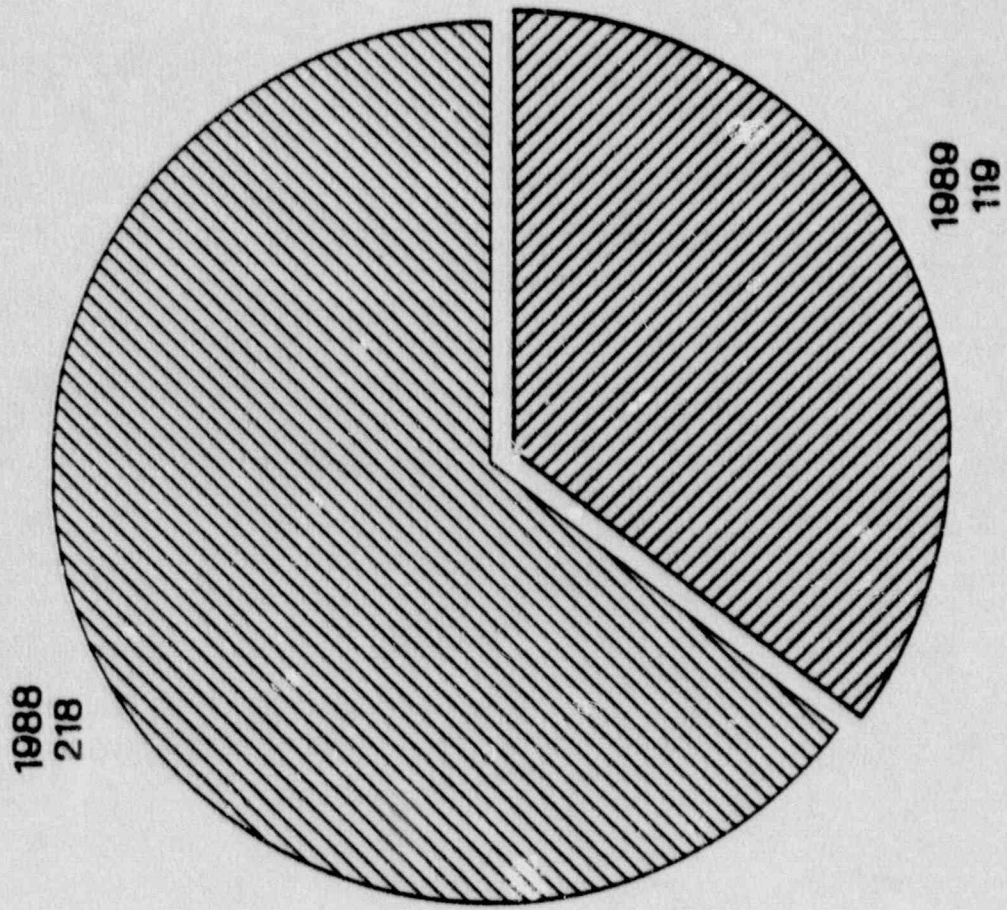
IMPROVING HUMAN PERFORMANCE

- EMPHASIZES ACCOUNTABILITY, MOTIVATION,
COUNSELLING AND PREVENTION OF RECURRENCE
- ELEMENTS INCLUDE THE FOLLOWING:
 - SUPERVISORY TRAINING SEMINARS
 - PERSONNEL COUNSELLING SESSIONS
 - REVIEW OF COUNSELLING DOCUMENTATION
BY SENIOR NUCLEAR OPERATIONS MANAGEMENT

PROCEDURE COMPLIANCE INITIATIVES

- OPERATION ZERO DEVIATION
- MANAGEMENT OBSERVATION PROGRAM
- PLANT MANAGEMENT DIRECTIVE
- OBSERVATION TRAINING
- TEAM BUILDING SESSIONS
- SUPERVISOR SUPPERS
- DISCIPLINARY ACTION

PROCEDURAL NONCOMPLIANCE

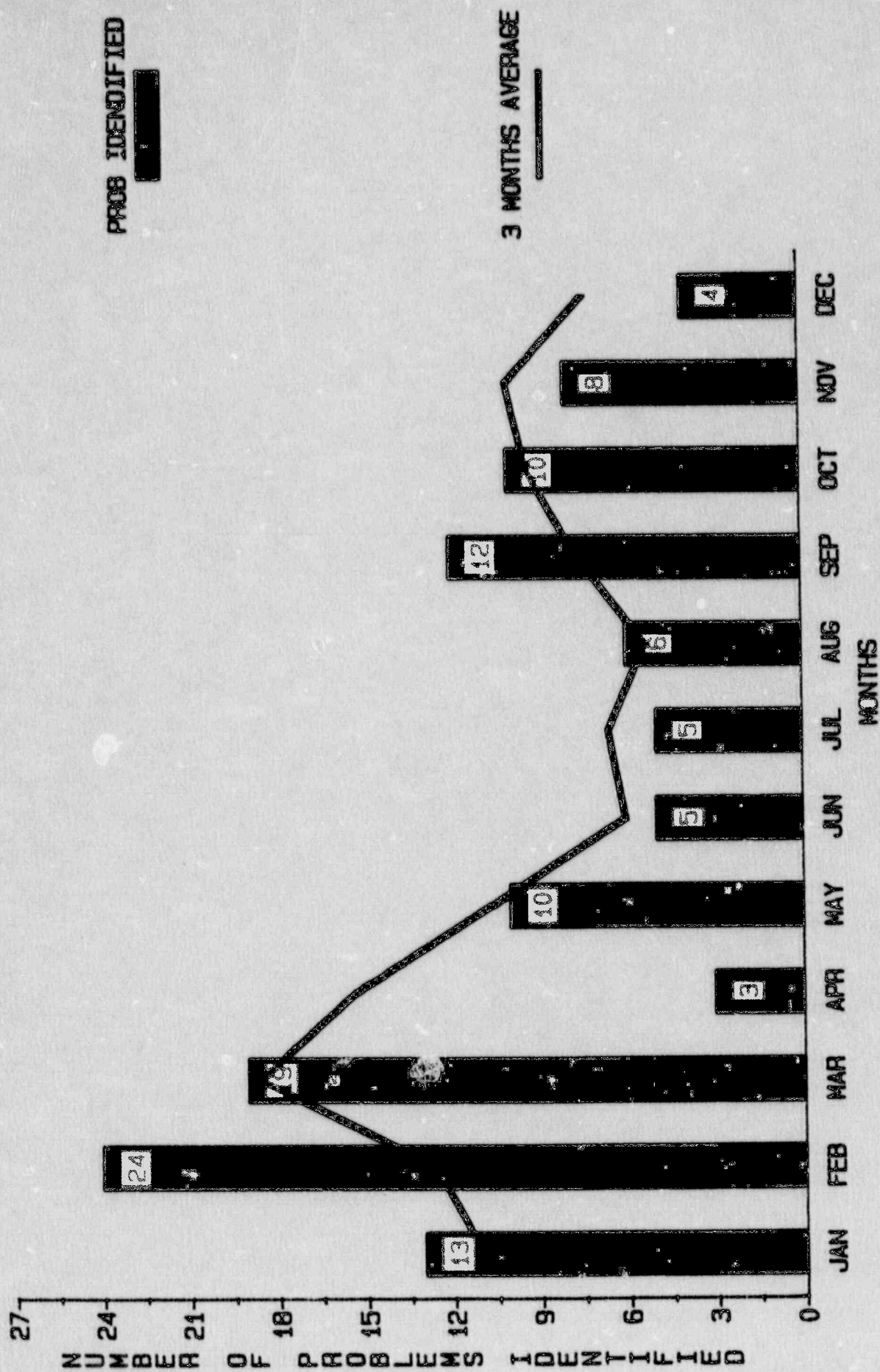


LICENSEE EVENT REPORT 1988 - 1989 REVIEW

EVENT	1988	1989
REACTOR TRIPS	4	3
MISSED SURVEILLANCES	7	9
CONSTRUCTION DEFICIENCIES	8	4
RADIOLOGICAL EVENTS	1	1
FIRE PROTECTION	4	0
INSTRUMENTATION PROBLEMS	5	1
ESF VENTILATION ACTUATIONS	3	3
SHUTDOWN REQ'S BY TECH SPEC	1	0
FIRE BARRIER DEFICIENCIES	1	0
10CFR PART 21	0	1
VOLUNTARY	0	1
OUTSIDE DESIGN BASIS	<u>0</u>	<u>1</u>
TOTAL LERs	34	24

CONTRIBUTING CAUSES	1988	1989
PERSONNEL ERRORS	16	8
INADEQUATE PROCEDURES	16	6
EQUIPMENT FAILURE	4	5
DESIGN	4	4
ADMINISTRATIVE CONTROLS	0	7

PROCEDURAL NONCOMPLIANCE 1989



SYSTEM ENGINEERING PROGRAM ORGANIZATION

- PLANT IS DIVIDED INTO 142 SYSTEMS
 - 26 SYSTEMS ASSIGNED TO OTHER DEPTS.

- 22 SYSTEM ENGINEERING POSITIONS IN TWO DEPARTMENTS (PRESENTLY ONE OPEN POSITION)
 - 11 POSITIONS IN MECHANICAL DEPT.
 - 11 POSITIONS IN ELECTRICAL/HVAC DEPT.

- APPROXIMATELY 5 SYSTEMS PER ENGINEER

- EXPERIENCE LEVEL OF 21 SYSTEM ENGINEERS:
 - ENGINEERING EXPERIENCE • 202 MANYEARS
 - NUCLEAR EXPERIENCE • 107 MANYEARS

SYSTEM ENGINEERING PROGRAM RESPONSIBILITIES

- EVALUATE SYSTEM PERFORMANCE
 - FREQUENT WALKDOWNS
 - TRENDING
 - SYSTEM HISTORY
 - RELIABILITY PROBLEMS
 - PLANT MANAGER PRESENTATIONS

- FOUNDATION OF TECHNICAL EXPERTISE
 - ASSIST IN DETERMINING SYSTEM OPERABILITY
 - ROOT CAUSE AND FAILURE ANALYSES
 - ASSIST MAINTENANCE
 - REVIEW TECH SPEC SURVEILLANCE RESULTS
 - PERFORM TECHNICAL REVIEWS
 - COORDINATE OUTAGE WORK ON ASSIGNED SYSTEMS

- STATION MODIFICATION PROCESS
 - INITIATE STATION MOD REQUESTS
 - REVIEW PROPOSED DESIGN CHANGES
 - PERFORM ACCEPTANCE TESTS

SYSTEM ENGINEERING PROGRAM TRAINING

- INITIAL ADMINISTRATIVE TRAINING
- SRO CLASS SIT-INS
- SELF TRAINING ON ASSIGNED SYSTEMS FOLLOWED BY "ORAL" EXAM
- IN-HOUSE CONTINUING TRAINING
- MAINTENANCE TRAINING
- VENDOR TRAINING
- SRO MANAGEMENT PLANT CERTIFICATION
- PARTICIPATION IN THE TECHNICAL STAFF AND MANAGER TRAINING PROGRAM (UNDER DEVELOPMENT)

EXCELLENCE IN ENGINEERING

- ENGINEERING SUPPORT OF PLANT OPERATIONS
- IMPLEMENTATION OF CAD SYSTEM
 - 27,520 DRAWINGS OVER 5 YEARS
 - 3,900 CONTROL ROOM DRAWINGS IN 1990
- DESIGN BASIS DOCUMENTATION PROGRAM
 - 13 COMPLETED
 - 9 SCHEDULED FOR COMPLETION IN 1990
- NEW ENGINEERING BUILDING