

Official copy

APR 22 1994

Docket Nos. 50-259, 50-260, 50-296
License Nos. DPR-33, DPR-52, DPR-68

Tennessee Valley Authority
ATTN: Mr. Oliver D. Kingsley, Jr.
President, TVA Nuclear and
Chief Nuclear Officer
64 Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Gentlemen:

SUBJECT: MANAGEMENT MEETING SUMMARY

On April 15, 1994, the NRC staff met at the Browns Ferry site with representatives of the Tennessee Valley Authority (TVA) management staff to discuss the status of Unit 3 and other issues at the site.

Enclosure 1 is a list of the individuals who attended the meeting and Enclosure 2 is the handout material supplied by TVA.

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 and its enclosures will be placed in the NRC Public Document Room.

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

Sincerely,

(Original signed by J. Johnson)

Jon R. Johnson, Director
Division of Reactor Projects

Enclosures:

1. List of Attendees
2. Presentation Notes

cc w/encls: (See page 2)

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9405170026 940422
PDR ADOCK 05000259
P PDR

DEYS

APR 22 1994

Tennessee Valley Authority

2

cc w/encls:

Mr. C. Crowell, Chairman
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. W. H. Kennoy, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. Johnny Hayes, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. D. E. Nunn, Vice President
Nuclear Projects
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. O. J. Zeringue, Senior Vice
President, Nuclear Operations
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
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Mr. B. D. Schofield, Manager
Nuclear Licensing and
Regulatory Affairs
4G Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

General Counsel
Tennessee Valley Authority
ET 11H
400 West Summit Hill Drive
Knoxville, TN 37902

TVA Representative
Rockville Office
11921 Rockville Pike
Suite 402
Rockville, MD 20852

Chairman, Limestone County
Commission
P. O. Box 188
Athens, AL 35611

State Health Officer
Alabama Department of Public
Health
434 Monroe Street
Montgomery, AL 36310

Mr. Kirksey E. Whatley, Director
Division of Radiation Control
Alabama Department of Public Health
Montgomery, AL 36310

Mr. Pedro Salas
Site Licensing Manager
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
Decatur, AL 35602

Mr. T. D. Shriver
Site Quality Manager
Browns Ferry Nuclear Plant
Tennessee Valley Authority
P. O. Box 2000
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bcc w/encl: (See page 3)

APR 22 1994

Tennessee Valley Authority

3

bcc w/encls:

J. R. Johnson, RII
G. C. Lainas, NRR
F. J. Hebdon, NRR
J. F. Williams, NRR
D. C. Trimble, NRR
NRC Document Control Desk

NRC Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Route 12, Box 637
Athens, AL 35611

DRP/RII
MS
SSparks:vyg
04/22/94

DRP/RII
MS
MLesser
04/22/94

ENCLOSURE 1

LIST OF ATTENDEES

NRC

S. D. Ebnetter, Regional Administrator, Region II (RII)
J. P. Jaudon, Acting Deputy Director, DRP, RII
C. A. Patterson, Senior Resident Inspector, DRP, RII
R. A. Musser, Resident Inspector, DRP, RII
J. F. Williams, Project Manager, Project Directorate II-4, NRR
K. M. Clark, Public Affairs, RII

TVA

O. Kingsley, Jr, President, TVA Nuclear and Chief Nuclear Officer
M. Medford, Vice President, Technical Support
O. Zeringue, Senior Vice President, Nuclear Operations
R. Machon, Site Vice President
G. Preston, Plant Manager
J. Rupert, Engineering and Modifications Manager
T. Shriver, Licensing and Quality Assurance Manager
D. Nye, Recovery Manager
Operations Manager
J. Brazell, Site Security Manager
D. Stinson, Recovery Manager
C. Crane, Maintenance Manager
P. Salas, Licensing Manager
R. Baron, General Manager, Nuclear Assurance
J. Maddox, Engineering Manager
B. Kinney, Manager, Energy Information
C. Kelley, Manager, Protective Services
C. Beasley, Public Relations

OTHERS

R. Dunnavan, Jr, The Birmingham News

ENCLOSURE 2

TVA/NRC Management Meeting

Nuclear Regulatory Commission
Regional Administrator Briefing

April 15, 1994



**TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT**

TVA/NRC MANAGEMENT MEETING

APRIL 15, 1994

AGENDA

- | | | |
|-------|--|---------------|
| I. | INTRODUCTION | R. D. MACHON |
| II. | ORGANIZATIONAL CHANGES | R. D. MACHON |
| III. | UNIT 2 PERFORMANCE | E. PRESTON |
| IV. | PREPARATIONS FOR UNIT 2
REFUELING OUTAGE | E. PRESTON |
| V. | UNIT 3 STATUS | K. D. STINSON |
| VI. | UNIT 3 ACTIVITIES REQUIRING ENTRY
INTO A UNIT 2 LCO | E. PRESTON |
| VII. | SECURITY UPGRADE | D. T. NYE |
| VIII. | LICENSING ACTIVITIES FOR UNIT 3
RECOVERY | P. SALAS |
| IX. | CONCLUSION/DISCUSSION | R. D. MACHON |

I. INTRODUCTION

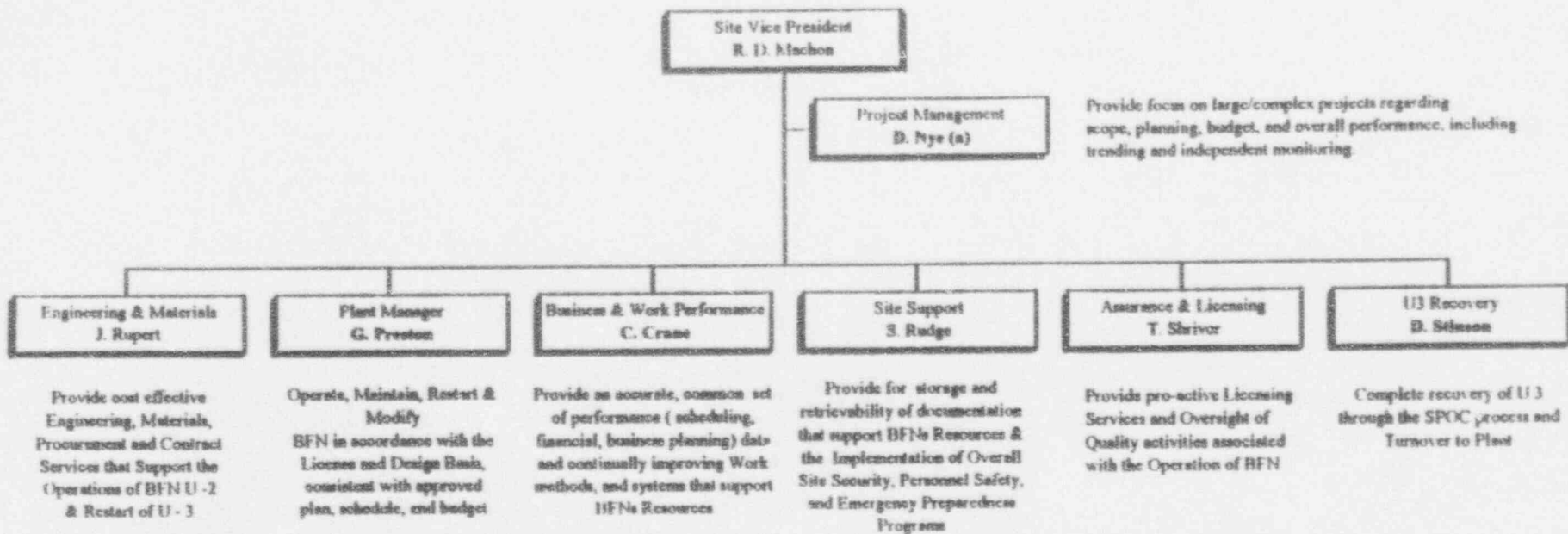
Meeting Objectives

- Provide Overview of the Changes That Have Occurred in the BFN Management Organization
- Summarize Unit 2 Performance During the Current Operating Cycle
- Provide An Overview of the Upcoming Unit 2, Cycle 7 Refueling Outage
- Focus on the Unit 2 Refueling Outage and Schedule For Unit 3 Restart
- Provide an Overview of the Unit 2 Limiting Conditions For Operation That Must Be Entered In Order to Perform Unit 3 Recovery Work
- Status the Plant Security System Upgrade
- Summary of Licensing Activities Required For Unit 3 Restart

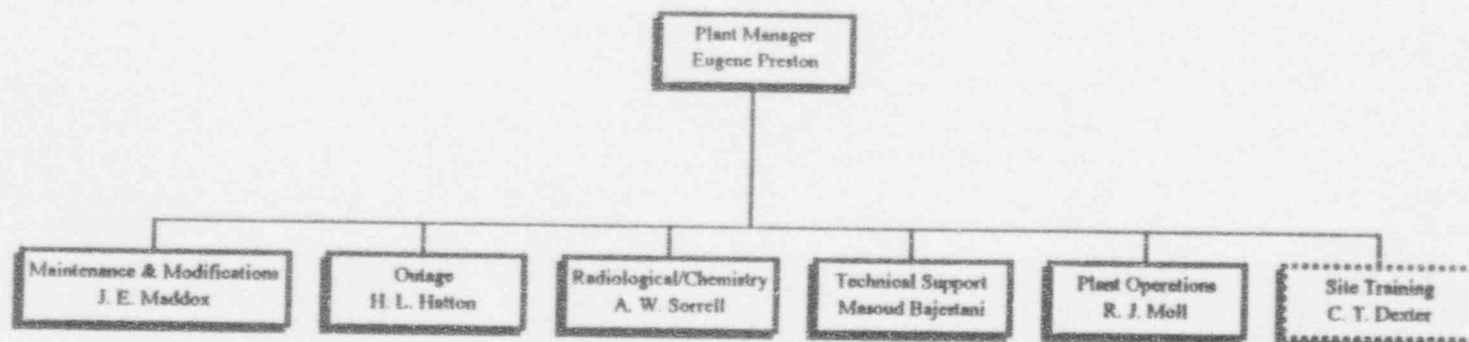
II. ORGANIZATIONAL CHANGES

- **BFN is Assembling an Organization That is Consistent with BFN's Priorities**
 - **Allow Continued Increasing Performance Trends for Unit 2, and Maintain Safe Operation of Unit 2**
 - **Establish a Unit 3 Recovery Group That Will Provide the Necessary Undiluted Attention to Complete Unit 3 Recovery**
 - **Formulate a Business and Work Performance Group That Will Move BFN Towards Becoming More Competitive**

BROWNS FERRY SITE VICE PRESIDENT ORGANIZATION



Browns Ferry Plant Manager Organization



Responsible for electrical, mechanical, & I&C maintenance on plant equipment, planning & writing procedures, developing various programs, major outage work, U2 modifications, maintaining site facilities, grounds, tool room, custodial services

Responsible for detailed focus on outage pre-planning, refueling outage scope control, minimal outage duration, meeting all outage commitments & requirements, establishing and tracking pre-outage milestones, planning and coordinating all pre-outage & outage activities

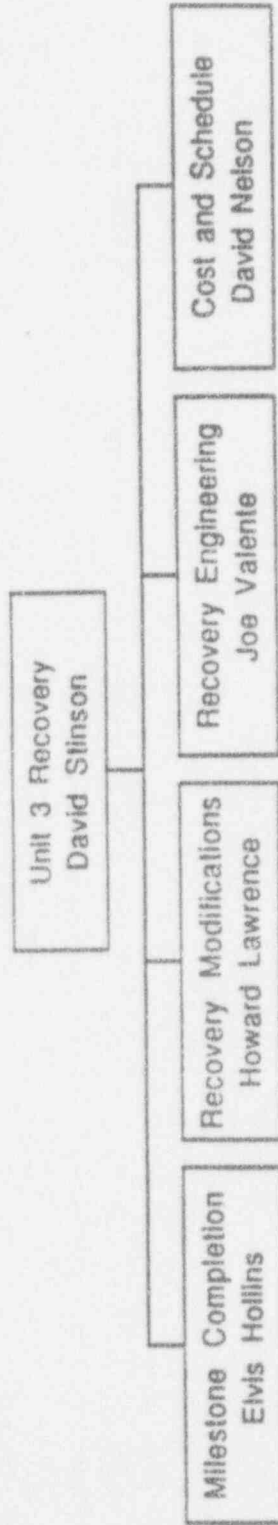
Responsible for Radwaste, ALARA, radiological field operations, dosimetry instrumentation, environmental program, chemistry, area decontamination

Responsible for balance of plant systems, NSSS systems, reactor engineering and recovery, electrical & I&C systems, 50.59 program, PORC procedure, conduct of testing, post mod testing

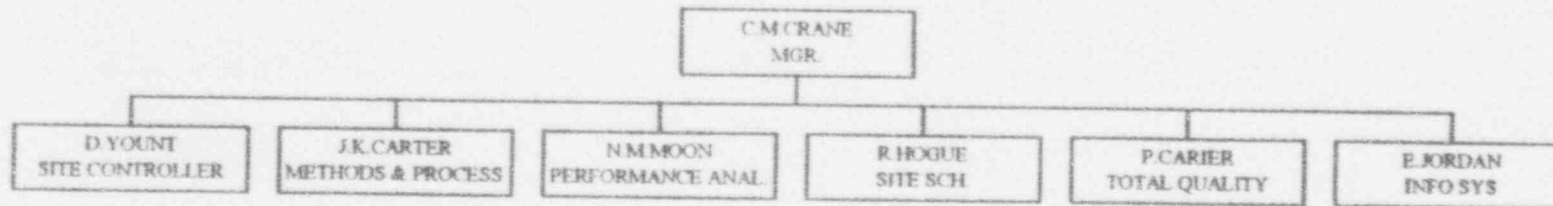
Responsible for operation of plant, directing plant startups & shutdown, adequate number of qualified operators & supervisors available for duties, all fire protection activities, integrated daily work schedule

Responsible for GET, technical training program, maintenance training programs, training procedures, simulator certification, operations training programs, notification & scheduling

Browns Ferry
Unit 3 Recovery Organization



Browns Ferry
Business And Performance Organization

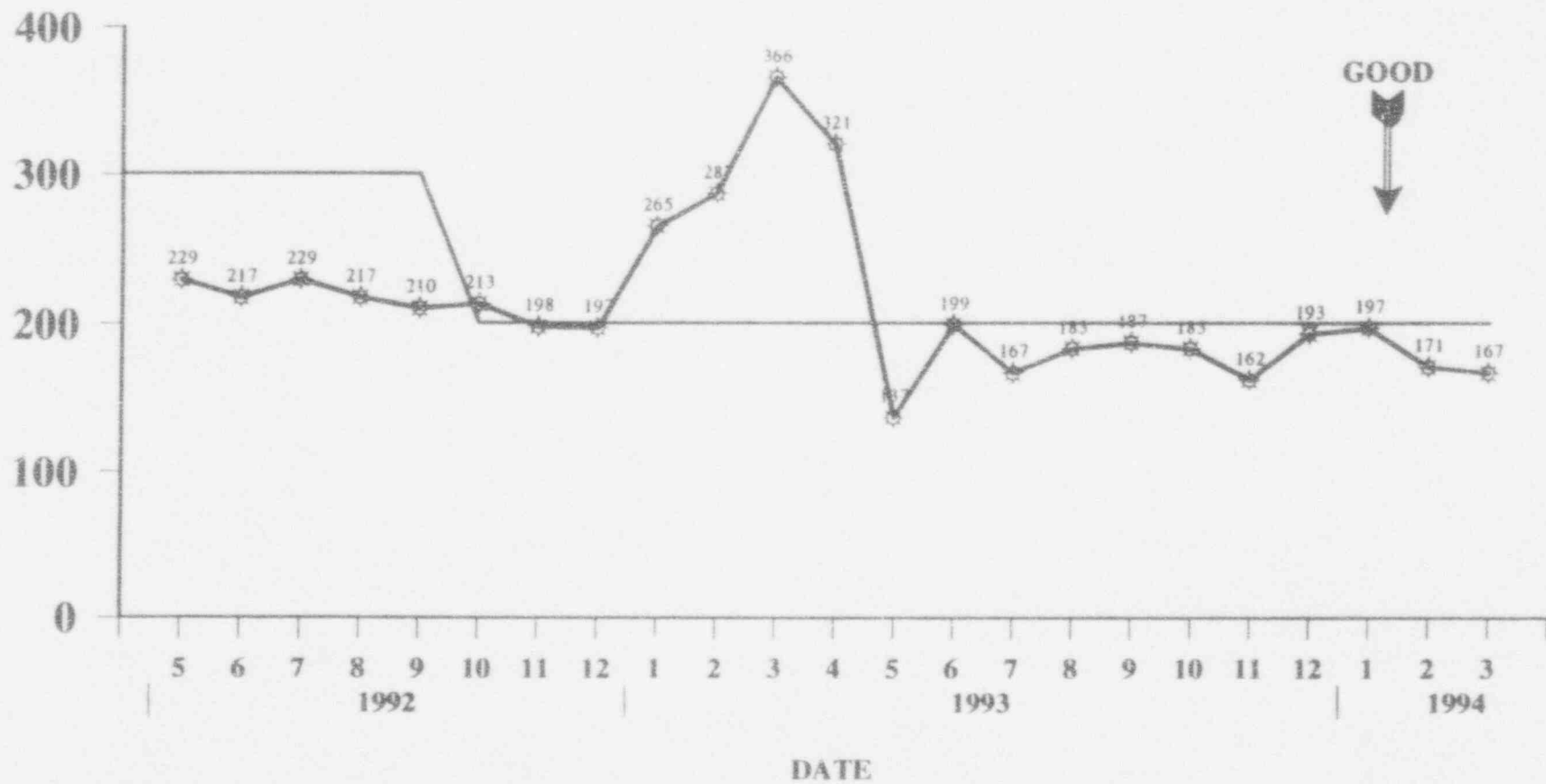




III. UNIT 2 PERFORMANCE

- High Availability Factor and Capability Factor
- Material Condition of Unit 2 After Long Continuous Operating Period
 - Drywell Leakrate
 - Major Repairs During Power Operation
- Equipment Challenges After Long Continuous Operating Period
 - Nuisance Alarms
 - Instrumentation Out of Service
 - Equipment Out of Service
- Performance Indicators

BROWNS FERRY NUCLEAR PLANT

Corrective Maintenance Backlog

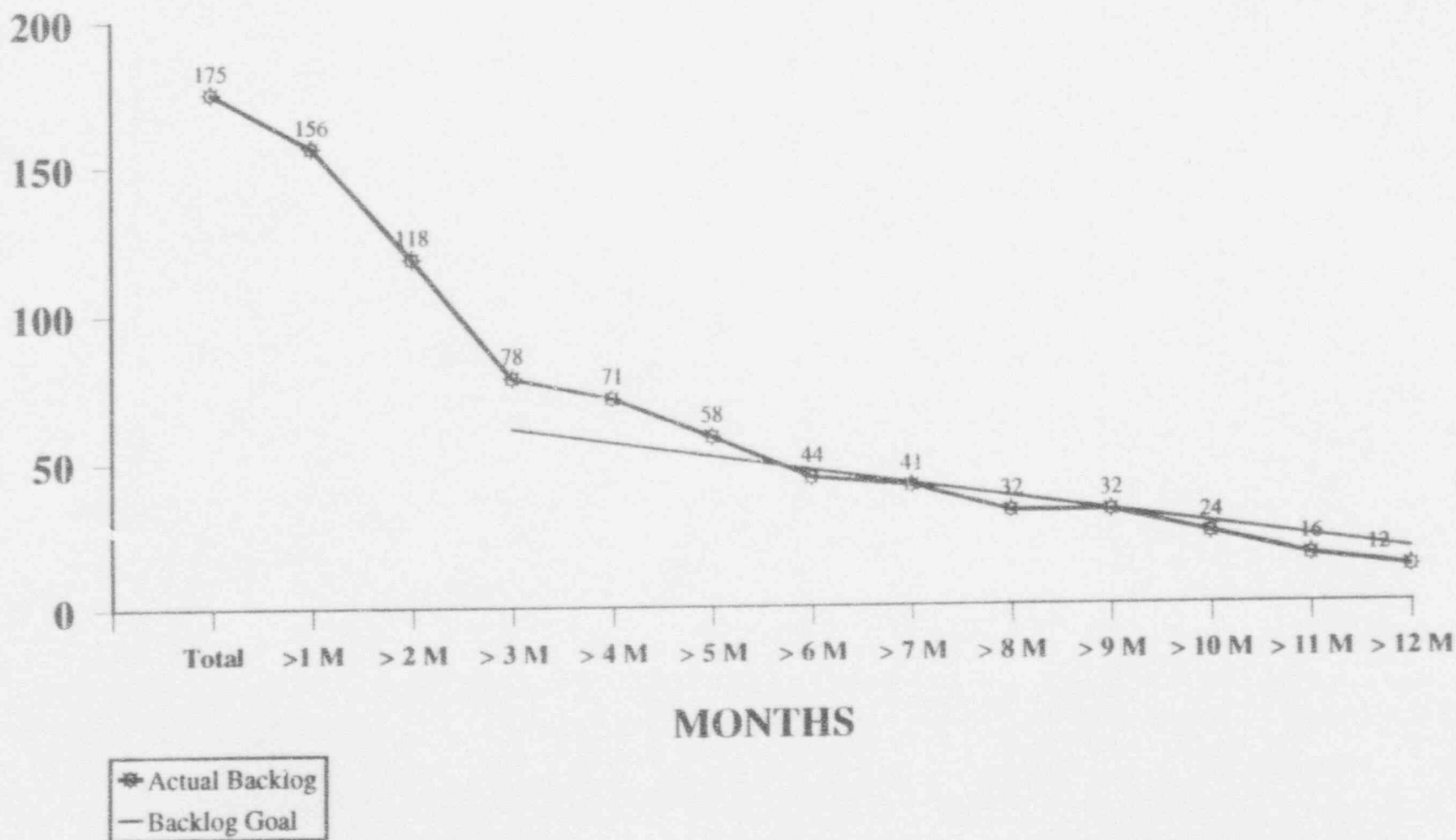


 Backlog
 Goal

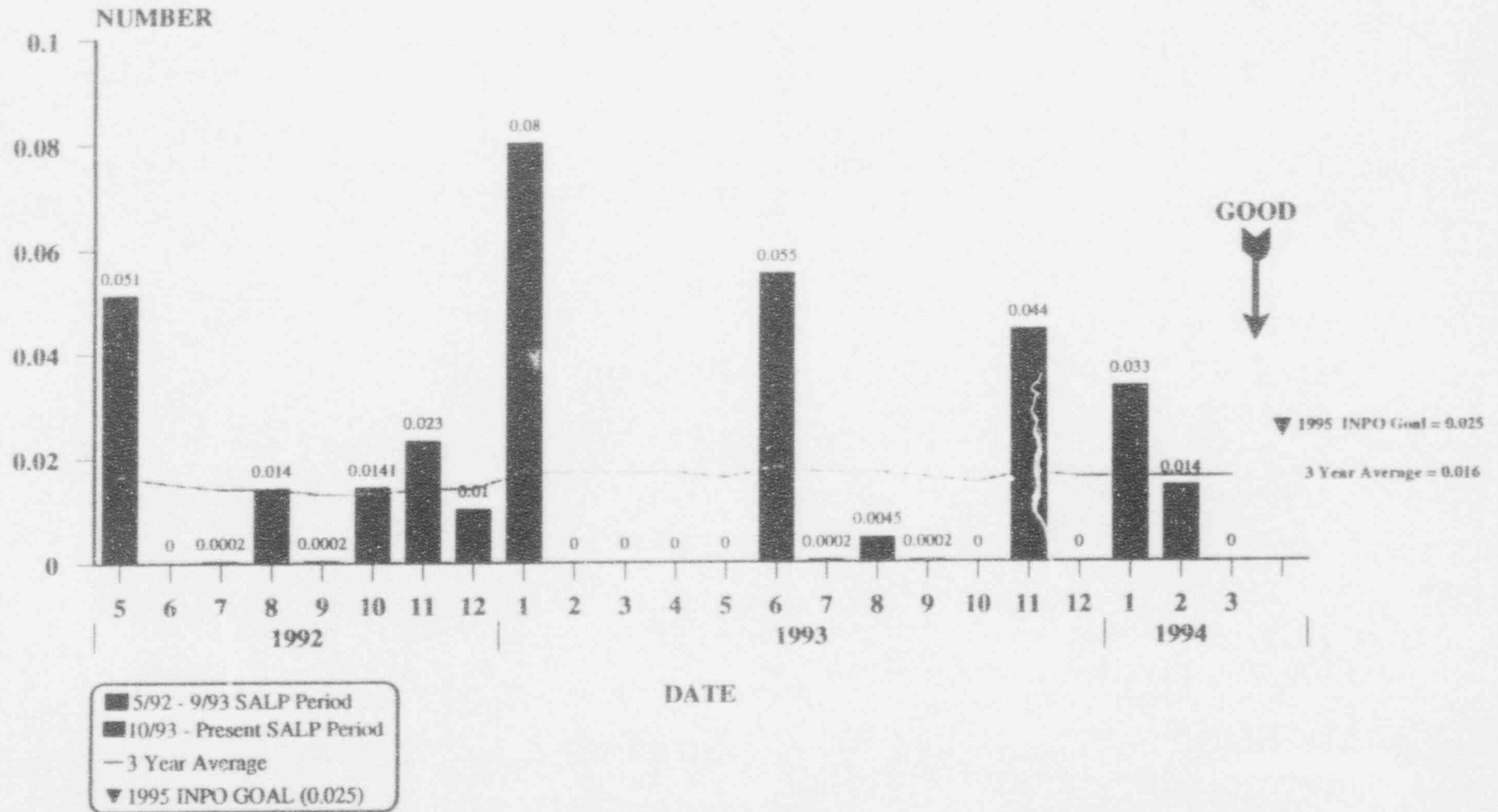
BROWNS FERRY NUCLEAR PLANT

Unit 2 Maintenance Backlog

By Age

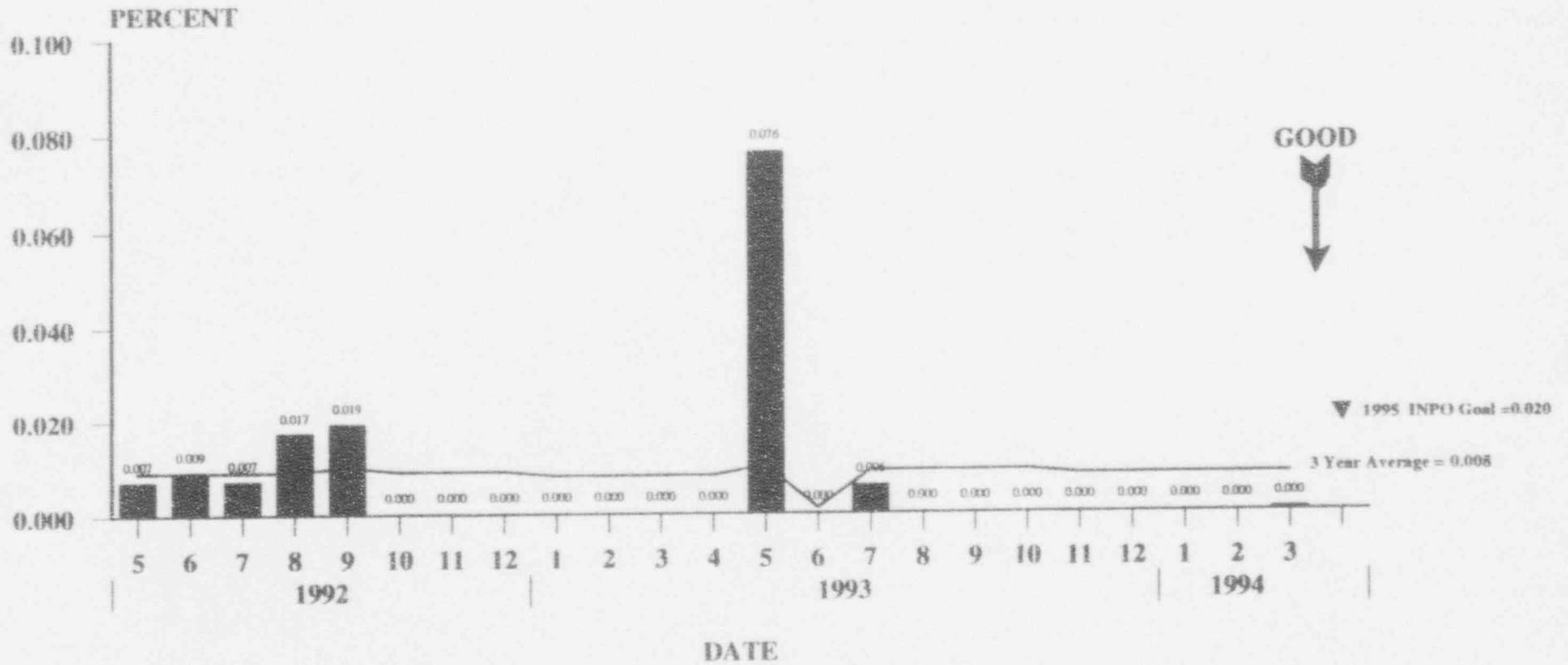


BROWNS FERRY NUCLEAR PLANT SAFETY SYSTEM PERFORMANCE RCIC/HPCI SYSTEM UNAVAILABILITY



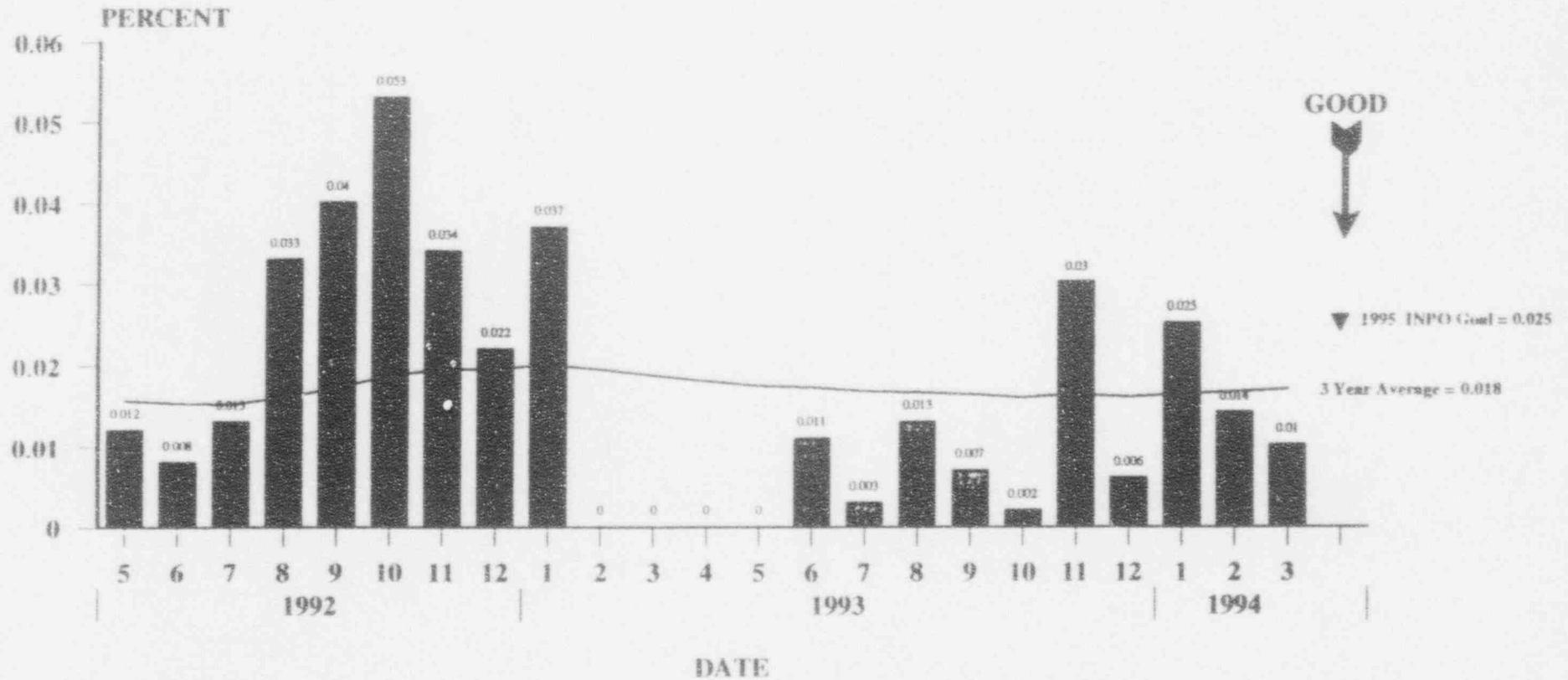
BROWNS FERRY NUCLEAR PLANT SAFETY SYSTEM PERFORMANCE

RESIDUAL HEAT REMOVAL SYSTEM UNAVAILABILITY



■ 5/92 - 9/93 SALP Period
 ■ 10/93 - Present SALP Period
 — 3 Year Average
 ▼ 1995 INPO Goal = 0.020

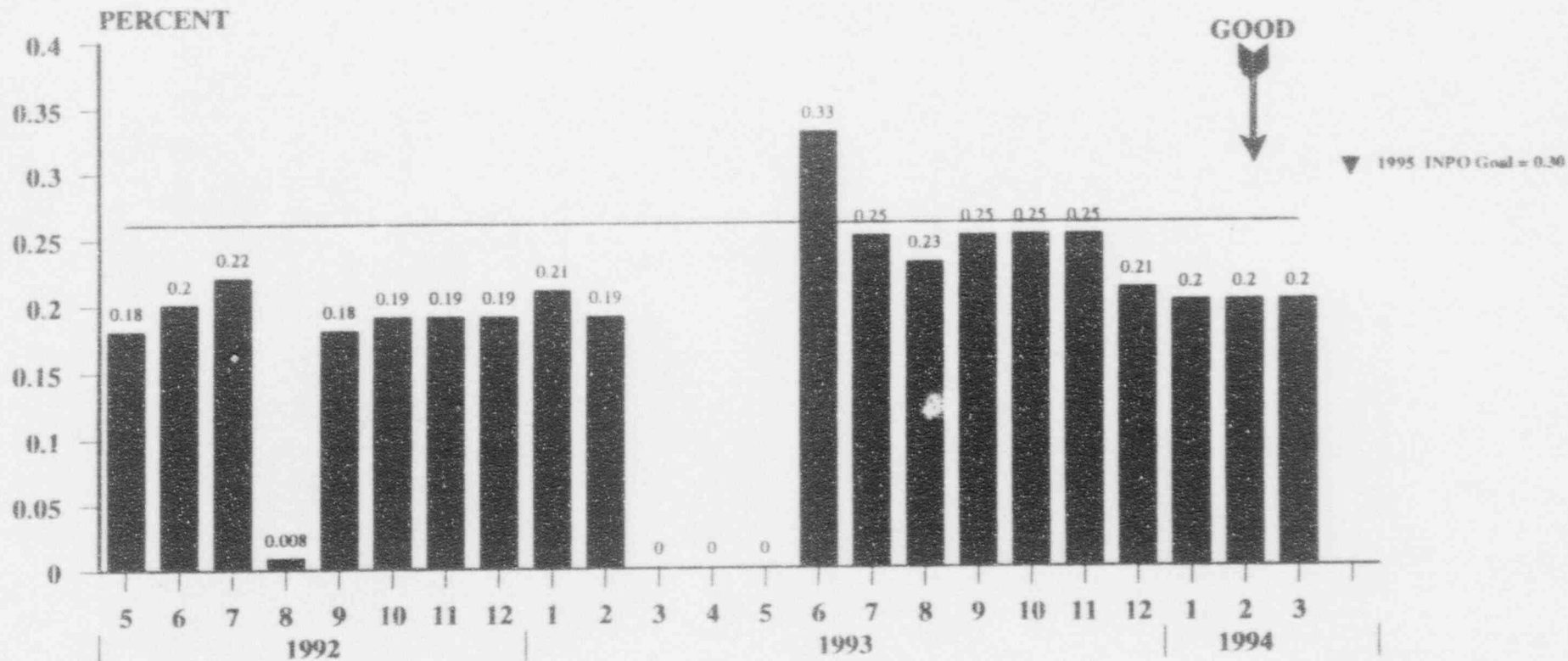
BROWNS FERRY NUCLEAR PLANT SAFETY SYSTEM PERFORMANCE EMERGENCY AC POWER SYSTEM UNAVAILABILITY



■ 5/92 - 9/93 SALP Period
 ■ 10/93 - Present SALP Period
 — 3 Year Average
 ▼ 1995 INPO Goal = 0.025

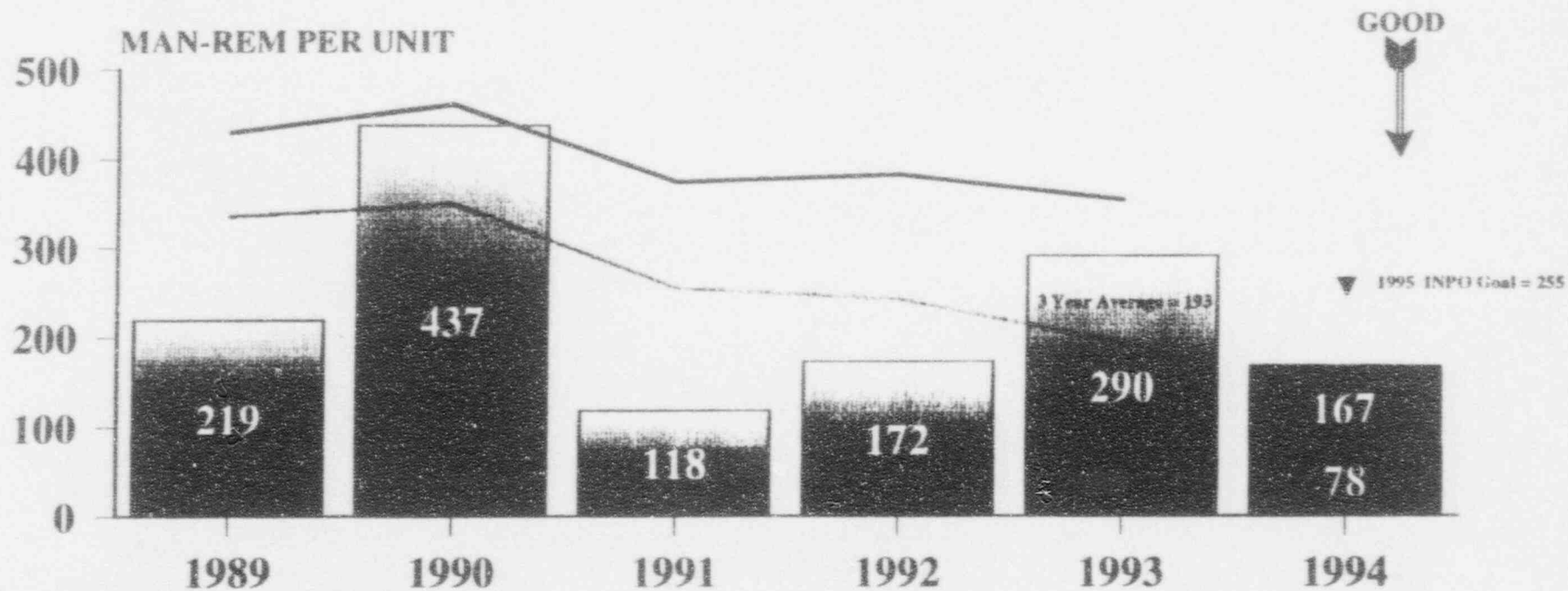
BROWNS FERRY NUCLEAR PLANT CHEMISTRY INDEX

RATIO OF THE CONCENTRATION OF SELECTED IMPURITIES TO
THE LIMITING VALUES FOR THOSE IMPURITIES



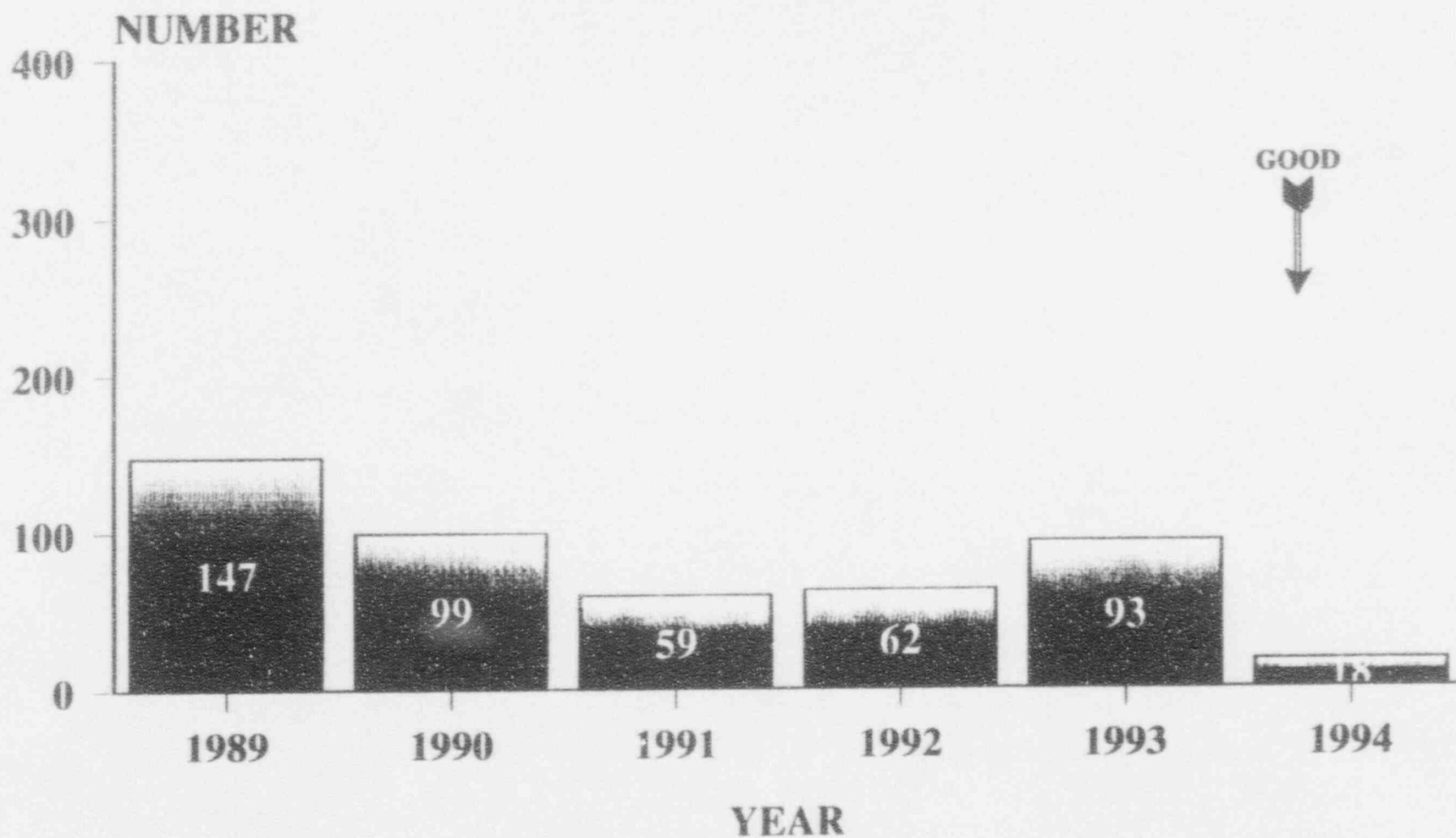
- 5/92 - 9/93 SALP Period
- 10/93 - Present SALP Period
- ▼ 1995 INPO Goal = 0.30
- Industry Median (1993) = 0.26

BROWNS FERRY NUCLEAR PLANT Collective Radiation Exposure



- Year
- ▼ 1995 INPO Goal = 255
- Industry Median
- - 3 Year Average
- FY 1994 Actual = 167
- FY 1994 Goal = 78*
- * 47% of Goal (54% of Fiscal Year)

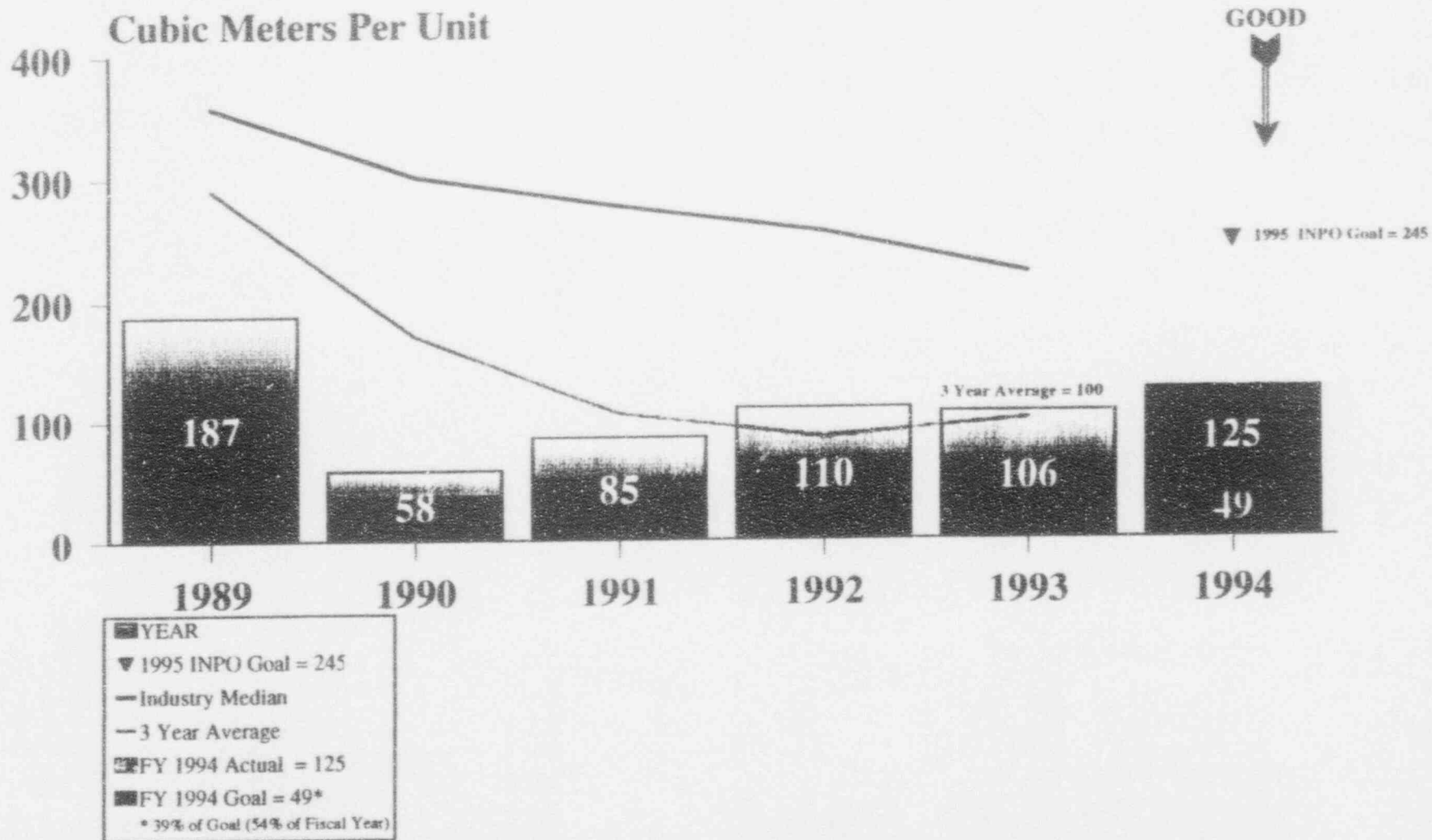
BROWNS FERRY NUCLEAR PLANT Personnel Skin and Clothing Contaminations



1994 Data through April 14, 1994

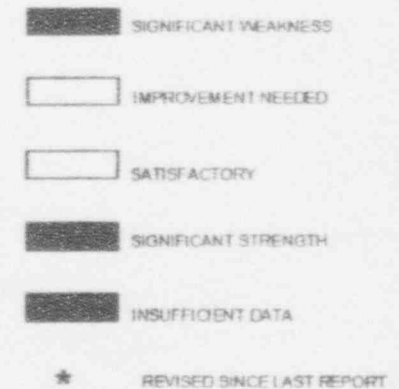
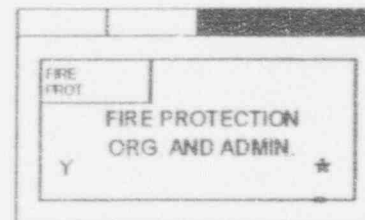
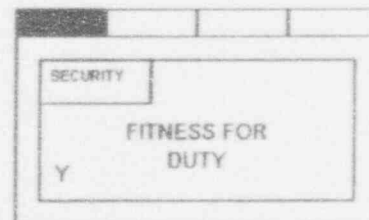
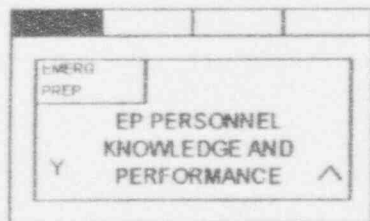
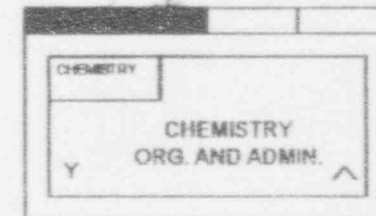
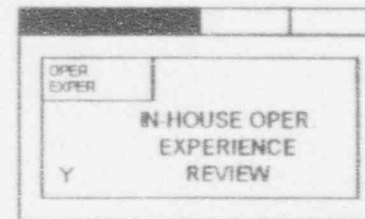
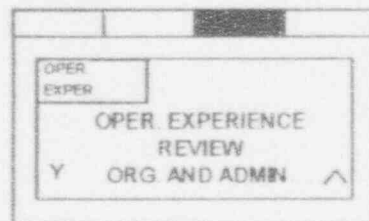
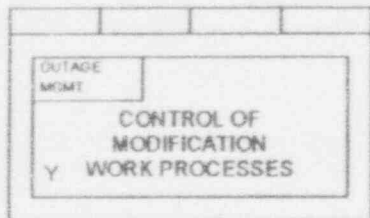
BROWNS FERRY NUCLEAR PLANT

Low-Level Solid Radioactive Waste Volume



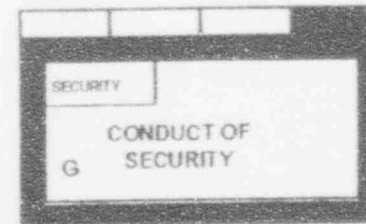
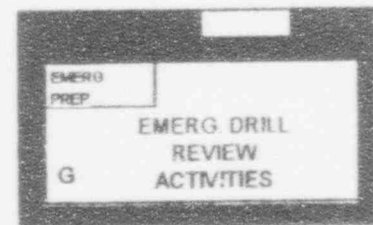
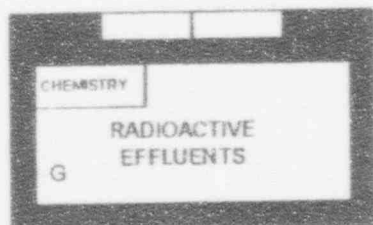
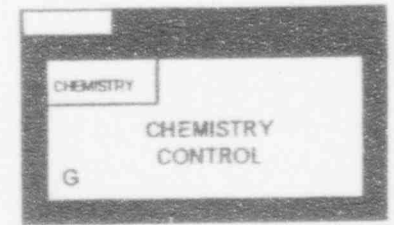
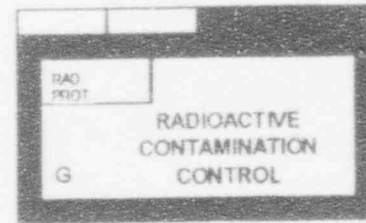
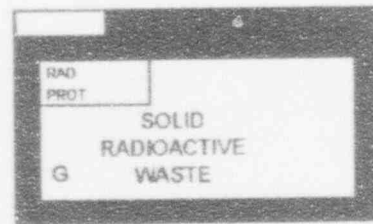
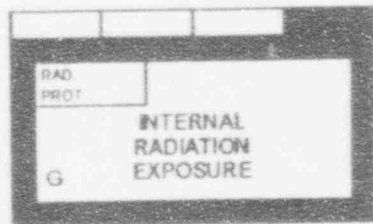
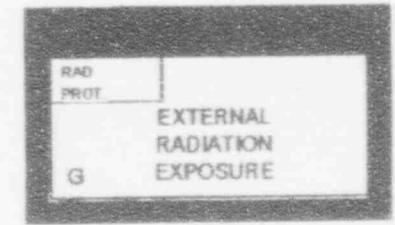
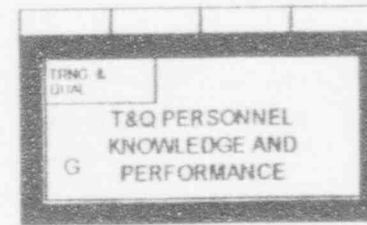
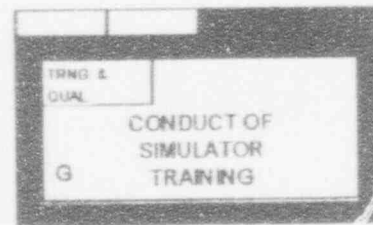
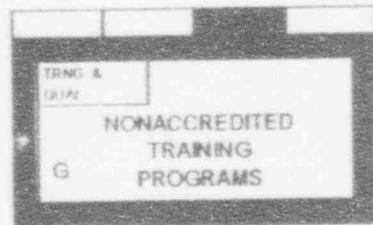
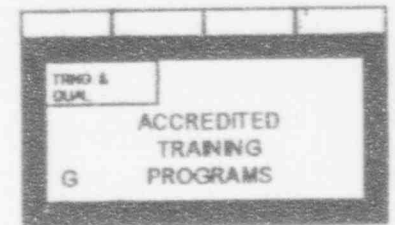
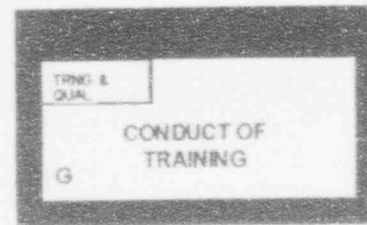
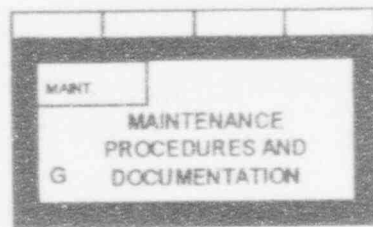
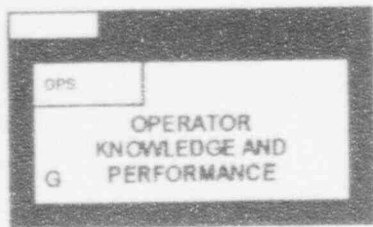
III. UNIT 2 PERFORMANCE (CONT)

- Self Assessment



BFN SECOND QUARTER - TREND WINDOWS REPORT

AREAS NEEDING IMPROVEMENT



**BFN SECOND QUARTER - TREND WINDOWS REPORT
AREAS OF EXCELLENT PERFORMANCE**

IV. PREPARATIONS FOR UNIT 2 REFUELING OUTAGE

- **Currently Scheduled to Begin 10/22/94**
- **Refueling Outage Scheduled for a 37 to 43 Day Duration, Breaker to Breaker**
- **Licensing Issues**
 - **Appendix R**
 - **Reactor Vessel Level Instrumentation System**
 - **Shroud Inspection**
- **Modifications Necessary to Support Unit 3 Recovery**
 - **Residual Heat Removal System Logic/Common Accident Signal Tie-In for Unit 3**
 - **Unit 3 Cable Replacement/Splicing in Unit 2 Operating Space**
 - **Unit 3 Appendix R/Environmental Qualification Modifications**

IV. PREPARATION FOR UNIT 2 (CONT) REFUELING OUTAGE

- **Unit 2 Modifications/Maintenance Activities**
 - **Condensate Demineralizer System Upgrade**
 - **Standby Gas Treatment System Damper Modification**
 - **Turbine Inspection**
 - **Inspect/Rebuild Residual Heat Removal Pump 2A**
 - **Balance of Plant Erosion/Corrosion Inspections**
 - **Inservice Inspection**
 - **NRC Generic Letter 89-10 Motor-Operated Valve Inspections**

V. UNIT 3 STATUS

- Schedule Supports 100% Power Date of February 1996
- 450 of 476 (95%) Design Changes Issued
- 209 of 476 (44%) Design Changes Closed
- 4781 of 5860 (82%) Work Plans Written
- 2204 of 5860 (38%) Work Plans Closed
- Summary of Commodities

	<u>Installed to Date</u>	<u>Remaining</u>
Cable (ft.)	241,911	426,919
Conduit (ft.)	68,298	78,183
Pipe Hangers	2,884	3,846

V. UNIT 3 STATUS (CONT)

- Major Accomplishments Since September 1993
 - Condenser Hydro Completed - October 1993
 - GE Belt Line Inspections Completed - November 1993
 - System 34 (Vacuum Priming) Completed - February 1994
 - Integrated Computer System Field Completed - March 1994
 - Engineering Design Completed on 79-02/14 - March 1994

- Major Upcoming Activities Planned in Fiscal Year 1994
 - Shroud Inspection
 - Completion Of Drywell Steel
 - Control Room Design Review Modifications Field Complete
 - Turbine Generator On the Turning Gear

V. UNIT 3 STATUS (CONT) RESTART TEST PROGRAM

- **DCN Test Procedures**
 - **All Test Procedures Required for Testing DCNs Issued for Unit 3 Recovery Have Been Identified**
 - **All of the Technical Support Procedures Affected by DCNs Issued for Unit 3 Recovery Have Been Identified**
 - **Affected Unit 3 Technical Support Procedures Are Currently Being Reviewed and Upgraded**
 - **Technical Support Is Preparing a Restart Test Program Test Requirements Form for the 47 Baseline Test Requirements Documents issued by Site Engineering**

V. UNIT 3 STATUS (CONT) RESTART TEST PROGRAM

- Summary of Post Modification Testing (PMT) Procedures

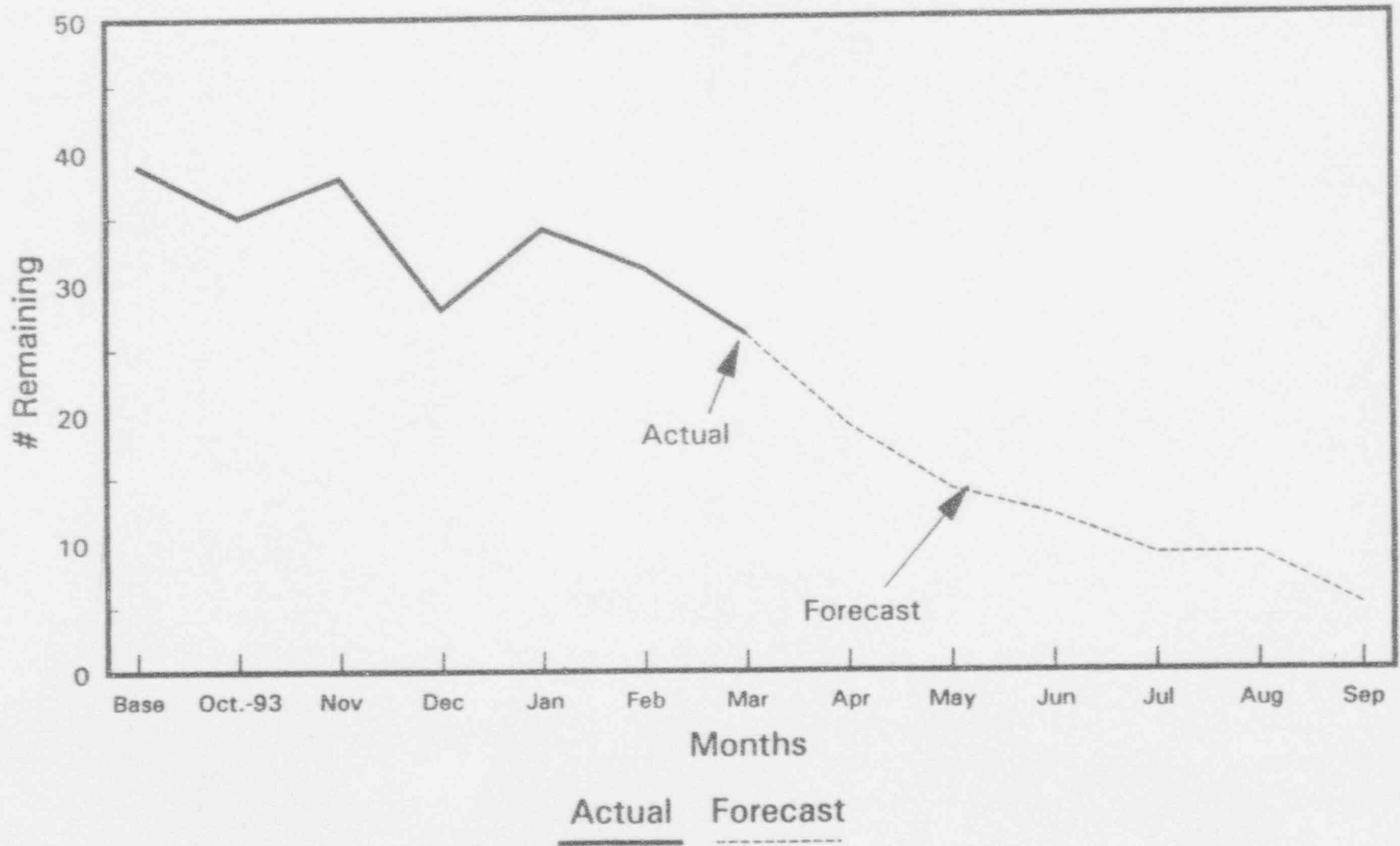
<u>Organization Responsible for Procedure Preparation</u>	<u>Number of Procedures Required for PMT</u>	<u>Number of Procedures to be Written or Revised for PMT</u>
Technical Support	661	488
Maintenance	306	169
Operations	2	1
Chemistry	7	0

- Recovery Performance

BFN UNIT 3 RECOVERY

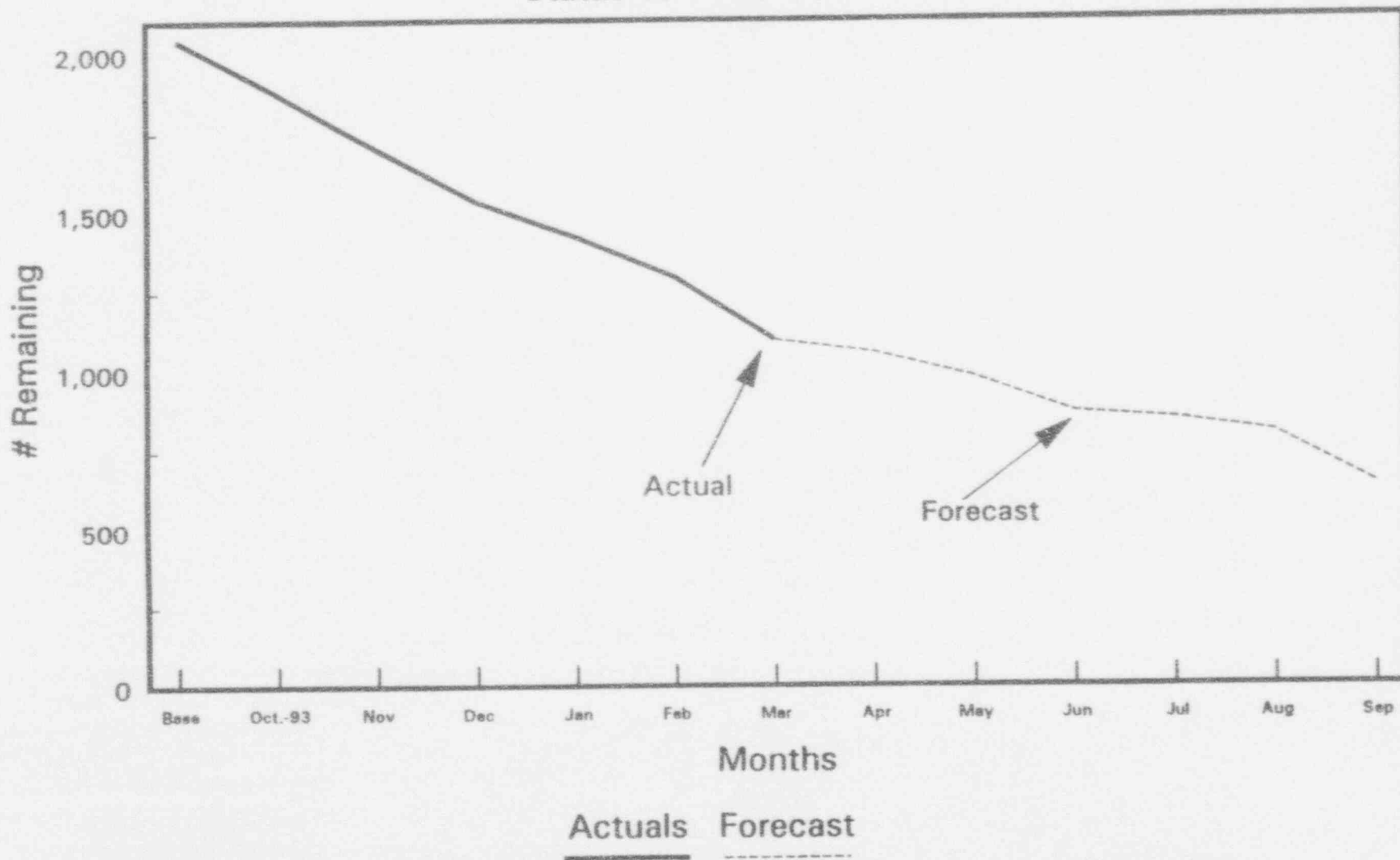
DCN ISSUES

Status as of 03/27/94



BFN UNIT 3 RECOVERY MODIFICATIONS WORK PLAN WRITES

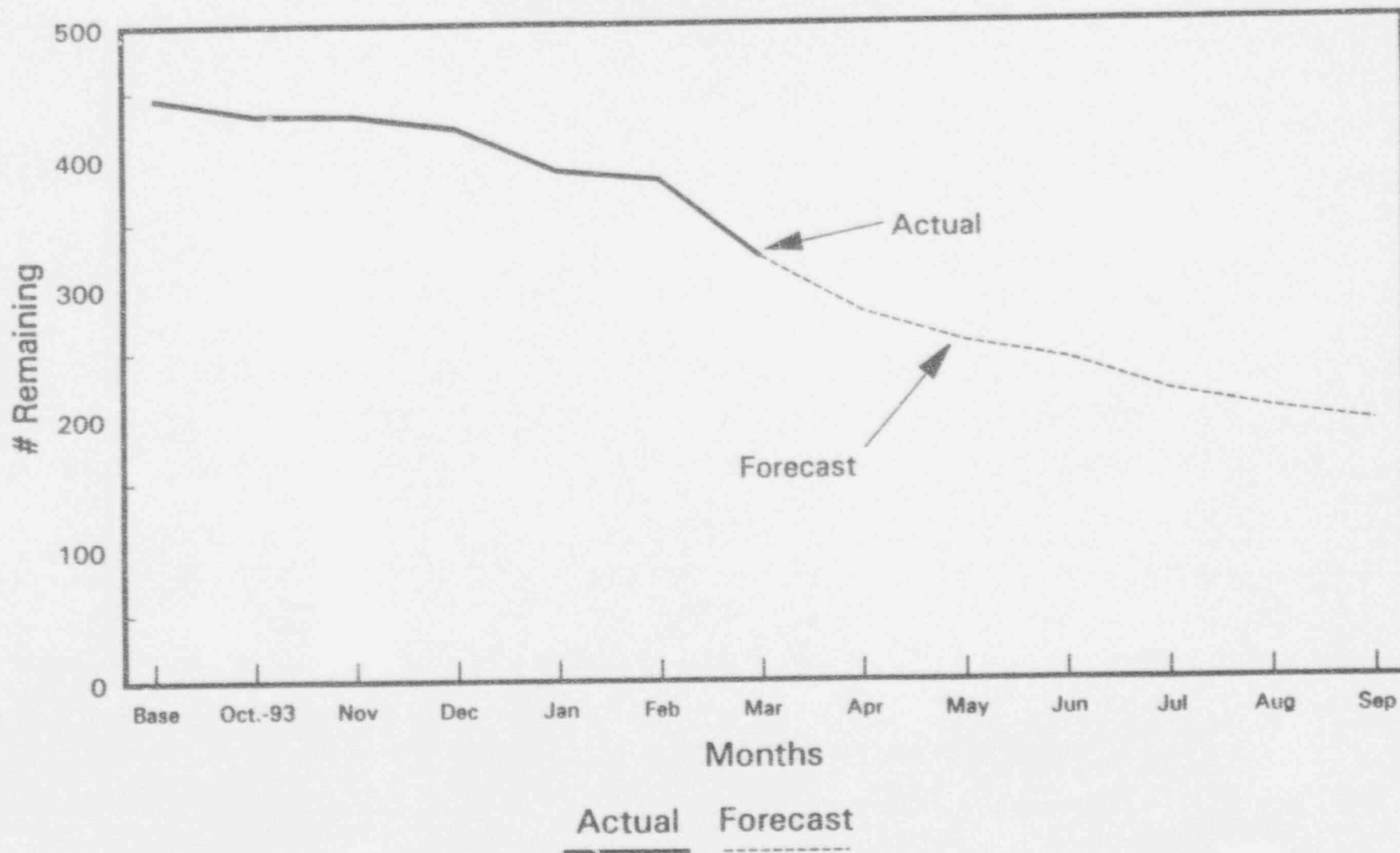
Status as of 03/27/94



BFN UNIT 3 RECOVERY

DCN MODS FIELD COMPLETIONS (FORM 83)

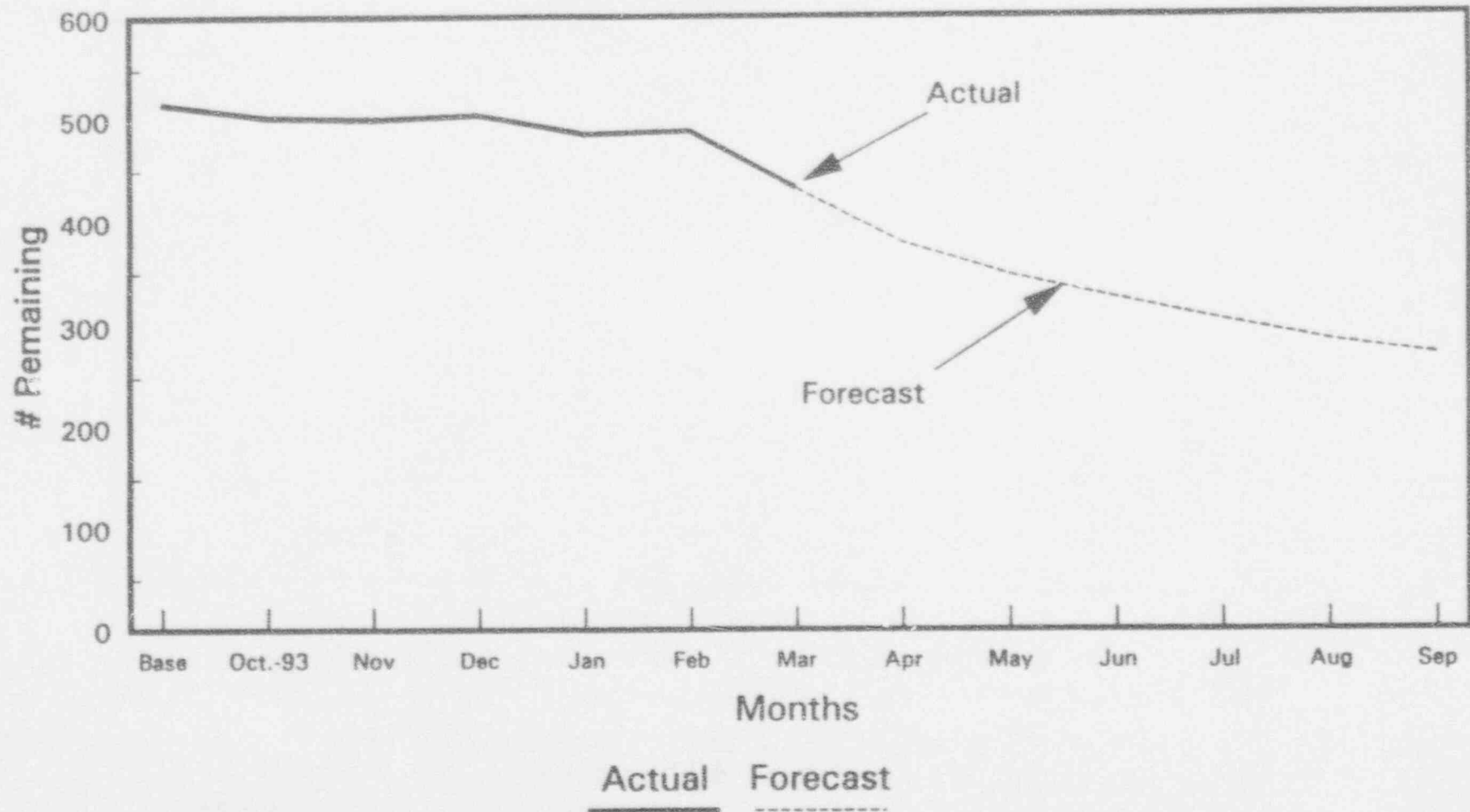
Status as of 03/27/94



BFN UNIT 3 RECOVERY

RTO DCN CLOSURES

Status as of 03/27/94

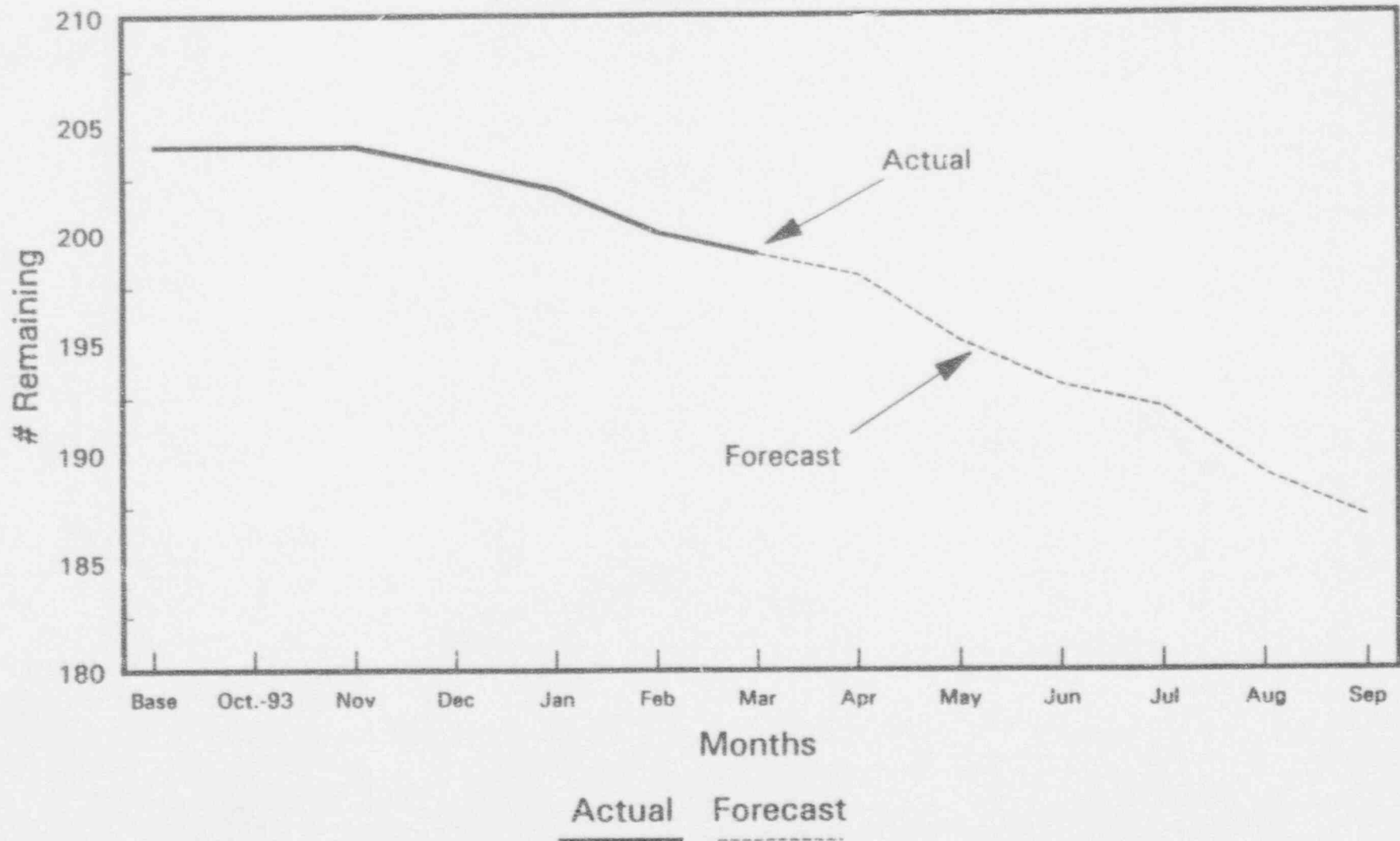


Includes Maintenance DCN's. Will be redrawn after completion of Maintenance schedule review.

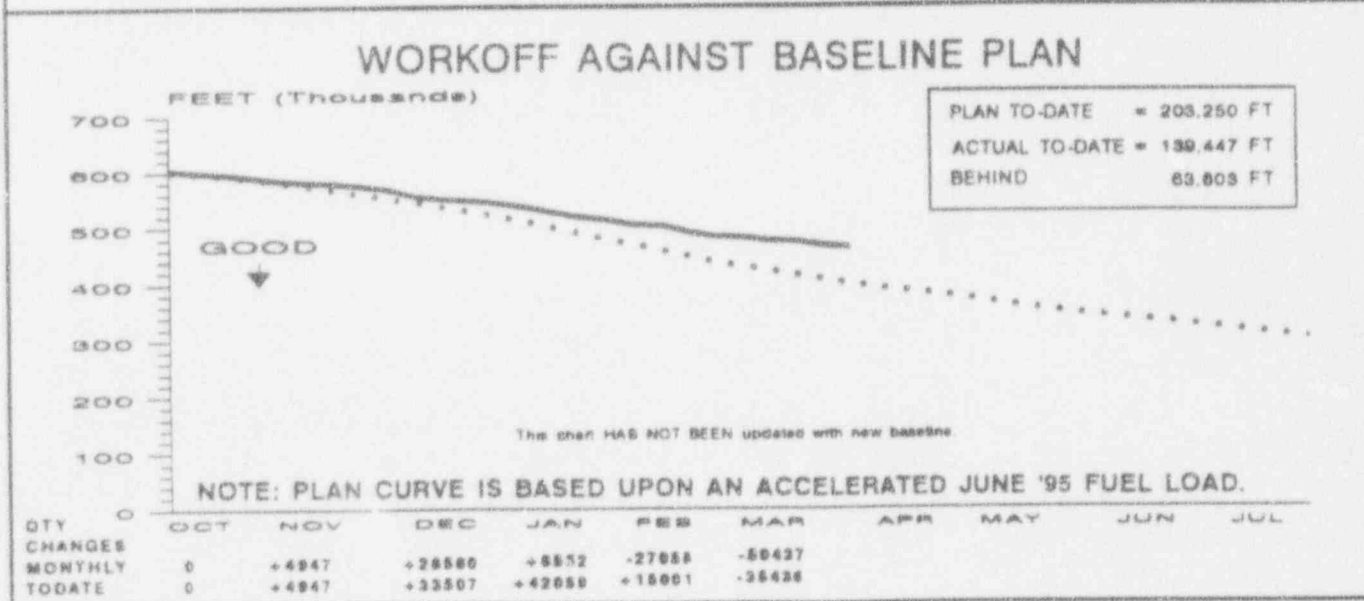
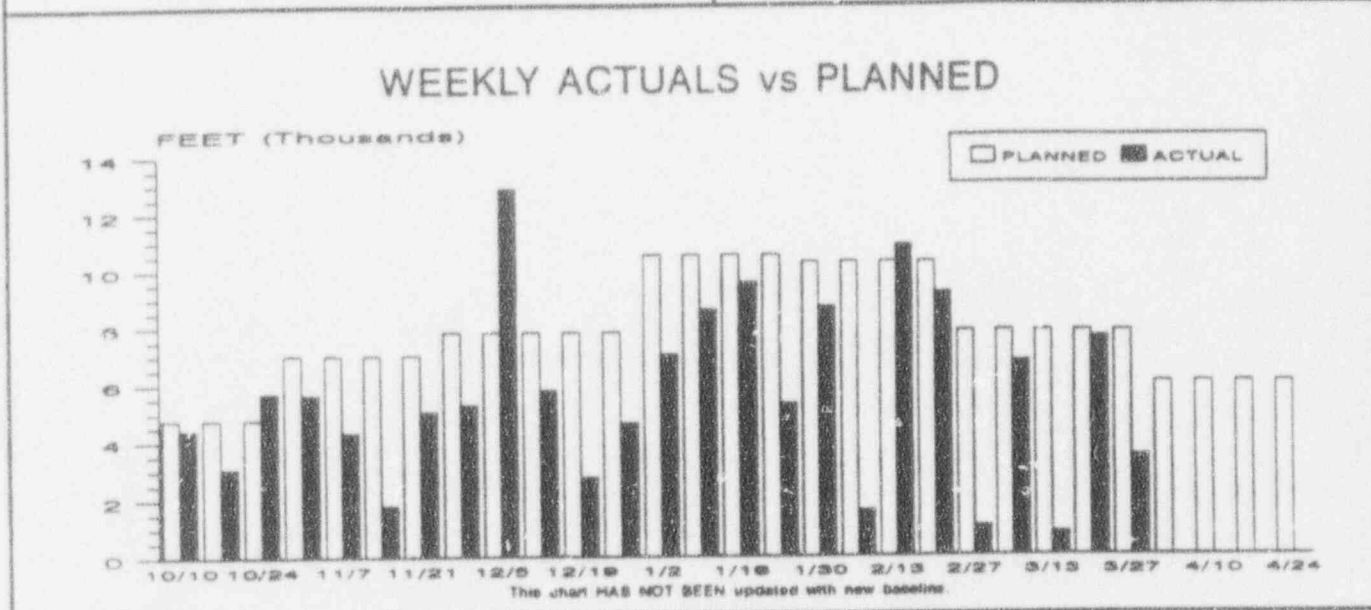
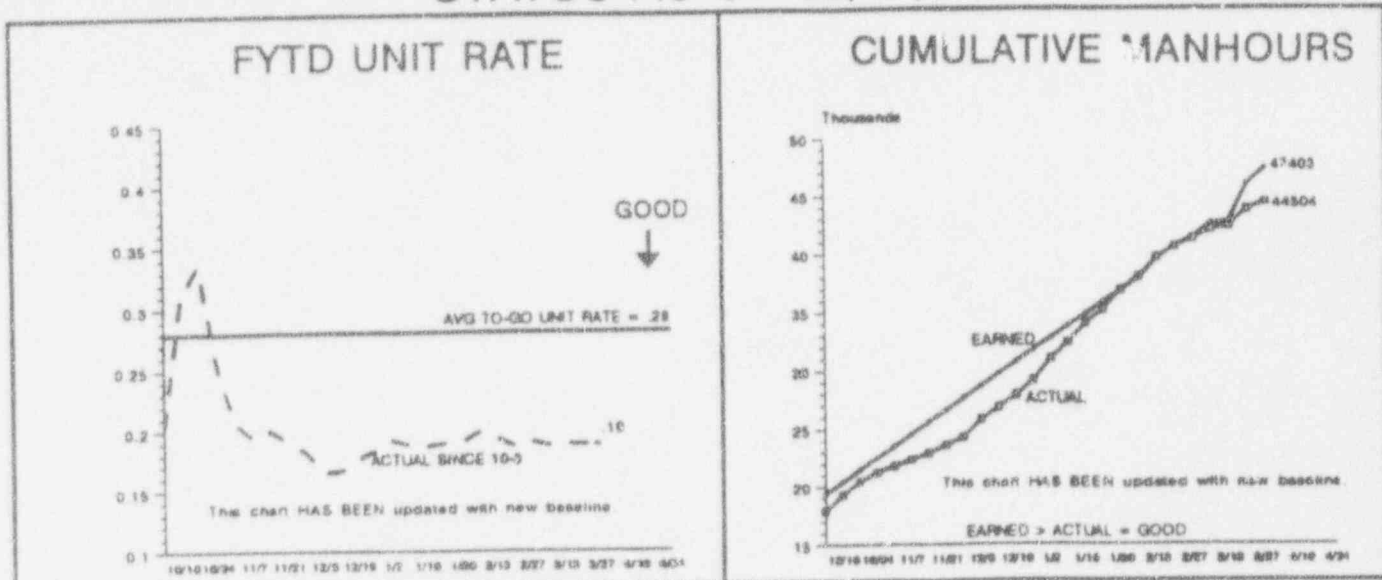
BFN UNIT 3 RECOVERY

LICENSING ISSUES

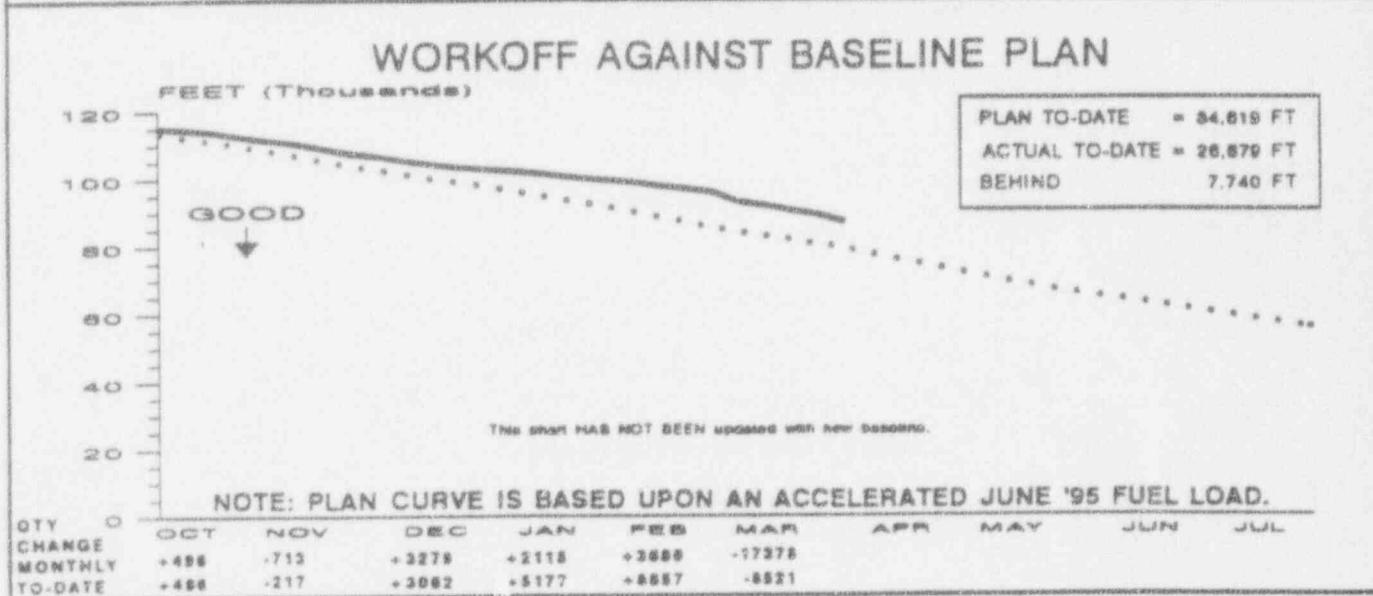
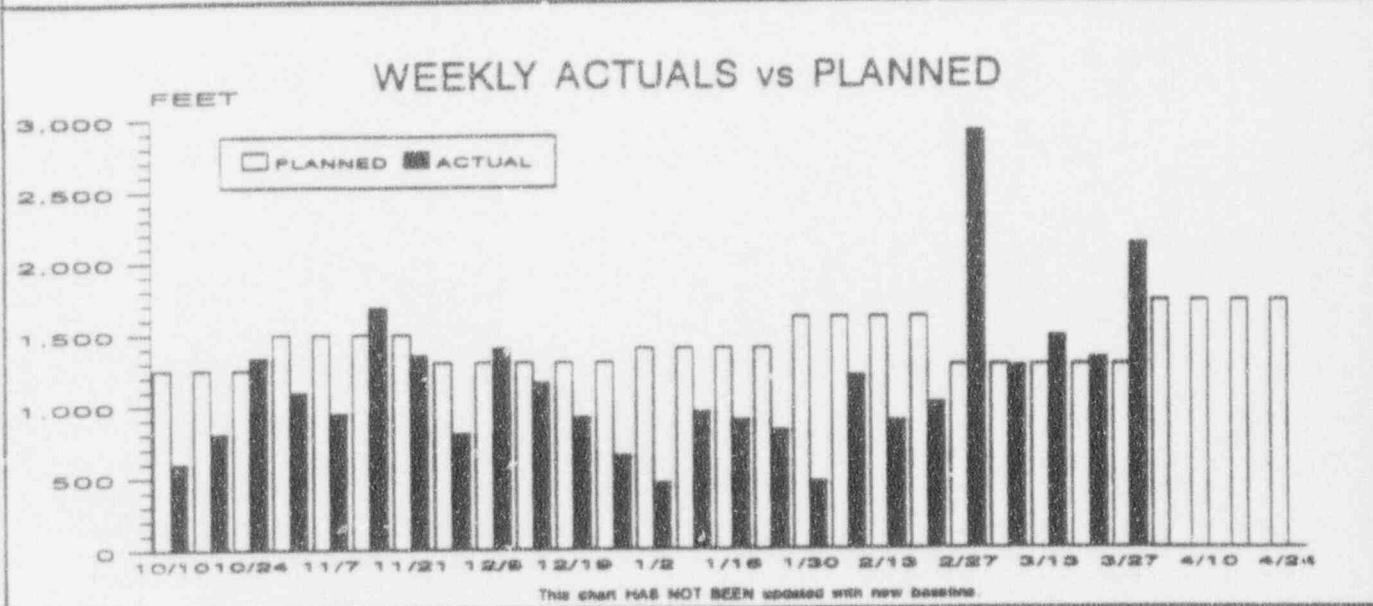
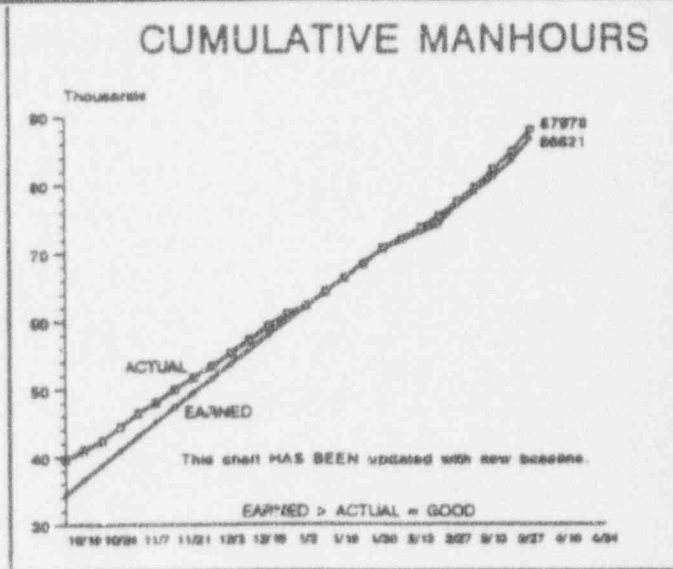
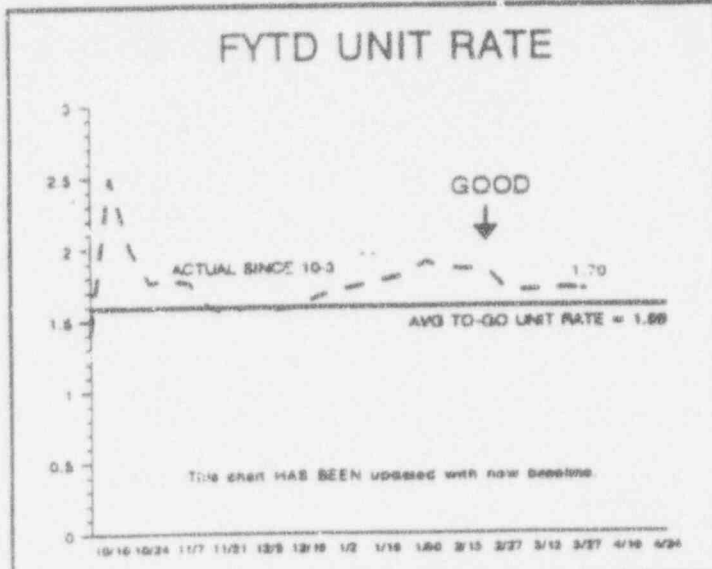
Status as of 03/27/94



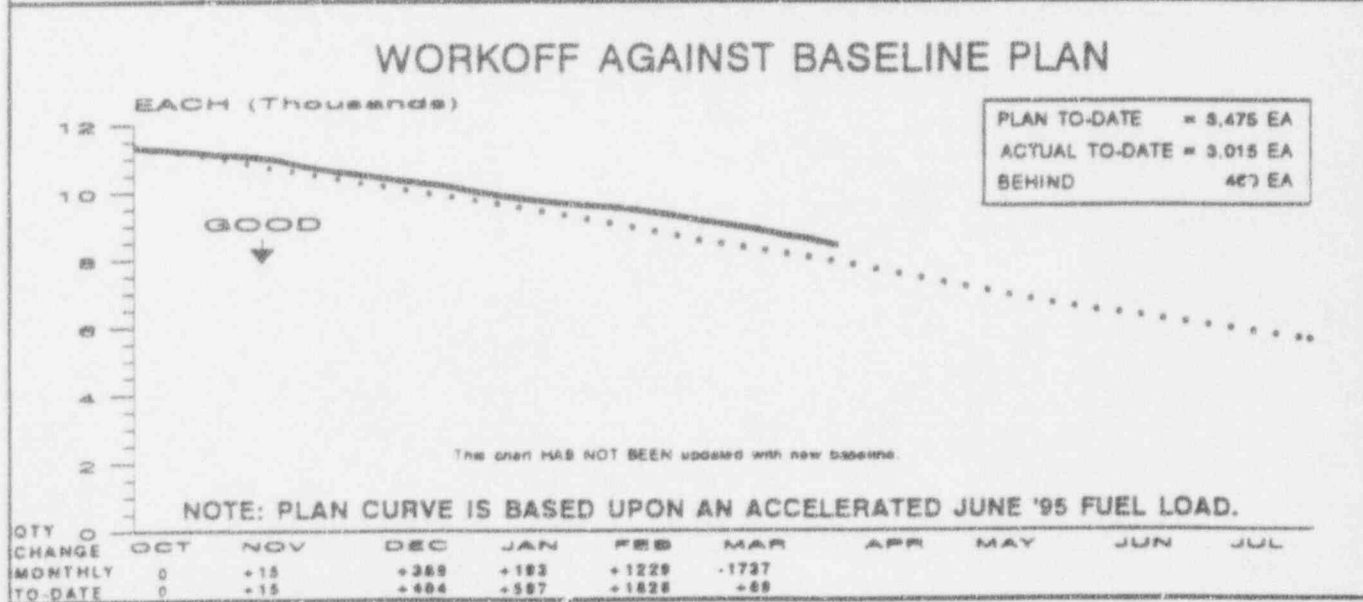
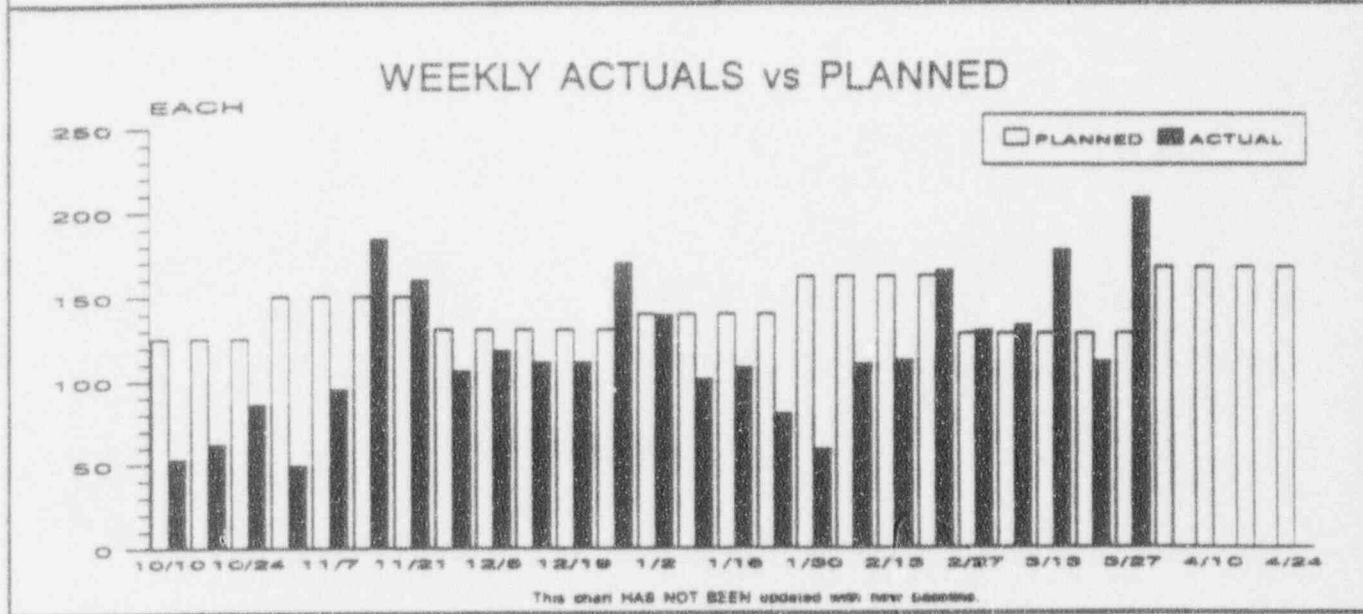
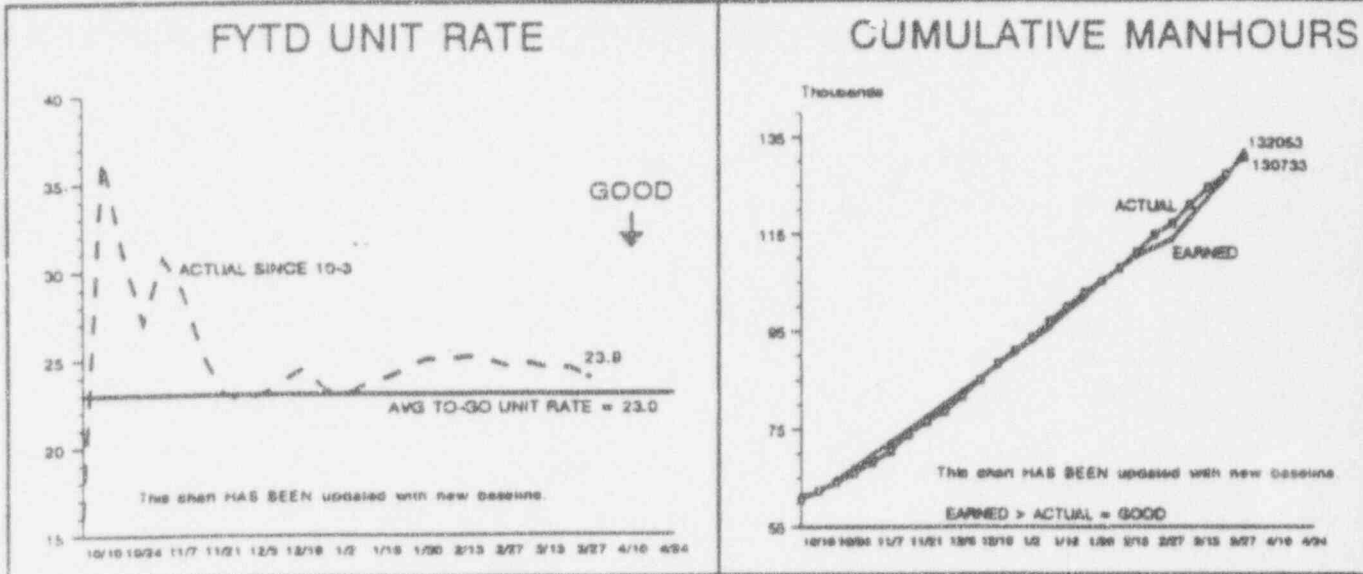
BFN 3 - MODIFICATIONS CABLE PULLING - CC STATUS AS OF 03/27/94



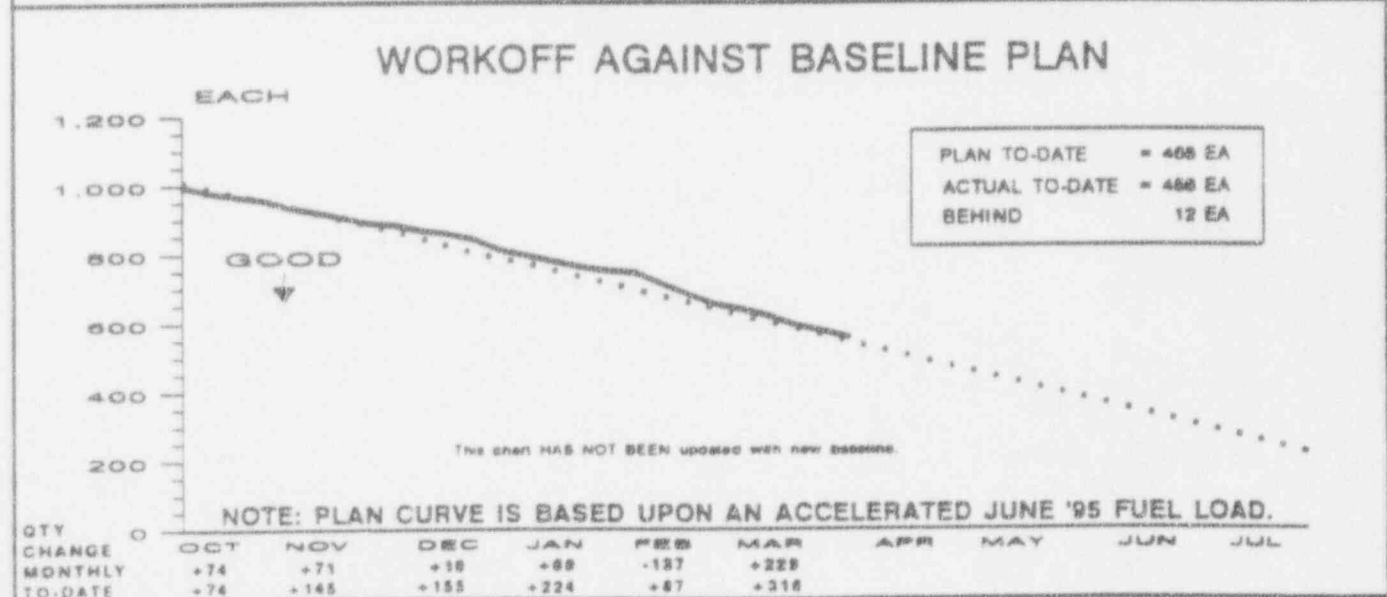
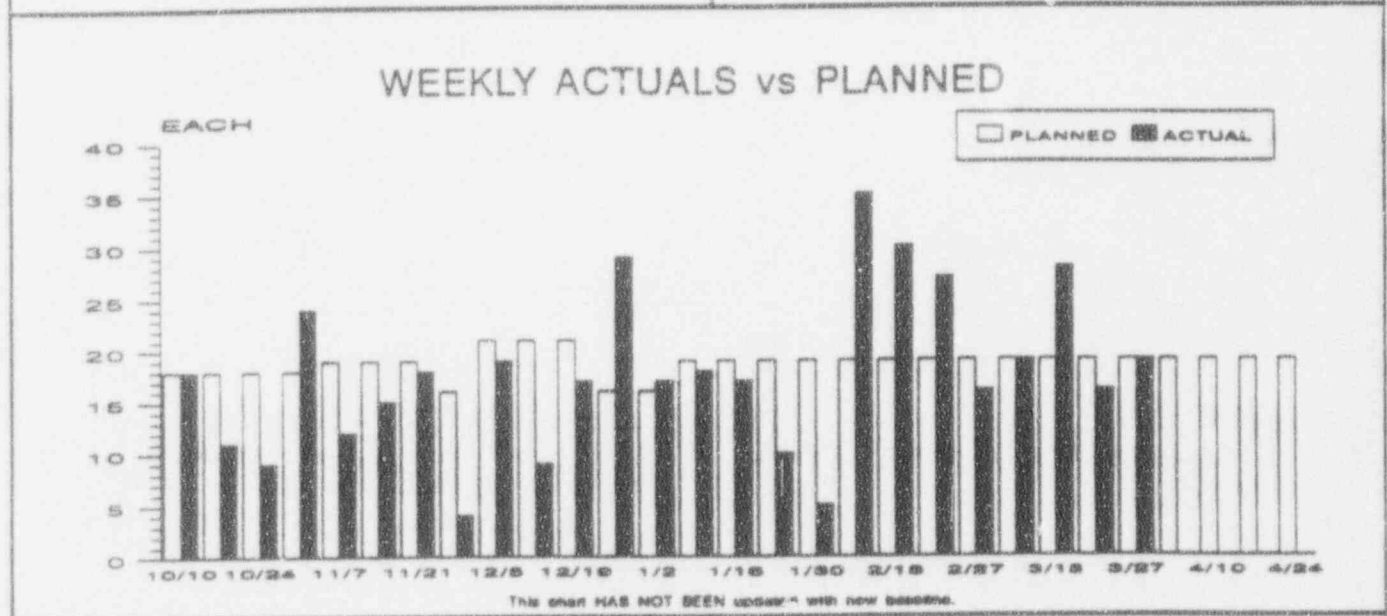
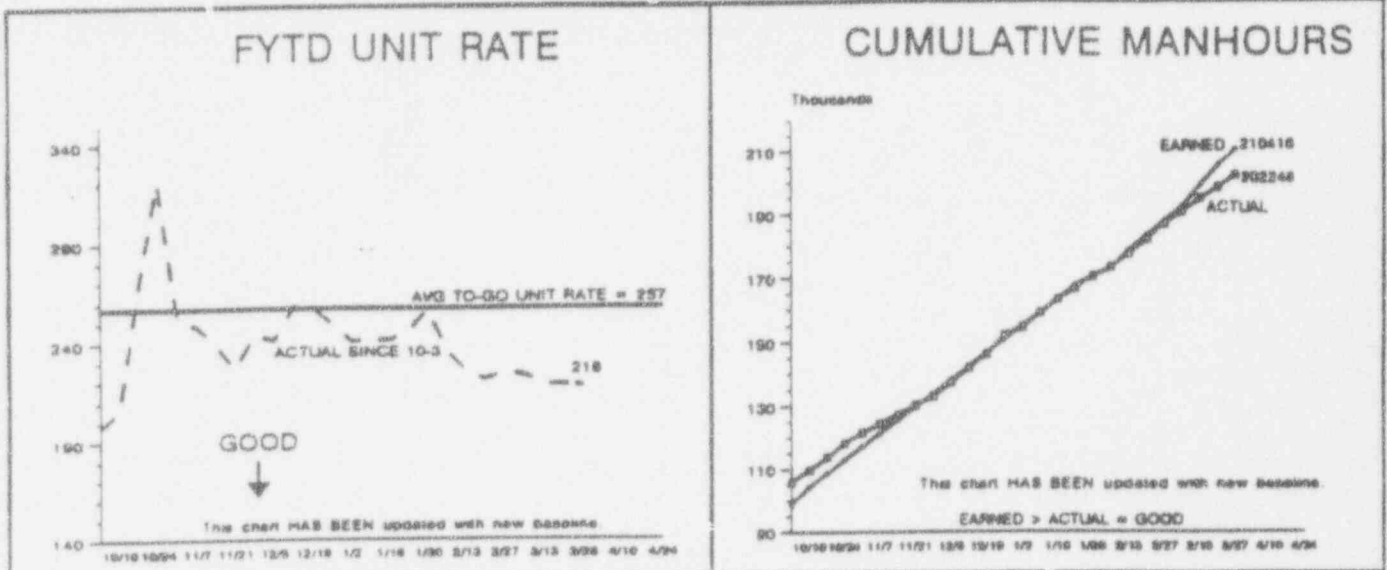
BFN 3 - MODIFICATIONS CONDUIT INSTALLATION - EC STATUS AS OF 03/27/94



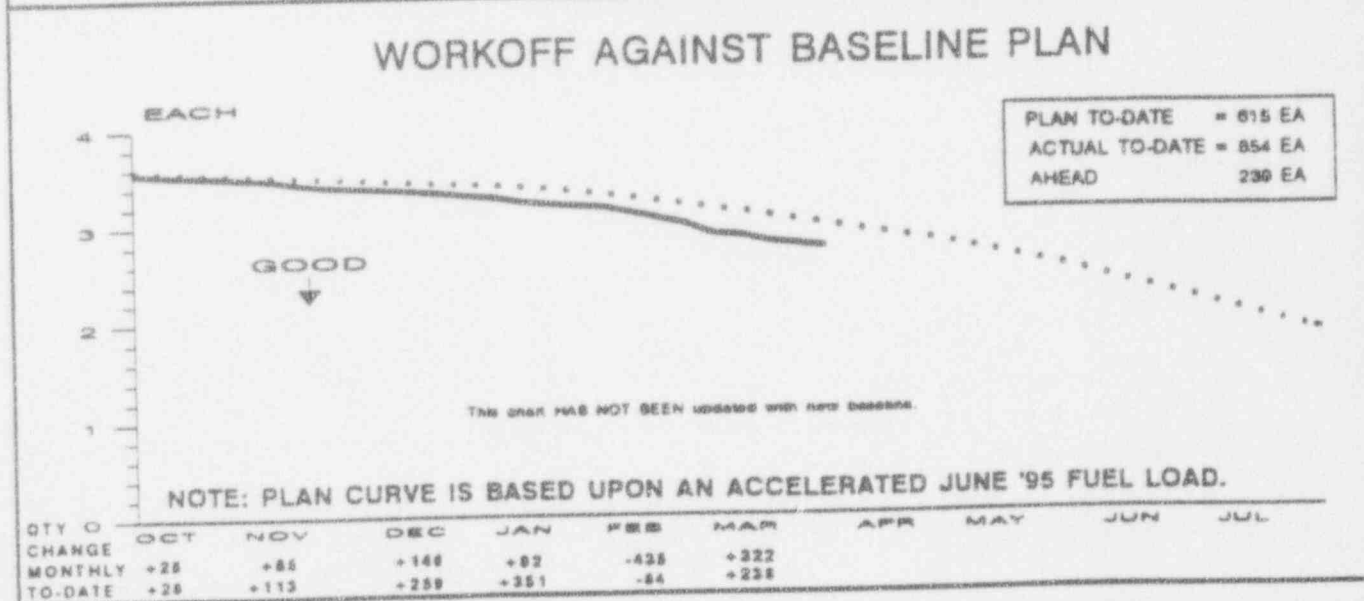
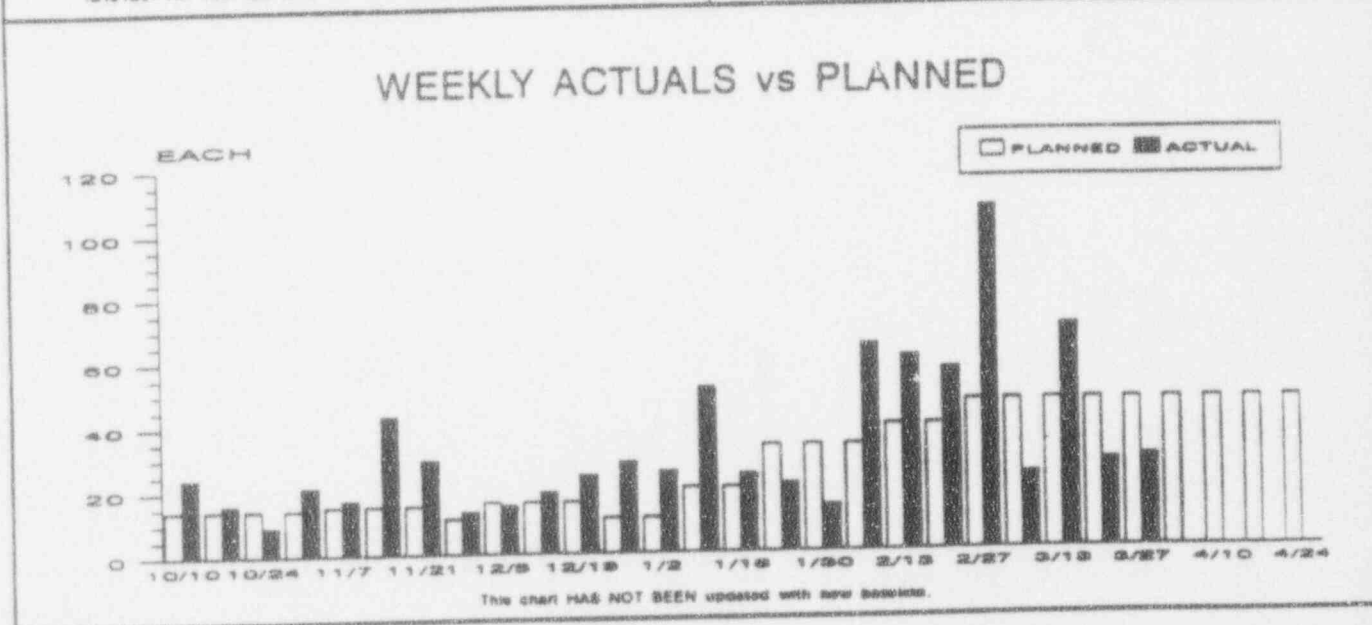
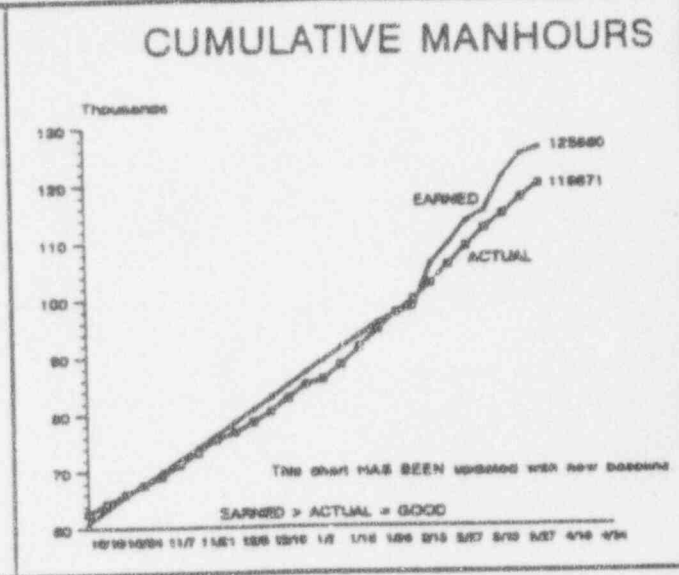
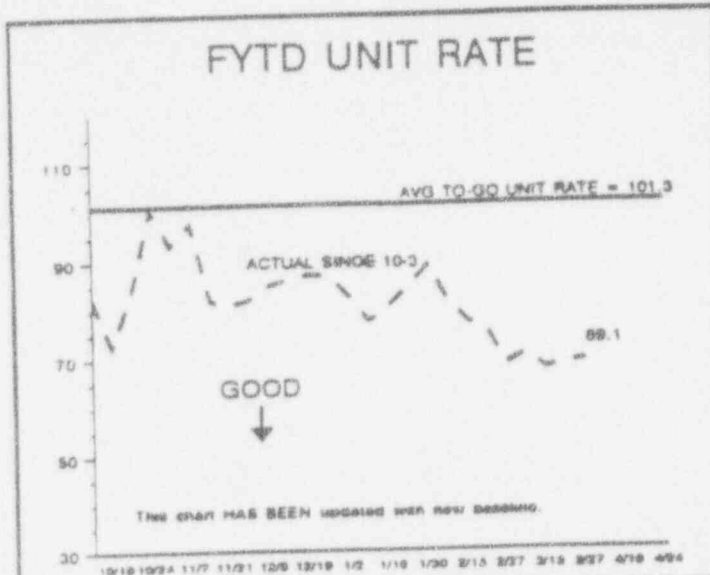
BFN 3 - MODIFICATIONS CONDUIT SUPPORTS - HS STATUS AS OF 03/27/94



BFN 3 - MODIFICATIONS LARGE BORE SUPPORTS - HR STATUS AS OF 03/27/94



BFN 3 - MODIFICATIONS SMALL BORE HANGERS - HR2 STATUS AS OF 03/27/94



VI. UNIT 3 ACTIVITIES REQUIRING ENTRY INTO A UNIT 2 LCO

- **Unit 3 Activities Have Been Identified That Require Entry Into A Unit 2 LCO**
- **Each Activity Is Thoroughly Evaluated to Determine if There is An Opportunity to Perform the Activity While the Affected System is Not in Operation**
- **Modifications Enhance Facility Operation by Improving Control Room Panel Layout and Eliminate Human Engineering Deficiencies**
- **Each Unit 3 Activity Which Requires Entry Into a Unit 2 LCO is Evaluated and Justified, in Writing, to the Plant Manager**
- **Each Activity Must be Demonstrated to Have Minimal Risk On Plant Operation**

VII. SECURITY UPGRADE

- History of the Security Upgrade at BFN
- Revised Completion Date of the Security Upgrade at BFN
- Unanticipated Challenges for Meeting the Current Schedule

VIII. LICENSING ACTIVITIES FOR UNIT 3 RECOVERY

- All Generic Issues Have Been Identified (e.g., Closure of TMI Action Items, Generic Letters)
- Unit 3 Technical Specification Changes Identified as Necessary for Unit 3 Recovery Are With NRC
- NRC Commitment Closures In Schedule and Tied to Work Activities

BFN PROJECT PLAN

April 14, 1994

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BFN PROJECT PLAN

TOP TEN ISSUES

1. SER for Unit 3 Appendix R Programs
2. SER for CREVS - Unit 0
3. TS 346 - Alternative Requirements for Snubber Visual Inspection Intervals and Corrective Actions
4. TS 328 - LPCI Operability When in SDC
5. TS T347 - Extend AOT to Replace SD Board Control Power Batteries
6. TS 334 - Reactor Coolant Chemistry
7. TS 339 - ELLLA, RBM, and COLR
8. TS 312 - Scram Pilot Air Header PS
9. TS 313 - Wide Range Radiation Monitors
10. TS 322 - Eliminate Main Steam HI-Rad RPS Trip and the MSIV Closure Function

BFN PROJECT PLAN

INSPECTIONS	MILESTONE DATE (PROJECTED DATE)	NRC CONTACT	TVA CONTACT
Unit 3 RV Shroud Inspection	June 1994	Coley	Wells
Component and Piece Part Qualification	TBD		Wells
NRC Operational Readiness Assessment Team - Unit 3	TBD		Wells
NRC Appendix R Inspection - Unit 3	TBD		Wells
NRC EQ Certification - Unit 3	TBD		Wells
MEETINGS/VISITS			
NRC/TVA Management Meeting - Unit 3 Restart	04/15/94		Wells
Meet with NRR on ISI Plans for Unit 2 Cycle 7 Outage	05/11/94	Williams	Abney/DEM
Mid-Cycle SALP Presentation to NRC	(July 1994)		Wells
Multi-Unit PRA Meeting with NRR	(July 1994)	Williams	Abney
Meet with NRR to Present Proposed Technical Specification 318	TBD	Williams	Abney/SMK
Meet with NRR on Improved Standard Technical Specification Improvement Plan	TBD	Williams	Abney
ACRS Briefing - Unit 3 Restart	TBD		
Commission Briefing - Unit 3 Restart	TBD		

BFN PROJECT PLAN

REQUESTS FOR COST BENEFICIAL LICENSING ACTIONS	COST SAVINGS	TVA SUBMITTAL (PROJECTED) DATE	NRC PROJECTED ISSUE DATE	NRC APPROVAL NEED DATE	NRC CONTACT	TVA CONTACT
RLA-02 - TS-334, Reactor Coolant Chemistry (M87272-U1, M87273-U2, M87274-U3)	\$100K \$43K/YR	09/02/93	05/15/94	05/15/94	Trimble	Abney/SAW
RLA-03 - Request for Reduced Scope NRC SWSOPI	\$≥300K	02/02/94	TBD	06/01/94	Region II	Abney/SAW
RLA-04 - TS-346, Alternative Requirements for Snubber Visual Inspection Intervals and Corrective Actions (GL 90-09)	\$100K \$50K/YR	12/23/93	06/30/94	05/01/94	Trimble	Abney/JWD
CBLA-06 - Revise Emergency Plan Staffing Requirements	\$100K/YR	(05/02/94)	TBD	TBD	Williams	Abney/DAJ
CBLA-07 - TS 347T - Extend AOT to Replace S/D Board Control Power Batteries	\$1M	05/02/94	TBD	12/01/94	Williams	Abney/DAJ
CBLA-08 - Exemption from Vehicle Escort, 10CFR73.55(d)(4)	\$175K/YR	(On Hold)	TBD	TBD	Trimble	Abney/DAJ
CBLA-09 - Revise Compensatory Posting Requirements in Security Plan	\$220K/YR	(On Hold)	TBD	TBD	Trimble	Abney/DAJ

BFN PROJECT PLAN

PENDING NRC SAFETY EVALUATIONS: PROGRAM	TVA SUBMITTAL DATE	NRC PROJECTED ISSUE DATE	NRC APPROVAL NEED DATE	RESPONSIBLE TVA MANAGER
GL 92-01 - RV Structural Integrity (M83439-U2, M83440-U3)	12/01/92	05/18/94	N/A	Rupert
Containment Isolation Dependability (Units 1 & 3)	09/03/92	05/31/94	N/A	Rupert
NRC Bulletin 90-01 - Rosemount Transmitter (M85362-U2)	07/01/93	TBD	N/A	Rupert
Cable Bend Radius Issues (M86253-U1, M86254-U2, M86255-U3)	03/17/93	06/30/94	N/A	Rupert
CREVS - Unit 0 (M83349-U2, M83350-U3)	07/31/92	04/29/94	ASAP	Rupert
IPE/PRA	09/01/92	05/15/94	N/A	Rupert
Appendix R - Unit 3 (M85254)	12/15/92	11/10/94	06/06/95	Rupert
GL 89-19 - Control Systems (M74915-U1, M74916-U2, M74917-U3)	08/17/90	04/29/94	NA	Rupert
Regulatory Guide 1.97 - Neutron Monitoring System (Units 1, 2 and 3)	03/10/94	04/29/94	NA	Rupert
Restart Test Program - Unit 3 (M81791)	09/27/91	06/30/94	07/01/94	Bajestani

BFN PROJECT PLAN

TECHNICAL SPECIFICATIONS TO BE SUBMITTED TO NRC	SUBMITTAL DATE	NRC CONTACT	TVA CONTACT
TS 315 - Primary Containment Inerting, Drywell - Suppression Chamber Differential Pressure, and Water Level Suppression Chamber (Units 1, 2 & 3)	TBD	Williams	Abney/LWI
TECHNICAL SPECIFICATIONS REQUIRED FOR UNIT 3 RESTART			
NONE			

BFN PROJECT PLAN

TECHNICAL SPECIFICATIONS WITH NRC FOR APPROVAL	PROJECTED ISSUE DATE	SUBMITTAL DATE	TVA NEED DATE	NRC CONTACT	TVA CONTACT
TS 328 - LPCI Operability When in SDC (M85255-U1, M85256-U2, M85257-U3)	04/22/94	12/23/92	ASAP	Williams	Abney/EBS
TS 334 - Reactor Coolant Chemistry (U0) (M87273-U2, M87274-U3)	05/15/94	07/19/93	05/15/94	Trimble	Abney/DSK
TS 346 - Alternative Requirements for Snubber Visual Inspection Intervals and Corrective Actions (GL 90-09)	06/30/94	12/23/93	05/01/94	Trimble	Abney/JWD
TS 312 - Scram Pilot Air Header PS (U0) (M87895-U2, M87896-U3)	TBD	09/30/93	01/30/95	Williams	Abney/SMK
TS 321 - Recirculation Equalizing Valves (M84402-U2, M84403-U3)	07/30/94	08/25/92	N/A	Williams	Abney
TS 331 - Administrative Changes (U0) (M86007-U1, M86008-U2, M86009-U3)	05/15/94	03/18/93	N/A	Williams	Abney/JWD
TS 333 - SLCS Solution Tank - Boron Content (U0) (M87891-U1, M87892-U2, M87893-U3)	TBD	09/29/93	N/A	Trimble	Abney/SMK
TS 336 - Fuel Pool Level (M87897-U1, M87898-U2, M87899-U3)	TBD	09/30/93	N/A	Trimble	Abney/SMK
TS 341 - Charcoal Testing Standard (M87888-U1, M87899-U2, M87890-U3)	TBD	09/29/93	N/A	Trimble	Abney/SMK

BFN PROJECT PLAN

TECHNICAL SPECIFICATIONS WITH NRC FOR APPROVAL AND REQUIRED FOR UNIT 3 RESTART	PROJECTED ISSUE DATE	SUBMITTAL DATE	TVA NEED DATE	NRC CONTACT	TVA CONTACT
TS 300 - Core Thermal Hydraulic Stability (U1&3) (M82650-U1, M82652-U3)	04/30/94	01/14/92	05/03/95	Williams	Abney
TS 302 - Post Accident Sampling (U1&3) (M83121-U1, M83122-U3)	05/15/94	04/01/92	04/21/95	Williams	Abney
TS 308 - Automatic Depressurization System (U1&3) (M83178-U1, M83179-U3)	05/31/94	04/06/92	06/22/95	Williams	Abney
TS 313 - Wide Range Radiation Monitors (U0) (M87903-U1, M87904-U2, M87905-U3)	TBD	10/07/93	04/24/95	Williams	Abney/DSK
TS 314 - RHR Valve Pressure Switches (U1&3) (M84042-U1, M84043-U3)	06/30/94	07/02/92	04/26/95	Williams	Abney
TS 318 - Conversion to Analog Transmitter/Trip System and Change to Level 1 Reactor Low Water Level Setpoints/Various Calibration Frequencies (Unit 0)	TBD	03/30/94	05/26/95	Williams	Abney/SMK
TS 319 - HPCI/RCIC Temperature and Channel Checks (Units 1, 2 & 3)	TBD	03/31/94	05/29/95	Williams	Abney/DEM
TS 320 - RWCU Temperature Switches (U0) (M88084-U2)	TBD	10/12/93	05/03/95	Trimble	Abney/JWD
TS 322 & 322R1 - Eliminate Main Steam Hi-Rad RPS Trip and the MSIV Closure Function (U0) (M86095-U1, M86096-U2, M86097-U3)	TBD	03/25/93 & 04/04/94	04/26/95	Trimble	Abney/ETK
TS 326 - Number of ADS Valves Req'd Operable (U1&3) (M84637-U1, M84638-U3)	05/31/94	09/28/92	06/22/95	Williams	Abney
TS 337 - Appendix R License Amendment (U3) (M87901-U2, M87902-U3)	11/01/94	09/30/93	06/06/95	Williams	Abney/SWA
TS 339 - Extended Load Line and Revised RBM Operability Requirements (Units 1 & 3); Deletion of Rated Recirc Flow Value and Administrative Change to Relocate APRM and RBM Rod Block Equations to COLR (Units 1, 2, and 3)	TBD	03/31/94	05/03/95	Williams	Abney/SAW
TS 340 - Diesel Generator Load Shedding (Unit 3)	TBD	03/30/94	05/20/95	Williams	Abney/SWA

BFN PROJECT PLAN

SALP			
Current SALP Period: September 19, 1993 to March 1995 (est.)			
TVA Mid-Cycle Presentation to NRC: July 1994 (Planned)			
Functional Areas and Ratings for Period of May 24, 1991 to May 23, 1992:		Functional Areas and Ratings for Period of May 24, 1992 to September 18, 1993:	
- Plant Operations	1	- Plant Operations	1
- Maintenance/Surveillance	2	- Maintenance	2
- Engineering/Technical Support	2	- Engineering	2
- Radiological Controls	1	- Plant Support	1
- Emergency Preparedness	1		
- Security	2		
- Safety Assessment/ Quality Verification	2 Improving		

LICENSEE EVENT REPORTS AND NOTICES OF VIOLATION	MILESTONE DATE	NRC CONTACT	TVA CONTACT
IR 94-06 - 1 Violation - Failure to Perform a PMT for Diesel Fire Pump Auto Start Logic	05/04/94	Patterson	Wells
LER 259/94002 - Non Compliance with 10CFR20, Appendix R, Criterion III.G.2	05/12/94	Patterson	Wells
LER 296/94001 - Diesel Generators 1/2A and 3D Were Simultaneously Declared Inoperable Resulting in Two Trains of SGT Being Inoperable	05/12/94	Patterson	Wells

BFN PROJECT PLAN

SUBMITTALS	SUBMITTAL DATE	NRC CONTACT	TVA CONTACT
Redacted Version of 03/03/94 Enforcement Conference Presentation	04/15/94 "A"	Williams	Abney/SAW
Bulletin 93-02, Sup 1 - Debris Plugging of ECCS Strainers	04/19/94 "C"	Williams	Abney/SMK
Annual Operating Dose Report	04/30/94 "C"		Abney/DEM
Safeguards Event Log	04/30/94 "C"		Wells/ETK
IST Program Relief Request PV-25 RHR Valves 74-54 & 68 Determine if Testing These Valves Open With Flow is Practicable and Response to Discrepancies in IST SER Dated 10/22/93	05/02/94 "C"	Williams	Abney/DEM
Reactor Operator License Renewal (TLC, GVL, JMC, LDJ, RLK, JTK, and DRB)	05/08/94 "C"	Lawyer	Wells/JEW
Monthly Operating Report - April	05/13/94 "C"	Trimble	Abney/SAW
Revision to Technical Specification Bases	05/13/94 "A"	Trimble	Abney/SAW
Appendix R - Fire Protection Report Supplement	05/15/94 "A"	Williams	Wells/DSK
Candidates for RO & SRO Licensing Exam	05/17/94 "C"	Lawyer	Wells/JEW
Response to Employee Concerns	05/20/94 "C"		Wells/JEW
Reactor Operator License Renewal (DRB)	06/15/94 "C"	Lawyer	Wells/JEW
Bulletin 93-02, Sup 1 - Debris Plugging of ECCS Strainers (Followup)	06/20/94 "C"	Williams	Abney/SMK
Senior Reactor Operator License Renewal (MWA)	06/21/94 "C"	Lawyer	Wells/JEW
Reactor Operator License Renewal (REP and ROM)	07/12/94 "C"	Lawyer	Wells/JEW
FSAR Amendment 11	07/22/94 "C"	Williams	Abney/LNI
Update IST Program to Address 11 Anomalies in October 22, 1993 SER	10/22/94 "C"	Williams	Abney/DEM
Expanded PRA (Including Dependency Matrices)	01/18/95 "A"	Williams	Abney/SMK
NRC Bulletin 93-03 - Notification of Completion of Hardware Mod	TBD "C"	Williams	Abney/DEM

BFN PROJECT PLAN

NRC COMMITMENTS	UNIT 2 AND 0		U3 RESTART	U3 TOTAL
Licensee Event Reports and Inspection Items	15	(23)	67	67
Nuclear Performance Plan	4	(5)	21	23
Generic Letters	13	(11)	13	16
Bulletins	3	(3)	13	13
NUREG	2	(2)	16	16
CATD	17	(14)	0	0
Other	18	(18)	68	76
TOTAL	72	(76)	198	211
REGION II INSPECTOR ITEMS - UNIT 2	WITH TVA		WITH NRC	TOTAL
Violations	10	(4)	1	11
Unresolved Items	6	(5)	2	8
Inspector Followup Items	11	(7)	0	11
Licensee Event Reports	6	(6)	0	6
Deviations	1	(1)	0	1
TOTAL	34	(23)	3	37
UNIT 3	NON_RESTART	RESTART	WITH NRC	TOTAL
Violations	7	2	1	10
Unresolved Items	4	7	2	13
Inspector Followup Items	11	12	0	23
Licensee Event Reports	4	19	1	24
Deviations	2	0	0	2
TOTAL	28	40	4	72

Legend: () - Status as of 03/28/94

BFN PROJECT PLAN

NUREG-0737 (TMI ACTION PLAN) ITEMS:	MODIFICATION AND TESTING COMPLETION DATE	RESPONSIBLE TVA MANAGER
Unit 3		
Item II.B.3, Post-Accident Sampling System (NCO830020002, NCO860326045 and NCO860482005) (M74617, M74614, M74613, M44425)	02/22/95	Rupert/LWI
Item I.D.1, Detailed Control Room Design Review (NCO870007004, NCO910015013 and NCO910195002) (M56106)	07/14/95	Rupert/SMK
Item I.D.2, Safety Parameter Display System (NCO850032003) (M74612, M51225)	05/04/94	Rupert/SMK
Item II.E.4.2.1-4, Containment Isolation Dependability - Implement Diverse Isolation (NCO820023007) (M74615)	05/25/95	Rupert/SWA
Item II.E.4.2.6, Containment Isolation Dependability - Containment Purge Valves (NCO820017078) (M74616)	05/10/95	Rupert/SMK
Item II.F.1.1-2, Noble Gas, Iodine/Particulate Monitors (NCO820017075 and NCO820017077) (M45047, M44905, M44976)	04/18/95	Rupert/SMK
Item II.F.1.3, Containment High Range Radiation Monitor (NCO820017014)	06/03/94	Rupert/SMK
Item II.F.1.4, Containment Pressure Monitor (NCO820017017) (M47584)	04/18/95	Rupert/SMK
Item II.F.1.5, Containment Water Level Monitor (NCO820017020) (M47655)	03/20/95	Rupert/SMK
Item II.F.2.4, Instrumentation for Detection of Inadequate Core Cooling (NCO850146004 and NCO850145007) (M45118)	05/09/95	Rupert/SMK
Item II.K.3.13, HPCI/RCIC Initiation Levels (NCO820017066) (M45534)	05/26/95	Rupert/SMK
Item II.K.3.18, ADS Actuation Modifications (NCO870083004 and NCO870083007) (M45682)	07/14/95	Rupert/SMK
Item II.K.3.28, Qualification of ADS Accumulators (NCO860184003) (M48262)	04/25/95	Rupert/SMK

BFN PROJECT PLAN

BULLETINS (B):	MODIFICATION AND TESTING COMPLETION DATE	RESPONSIBLE TVA MANAGER
B 79-02 - Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts (NCO860326080 and NCO860326083) (R00017-U3)	08/07/95	Rupert/JWD
B 79-12 - Short Period Scrams at BWR Facilities (NCO900008003) (R00017-U3)	06/02/95	Rupert/SAW
B 79-14 - Seismic Analysis for As-Built Safety-Related Piping Systems (NCO860326080 and NCO860326083)	08/07/95	Rupert/JWD
B 80-06 - Engineered Safety Feature Reset Controls (NCO820023007)	05/25/95	Rupert/SWA
B 83-08 - Electrical Circuit Breakers with an Undervoltage Trip Feature (NCO840054005)	06/13/94	Rupert/DEM
B 84-02 - Failures of General Electric Type HFA Relays (NCO840128004)	01/30/95	Rupert/LWI
B 86-02 - Static "O" Ring Differential Pressure Switches (NCO870212003 and NCO870212009)	05/25/95	Rupert/SAW
B 88-04 - Potential Safety Related Pump Loss (NCO880206011) (M69890-U3)	05/23/95	Rupert/DEM
B 88-07 - Power Oscillations in Boiling Water Reactors (NCO890053003) (M72769-U3)	06/02/95	Rupert/LWI
B 90-01 - Loss of Fill Oil in Rosemount Transmitters (NCO930050002) (M85362-U2, M85363-U3)	03/20/95	Rupert/DEM
B 93-02 - Debris Plugging of ECCS Strainers (NCO930126001 and NCO930126003) (M86537-U3)	06/29/95	Rupert/DSK
B 93-03 - Reactor Vessel Water Level Instrumentation (NCO930191002) (M86883-U2, M86884-U3)	11/29/94	Rupert/DEM

BFN PROJECT PLAN

GENERIC LETTERS (GLs)	MODIFICATION AND TESTING COMPLETION DATE	RESPONSIBLE TVA MANAGER
Unit 2:		
GL 87-02 - Verification of Seismic Adequacy of Mechanical and Electrical Equipment Operating Reactors (M69431-U2)	03/19/96	Abney/JWD
GL 88-20, Sup. 4 - Individual Plant Examination of External Events (Unit 0) (M83596-U2, M74385-U2, M83597-U3, M74386-U3) (NCO920021002, 003, 004)	03/19/96	Rupert/SMK
GL 89-10 - Safety Related Motor Operated Valve Testing (M75636, M87922)	12/12/94	Rupert/JWD
Unit 3:		
GL 82-33 - Instrumentation to Follow the Course of an Accident (NCO860272003, NCO880183003, NCO880183006 and NCO880183007) (M51075)	05/18/95	Rupert/SMK
GL 83-28 - Salem ATWS (Items 1.2 and 4.5.3) (NCO840160003)	05/04/94	Rupert/SMK
GL 87-02 - Verification of Seismic Adequacy of Mechanical and Electrical Equipment Operating Reactors (NCO930045006) (M69432)	03/19/96	Abney/JWD
GL 88-01 - Intergranular Stress Corrosion Cracking (NCO930038003 and NCO930038006) (M85296)	08/03/95	Abney/DEM
GL 88-14 - Instrument Air Supply System Problems Affecting Safety-Related Equipment (NCO890050014, NCO890050022 and NCO890050027) (M71633)	06/02/95	Rupert/DEM
GL 89-06 - Safety Parameter Display System (NCO850032003) (M73636)	05/04/94	Rupert/SMK
GL 89-08 - Implement for Unit 3 Prior to Restart a Long-Term E/C Monitoring Program (Single and Dual Phase Piping) (NCO930042002) (M73459)	10/09/94	Rupert/DEM
GL 89-10 - Safety Related Motor Operated Valve Testing (NCO900006005) (M75637-U3, M87923-U3)	06/02/95	Rupert/JWD
GL 89-13 - Service Water Systems Problems (NCO900040009) (M73972)	05/09/95	Rupert/DEM
GL 89-16 - Installation of a Hardened Wetwell Vent (NCO890245003) (M74860)	10/31/94	Rupert/SMK
GL 92-04 - Reactor Vessel Water Level Instrument (NCO930191002) (M86884)	11/25/94	Rupert/DEM

BFN PROJECT PLAN

UNRESOLVED SAFETY ISSUES (USIs) (Unit 3):	MODIFICATION AND TESTING COMPLETION DATE	RESPONSIBLE TVA MANAGER
USI A-7 - Mark I Long-Term Program (NCO820026018, NCO910078001, NCO910078004 and NCO910078005) (M80686, M07931)	05/02/95	Rupert/JWD
USI A-9 - Anticipated Transients Without Scram [10 CFR 50.62] (NCO850447003)	05/16/95	Rupert/SMK
USI A-24 - Qualification of Class 1E Equipment (NCO860326149) (M42483)	08/07/95	Rupert/ETK
USI A-36 - Control of Heavy Loads Near Spent Fuel Pool (NCO860477004)	05/16/95	Rupert/DSK
USI A-42 - Pipe Cracks in Boiling Water Reactors (NCO930038003 and NCO930038006)	08/03/95	Hartwig/DEM
USI A-44 - Station Blackout [10 CFR 50.63] (NCO910216003 and NCO920148002) (M68519)	02/13/95	Rupert/SWA
USI A-48 - Hydrogen Control Measures and Burn Effects (NCO860184003)	04/25/95	Rupert/SMK
GENERIC SAFETY ISSUES (GSIs) (Unit 3):		
GSI 40 - Safety Concerns Associated with Pipe Breaks in Scram Systems (NCO910035002) (M43736)	08/08/95	Rupert/LWI
GSI 41 - BWR Scram Discharge Volume System (NCO820089004) (M51014)	09/13/94	Rupert/SMK
GSI 43 - Reliability of Air Systems (NCO890050014, NCO890050022 and NCO890050027)	05/23/95	Rupert/SMK
GSI 51 - Improving Service Water System Reliability (NCO900004009)	05/09/95	Rupert/DEM
MULTI-PLANT ACTION ITEMS (MPAs) (Unit 3):		
MPA A-01 - 10 CFR 50.55A(G) - Inservice Inspection	Complete	Rupert/DEM
MPA A-04 - 10 CFR 50, App. J - Containment Leak Testing (NCO860095014, NCO860095021, NCO860095026, and NCO910046003) (M08717)	05/21/95	Rupert/SMK
MPA B-41 - 10 CFR 50, App. R - Fire Protection (NCO860326100, NCO920023001, NCO920023005, and NCO920023008) (M48136)	08/11/95	Rupert/SWA
MPA C-10 - Heavy Loads - Phase I (NUREG-0612) (NCO860477004)	05/16/95	Rupert/SMK
MPA C-11 - RPS Power Supply (NCO840054005)	06/13/94	Rupert/DEM