

AUG 12 1992

Docket No. 50-333

MEMORANDUM FOR: File

FROM: Curtis J. Cowgill, Chief
Projects Branch No. 1

SUBJECT: JULY 29, 1992 MANAGEMENT MEETING TO DISCUSS
FITZPATRICK CURRENT OUTAGE STATUS

On July 29, 1992, Harry P. Salmon, Resident Manager, FitzPatrick, met with the NRC staff at the NRC Region I Office. The purpose of the meeting was to discuss the status of the FitzPatrick 1992 refueling outage. Mr. Salmon's briefing was outlined in a handout provided to the NRC staff (Enclosure 1). Mr. Salmon also provided the NRC staff with a copy of the June 1992 Assessment of the FitzPatrick Results Improvement Program executive summary (Enclosure 2) and a copy of the FitzPatrick Startup Plan, dated July 27, 1992 (Enclosure 3).

This management meeting was open to the public and a list of attendees is attached (Enclosure 4).

ORIGINAL SIGNED BY:

Curtis J. Cowgill, Chief
Projects Branch No. 1

Enclosures:
As stated

cc w/encls:
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Local Public Document Room (LPDR)

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cc w/o encls:

T. Martin, RA

W. Kane, DRA

W. Hehl, DRP

J. Wiggins, DRP

P. Eselgroth, DRP

L. Bettenhausen, DRS

R. Urban, DRP

J. Tappert, DRP

W. Cook, SRI - FitzPatrick

R. Capra, NRR

B. McCabe, NRR

RI:DRP
JTappert/mjc

8/5/92

RI:DRP
PEselgroth

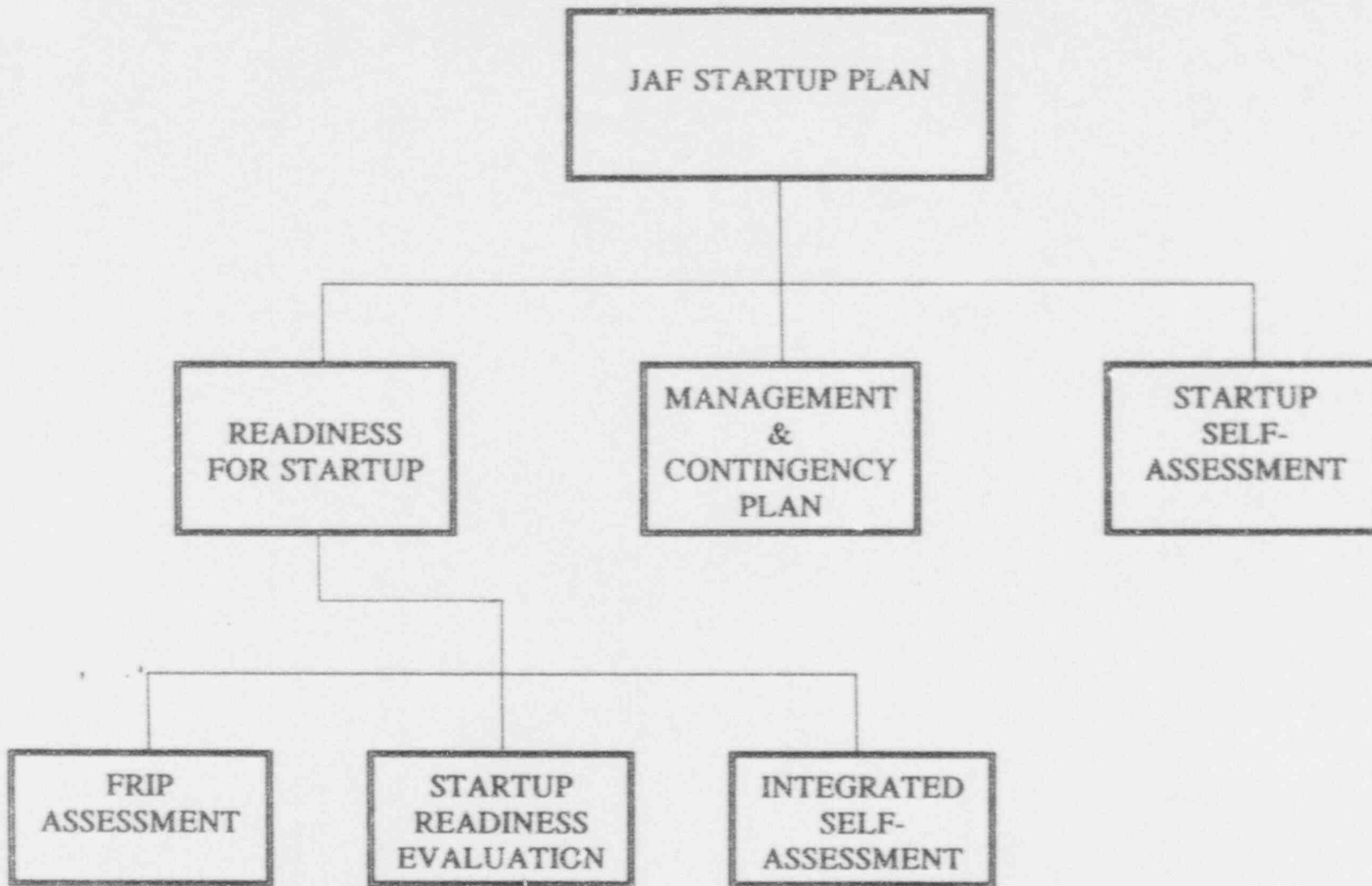
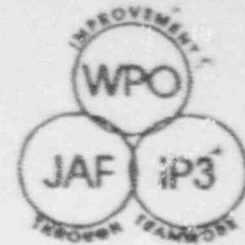
8/6/92

RI:DRP
CCowgill

8/7/92

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JAMES A. FITZPATRICK STARTUP PLAN

- FORMAL MANAGEMENT PROCESS TO ENSURE THE SAFE AND ORGANIZED RETURN TO SERVICE OF THE JAMES A. FITZPATRICK NUCLEAR POWER PLANT

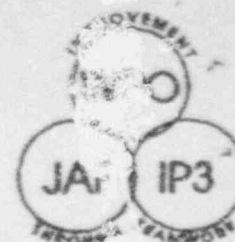
- THREE MAJOR POINTS
 - I. PLANT READINESS FOR STARTUP
 - II. STARTUP MANAGEMENT AND CONTINGENCY PLAN
 - III. STARTUP SELF-ASSESSMENT PLAN

- INCLUDES CORPORATE OVERSIGHT AND PARTICIPATION
 - I. ASSESSMENT OF FITZPATRICK RESULTS IMPROVEMENT PROGRAM PROGRESS
 - II. STARTUP READINESS EVALUATION (SURE)
 - III. INTEGRATED ASSESSMENT PLAN



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PLANT READINESS FOR STARTUP

SPELLS OUT ACTION NECESSARY TO CLEARLY ASSURE MATERIAL
AND ADMINISTRATIVE READINESS FOR STARTUP

- FORMAL PROCEDURE TO ENSURE REQUIRED
OUTAGE WORK IS COMPLETE AND TECHNICAL
ISSUES RESOLVED
- PLANT LEADERSHIP TEAM ROLE
- HEATUP AND STARTUP MILESTONES
- ADDITIONAL ON-SHIFT SENIOR NUCLEAR
MANAGER TO SUPPORT THE SHIFT SUPERVISOR



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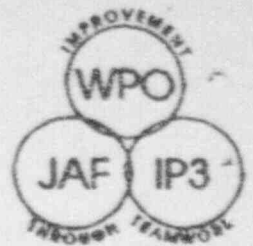
STARTUP MANAGEMENT AND CONTINGENCY PLAN

- DESCRIBES ADDITIONAL MANAGEMENT SUPPORT PROVIDED DURING STARTUP
- PROVIDES PERSONNEL SUPPORT REQUIREMENTS (BOTH ON SITE AND CALL IN)
- PROVIDES EXPECTATIONS REGARDING PREPARATION OF CONTINGENCY PLANS



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STARTUP SELF-ASSESSMENT PLAN

- ASSESSES RESULTS OF OUR EFFORTS TO IMPROVE
 - SAFETY
 - QUALITY
 - PROCEDURAL COMPLIANCE

- PROVIDES FOR LESSONS LEARNED TO BE INCORPORATED INTO PRESENT AND FUTURE IMPROVEMENTS

- EMPHASIZES ACTIVE INVOLVEMENT BY THE LINE ORGANIZATION EXERCISING AND EVALUATING OUR ESTABLISHED PROCESSES

- TIMELY OBSERVATION, EVALUATION AND FEEDBACK TO THE PLANT LEADERSHIP TEAM

- PERMITS INFORMED DECISIONS BY THE RESIDENT MANAGER REGARDING STARTUP PROGRAM



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PLANT READINESS FOR STARTUP

- I. PROCESS
- II. STARTUP LISTS (LIST OF LISTS)
- III. SCHEDULE
 - KNOWN'S
 - UNKNOWN'S
- IV. NRC SUPPORT
- V. TECHNICAL ISSUES

- VI. MATERIAL STATUS
 - WR'S
 - MODS
 - C.R. DEFICIENCIES
 - HPCI STATUS
- VII. PROCEDURE UPDATES
- VIII. TRAINING
- IX. NYPA ASSESSMENT



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READINESS FOR STARTUP PROCESS

- IDENTIFIED ALL MANAGEMENT SYSTEMS THAT RECORD DEFICIENCIES, MADE LIST OF LISTS (LOL)
- ASSIGNED MANAGEMENT OF INDIVIDUAL LISTS TO GENERAL MANAGERS
- FORMALIZED PROCEDURE FOR ON-GOING SCREENING OF ITEMS FROM IOL TO ACTS/STARTUP IN PSO-64 (OUTAGE CLOSEOUT/READINESS FOR STARTUP)

STARTUP LIST ASSIGNMENTS FOR 1992 REFUEL OUTAGE

- | | |
|--|---|
| GMM WORK REQUESTS | GMO CHEMISTRY IMPROVEMENT PROGRAM |
| GMM MODIFICATIONS | GMO JUMPER REDUCTION |
| GMM OFF-GAS SYSTEM ACTION PLAN | GMO MANAGEMENT OBSERVATION PROGRAM |
| GMM MODIFICATION FOLLOW-UP LIST | GMO ATTS RELAY PROGRAM |
| GMO GENERIC LETTER 83-28 NYPA QA AUDIT | GMO SYSTEM, PERFORMANCE, AND TECHNICAL SERVICES ENGINEERING MEMORANDUMS |
| GMO NUCLEAR GENERATION BUSINESS PLAN | GMO DIESEL BATTERY GROUND PROBLEM RESOLUTION |
| GMO OPERATING EXPERIENCE/VENDOR INFORMATION (OE/VI) PROGRAM (PSO 28) | GMO ANNUNCIATOR SYSTEM PROBLEM RESOLUTION |
| GMO CONTROL ROOM DEFICIENCY REDUCTION | |



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STARTUP LIST ASSIGNMENTS FOR 1992 REFUEL OUTAGE

- | | |
|---|--|
| GMS RESULTS IMPROVEMENT PLAN | GMS NRC INSPECTION REPORTS |
| GMS PORC OPEN ITEMS LIST | GMS AUDIT AND SURVEILLANCE RECOMMENDATIONS |
| GMS EMERGENCY PLANNING CORRECTIVE ACTION REPORTS (EPCARs) | GMS ESW SSFI DEFICIENCIES |
| GMS ADVERSE QUALITY CONDITION REPORTS (AQCRs) | GMS OR/LER CORRECTIVE ACTIONS |
| GMS SAFETY REVIEW COMMITTEE OUTSTANDING ITEM LIST | GMS JAF LICENSING BI-WEEKLY STATUS REPORT |
| GMS CORRECTIVE ACTION REPORT STATUS (CORPORATE QUALITY ASSURANCE) | GMS EPIC UPGRADE PROGRAM |
| GMS FIRE PROTECTION IMPROVEMENT PLAN | GMS QA AUDIT RESPONSE 91-05 BWR LICENSING ACTIVITIES |



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SCHEDULE

FUEL LOAD	AUGUST 24th
REACTOR REASSEMBLY	SEPTEMBER 5th
REACTOR VESSEL LEAK TEST	SEPTEMBER 10th
START VALVE LINEUPS	SEPTEMBER 14th
STARTUP	SEPTEMBER 26th
ON LINE	SEPTEMBER 30th

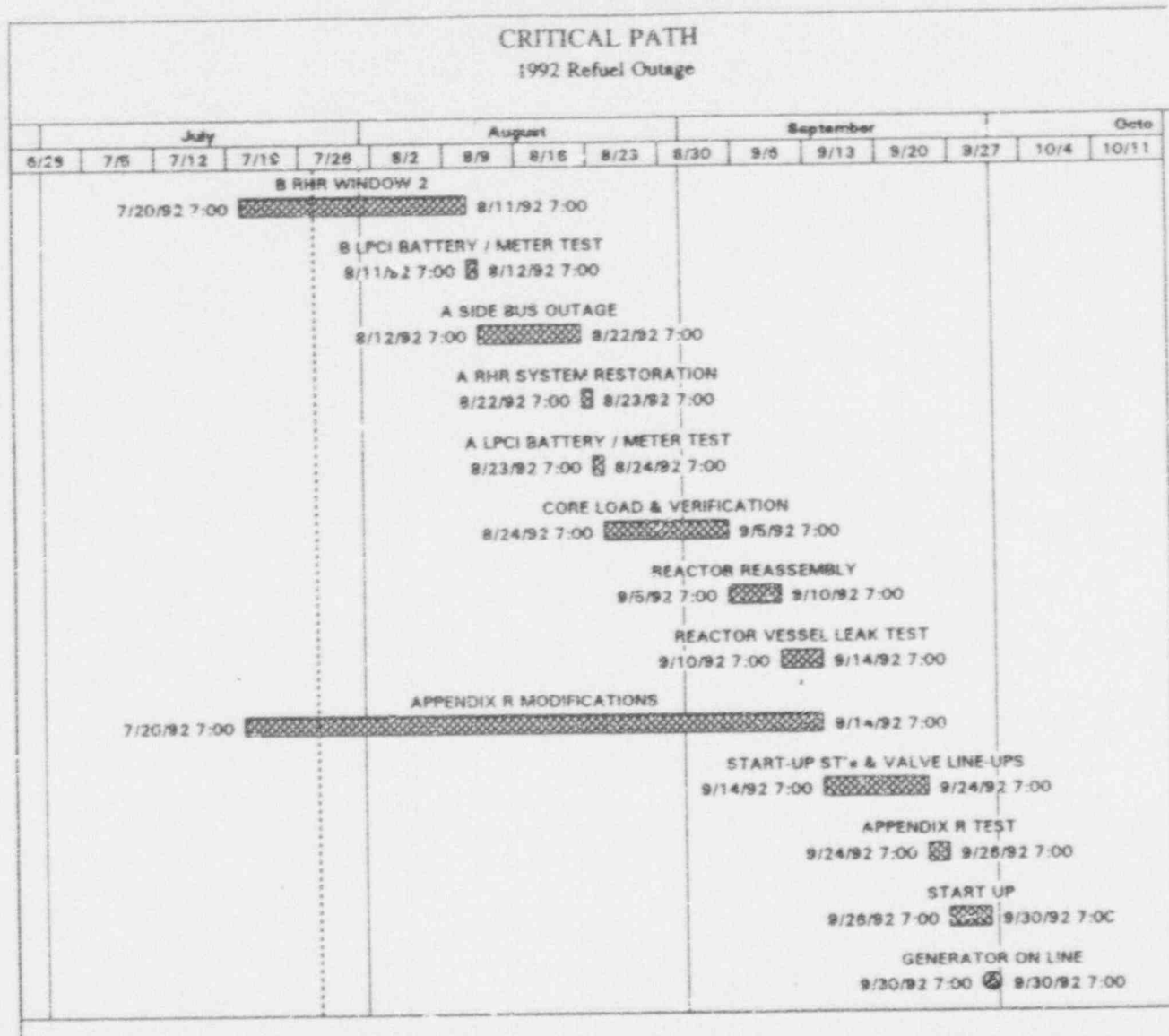


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CRITICAL PATH





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OUTAGE LICENSING ACTIONS

NRC APPROVAL REQUIRED PRIOR TO STARTUP

- | | |
|---|-------------------------|
| 1. CIV 9 (TABLE 3.7-1) DELETION
TECH SPECS | AMEND 173
(12/2/91) |
| 2. RHR SHUTDOWN FLOW RATE
TECH SPECS | AMEND 174
(12/17/91) |
| 3. HPCI/RCIC OPERABILITY TECH
SPECS FOR VESSEL PRESSURE TEST | AMEND 179
(3/9/92) |
| 4. RPV HEAD SPRAY TECH SPECS | AMEND 181
(7/14/92) |
| 5. ATTS RESPONSE TIME TEST
TECH SPECS | JPN-92-030
(6/22/92) |
| 6. APPENDIX R RELIEF REQUESTS | JPN-92-032
(6/26/92) |
| 7. IST RELIEF REQUESTS | JPN-92-026
(6/1/92) |
| 8. REACTOR VESSEL HEAD
INSPECTION RESULTS | JPN-92-036
(7/9/92) |
| 9. IGSCC INSPECTION RESULTS | JPN-92-040
(7/17/92) |

SUBMITTAL TO NRC REQUIRED PRIOR TO STARTUP (NRC Approval Not Required)

- | | |
|---|--|
| 1. OG FLOW RATE TECH
SPEC | SENT TO
PORC
JAG-92-136
(7/17/92) |
| 2. RWCU TEMP DETECTOR
TECH SPEC | SENT TO
PORC
JAF-92-130
(7/15/92) |
| 3. FIRE PROTECTION TECH
SPEC (Battery Room
Corridor Only) | IN
PROGRESS |
| 4. CORE SPRAY FLOW
RATE TECH SPEC | IN
PROGRESS |



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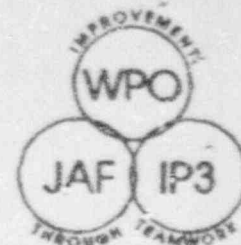
MAJOR TECHNICAL TASKS REQUIRING RESOLUTION PRIOR TO STARTUP

1. SELECTED DEOs
2. FIRE PROTECTION PROGRAM ISSUES
3. APPENDIX R MODIFICATIONS/COMPENSATORY ACTIONS
4. FOXBORO CABINET SEISMIC QUALIFICATION
5. OPERATING EXPERIENCE REVIEW
6. MEL RECLASSIFICATION OPERABILITY ASSESSMENT
7. NYPA READINESS FOR RESTART REVIEW
8. RESOLUTION OF RPV HEAD NON-DESTRUCTIVE EXAMINATION
(WAITING NRC APPROVAL)
9. HPCI/RCIC CONTAINMENT ISOLATION VALVES



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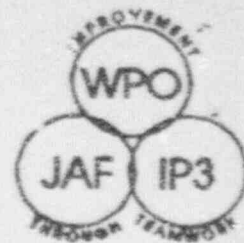
MAJOR TECHNICAL TASKS REQUIRING RESOLUTION PRIOR TO STARTUP

10. ATTS RELATED CONCERNS (PM PROGRAM, ETC.)
11. SAFETY PUMP ROOM VENTILATION/SRFA REVIEW
12. GENERIC LETTER 83-28 AUDIT RESOLUTION
13. TORUS TEMPERATURE RTD - OPERABILITY IMPACT
14. ESW/EDG RETURN LINE - OPERABILITY IMPACT
15. LPCI MOTOR OPERATED VALVE INVERTER EQ ISSUE RESOLUTION
16. ESW/SSFI FOLLOWUP ACTIONS
17. CONTROL ROOM ANNUNCIATORS
18. EDG GROUND ISSUES



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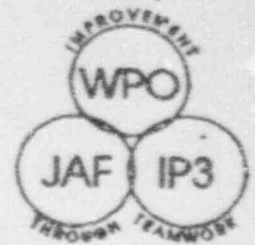
MAJOR TECHNICAL TASKS REQUIRING RESOLUTION PRIOR TO STARTUP

19. SECONDARY CONTAINMENT
20. ACCU'S
21. RECIRCULATION SYSTEM PIPE SUPPORTS
22. ISI PRESSURE TEST AQCR'S
23. DUAL FUNCTION CIV'S
24. 10CFR50, APPENDIX J REVIEW
25. NRC INFORMATION NOTICE 92-35 [COMPLETE]
26. SBM SWITCH - OPERABILITY IMPACT
27. HGA RELAY - OPERABILITY IMPACT
28. REACTOR VESSEL LEVEL CONDENSATE POTS
(MILLSTONE ISSUE)



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MATERIAL STATUS WORK REQUESTS

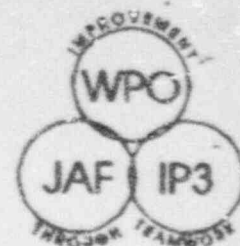
	<u>11/1/91</u>	<u>7/2/92</u>
WR'S OPEN	2572	3144
WR'S TO COMPLETE OUTAGE		1026
WR'S - PRIORITY 1		89
CONTROL ROOM DEFICIENCIES		65
WORK REQUESTS WORKED NOV. - JULY	← ----- 2840 ----- →	

3144 INCLUDES 476 REQUESTS FOR ENGINEERING SERVICES



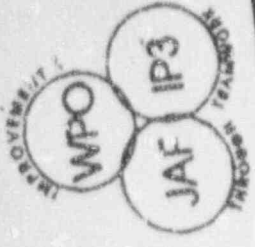
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MATERIAL STATUS MODIFICATIONS

1992 OUTAGE PLAN	71
ACTUAL MODS	137
(INCLUDING 31 FIRE PROTECTION)	
DESIGN EQUIVALENT MODS	68

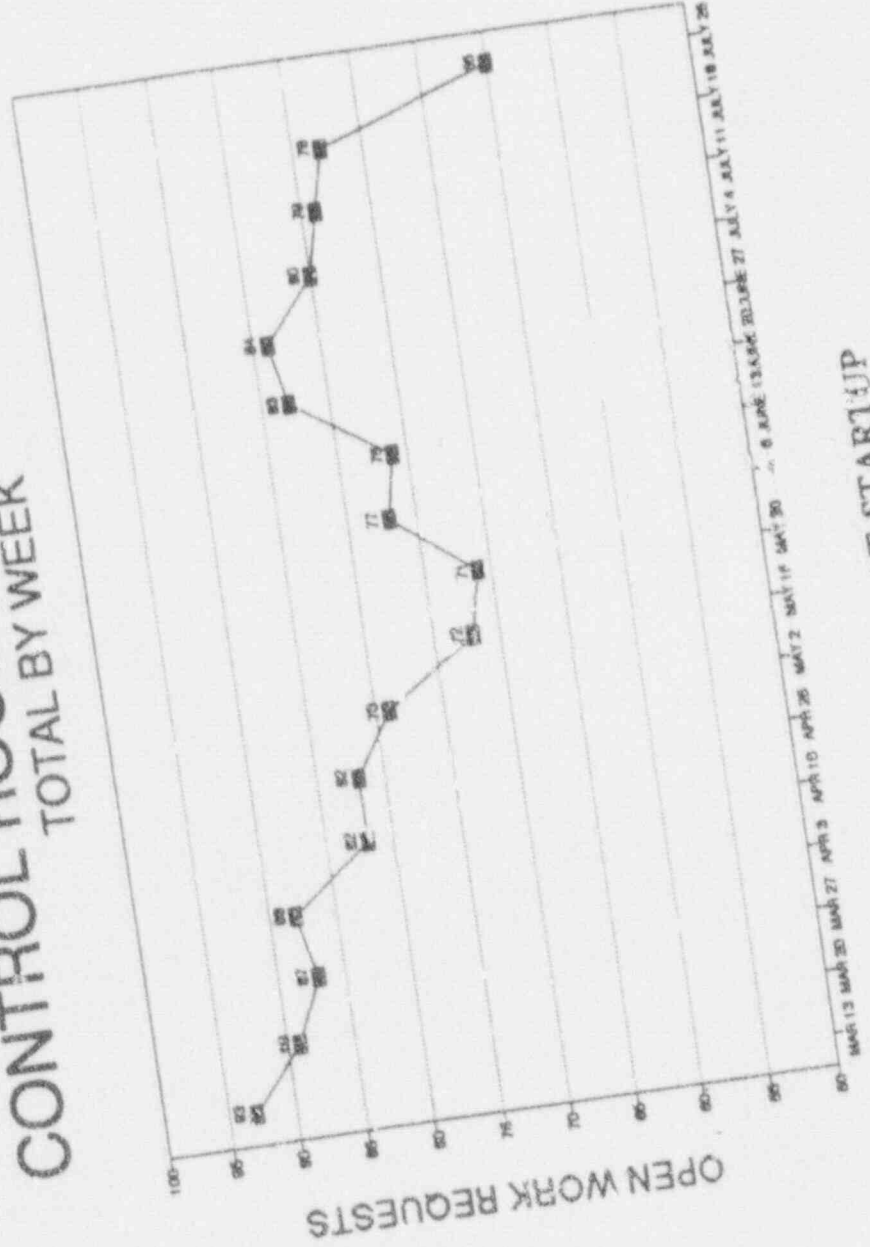


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MATERIAL STATUS CONTROL ROOM DEFICIENCIES

**CONTROL ROOM DEFICIENCIES
TOTAL BY WEEK**

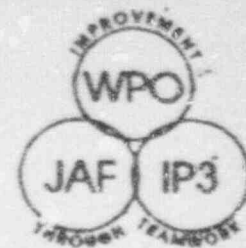


GOAL 20 AT STARTUP



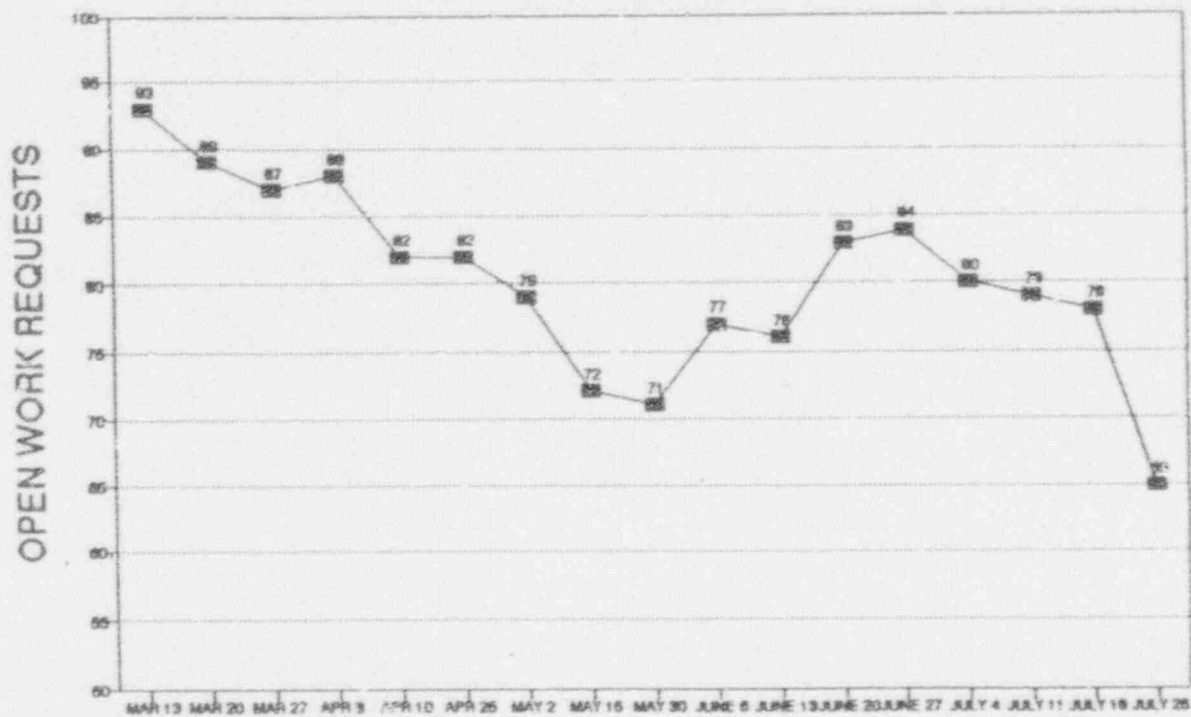
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MATERIAL STATUS CONTROL ROOM DEFICIENCIES

CONTROL ROOM DEFICIENCIES TOTAL BY WEEK



GOAL 20 AT STARTUP



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MATERIAL STATUS HPCI SYSTEM - 1992 REFUEL OUTAGE

NUMBER OF WORK REQUESTS PLANNED 107

NUMBER OF COMPLETED WR'S 7/25/92 71

NUMBER OF WR'S CURRENTLY WORKING 13



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MAINTENANCE DEPARTMENT PROCEDURE UPGRADE PROGRAM

- 198 OF 206 SAFETY-RELATED PROCEDURES UPGRADED - SCHEDULED COMPLETION AUGUST 31, 1992
- APPROXIMATELY 44 OF 92 NON-SAFETY RELATED PROCEDURES UPGRADED - ON SCHEDULE FOR DECEMBER 31, 1992 COMPLETION



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I&C DEPARTMENT PROCEDURE UPGRADE PROGRAM

- 2 OF 25 TEMPORARY CHANGES > 1 YEAR OLD REMAIN TO BE INCORPORATED INTO ISP'S (SURVEILLANCE TESTS) AS PERMANENT REVISIONS. DUE DATE 8/1/92
- 7 OF 9 TEMPORARY CHANGES > 1.5 YEARS OLD REMAIN TO BE INCORPORATED INTO IMP'S (I&C MAINTENANCE AND CALIBRATION PROCEDURES) AS PERMANENT REVISIONS. DUE DATE 11/1/92
- DEVELOPMENT OF PROCEDURES NEEDED FOR REGULATORY GUIDE 1.97 INSTRUMENTATION IS NEAR COMPLETION. DUE DATE 9/1/92
- DEVELOPMENT OF PROCEDURES NEEDED FOR ATTS RESPONSE TIME TESTING IS UNDERWAY. SIX OF 10 PROCEDURES HAVE BEEN PORC APPROVED.
- THREE I&C PROCEDURES IN NEW FORMAT ARE ISSUED. THIS INCLUDES ENHANCED ACCEPTANCE CRITERIA. GOAL IS TO REFORMAT 100 PROCEDURES PER YEAR.



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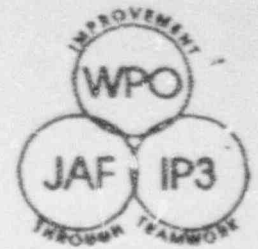
OPERATIONS DEPARTMENT PROCEDURE UPGRADE PROGRAM

- APPROXIMATELY 112 OF THE ORIGINAL 420 BACKLOGGED OPERATIONS DEPARTMENT PROCEDURES UPDATED - ON SCHEDULE TO ELIMINATE ORIGINAL BACKLOG BY APRIL 1993
- 297 NEW PROCEDURE REVISIONS IDENTIFIED TO CONTINUE PROCEDURE IMPROVEMENTS
- 66 PROCEDURE REVISIONS IDENTIFIED THAT ARE REQUIRED FOR STARTUP



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TRAINING

- TRAIN FIRE BRIGADES ON THE REVISED PREPLANS
- TRAIN OPERATORS ON THE REVISED APPENDIX R SHUTDOWN PROCEDURES
- COMPLETE TRAINING ON MODIFICATIONS (PLANT AND PROCEDURE CHANGES)
- STARTUP TRAINING FOR OPERATIONS (SIMULATOR) (IN PROGRESS)