

# ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9306160045    DOC. DATE: 93/06/10    NOTARIZED: NO    DOCKET #  
 FACIL: 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C    05000251  
 AUTH. NAME    AUTHOR AFFILIATION  
 PLUNKETT, T.F.    Florida Power & Light Co.  
 RECIP. NAME    RECIPIENT AFFILIATION  
 EBNETER, S.D.    Region 2 (Post 820201)

SUBJECT: Special rept: on 930525, nonsafety-grade standby feedwater pumps isolated for 18 h & 15 minutes to establish boundary to repair valve 4-20-130. Standby feedwater sys supply returned to svc. Marked-up administrative procedure encl.

DISTRIBUTION CODE: IE22D    COPIES RECEIVED: LTR 1    ENCL 1    SIZE: 18  
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

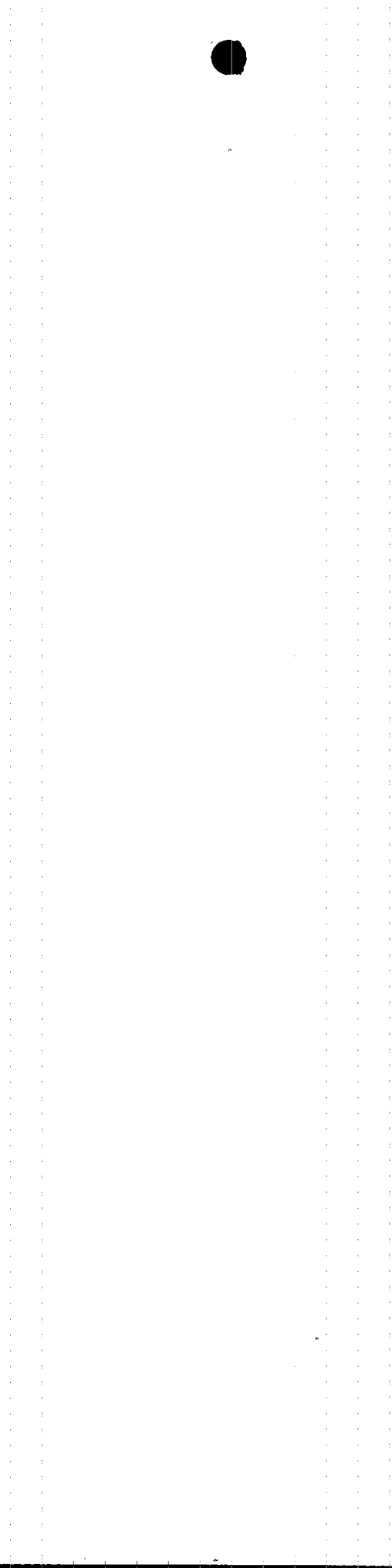
NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	
	PD2-2 LA RAGHAVAN, L	1 1 1 1	PD2-2 PD	1 1	
INTERNAL:	ACNW	2 2	AEOD/DOA	1 1	
	AEOD/DSP/TPAB	1 1	AEOD/ROAB/DSP	2 2	
	NRR/DE/EELB	1 1	NRR/DE/EMEB	1 1	
	NRR/DRCH/HHFB	1 1	NRR/DRCH/HICB	1 1	
	NRR/DRCH/HOLB	1 1	NRR/DRIL/RPEB	1 1	
	NRR/DRPW/OEAB	1 1	NRR/DRSS/PRPB	2 2	
	NRR/DSSA/SPLB	1 1	NRR/DSSA/SRXB	1 1	
	<del>REG FILE</del> 02	1 1	RES/DSIR/EIB	1 1	
	RGN2 FILE 01	1 1			
EXTERNAL:	EG&G BRYCE, J.H	2 2	L ST LOBBY WARD	1 1	
	NRC PDR	1 1	NSIC MURPHY, G.A	1 1	
	NSIC POORE, W.	1 1	NUDOCS FULL TXT	1 1	

NOTE TO ALL "RIDS" RECIPIENTS:

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FPL

JUN 10 1993

L-93-150  
10 CFR §50.36

Stewart D. Ebnetter  
Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta St., N.W., Suite 2900  
Atlanta, GA 30323

Mr. Stewart D. Ebnetter:

Re: Turkey Point Unit 4  
Docket No. 50-251  
Special Report - Standby Feedwater Pumps  
A and B Pumps Out of Service Due to Valve Repair

Both non-safety grade standby feedwater pumps were made inoperable in order to establish a boundary to allow the repair of a common valve. In accordance with Technical Specifications 3.7.1.6 and 6.9.2, the attached Special Report provides details of the event.

Should there be any questions on this information please contact us.

Very truly yours,

T. F. Plunkett  
Vice President  
Turkey Point Nuclear

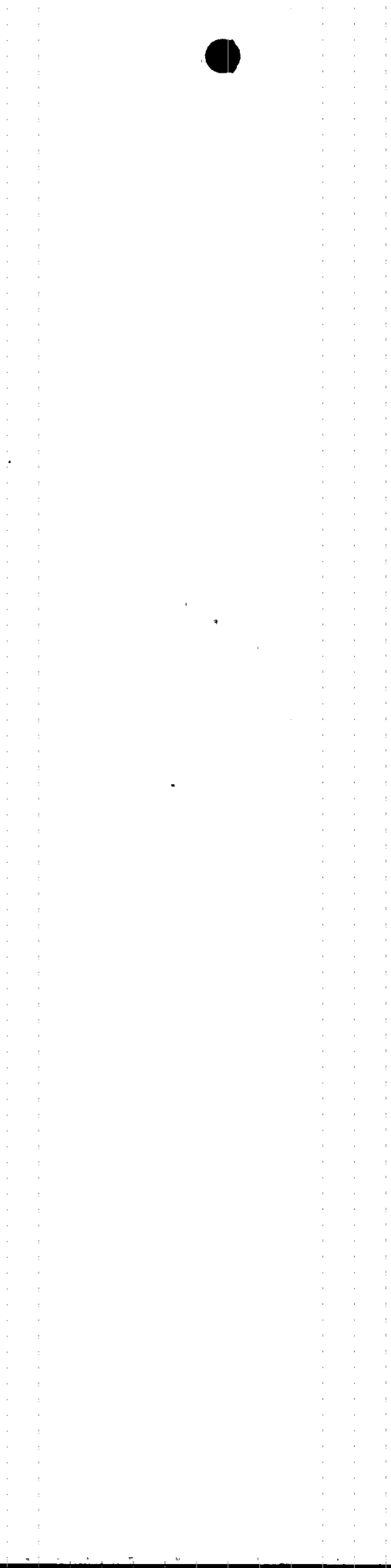
TFP/JEK/jk

Attachment

cc: USNRC, Document Control Desk, Washington D.C.  
Ross C. Butcher, Senior Resident Inspector, USNRC, Turkey Point Plant

150013

9306160045 930610  
PDR ADOCK 05000251  
S PDR



SPECIAL REPORT

**BOTH STANDBY FEEDWATER PUMPS UNAVAILABLE TO UNIT 4**

PURPOSE:

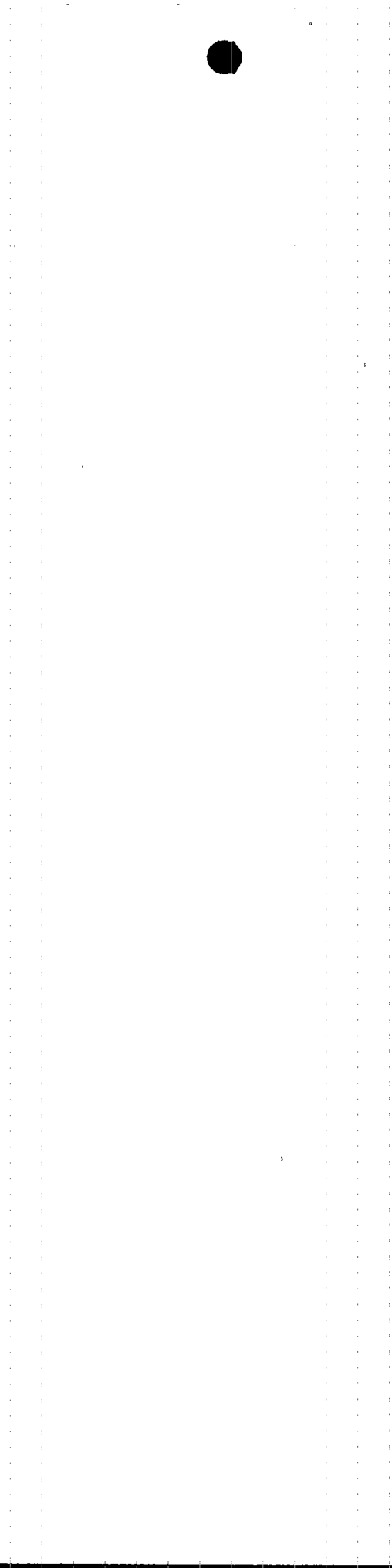
Technical Specification 3.7.1.6.b.2 requires the submission of a special report to the NRC if both standby feedwater pumps are inoperable. The Technical Specification requires the report to describe the cause of the inoperability, the actions taken and the schedule for restoration.

Background:

Turkey Point Nuclear has two non-safety grade standby feedwater pumps installed to supply feedwater to either the Unit 3 or Unit 4 steam generators, if needed. During the Unit 4 startup after refueling, valve 4-20-130, the upstream isolation valve for the main feedwater regulating valve bypass line, was found to need repair. This valve is the inlet isolation valve for flow control valve 4-479. To isolate valve 4-20-130, a boundary must be established around the valve such that no water would be allowed into the repair zone during the work process. The establishment of this boundary required the isolation of not only the normal feedwater path to the steam generators, but also the standby feedwater path, as well. Normal auxiliary feed water paths were maintained and used during the repair evolution. Unit 4 was maintained in Mode 2 during the repair process. Unit 3 was not affected by this isolation and remained at 100% rated power with standby feedwater available.

EVENTS:

At 0130 on May 25, 1993, plant personnel established a boundary to allow the repair of valve 4-20-130. This resulted in the isolation of the non-safety grade standby feedwater pumps from Unit 4. The boundary was lifted and the flow path availability using the standby feedwater pumps was reestablished on May 25, 1993, at 1945. The total time during which both the A and B standby feedwater pumps were not available to Unit 4 was 18 hours and 15 minutes. Notification to the NRC was made at 1045 on May 25, 1993, in accordance with Technical Specification 3.7.1.6.b.1.



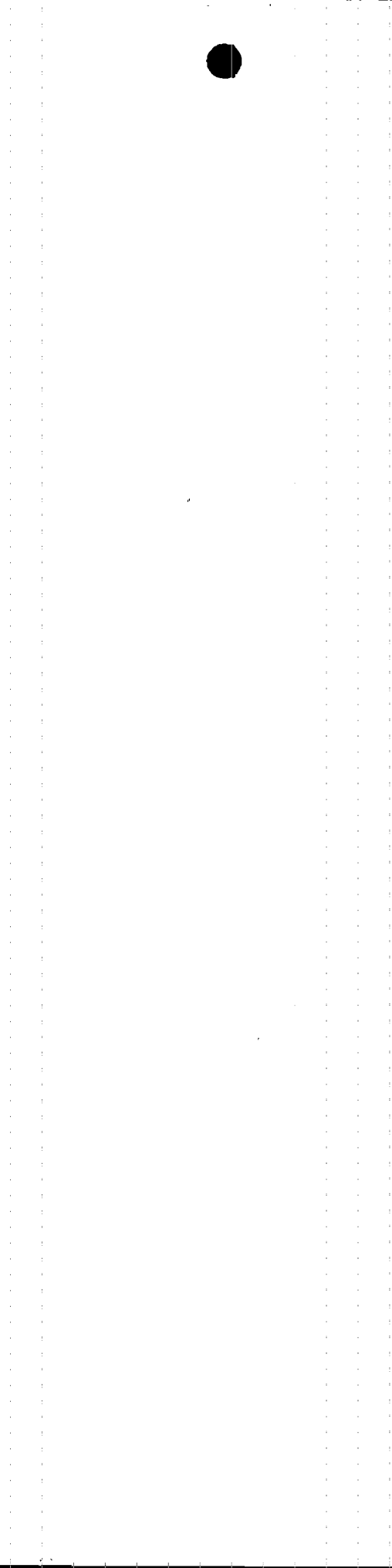
L-93-150  
Attachment  
Page 2

CAUSE AND ACTIONS TAKEN:

The cause of both pumps being out of service simultaneously, as discussed above, was the repair of valve 4-20-130, the upstream isolation valve for the main feedwater regulating valve bypass line. Valve 4-20-130, and the standby feed water to Unit 4, were isolated at 0130 on May 25, 1993 for repair of the valve.

SCHEDULE FOR RESTORATION:

The standby feedwater system supply to Unit 4 was returned to service after repair of the valve at 1945 on May 25, 1993.





NPS

SEVERITY LEVEL

- A.  3 working days
- B.  10 calendar days
- C.  25 calendar days
- D.  Other: DATE \_\_\_\_\_ TIME \_\_\_\_\_

# CONDITION REPORT

CR NO. 93-536  
 CHECK IF OUTAGE RELATED  
 PAGE 1 OF \_\_\_\_\_  
 DUE DATE 6/3/93

1. SYSTEM #/NAME 74 Feedwater UNIT 4 COMPONENT ID Both Stby SG Fd pps cas.  
 COMPONENT NAME Stby SG Fd Pumps LOCATION (BLDG/ELEV) Unit 4 18' Logdown Area  
 DISCOVERY DATE/TIME 5/25/93 0120 EVENT DATE/TIME 5/25/93 0130  
 CR ORIGINATOR Mark King, STA DEPT/EXT. Tech X-7374

2. (ATTACH ADDITIONAL PAGES AS NECESSARY)

(A) CONDITION DESCRIPTION Due to required repair to 4-20-130 (FCV-4-479 Inlet) both standby SG feed pumps to unit 4 were isolated by clearance 493-05-176-R. This is reportable to the NRC in accordance with AP-103.12 / T.S. 3.7.1.6. (Declared out of service at 0130).

(B) CAUSE Planned clearance for repair to 4-20-130 (FCV-4-479 Inlet) caused "both standby SG feed pumps to be declared out of service".

(C) IMMEDIATE ACTIONS TAKEN T.S. consulted, AP-103.12 reviewed, CR generated, NRC Resident notified @ 0120, Duty Call Supervisor notified @ 0140.

(D) RECOMMENDED ACTIONS Comply with T.S. 3.7.1.6 - notify NRC w/in 24 hrs. submit special report w/in 30 days; return stby feed pumps to service.

(E) DEPARTMENT/PERSONNEL/ADDITIONAL REFERENCES  
Ox-shift NPS: D. Vettorile Attachments U-4 ANPS Log  
U-4 ANPS T. Jones T.S. 3.7.1.6  
Clearance 4-93-05-176-R

3. ORIGINATOR REQUESTS COPY OF CLOSED CONDITION REPORT  YES  NO  
 SUPERVISOR NOTIFICATION: N/A  N/A  
 (SUPERVISOR NAME/SIGNATURE)

4. OPERABILITY/REPORTABILITY DETERMINATION:

- A. OPERABILITY ASSESSMENT REQUIRED (3 WORK DAYS)
- B. NRC PHONE NOTIFICATION (ATTACH ENS WORKSHEET) [24 hr. reportable]  POTENTIAL MODE HOLD FOR ENTRY INTO MODE \_\_\_\_\_
- C. NO OPERABILITY CONCERN/NOT REPORTABLE
- D. OTHER \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
 NPS SIGNATURE [Signature] DATE/TIME 5-25-93 1120

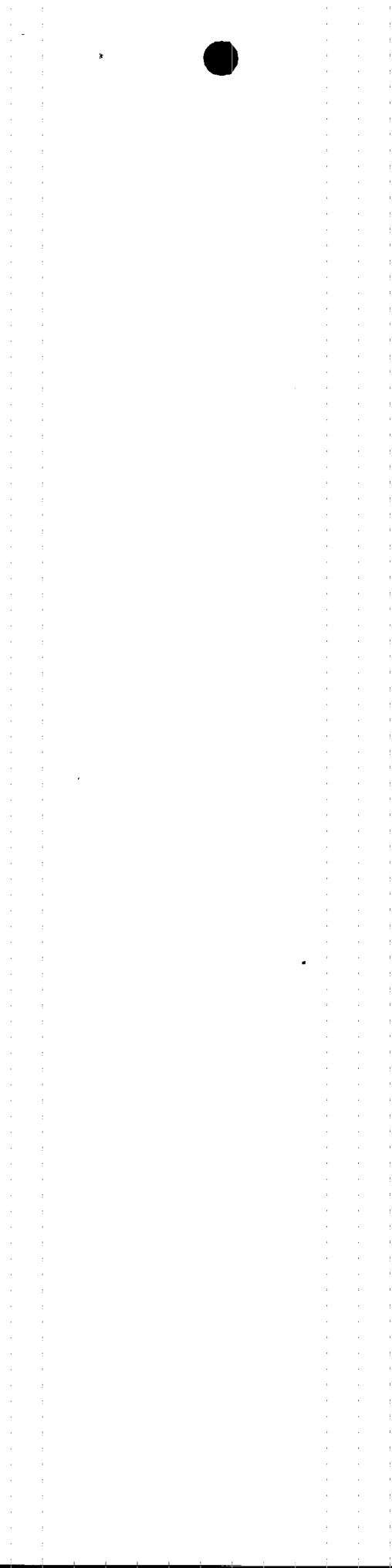
5. CONDITION REPORT ASSIGNED TO: Ed Weinkum

COMMENTS: \_\_\_\_\_  
 SELECT ONE:  
 NP-700 REPORT DUE DATE \_\_\_\_\_  ROOT CAUSE ANALYSIS  INVESTIGATE & CORRECT  
 PLANT GENERAL MANAGER [Signature] DATE 5/25/93

ORIGINATOR

NPS

PGM



TECH ENG  
ASSIGNEE  
STA & TECH MGR  
PNSC  
POM

6.  NONCONFORMANCE  OTHER (IDENTIFY) N/A BY: J.M. Davis / [Signature]  
PRINT SIGNATURE

7. INVESTIGATION ANALYSIS, CORRECTIVE ACTIONS, DISPOSITION DETAILS, WORK INSTRUCTIONS (ATTACH ADDITIONAL PAGES AS NECESSARY)  
 The repair clearance for valve 4-20-130 repair resulted in the isolation of both standby Feedwater pumps from Unit 4. This was a planned evolution and had no effect on the Unit 3 capabilities of the pumps. Required notifications of the URC were made in a timely manner. Isolation of the pumps occurred at 0130 on May 25, 1993.  
 A special report will be written and sent to the URC. The requirement for this report will be tracked as CTRAC # 93-0354-04 to be completed by June 25, 1993.

8. DOCUMENTATION INITIATED:  N/A  
 PWO \_\_\_\_\_ EQ  YES  NO  
 REA \_\_\_\_\_ 10CFR50.59 REVIEW REQ'D  YES  NO  
 PCM \_\_\_\_\_ POTENTIAL 10CFR21  YES  NO  
 OTHER Special Report ASME SECTION XI  YES  NO

9. DISPOSITION:  N/A  REWORK  REPAIR  USE AS-IS  OTHER write the Special Report  
(\* = See definitions in O-ADM-518)

10. DISPOSITION SIGNATURES: (Print/Signature)\* = N/A if not applicable. PNSC REVIEW?  YES  NO PNSC MUST REVIEW SPECIAL RPT  
 PREPARER J.E. Kupper EXT: 6757 DATE 5-26-93  
 DEPT. HEAD CONCUR F.J. Wenden / [Signature] DATE 5/26/93  
 DEPARTMENT HEAD E.J. Wenden / [Signature] DATE 5/26/93  
 ASME XI REVIEWER: N/A / [Signature] DATE \_\_\_\_\_  
 ANII REVIEWER: N/A / [Signature] DATE \_\_\_\_\_

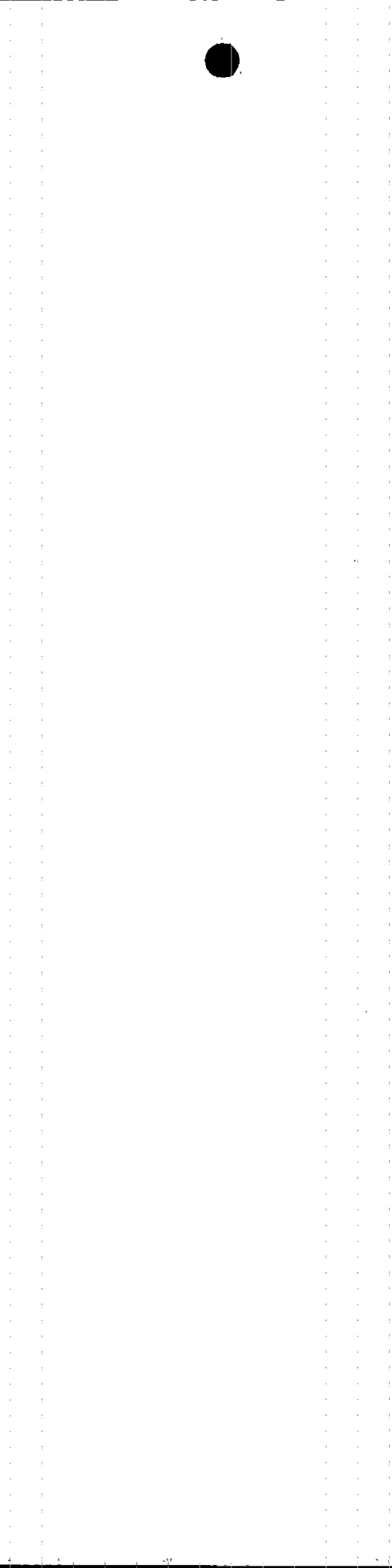
11. CLOSEOUT:

TYPE	1	2	3
MODIFIER	---	---	---
CAUSE	---	---	---

RECOMMENDS CLOSURE:  MODE RESTRICTION RELEASED  
 STA: \_\_\_\_\_ / \_\_\_\_\_ DATE \_\_\_\_\_  
 TECH MGR: \_\_\_\_\_ / \_\_\_\_\_ DATE \_\_\_\_\_

12. PNSC REVIEW (if required in Block 10) MTG# \_\_\_\_\_ CHAIRMAN: \_\_\_\_\_ DATE \_\_\_\_\_

13. APPROVAL:  
 PLANT GENERAL MANAGER \_\_\_\_\_ DATE \_\_\_\_\_



150

CVL 93-536

# MIDSHIFT TUESDAY

I/WE ASSUME THE SHIFT RESPONSIBILITY IN ACCORDANCE WITH SHIFT RELIEF AND TURNOVER PROCEDURE 6-ASM-202. UNIT #4

DATE: 15/29/93

TIME:

*[Signature]*

*[Signature]*

NPS SIGNATURE

NPS SIGNATURE

*[Signature]*

*[Signature]*

ANPS SIGNATURE

ANPS SIGNATURE

*[Signature]*

*[Signature]*

NWE SIGNATURE

NWE SIGNATURE

UNIT STATUS MD 2

2250 U-4: REVIEWED 4-OSP-095.1 TRAIN I PARTIAL FOR HEC-4-1401A RETEST → SAT

2305 U-4: TRAIN I AFW RETURNED TO SERVICE EXIT LCO

2310 U-4: COMMENCE TRAIN II AFW TESTING, 4-OSP-015

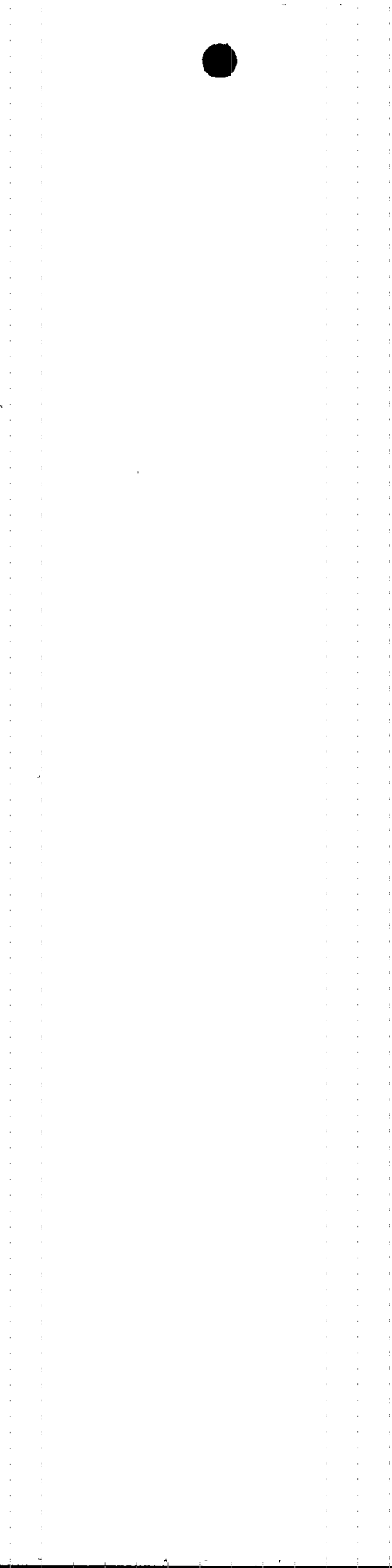
0035 U-4: TRAIN II AFW COMPLETED SAT W/E OF FINAL SHUTDOWN & RESTORATION, "C" AFW PUMP IS RUNNING IN PREP FOR MFW SHUTDOWN FOR 4-20-130 REPAIR

→ 0120 U-4: NOTIFIED NRC RESIDENT THAT BOTH SBSGFP'S ~~WILL~~ WILL BE OUT OF SERVICE TO UNIT 4 ONLY, DURING 4-20-130 REPAIR (ISOLATED BY CLEARANCE).

→ 0130 U-4 BOTH SBSGFP'S DOS TO U-4 T.S. 3.7.1.6 24 HR REPORTABLE & SUBMIT SPECIAL REPORT ALSO SIGNIFICANT EVENT IAW AP 103.12

→ 0140 U-4 Duty CALL SUPERVISOR NOTIFICATION MADE FOR SE IAW AP 103.12

0350 U-4 REVIEWED 4-OSP-041.1 RCS LEAK RATE ORGANIC



PLANT SYSTEMS

STANDBY FEEDWATER SYSTEM

LIMITING CONDITION FOR OPERATION

3.7.1.6 Two standby feedwater pumps shall be OPERABLE\* and at least 60,000 gallons of water (available volume), shall be in the Demineralized Water Storage Tank\*\*.

APPLICABILITY: MODES 1, 2 and 3

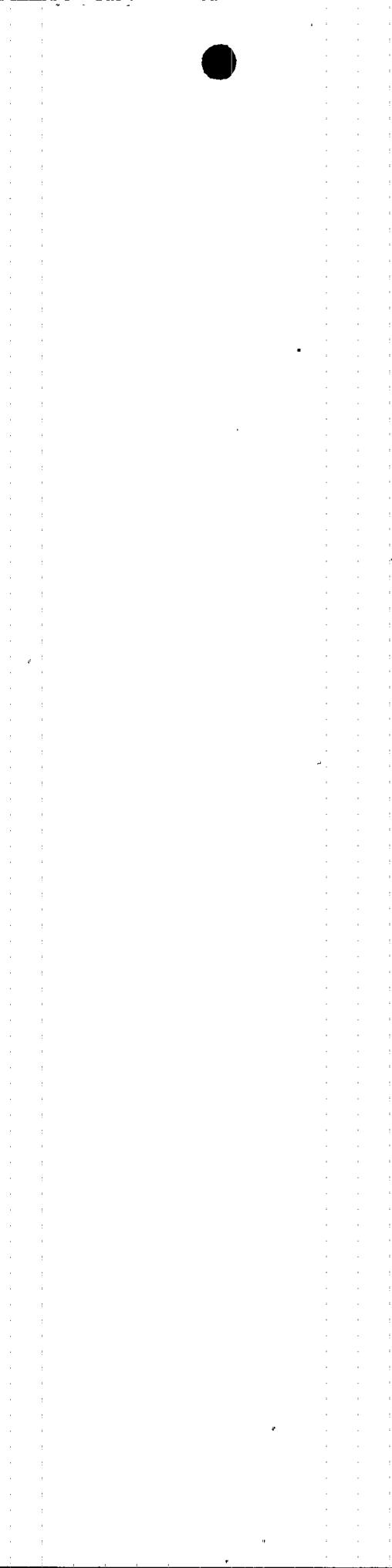
ACTION:

- a. With one standby feedwater pump inoperable, restore the inoperable pumps to available status within 30 days or submit a SPECIAL REPORT per 3.7.1.6d.
- b. With both standby feedwater pumps inoperable:
  - 1. Within 24 hours, notify the NRC and provide cause for inoperability and plans to restore pump(s) to OPERABLE status and,
  - 2. Submit a SPECIAL REPORT per 3.7.1.6d.
- c. With less than 60,000 gallons of water in the Demineralized Water Storage Tank restore the available volume to at least 60,000 gallons within 24 hours or submit a SPECIAL REPORT per 3.7.1.6d.
- d. If a SPECIAL REPORT is required per the above specifications submit a report describing the cause of the inoperability, action taken and a schedule for restoration within 30 days in accordance with 6.9.2.

SURVEILLANCE REQUIREMENTS

- 4.7.1.6.1 The Demineralized Water Storage tank water volume shall be determined to be within limits at least once per 24 hours.
- 4.7.1.6.2 At least monthly verify the standby feedwater pumps are OPERABLE by testing in recirculation on a STAGGERED TEST BASIS.
- 4.7.1.6.3 At least once per 18 months, verify operability of the respective standby feedwater pump by powering from the non-safety grade diesel generators and providing feedwater to the steam generators.

\*These pumps do not require plant safety related emergency power sources for operability and the flowpath is normally isolated.  
 \*\*The Demineralized Water Storage Tank is non-safety grade.





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Approval Date:

07/29/92

O-ADM-212

In-Plant Equipment Clearance Orders

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CLEARANCE ORDER

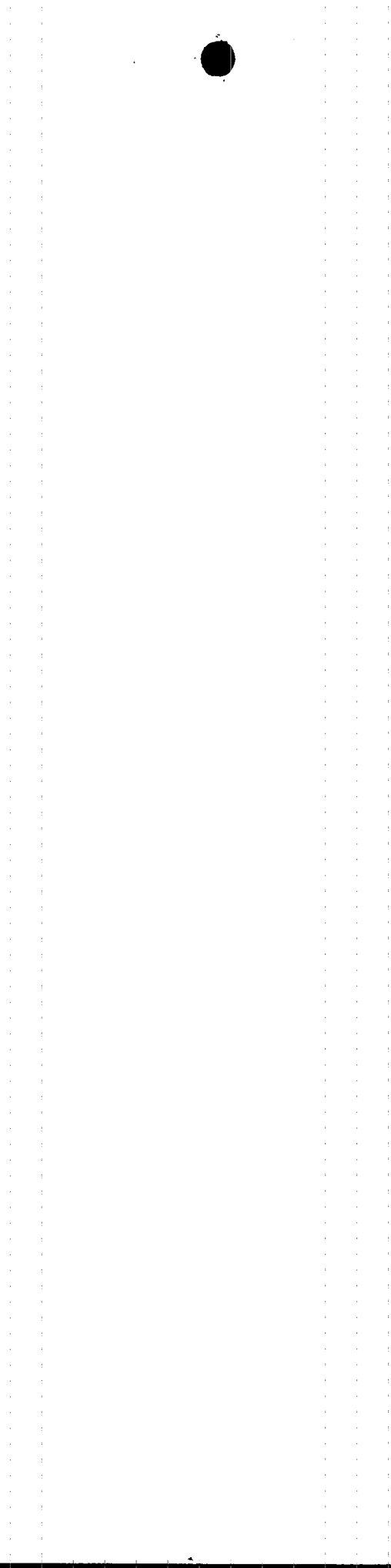
Unit No. 04	Ind Verif Required (Y/N) Y	Issued By <i>McLagan</i>	IV'd By <i>WAM</i>	Released By	IV'd By
Clear.Order # 4-93-05-176-R	System # 074	Originator <i>Gardner</i> <i>Latter</i>	<i>J. Miller</i>		
Principal Equipment					
NORMAL AND STBY FEEDWATER TO UNIT 4 FOR REPAIR TO 4-20-130 (FCV-4-479 INLET)					
Instructions					
PLACE AFW IN SERVICE PRIOR TO SECURING NORMAL AND STANDBY FEED SYSTEMS					

Dept	Controller Acceptance	Date/Time	Controller Release	Date/Time
Ops				
Mech	<i>Anna</i>	5/25/93	0303	
Elec				
I&C				
Const				
Tech				
Relay				
other				

ISSUING STEP	RELEASING STEP	TAG NUMBER	COMPONENT ID	DESCRIPTION/INSTRUCTIONS	ISSUED ACTION REQUIRED	PERFORMED BY DATE/TIME INITIALS	IV'd BY DATE/TIME INITIALS	CONTAINMENT BOUNDARY	RELEASING ACTION REQUIRED	PERFORMED BY DATE/TIME INITIALS	IV'd BY DATE/TIME INITIALS
1		1	4AA03	4.16KV BKR TO S/G FEED PMP A	RACK BREAKER OUT	<i>J</i> 0120 5-25	<i>W</i> 5/25/93 0122 <i>W</i>	N			
2		2	4AC14	4.16KV BKR FOR S/G FEED PMP B	RACK BREAKER OUT	<i>J</i> 0120 5-25	<i>W</i> 5/25/93 0130 <i>W</i>	N			
3		3	MOV-4-1408-BKR 40739	4B S/G FW SUPPLY ISOL MOV POWER SUPPLY BKR	PLACE IN OFF	5-25-93 <i>mr</i> 0120	5-25-93 0140 <i>J</i>	N			
4		4	MOV-4-1409-BKR 40529	4C S/G FW SUPPLY ISOL MOV POWER SUPPLY BKR	PLACE IN OFF	<i>J</i> 0120 5-25	<i>W</i> 5/25/93 0130 <i>W</i>	N			
5		5	MOV-4-1420-BKR 40523	4A FW PP DISCHARGE MOV POWER SUPPLY BKR	PLACE IN OFF	<i>J</i> 0120 5-25	<i>W</i> 5/25/93 0130 <i>W</i>	N			

Form 5485-C (Non-Stocked) Rev. 12/92

CR 93-536



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In-Plant Equipment Clearance Orders

ATTACHMENT 4

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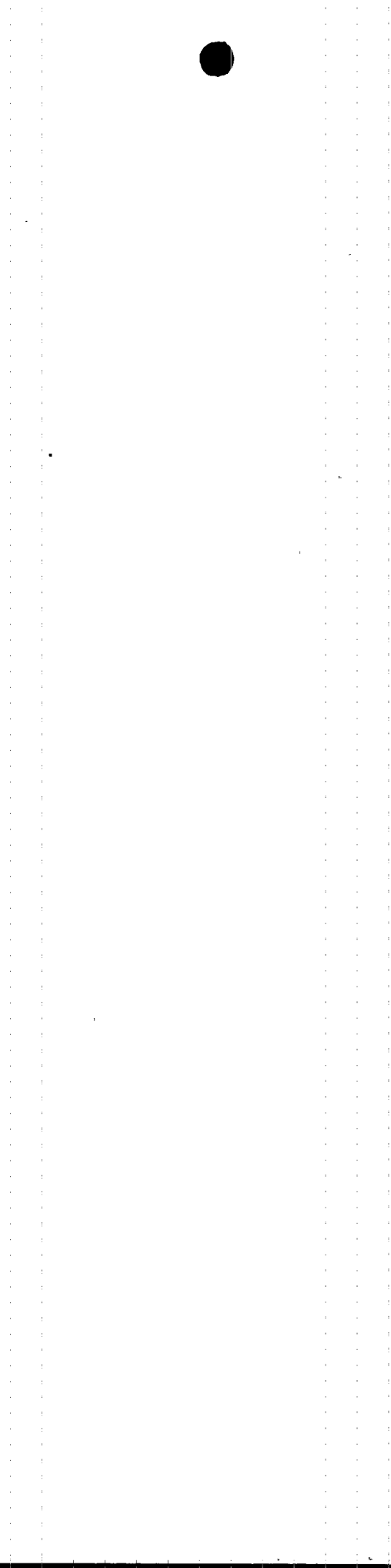
Clearance #: 4-93-05-176-R

CLEARANCE ORDER

ISSUING STEP	RELEASING STEP	TAG NUMBER	COMPONENT ID DESCRIPTION/INSTRUCTIONS	ISSUED ACTION REQUIRED	PERFORMED BY DATE/TIME INITIALS	IV'd BY DATE/TIME INITIALS	CONTAINMENT BOUNDARY	RELEASING ACTION REQUIRED	PERFORMED BY DATE/TIME INITIALS	IV'd BY DATE/TIME INITIALS
6		6	MOV-4-1407-BKR 40607 4A S/G FW SUPPLY ISOL MOV POWER SUPPLY BKR	PLACE IN OFF	0200 5-25	5/25/93 0230 JK	N			
7		7	MOV-4-1421-BKR 40623 4B FW PP DISCHARGE MOV POWER SUPPLY BKR	PLACE IN OFF	0200 5-25	5/25/93 0230 JK	N			
8		8	4-20-133 S/G A MAIN FW FCV-478 OUTLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
9		9	4-20-132 S/G A FW BYPASS FCV-479 OUTLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	Y			
10		10	A B 4-20-230 S/G B FW BYPASS FCV-489 INLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	Y			
11		11	B 4-20-232 S/G A FW BYPASS FCV-489 OUTLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
12		12	4-20-233 S/G B MAIN FW FCV-488 OUTLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	Y			
13		13	4-20-330 S/G C FW BYPASS FCV-499 INLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	Y			
14		14	4-20-332 S/G C FW BYPASS FCV-499 OUTLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
15		15	4-20-333 S/G C MAIN FW FCV-498 OUTLET ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	Y			
16		16	MOV-4-1407-OPERATOR S/G A FW FLOW CNTRL VLV MOTOR OPERATD INLET ISOLATION VLV OPERATOR	CLOSE	0200 5-25	5/25/93 0245 JK	N			
17		17	MOV-4-1408-OPERATOR S/G B FW FLOW CNTRL VLV MOTOR OPERATD INLET ISOLATION VLV OPERATOR	CLOSE	0200 5-25	5/25/93 0245 JK	N			
18		18	MOV-4-1409-OPERATOR S/G C FW FLOW CNTRL VLV MOTOR OPERATD INLET ISOLATION VLV OPERATOR	CLOSE	0200 5-25	5/25/93 0245 JK	N			
19		19	MOV-4-1420-OPERATOR FW PUMP A DISCHARGE MOTOR OPERATED ISOLATION VALVE OPERATOR	CLOSE	0200 5-25	5/25/93 0245 JK	N			
20		20	MOV-4-1421-OPERATOR FW PUMP B DISCHARGE MOTOR OPERATED ISOLATION VALVE OPERATOR	CLOSE	0200 5-25	5/25/93 0245 JK	N			

Form 5485-C (Non-Stocked) Rev. 12/92

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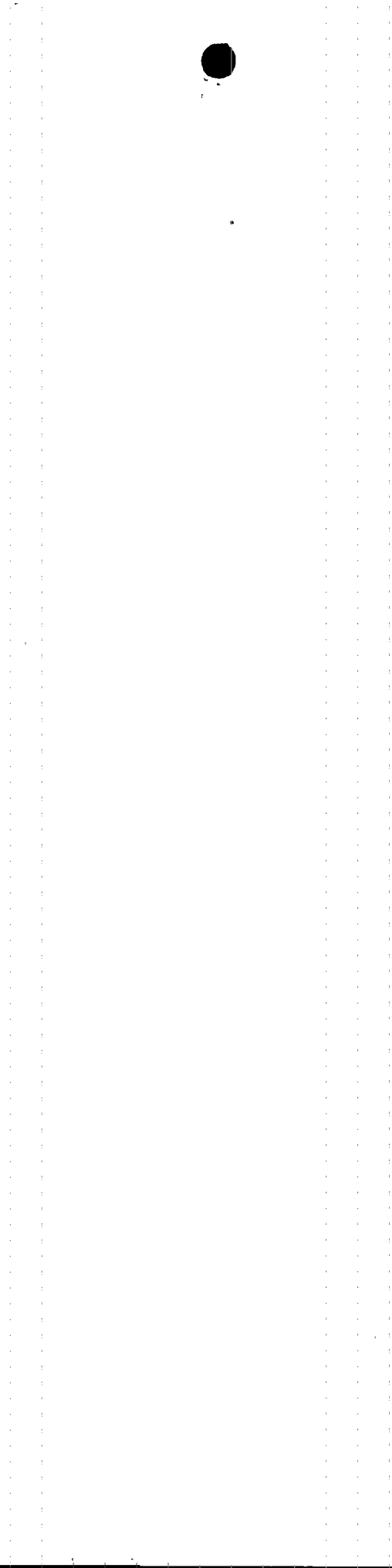
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Clearance #: 4-93-05-176-R

CLEARANCE ORDER

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21		21	4-20-120 FW PMP A WARM UP LINE ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
22		22	4-20-220 FW PMP B WARM UP LINE ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
23		23	FDWR-4-001 FW RECIRC RETURN ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
24		24	FDWR-4-004 FW RECIRC TO FW HDR ISO VLV	LOCKED CLOSED	0200 5-25	5/25/93 0245 JK	N			
25		25	DWDS-4-012 ISOLATION VALVE STBY SG FEED PUMPS DISCH TO UNIT 4 MAIN FW HEADER	CLOSE	0200 5-25	5/25/93 0245 JK	N			
26		26	4-20-675 FW HDR SC-1401 ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
27		27	4-20-676 FW HDR SC-1418 ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
28		28	4-20-673 FW HTR 6A NITROGEN SUPPLY & PRESS TEST COMM ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
29		29	4-20-674 FW HTR 6B NITROGEN SUPPLY & PRESS TEST COMM ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
30		30	4-20-040 S/G FILL LINE ISO VLV	CLOSE	0200 5-25	5/25/93 0245 JK	N			
31		31	4-20-510 UNIT 4 FW HDR ISO VLV AT UNIT 3	LOCKED CLOSED	0200 5-25	5/25/93 0245 JK	N			
32		32	4-20-514 ALTERNATE FW TO 4A S/G ISO VLV	OPEN	0200 5-25	5/25/93 0245 JK	N			
33		33	4-20-518 ALTERNATE FW LINE DRAIN ISO VLV	OPEN	0200 5-25	5/25/93 0245 JK	N			
34		34	4-20-511 ALTERNATE FW LINE DRAIN ISO VLV	OPEN	0200 5-25	5/25/93 0245 JK	N			
35			4A SGFP CONTROL SWITCH	HANG INFORMATION TAG	5-25-93 0300 DL	N/A	N/A			



Procedure NO:

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In-Plant Equipment Clearance Orders

Approval Date

07/29/93

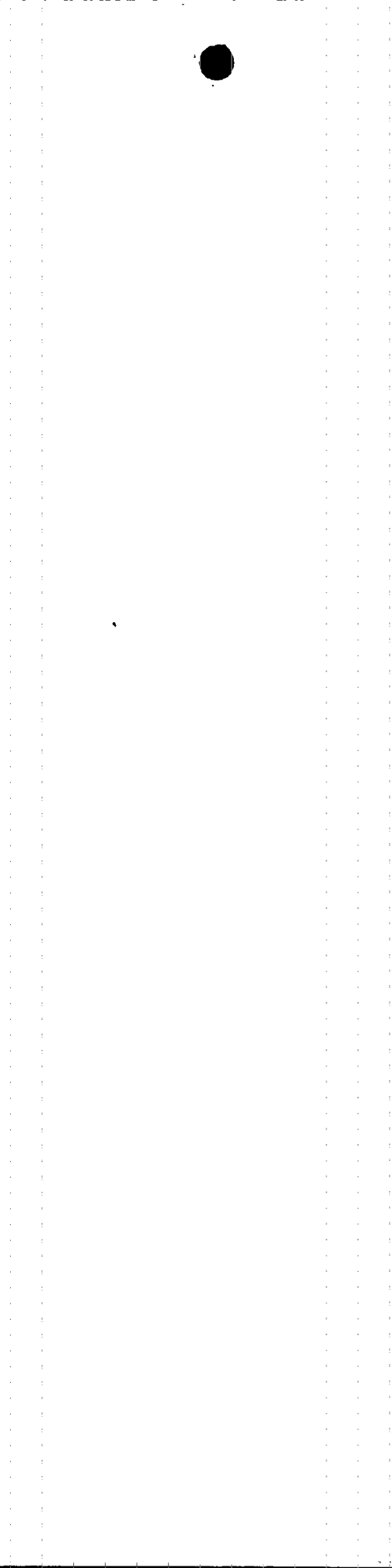
ATTACHMENT 4  
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Clearance #: 4-93-05-176-R

CLEARANCE ORDER

ISSUING STEP	RELEASING STEP	TAG NUMBER	COMPONENT ID DESCRIPTION/INSTRUCTIONS	ISSUED ACTION REQUIRED	PERFORMED BY DATE/TIME INITIALS	IV'd BY DATE/TIME INITIALS	CONTAINMENT BOUNDARY	RELEASING ACTION REQUIRED	PERFORMED BY DATE/TIME INITIALS	IV'd BY DATE/TIME INITIALS
36		-	4B SGFP CONTROL SWITCH	HANG INFORMA- TION TAG	5-75-93 0300 DL	N/A	N/A			
37		-	MOV-4-1407-CONTROL SWITCH S/G A FW ISO VLV CNTL SW	HANG INFORMA- TION TAG	5-25-93 0300 DL		N			
38		-	MOV-4-1408-CONTROL SWITCH S/G B FW ISO VLV CNTL SW	HANG INFORMA- TION TAG	5-25-93 0300 DL		N			
39		-	MOV-4-1409-CONTROL SWITCH S/G C FW ISO VLV CNTL SW	HANG INFORMA- TION TAG	5-25-93 0300 DL		N			

CR 93-536





Procedure NO: O-ADM-212

Procedure Title: In-Plant Equipment Clearance Orders

Page: 5  
Approval Date: 07/29/92

ATTACHMENT 3 (Page 1 of 2)

CLEARANCE # 4-93-05-176-R CLEARANCE CONTROL FORM

CONTROLLER PINERO, A 6848 DEPT. 01 CONTROLLER ACCEPTANCE [Signature] DATE 5/25/93 TIME 05:17  
UNIT NO. 4 CONTROLLER RELEASE DATE \_\_\_\_\_ TIME \_\_\_\_\_

Reason For Clearance WORK ON 4-20-130 (FCV-4-479 INLET ISOLATION VLV)

Equipment Affected/Work To Be Done ISOLATE VALVE, INCLUDES SGFP/STBY SGFP FEED

Clearance is Requested By PINERO, A 6848 Date 05/25/93 Time 1:19 pm  
Duration of Clearance Expected To Be 0 Hrs 0 Days

FPI'S REMOVED YES  NO  N/A  EIOS BOOK UPDATED (Upon Releasing) YES  N/A

RELEASE REVIEW (ANPS/NPS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

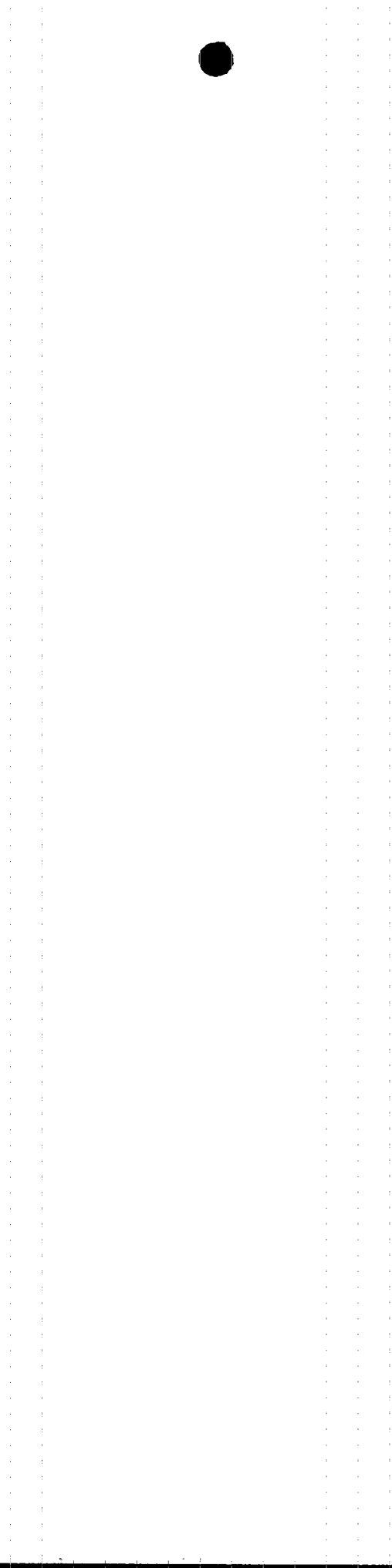
RELEASED (ANPS) \_\_\_\_\_ (DATE) \_\_\_\_\_ CLOSED/INDEX UPDATED (3RD ROC) \_\_\_\_\_

SYSTEM # 074 CLEARANCE REQUEST # 37786

Work Order/Permit No.	Initial Complete	Work Order/Permit No.	Initial Complete	Work Order/Permit No.	Initial Complete	Work Order/Permit No.	Initial Complete	Work Order/Permit No.	Initial Complete
<u>93014991</u>									

Form 5485-C (Non-Stocked) Rev. 12/

CR-93-536



8.0 Instructions:

NOTE 1: If any individual cannot be contacted, the responsible individual should continue with other required notifications.

NOTE 2: Consult Appendix C for additional guidance on significant event notification.

INITIAL/TIME

MT / 1010

8.1 For any events listed in Appendix A of this procedure, the PS-N shall fill out Appendix B and notify:

MT / 1010 ①

8.1.1 The Duty Call Supervisor or designee by commercial telephone.

① FOLLOWUP?  
NOTIFICATION  
PRIOR TO NRC

NOTE 1: If the Duty Call Supervisor or designee cannot be contacted by commercial telephone, contact should be made via the pager number listed on the Duty Call Supervisor Schedule.

NOTE 2: The assigned Duty Call Supervisor, or designee, acts as Duty Call Supervisor during the scheduled duty period on a 24 hour basis.

8.1.2 The Hazardous Materials Coordinator for events involving hazardous materials.

MT / 1015

8.1.3 The NRCOC as soon as possible within time limits specified in Appendix A.

1. Notify the NRCOC via the ENS telephone, except for reports to the Region II office required by 10CFR 20.205.

2. When the ENS telephone is inoperable, the NRCOC can be contacted via commercial telephone using the numbers listed in the Emergency Response Directory.

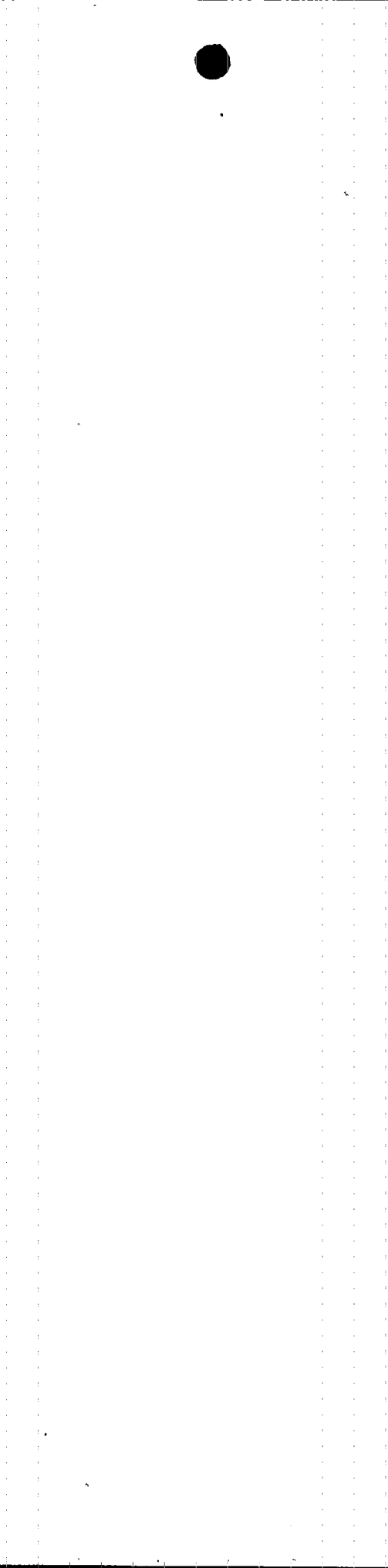
N/A

8.2 Followup notifications shall be made as specified in Appendix A of this procedure.

MT / 1115

8.3 The PS-N shall document notification to NRC recording appropriate information in the PS-N log book.

CAUTION: To reduce the likelihood of relaying inaccurate information, only the Duty Call Supervisor or his designee should perform the notifications to the plant management staff and the NRC Resident Inspector.



EVENT NOTIFICATION WORKSHEET

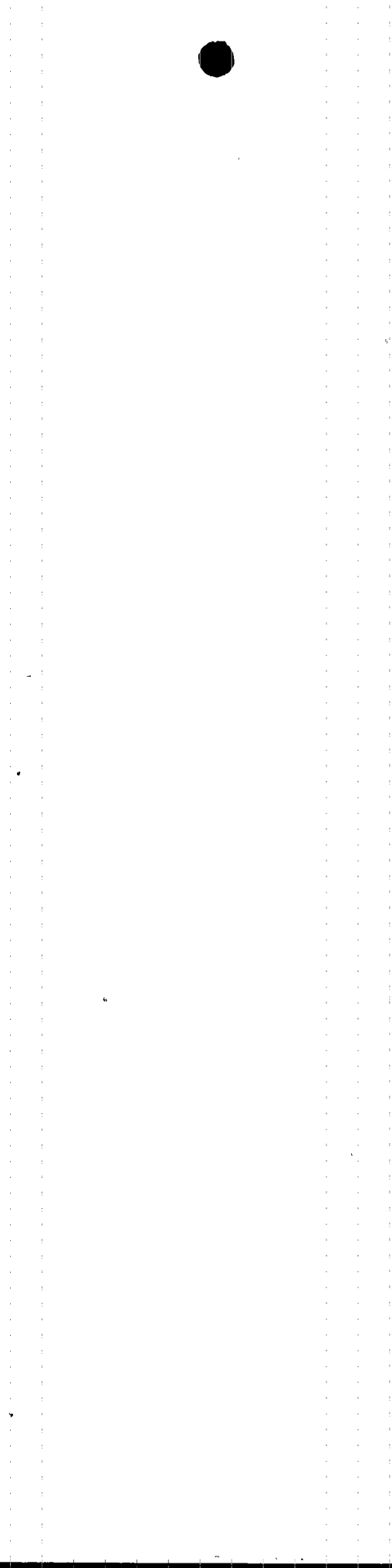
NOTIFICATION TIME <b>1045</b>	FACILITY OR ORGANIZATION <b>TURKEY POINT UNIT 4</b>	UNIT <b>4</b>	CALLER'S NAME <b>RICHARD TUCKER</b>	CALL BACK #: ENS <b>821-7674</b> or ( ) - - -
EVENT TIME & ZONE <b>0130 EDT</b>	EVENT DATE <b>5, 25, 93</b>	1-Hr Non-Emergency 10 CFR 50.72(b)(1)		(v) Lost Offsite Comms
POWER/MODE BEFORE <b>1% / 2</b>	POWER/MODE AFTER <b>1% / 2</b>	(i)(A) TS Required S/D	(i)(B) TS Deviation	(vi) Fire <b>N</b>
EVENT CLASSIFICATIONS		(ii) Degraded Condition	(iii)(A) Unanalyzed Condition	(vii) Toxic Gas <b>N</b>
GENERAL EMERGENCY		(iii)(B) Outside Design Basis <b>N</b>	(iii)(C) Not Covered by OPs/EPs	(vii) Rad Release <b>A</b>
SITE AREA EMERGENCY		(iii) Earthquake	(iii) Flood	(vii) Oth Hampering Safe Op.
ALERT		(iii)(A) Hurricane	(iii)(B) Ice/Melt	4-Hr Non-Emergency 10 CFR 50.72(b)(2)
UNUSUAL EVENT		(iii)(C) Lightning	(iii)(D) Tornado	(i) Degrade While S/D
50.72 NON-EMERGENCY		(iv) Oth Natural Phenomenon	(v) ECCS Discharge to RCS	(ii) RPS Actuation (scream)
PHYSICAL SECURITY (73.71)		(vi) Lost ENS	(vii) Lost Emerg. Assessment	(iii) ESF Actuation <b>N</b>
TRANSPORTATION		(v) Lost Offsite Medical	(vi) Offsite Notification	(iii)(A) Safe S/D Capability
20.403 MATERIAL/EXPOSURE		(vi) Lost Offsite Medical	(vii) Offsite Notification	(iii)(B) RMR Capability <b>A</b>
OTHER <b>AP-103.12 AND</b>		(vii) Offsite Notification		(iii)(C) Control of Rad Release
TECHNICAL SPECIFICATIONS				(iii)(D) Accident Mitigation

DESCRIPTION

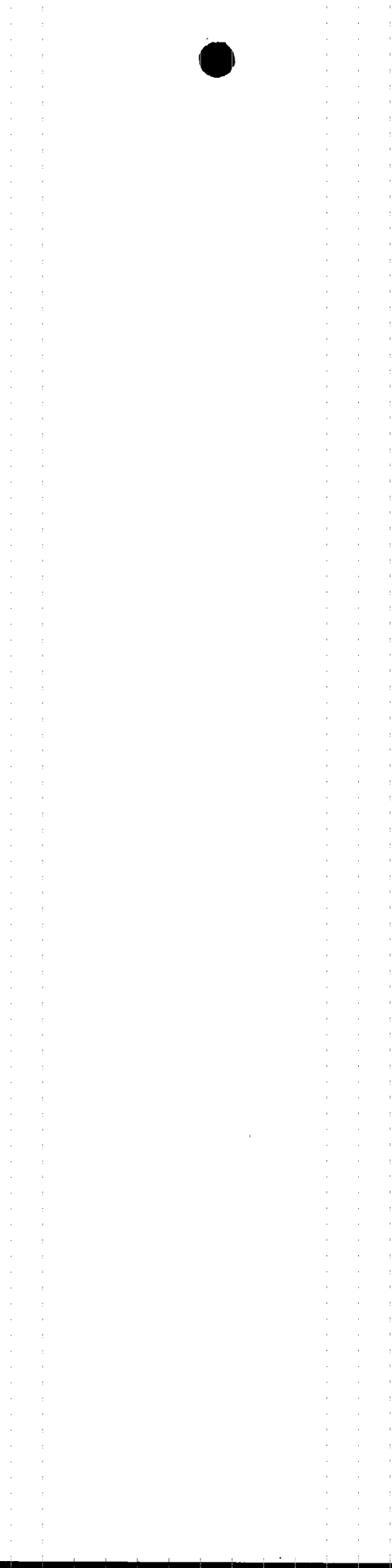
AT 0130 ON 5/25/93 FEEDWATER CAPABILITY FROM BOTH STANDBY FEEDWATER PUMPS <sup>TO TURKEY PT UNIT 4 ONLY</sup> WAS ISOLATED TO EFFECT REPAIRS ON VALVE 4-20-130, A STEAM GENERATOR FEED REG BYPASS UPSTREAM ISOLATION VALVE. STANDBY FEED WATER CAPABILITY TO TURKEY POINT UNIT 3 WAS NOT AFFECTED BY THIS EVOLUTION. REPAIRS TO 4-20-130 ARE ~~EXPIC~~ AND SUBSEQUENT RESTORATION OF STANDBY FEEDWATER CAPABILITY TO UNIT 4 ARE EXPECTED BY ~1500, 5/25/93. WRITTEN REPORT TO FOLLOW WITHIN 30 DAYS PER TECHNICAL SPECIFICATION 3.7.16 & 6.9.2

Include: Systems affected, actuations & their initiating signals, causes, effect of event on plant, actions taken or planned, etc.

NOTIFICATIONS NRC RESIDENT	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES (Explain above)	NO <input checked="" type="checkbox"/>
STATE(s)		<input checked="" type="checkbox"/>		DID ALL SYSTEMS FUNCTION AS REQUIRED?	<input checked="" type="checkbox"/> YES	NO (Explain above)
LOCAL		<input checked="" type="checkbox"/>		MODE OF OPERATION UNTIL CORRECTED:	<b>2</b>	ESTIMATE FOR RESTART DATE:
OTHER GOV AGENCIES		<input checked="" type="checkbox"/>				<b>5/25/93</b>
MEDIA PRESS RELEASE		<input checked="" type="checkbox"/>				ADDITIONAL INFO ON BACK? <b>NO</b>



RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)						
LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED	
MONITORED	UNMONITORED	OFFSITE RELEASE	T.S. EXCEEDED	RM ALARMS	AREAS EVACUATED	
PERSONNEL EXPOSED OR CONTAMINATED		OFFSITE PROTECTIVE ACTIONS RECOMMENDED			* State release path in description.	
	Release Rate (Ci/sec)	% T.S. LIMIT	HOO GUIDE	Total Activity (Ci)	% T.S. LIMIT	HOO GUIDE
Noble Gas			0.1 Ci/sec			1000 Ci
Iodine			10 uCi/sec			3.01 Ci
Particulate			1 uCi/sec			1 mCi
Liquid (excluding tritium & dissolved noble gases)			10 uCi/gpm			0.1 Ci
Liquid (tritium)			0.2 Ci/min			5 Ci
Total Activity						
	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER	
RAD MONITOR READINGS:						
ALARM SETPOINTS:						
% T.S. LIMIT (if applicable)						
RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS: (specific details/explanations should be covered in event description)						
LOCATION OF THE LEAK (e.g., SG #, valve, pipe, etc.):						
LEAK RATE:	UNITS: gpm/gpd	T.S. LIMITS:	SUDDEN OR LONG TERM DEVELOPMENT:			
		N				
LEAK START DATE:	TIME:	COOLANT ACTIVITY & UNITS: PRIMARY -		SECONDARY -		
		A				
LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL:						
EVENT DESCRIPTION (Continued from front)						





EVENT NOTIFICATION WORKSHEET

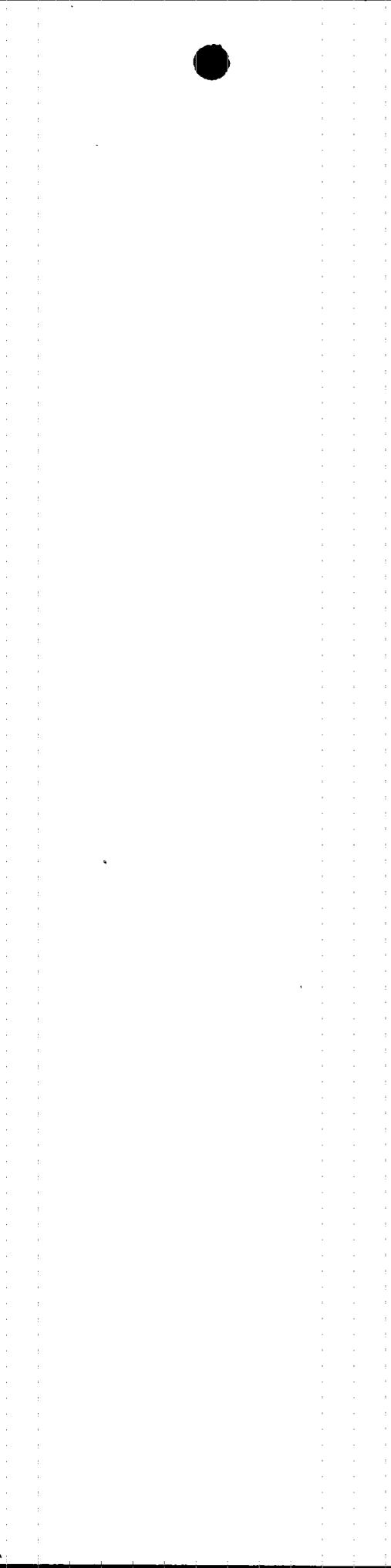
NOTIFICATION TIME <b>1045</b>	FACILITY OR ORGANIZATION <b>TURKEY POINT UNIT 4</b>	UNIT <b>4</b>	CALLER'S NAME <b>RICHARD TUCKER</b>	CALL BACK #: ENS <b>821-7674</b> or ( ) - - - -
EVENT TIME & ZONE <b>0130 ETD</b>	EVENT DATE <b>5, 25, 93</b>	1-Hr Non-Emergency 10 CFR 50.72(b)(1)		(v) Lost Office Comm
POWER/MODE BEFORE <b>1% / 2</b>	POWER/MODE AFTER <b>1% / 2</b>	(i)(A) TS Required S/D	(vi) Fire	(vi) Toxic Gas
EVENT CLASSIFICATIONS		(i)(B) TS Deviation	(vii) Rad Release	(viii) Oth Hampering Safe Op.
		(ii) Degraded Condition	4-Hr Non-Emergency 10 CFR 50.72(b)(2)	
GENERAL EMERGENCY		(iii)(A) Unanalyzed Condition	(i) Degraded Whole S/D	(ii) RPS Actuation (scram)
		(iii)(B) Outside Design Basis	(iii) ESF Actuation	(iii)(A) Safe S/D Capability
SITE AREA EMERGENCY		(iii)(C) Not Covered by OPs/EPs	(iii)(B) RHR Capability	(iii)(C) Control of Rad Release
		(iii) Earthquakes	(iii)(D) Accident Mitigation	(iv)(A) Air Release > 2X App B
ALERT		(iii) Flood	(iv)(B) Liq Release > 2X App B	(iv) Office Medical
		(iii) Hurricane	(iv) Lost Emerg. Assessment	(v) Office Notification
UNUSUAL EVENT		(iii) Ice/Hail		
		(iii) Lightning		
50.72 NON-EMERGENCY		(iii) Tornado		
		(iii) Oth Natural Phenomenon		
PHYSICAL SECURITY (73.71)		(iv) ECCS Discharge to RCS		
		(iv) Lost ENS		
TRANSPORTATION		(v) Loss of Offsite Power		
		(v) Loss of Offsite Power		
20,403 MATERIAL/EXPOSURE				
OTHER AP-103.12 AND TECHNICAL SPECIFICATIONS				

DESCRIPTION

AT 0130 ON 5/25/93 FEEDWATER CAPABILITY FROM BOTH STANDBY FEEDWATER PUMPS TO TURKEY PT UNIT 4 ONLY WAS ISOLATED TO EFFECT REPAIRS ON VALVE 4-20-130, A STATION CONDENSATOR FEED REG BYPASS UPSTREAM ISOLATION VALVE. STANDBY FEED WATER CAPABILITY TO TURKEY POINT UNIT 3 WAS NOT AFFECTED BY THIS EVOLUTION. REPAIRS TO 4-20-130 ARE EXPIX AND SUBSEQUENT RESTORATION OF STANDBY FEEDWATER CAPABILITY TO UNIT 4 ARE EXPECTED BY W/500, 5/25/93. WRITTEN REPORT TO FOLLOW WITHIN 30 DAYS PER TECHNICAL SPECIFICATION 3.7.16 & 6.9.2

Include: Systems affected, actions & their initiating signals, causes, effect of event on plant, actions taken or planned, etc.

NOTIFICATIONS NRC RESIDENT	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES (Explain above)	<input checked="" type="checkbox"/>	NO
STATE(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		DID ALL SYSTEMS FUNCTION AS REQUIRED?	YES	<input checked="" type="checkbox"/>	NO (Explain above)
LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>		MODE OF OPERATION UNTIL CORRECTED:	<b>2</b>	ESTIMATE FOR RESTART DATE:	<b>5/25/93</b>
OTHER GOV AGENCIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>				ADDITIONAL INFO ON BACK?	<b>NO</b>
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input checked="" type="checkbox"/>					



ADDITIONAL INFORMATION

USNRC OPERATIONS CENTER

GENERAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)

MONITORED	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED
UNMONITORED	UNMONITORED	OFFSITE RELEASE	T.S. EXCEEDED	RM ALARMS	AREAS EVACUATED
PERSONNEL EXPOSED OR CONTAMINATED			OFFSITE PROTECTIVE ACTIONS RECOMMENDED	*State release path in description.	

	Release Rate (Ci/sec)	% T.S. LIMIT	HOO GUIDE	Total Activity (Ci)	% T.S. LIMIT	HOO GUIDE
Noble Gas			0.1 Ci/sec			1000 Ci
Radionuclides			10 uCi/sec			501 Ci
Particulates			1 uCi/m <sup>3</sup>			1 mCi
Liquid (excluding tritium & dissolved noble gases)			10 uCi/min			0.1 Ci
Liquid (tritium)			0.2 Ci/min			5 Ci
Total Activity						

	PLANT STACK	CONDENSER/AIR EJECTOR	MAIN STEAM LINE	SG BLOWDOWN	OTHER
RAD MONITOR READINGS:					
ALARM SETPOINTS:					
% T.S. LIMIT (if applicable)					

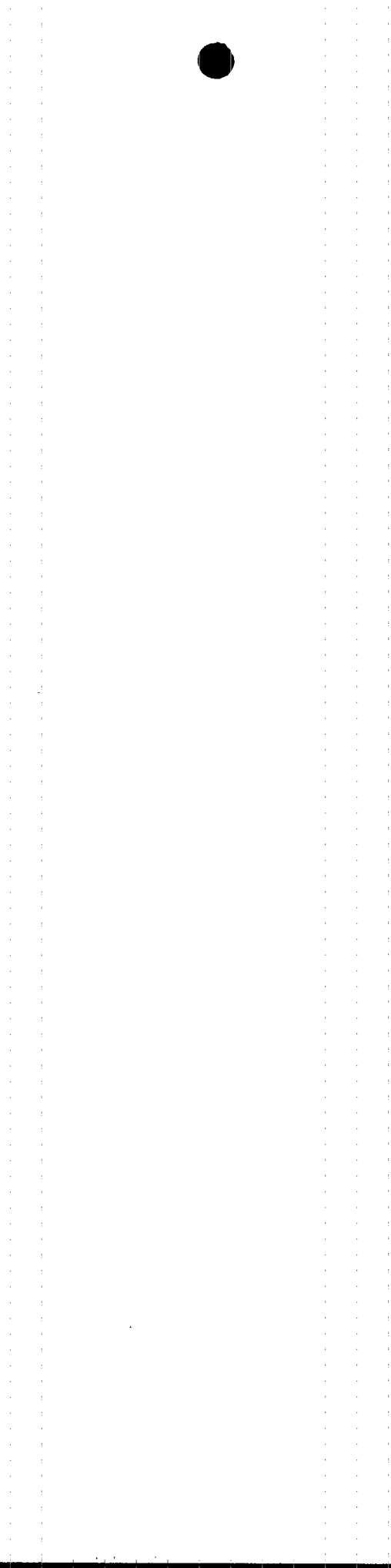
RCS OR SG TUBE LEAKS: CHECK OR FILL IN APPLICABLE ITEMS: (specific details/explanations should be covered in event description)

LOCATION OF THE LEAK (e.g., SG #, valve, pipe, etc.):

LEAK RATE:	UNITS: gpm/gpd	T.S. LIMITS:	SUDDEN OR LONG TERM DEVELOPMENT:
		N	
LEAK START DATE:	TIME:	COOLANT ACTIVITY UNITS: PRIMARY -	SECONDARY -
		A	

LIST OF SAFETY RELATED EQUIPMENT NOT OPERATIONAL:

EVENT DESCRIPTION (Continued from front)



I/WE ASSUME THE SHIFT RESPONSIBILITY IN ACCORDANCE WITH SHIFT RELIEF AND TURNOVER PROCEDURE O-ADM-262.	
DATE: <u>5-25-93</u>	TIME: <u>7:15 PM</u>
<u>[Signature]</u> NPS SIGNATURE	<u>[Signature]</u> NPS SIGNATURE
<u>[Signature]</u> NPS SIGNATURE	<u>[Signature]</u> NPS SIGNATURE
<u>[Signature]</u> NYS SIGNATURE	<u>[Signature]</u> NYS SIGNATURE

- Plant Status Mode 2 R Critical
- 1535 Held shift briefing, discussed plant status  
equip ops, upcoming activities & shift assignments
- 1945 All clearances on 56HPs, FW system released,  
commenced placing FW system in service.
- 1948 started 4A 56HP
- 1950 PLACED AMSAC IN SERVICE AS PER 4-OP-049.1
- 2125 Reviewed 4-OSP-041.1 RCS schedule 02 gpm
- 2135 Reviewed 4-OSP-075.7 TRW 2 AFW  
Operability Set
- 2200 Unit 4 Entered Mode 1
- 2210 RECEIVED TURBINE TRIP / GENERATOR LOCKOUT DUE  
TO ~~FEED~~ GENERATOR GROUND TRIP. INVESTIGATING  
FOR CAUSE

