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 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
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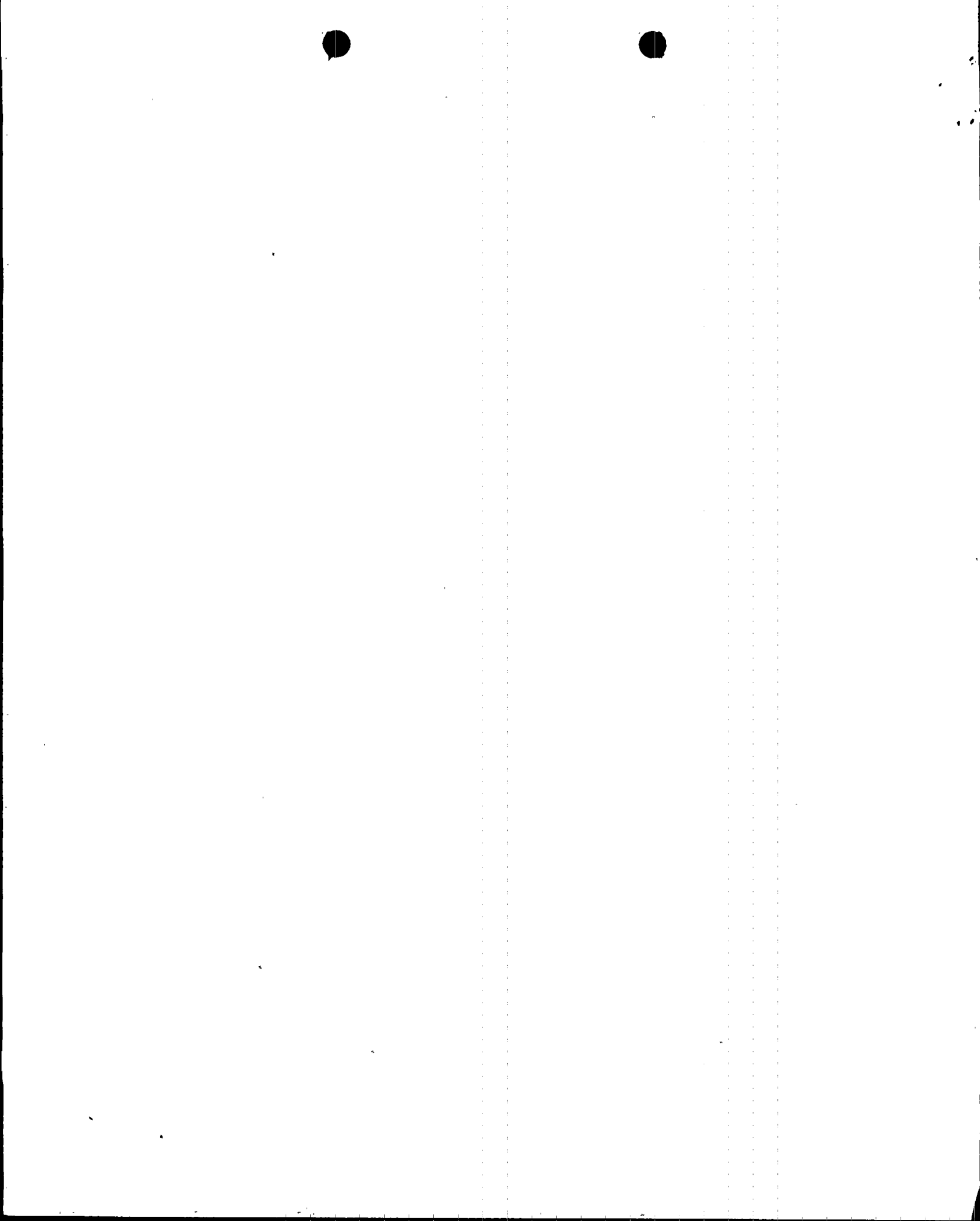
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	RGN2 FILE 01		1	1						
EXTERNAL:	EG&G BRYCE, J.H		2	2		L ST LOBBY WARD		1	1	
	NRC PDR		1	1		NSIC MURPHY, G.A		1	1	
	NSIC POORE, W.		1	1		NUDOCS FULL TXT		1	1	

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FPL

P.O. Box 029100, Miami, FL, 33102-9100

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

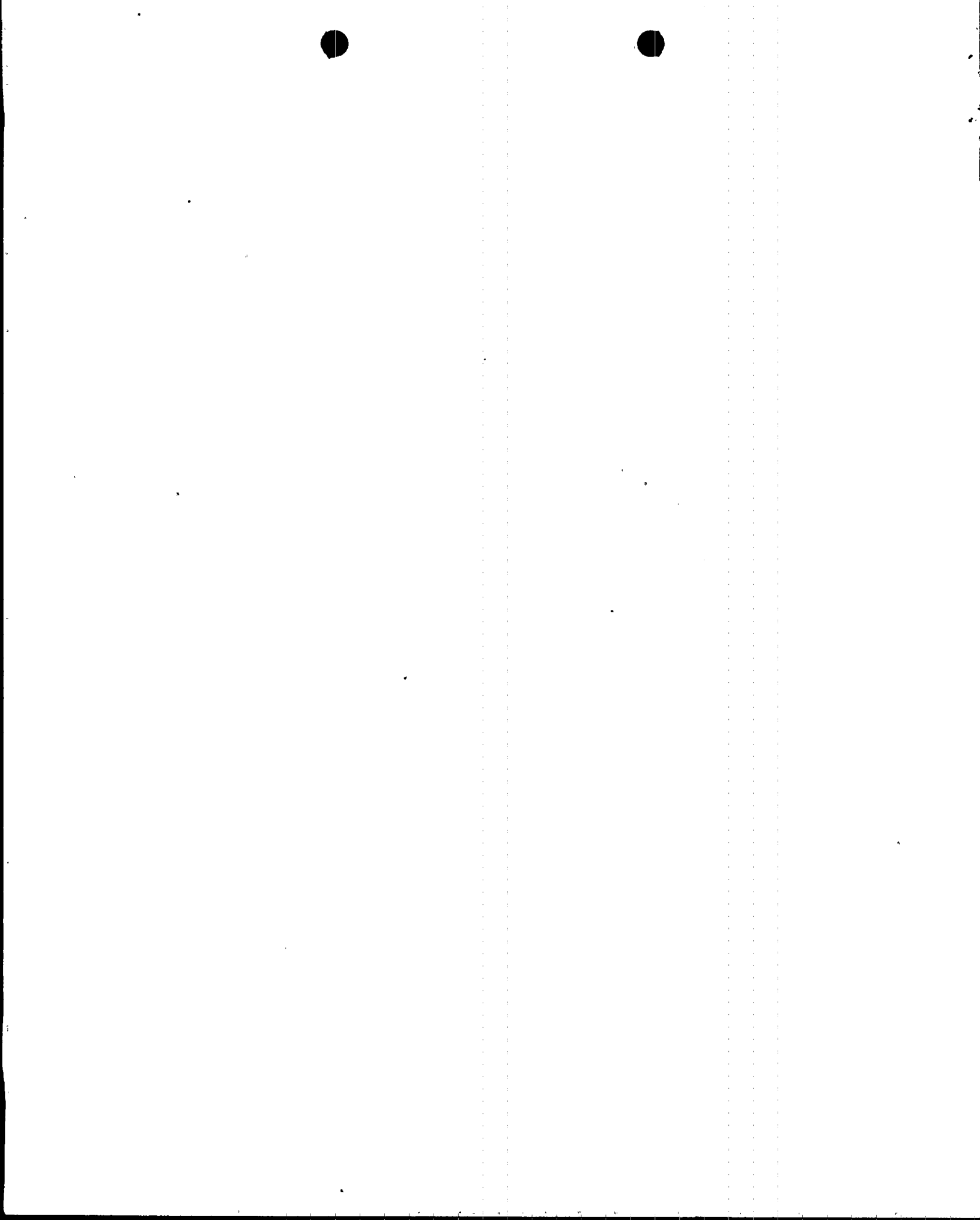
Attachment

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

150013

9306160045 930610
PDR ADOCK 05000251
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an FPL Group company



SPECIAL REPORT

BOTH STANDBY FEEDWATER PUMPS UNAVAILABLE TO UNIT 4

PURPOSE:

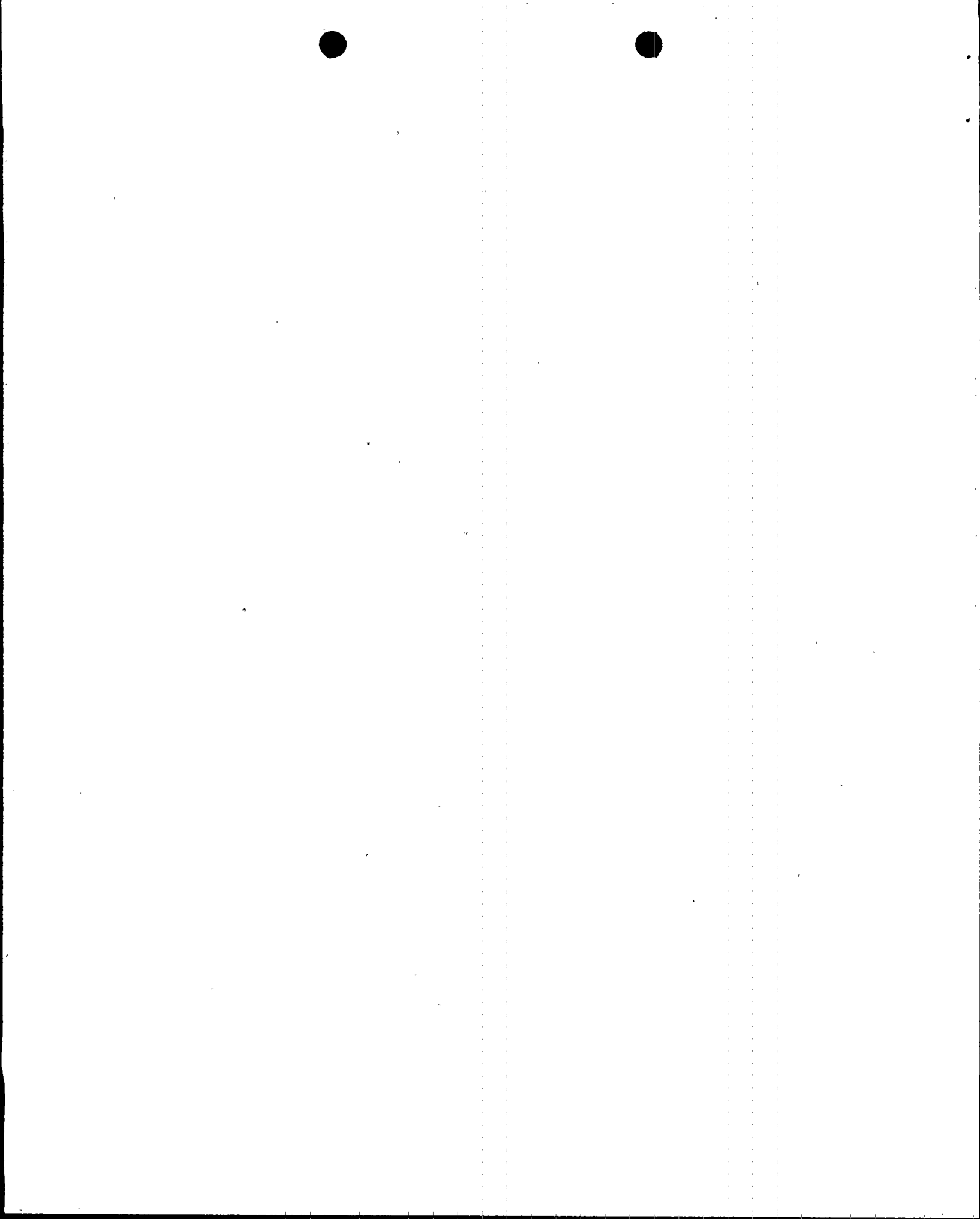
Technical Specification 3.7.1.6.b.2 requires the submission of a special report to the NRC if both standby feedwater pumps are inoperable. The Technical Specification requires the report to describe the cause of the inoperability, the actions taken and the schedule for restoration.

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.



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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' Log Cabin 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 4-93-05-176-R. This is reportable to the NRC in accordance with AP-103.12 T.S. 3.7.1.6. (Declared out of service at 5/25/93 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
On-shift NPS: D. Vetterli
U-4 ANPS T. Jones

Attachments U-4 ANPS Log
T.S. 3.7.1.6
Clearance 4-93-05-176-R

3. ORIGINATOR REQUESTS COPY OF CLOSED CONDITION REPORT

☐ YES☒ NO

SUPERVISOR NOTIFICATION: _____

(SUPERVISOR NAME/SIGNATURE)

☒ N/A

4. OPERABILITY/REPORTABILITY DETERMINATION:

☐ A. OPERABILITY ASSESSMENT REQUIRED (3 WORK DAYS)☒ B. NRC PHONE NOTIFICATION (ATTACH ENS WORKSHEET) [24 hr. reportable]☐ C. NO OPERABILITY CONCERN/NOT REPORTABLE☐ D. OTHER _____☐ POTENTIAL MODE HOLD

FOR ENTRY INTO MODE _____

COMMENTS: _____

NPS SIGNATURE [Signature]DATE/TIME 5-25-93 11205. CONDITION REPORT ASSIGNED TO: Ed Winkum

COMMENTS: _____

SELECT ONE:

☐ NP-700 REPORT

DUE DATE _____

☐ ROOT CAUSE ANALYSIS☒ INVESTIGATE & CORRECTPLANT GENERAL MANAGER [Signature]DATE 5/25/93

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TECH ENG

6. ☐ NONCONFORMANCE☒ OTHER (IDENTIFY) N/A

BY:

J.M. Davis

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 VRC 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 VRC. 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

EVALUATION REQUIRED FOR:

PWO _____

EQ ☐ YES ☒ NO

REA _____

10CFR50.59 REVIEW REQ'D ☐ YES ☒ NO

PCM _____

POTENTIAL 10CFR21 ☐ YES ☒ NOOTHER Special ReportASME SECTION XI ☐ YES ☒ NO

9. DISPOSITION:

☐ N/A☐ REWORK☐ REPAIR☐ USE AS-IS☒ OTHERWrite 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 SpRpt

PREPARER J.F. KuoreEXT: 6757

DATE

5-26-93

DEPT. HEAD CONCUR

F.J. Wenden

DATE

5/26/93

DEPARTMENT HEAD

F.J. Wenden

DATE

5/26/93

ASME XI REVIEWER

N/A

DATE

ANII REVIEWER

N/A

DATE

11. CLOSEOUT:

TYPE
MODIFIER
CAUSE

1

2

3

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

ASSIGNEE

STA & TECH MGR

PNSC
POM



150

C/L 93-536

MIDSHIFT TUESDAY

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

DATE: 15/29/93

TIME:

NPS SIGNATURE

ANPS SIGNATURE

NWE SIGNATURE

NPS SIGNATURE

ANPS SIGNATURE

NWE SIGNATURE

UNIT STATUS MD 2

2250 U-4: REVIEWED 4-OSP-095.1 TRAIN I PARTIAL
FOR HEC-4-1401A RETEST → SAT2305 U-4: TRAIN I AFW RETURNED TO SERVICE
EXIT LCO

2310 U-4: COMMENCE TRAIN II AFW TESTING, 4-OSP-095

0035 U-4: TRAIN II AFW COMPLETED SAT W/E OF PLANT
SHUTDOWN & RESTORATION, "C" AFW PUMP
IS RUNNING IN PREP FOR MFW SHUTDOWN
FOR 4-20-130 REPAIR→ 0120 U-4: NOTIFIED NCC 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 RES LEAK RATE ORGANIGLOSS



PLANT SYSTEMSSTANDBY FEEDWATER SYSTEMLIMITING 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.



Procedure NO:

Procedure Title:

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Approval Date:

07/29/92

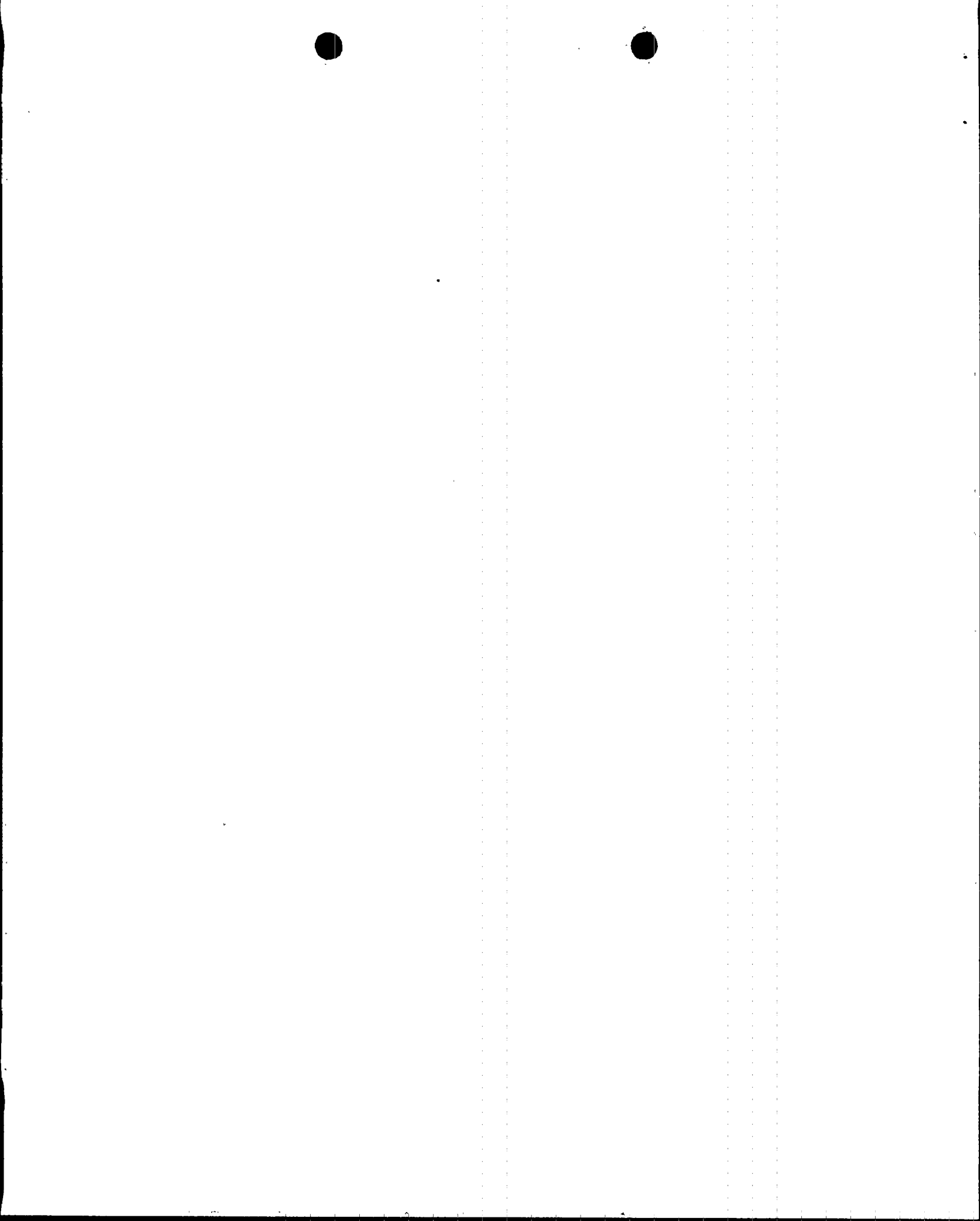
O-ADM-212

In-Plant Equipment Clearance Orders

ATTACHMENT 4 (Page 1 of 2)

CLEARANCE ORDER

Unit No. 04		Ind Verif Required (Y/N) Y		Issued By	IV'd By	Released By	IV'd By			
Clear Order #	System #	Originator								
4-93-05-176-R	074	BEAGLES, STEVE								
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										
Clearance Approval Signatures				Dept	Controller Acceptance	Date/Time	Controller Release			
Assistant Nuclear Plant Supv Independent Review (Signature) Nuclear Plant Supervisor Authorization (Signature) (N/A if not Tech Spec or Safety Related)				Ops						
				Mech	5/25/93	0303				
				Elec						
				I&C						
				Const						
				Tech						
				Relay						
Safety Related <input checked="" type="checkbox"/>				Tech Spec Related <input checked="" type="checkbox"/>						
Load Threatening <input type="checkbox"/>				Load Limiting <input checked="" type="checkbox"/>						
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	0120 5-25	5/25/93 0122	N			
2		2	4AC14 4.16KV BKR FOR S/G FEED PMP B	RACK BREAKER OUT	0120 5-25	5/25/93 0130	N			
3		3	MOV-4-1408-BKR 40739 4B S/G FW SUPPLY ISOL MOV POWER SUPPLY BKR	PLACE IN OFF	5-25-93 0120	5-25-93 0140	N			
4		4	MOV-4-1409-BKR 40529 4C S/G FW SUPPLY ISOL MOV POWER SUPPLY BKR	PLACE IN OFF	0120 5-25	5/25/93 0130	N			
5		5	MOV-4-1420-BKR 40523 4A FW PP DISCHARGE MOV POWER SUPPLY BKR	PLACE IN OFF	0120 5-25	5/25/93 0130	N			



ATTACHMENT 4

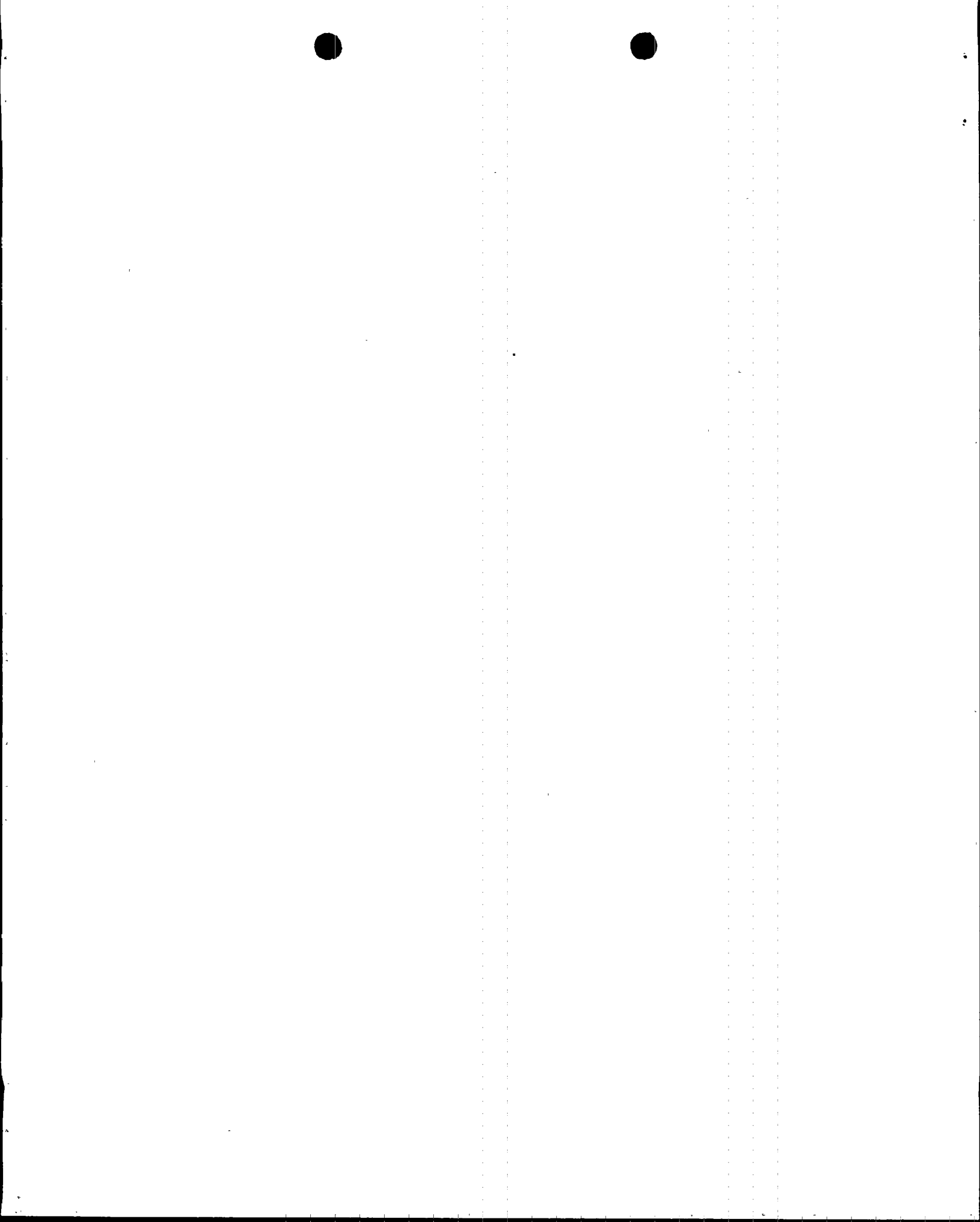
(Page 2 of 2)

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 5-26	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 8 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 OPRATD 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 OPRATD 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 OPRATD 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			

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In-Plant Equipment Clearance Orders

Approval Date

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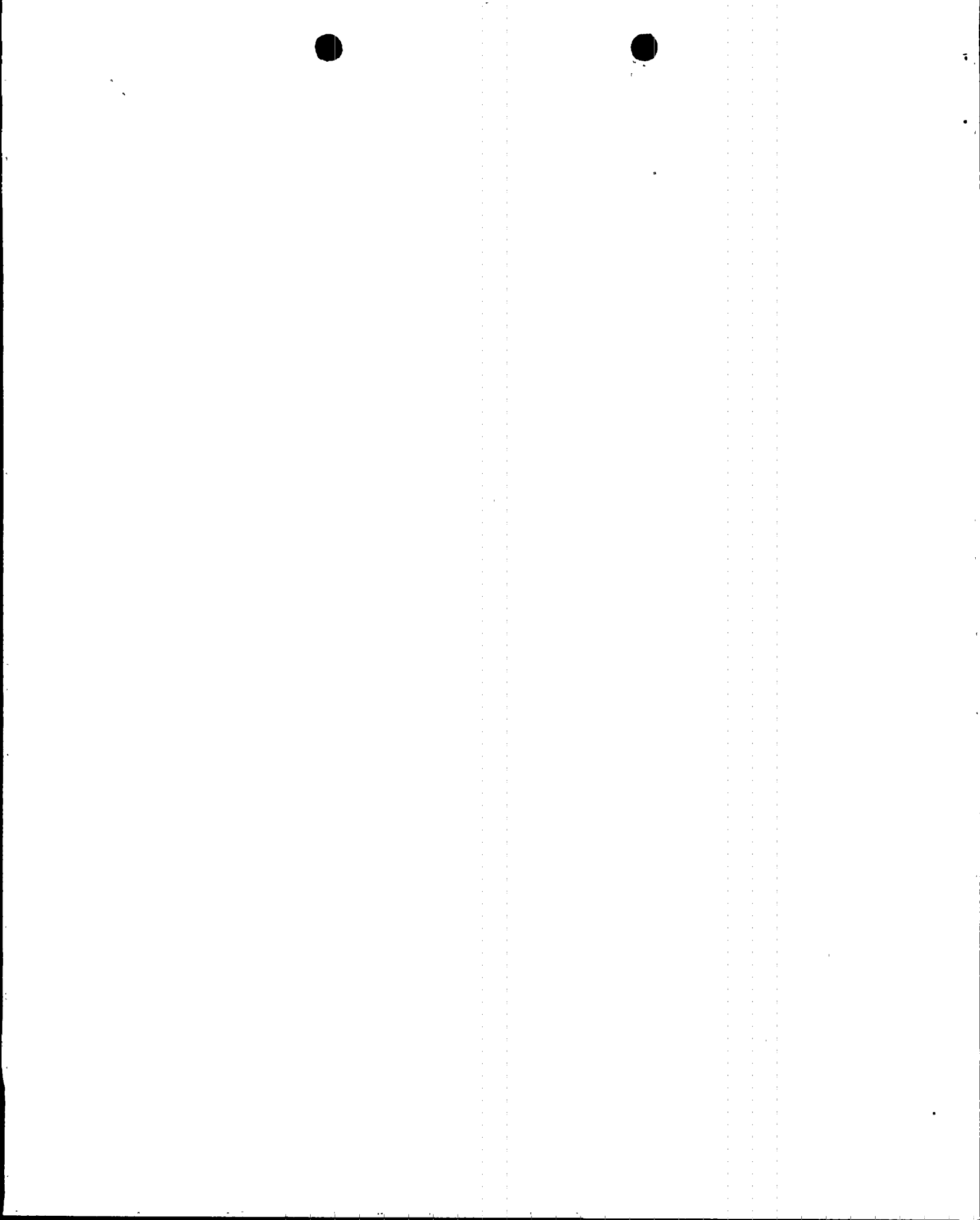
ATTACHMENT 4

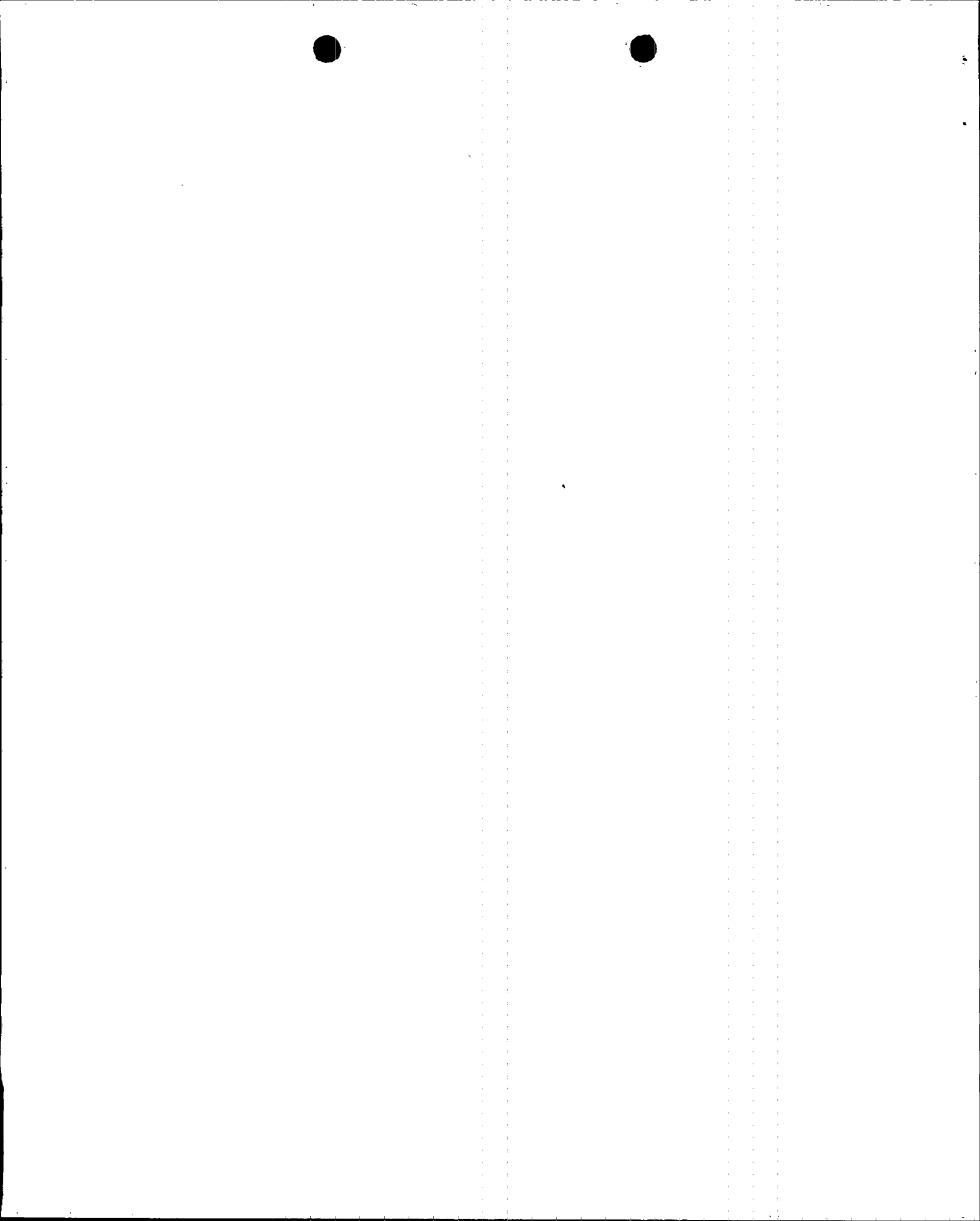
(Page 2 of 2)

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





Procedure Title:

O-ADM-212

In-Plant Equipment Clearance Orders

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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 0513

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 ☐

EOOS BOOK UPDATED (Upon Releasing)

YES ☐ N/A ☒

RELEASE REVIEW (ANPS/NPS)

Date _____ Time _____

RELEASED (ANP8)

(DATE)

CLOSED/INDEX UPDATED (3RD PCO)

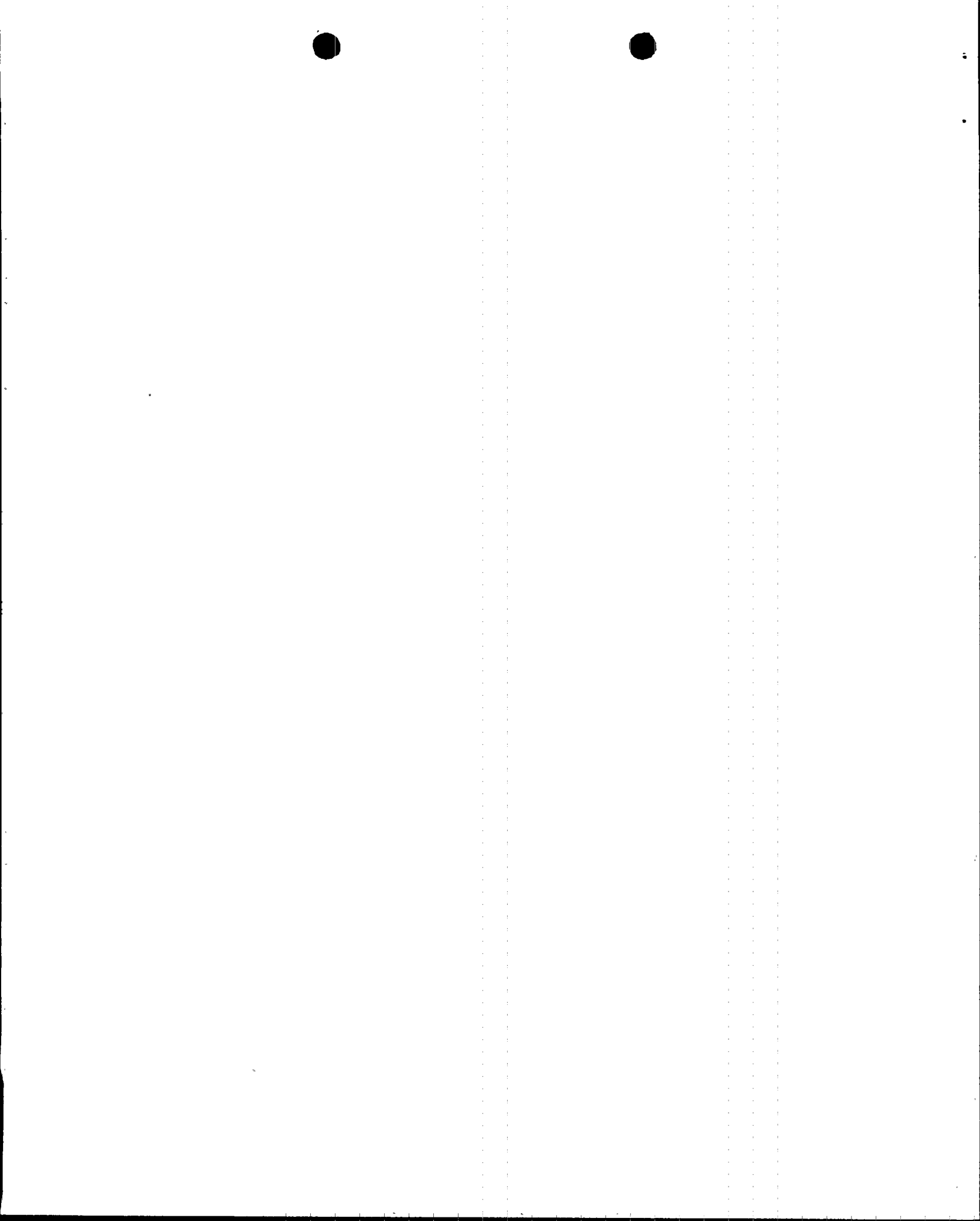
SYSTEM #. 074

CLEARANCE REQUEST # 37786

Work Order/Permit No.	Initial Work Order/Permit No.	Initial Work Order/Permit No.	Initial Work Order/Permit No.	Initial Work Order/Permit No.	Initial Work Order/Permit No.	Initial Work Order/Permit No.	Initial Work Order/Permit No.
Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete

93014991

CR-73-536



8/22/91

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, 0140
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.

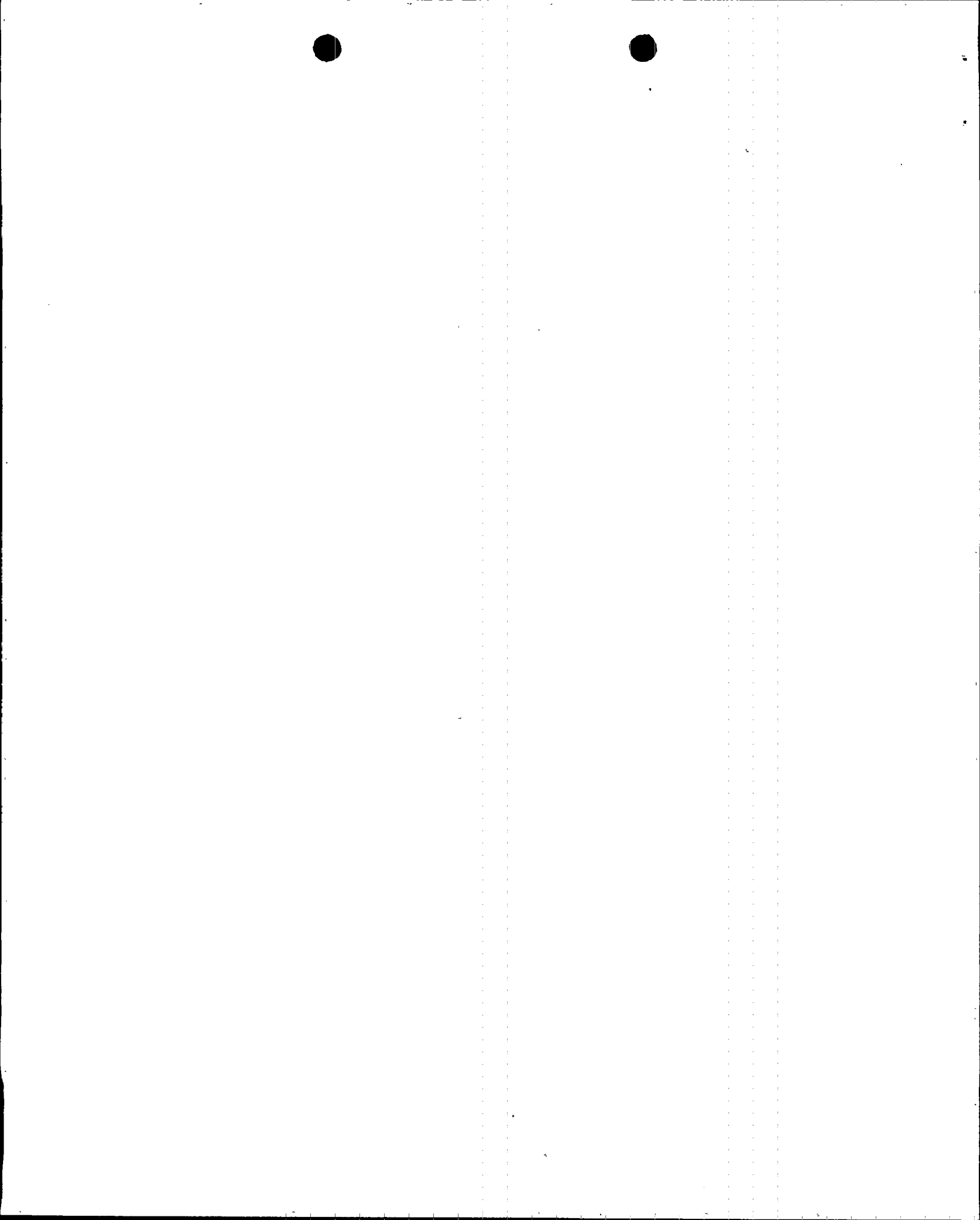
N/A

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

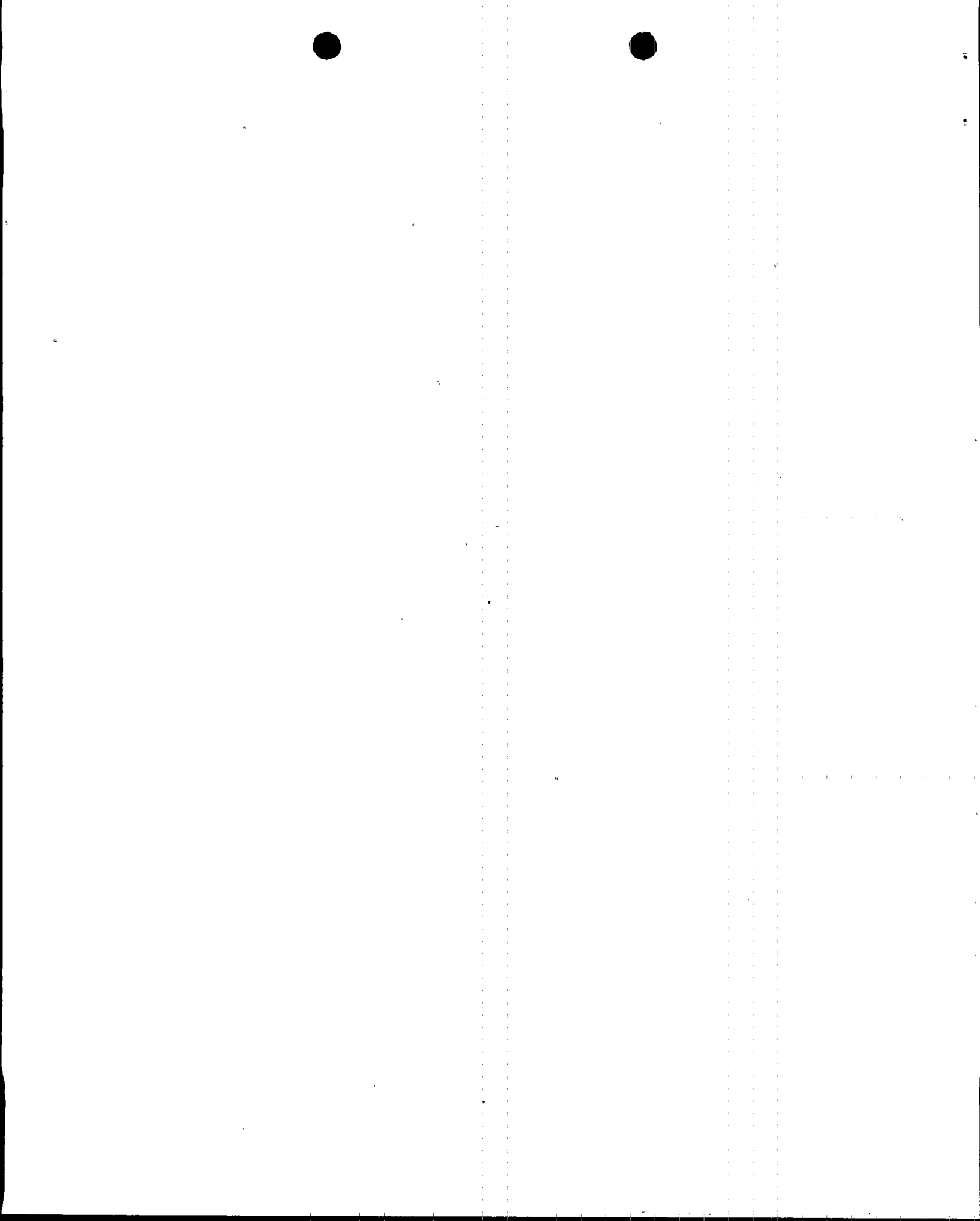
NOTIFICATION TIME 1045	FACILITY OR ORGANIZATION TURKEY POINT UNIT 4	UNIT 4	CALLER'S NAME RICHARD TUCKER	CALL BACK #: ENS 821-7674 or () - - -
EVENT TIME & ZONE 0130 EDT	EVENT DATE 5, 25, 93	1-Hr Non-Emergency 10 CFR 50.72(b)(1)		(v) Lost Offsite Comms
POWER/MODE BEFORE 1% / 2	POWER/MODE AFTER 1% / 2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

DESCRIPTION

AT 0130 ON 5/25/93 FEEDWATER CAPABILITY FROM BOTH
STANDBY FEEDWATER PUMPS WAS ISOLATED TO EFFECT REPAIRS
ON VALVE 4-20-130, 4A STEAM GENERATOR FEED REG BYPASS
UPSTREAM ISOLATION VALVE. STANDBY FEEDWATER CAPABILITY TO
TURKEY POINT UNIT 3 WAS NOT AFFECTED BY THIS EVOLUTION. REPAIRS
TO 4-20-130 ARE EXPIR 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 X	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	YES (Explain above)	X	NO
STATE(1)		X		DID ALL SYSTEMS FUNCTION AS REQUIRED?	X	YES	NO (Explain above)
LOCAL		X					
OTHER GOV AGENCIES		X		MODE OF OPERATION	2	ESTIMATE FOR RESTART DATE: 5/25/93	ADDITIONAL INFO ON BACK? NO
MEDIA PRESS RELEASE		X		UNTIL CORRECTED:			



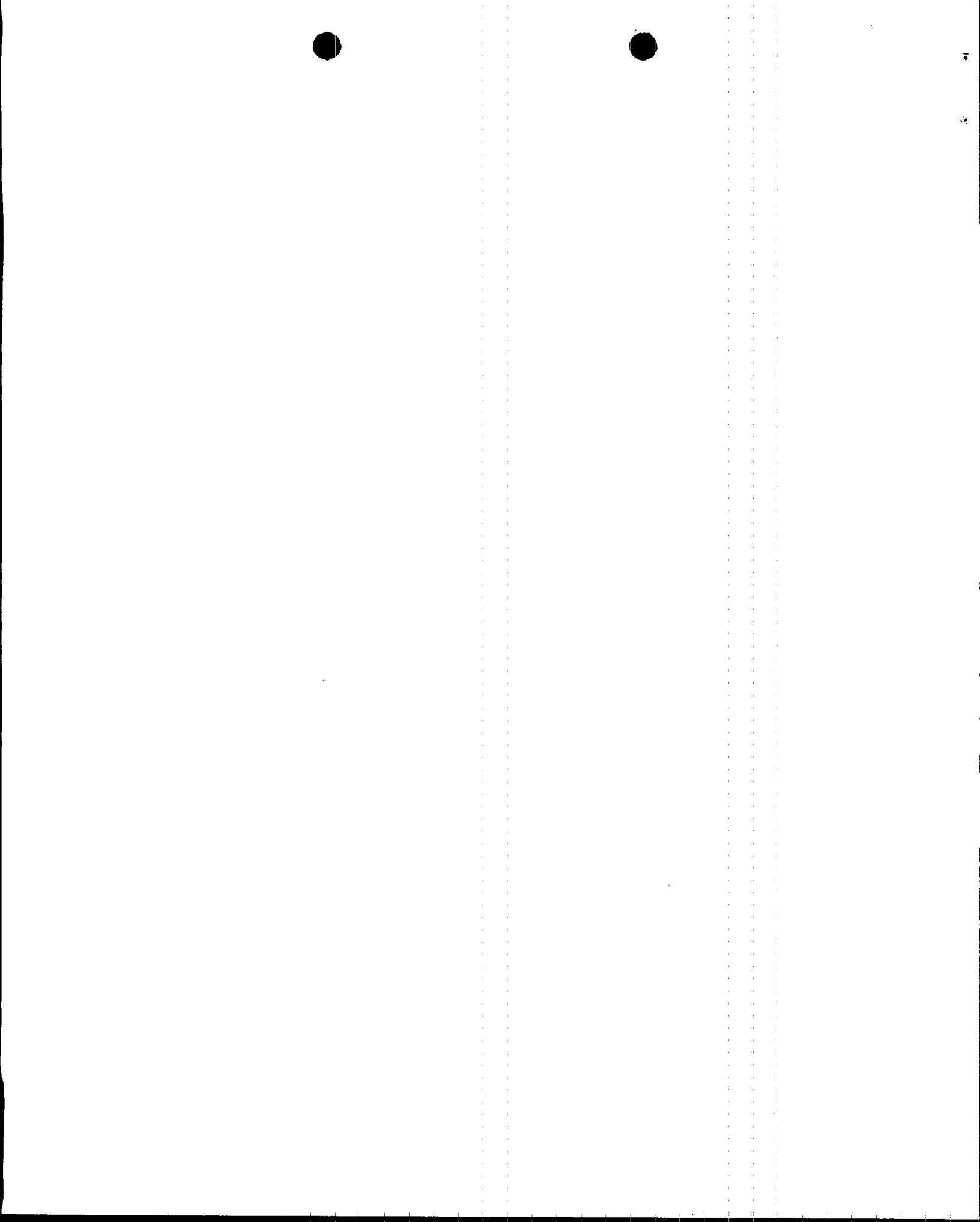
RADIOLOGICAL RELEASES: CHECK OR FILL IN APPLICABLE ITEMS (specific details/explanations should be covered in event description)						
LIQUID RELEASE	GASEOUS RELEASE	UNPLANNED RELEASE	PLANNED RELEASE	ONGOING	TERMINATED	
MONITORED	UNMONITORED	OFFSITE RELEASE	T.S. EXCEEDED	RM ALARMS	AREAS EVACUATED	
PERSONNEL 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			0.01 Ci
Particulate			1 uCi/mg			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 1045	FACILITY OR ORGANIZATION TURKEY POINT UNIT 4	UNIT 4	CALLER'S NAME RICHARD TUCKER	CALL BACK #: ENS 821-7674 or () - - -
EVENT TIME & ZONE 0130 ETD	EVENT DATE 5, 25, 93	1-Hr Non-Emergency 10 CFR 50.72(b)(1)		(v) Lost Office Comm
POWER/MODE BEFORE 1 1/2	POWER/MODE AFTER 1 1/2	(i)(A) TS Required S/D	(vi) Fire	(vi) Toxic Gas
		(i)(B) TS Deviation	(vii) Rad Release	(vii) Rad Release
		(ii) Degraded Condition	(viii) Oth Hampering Safe Op.	
		(iii)(A) Unanalyzed Condition	4-Hr Non-Emergency 10 CFR 50.72(b)(2)	
		(iii)(B) Outside Design Basis	(i) Degraded Whole S/D	
		(iii)(C) Not Covered by OPs/EPs	(ii) RPS Actuation (scram)	
		(iv) Earthquake	(iii) ESF Actuation	
		(v) Flood	(iii)(A) Safe S/D Capability	
		(vi) Hurricane	(iii)(B) RHR Capability	
		(vii) Ice/Hail	(iii)(C) Control of Rad Release	
		(viii) Lightning	(iii)(D) Accident Mitigation	
		(ix) Tornado	(iv)(A) Air Release > 2X App B	
		(x) Oth Natural Phenomenon	(iv)(B) Liq Release > 2X App B	
		(xi) ECCS Discharge to RCS	(v) Office Medical	
		(xii) Loss ENS	(vi) Office Notification	
		(xiii) Loss Emerg. Assessment		
EVENT CLASSIFICATIONS				
<input type="checkbox"/> GENERAL EMERGENCY				
<input type="checkbox"/> SITE AREA EMERGENCY				
<input type="checkbox"/> ALERT				
<input type="checkbox"/> UNUSUAL EVENT				
<input checked="" type="checkbox"/> 50.72 NON-EMERGENCY				
<input type="checkbox"/> PHYSICAL SECURITY (73.71)				
<input type="checkbox"/> TRANSPORTATION				
<input type="checkbox"/> 20,403 MATERIAL/EXPOSURE				
<input checked="" type="checkbox"/> OTHER AP-103.12 AND				
<input type="checkbox"/> TECHNICAL SPECIFICATIONS				

DESCRIPTION

AT 0130 ON 5/25/93 FEEDWATER CAPABILITY FROM BOTH STANDBY FEEDWATER PUMPS WAS ISOLATED TO EFFECT REPAIRS ON VALVE 4-20-130, 4A 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 EXPR 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?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO (Explain above)
LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>		MODE OF OPERATION		
OTHER GOV AGENCIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>		UNTIL CORRECTED: 2	ESTIMATE FOR RESTART DATE: 5/25/93	ADDITIONAL INFO ON BACK? NO
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input checked="" type="checkbox"/>				



ADDITIONAL INFORMATION

USNRC OPERATIONS CENTER

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

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
Radionuclides			10 uCi/sec			501 Ci
Particulates			1 uCi/min			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 0-ADM-262.	
DATE: <u>5-25-93</u>	TIME: <u>7:15 AM</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
Equipment, upcoming activities & shift assignments.

1945 All Clearances on S6HPs, FW System Released,
commenced placing FW system in service.

1948 Started 4A S6HP

1950 PLACED AMSAC IN SERVICE AS PER 4-OP-049.1

2125 Reviewed 4-OSP-041.1 RCS Schedule 027

2135 Reviewed 4-OSP-075.7 TRN 2 AFW
Operability Set

2200 Unit 4 Entered Mode 1

2210 RECEIVED TURBINE TRIP / GENERATOR LOCKOUT DUE
TO ~~FW~~ ^{FW} GENERATOR GROUND TRIP. INVESTIGATING
FOR CAUSE

