

R4-5A21

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<u>CNS OPERATIONS MANUAL</u> ALARM PROCEDURE 2.3_A-4 PANEL A - ANNUNCIATOR A-4	CLASS: CONTINUOUS EFFECTIVE: 12/10/03 APPROVAL: SORC/IQA OWNER: OSG SUPV DEPARTMENT: OPS
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PANEL/WINDOW LOCATION: A-4/A-1

	SETPOINT	CIC
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> CIRC WATER PUMP A TRIP </div>	(3350) CIRC WATER PUMP A TRIP caused by:	EE-REL-CWP1A(30):
	1. Undervoltage	1. EE-REL-(27X 1-1A)
	2. Lockout	2. EE-REL-CWP1A(86)
	3. Power factor	3. EE-REL-CWP1A(55) and EE-REL-CWP1A(48)
	4. Pump switch in PULL-TO-LOCK with discharge valve 20% open	4. CW-SW-(CWP-1A)(CS) and CW-MO-112MV
	5. Discharge valve not full open	5. CW-SW(CWP-1A)(CS) and CW-MO-112MV
6. Overload	6. EE-REL-CWP1A (50-50-51) and EE-REL-CWP1A(50G)	

1. AUTOMATIC ACTIONS

1.1 CW-MO-112MV, CW PUMP A DISCHARGE, closes.

2. OPERATOR OBSERVATION AND ACTION

2.1 If condenser vacuum lowering, concurrently enter Procedure 2.4VAC.

NOTE - If condenser vacuum is lowering, do not backwash pump before starting.

2.2 If available, start another circulating water pump.

2.3 If liquid discharge in progress, ensure adequate dilution or secure discharge.

3. PROBABLE CAUSES

3.1 None.

4. REFERENCES

4.1 Abnormal Procedure 2.4VAC, Loss of Condenser Vacuum.

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SW GLAND WTR SUPPLY SYSTEM A TROUBLE

SETPOINT
 (3445) SW GLAND WATER SUPPLY
 SYS A TROUBLE caused by any SW
 Gland Water Panel A alarm

CIC
 ANN-ANN-SWGWSA

1. AUTOMATIC ACTIONS

1.1 None.

2. OPERATOR OBSERVATION AND ACTION

2.1 Take action per Procedure 2.3_SW-GLND-A, Annunciator 1A/A-3 on SW Gland Water Panel A.

3. PROBABLE CAUSES

3.1 Any alarm condition on SW Gland Water Panel A.

4. REFERENCES

4.1 Alarm Procedure 2.3_SW-GLND-A, SW Gland Water Supply Panel - Annunciator 1A.