

CONTROL BLOCK:

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 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK:

							(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

REPORT

0	1	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																			
		L	6	0	5	0	0	0	3	1	6	7	0	1	0	3	8	1	8	0	1	2	3	8	1	9															

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | DURING NORMAL OPERATION, AN ANNUNCIATOR WAS RECEIVED WHICH INDICATED THE LOSS OF
0 3 | CONTROL VOLTAGE TO THE WEST RHR PUMP, THUS MAKING THE TRAIN OF RHR INOPERABLE WHICH
0 4 | IS CONTRARY TO T.S.3.5.2. THE REDUNDANT TRAIN OF RHR WAS AVAILABLE AND OPERABLE.
0 5 | THERE WAS NO EFFECT ON THE PUBLIC HEALTH OR SAFETY. THIS IS THE FIRST OCCURRENCE
0 6 | OF THIS NATURE AND THE TOTAL TIME OF PUMP INOPERABILITY WAS 1 HOUR AND 46 MINUTES.
0 7 |

0	8		8
7	8		

SYSTEM CODE C F 11		CAUSE CODE E 12		CAUSE SUBCODE A 13		COMPONENT CODE C K T B R K 14				COMP. SUBCODE A 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 8 9		EVENT YEAR 8 1 22		SEQUENTIAL REPORT NO. 0 0 1 24		OCCURRENCE CODE 0 3 28		REPORT TYPE L 30		REVISION NO. 0 32			
ACTION TAKEN E 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 22		ATTACHMENT SUBMITTED N 23		NPRD-4 FORM SUB. N 24	
PRIME COMP. SUPPLIER L 25		COMPONENT MANUFACTURER 1 2 0 2 26											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 THE CAUSE FOR THIS INCIDENT WAS DISCOVERED TO BE A LOOSE FUSE CLIP ON THE MAIN CONTROL

1 1 FUSES. THE FUSE CLIP WAS PROPERLY ADJUSTED AND THE BREAKER WAS CYCLED SEVERAL TIMES.

1 2 THE PUMP WAS PLACED ON MINI-FLOW FOR OPERABILITY. A STEP HAS BEEN ADDED TO THE MAIN-

1 3 TENANCE INSPECTION PROCEDURE FOR 4KV CIRCUIT BREAKERS TO CHECK AND ADJUST THESE FUSE

1 4 CLIPS DURING EACH INSPECTION.

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FACILITY STATUS (28) % POWER (29) OTHER STATUS (30) METHOD OF DISCOVERY (31) DISCOVERY DESCRIPTION (32)

1 5 F 0 7 0 NA A OPERATOR OBSERVATION.

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)
1 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
NA

LOCATION OF RELEASE (36)
NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z (38) NA				

PERSONNEL INJURIES		DESCRIPTION
NUMBER		
18	000	NA

7		8		9		11		12		80		
LOSS OF OR DAMAGE TO FACILITY (43)												
TYPE		DESCRIPTION										
1	9	Z	(42)	NA								

[illegible]

NRC USE ONLY

8102020431 C. E. MURPHY
NAME OF PREPARER

PHONE: 616-465-5901 (X-1305)

LER EVALUATION FORM

Type of Report: 10 Day ☐ 14 Day ☐ 30 Day ☒ LER: 81-001/03L-0 Unit: 2

C/R: 2-1-81-004

Event Date/Time: 1/3/81 1925 HRS

1. Event Description MOMENTARY LOSS OF CONTROL VOLTAGE TO 2-W RHR PUMP
2. Was proper notification made? Yes ☐ No ☐ N/A
3. Is LER description adequate to assess event? Yes ☒ No ☐
4. Was immediate corrective action identified and implemented? Yes ☒ No ☐ N/A ☐
5. Was event attributable to personnel error? Yes ☐ No ☒
If Yes, were personnel error forms filled out? Yes ☐ No ☐
6. If event is not personnel error, identify cause code and reason.
☐ Design, Manufacturing, Construction/Installation ☐ External (Natural Phenomena)
☐ Defective Procedure ☒ Component Failure ☐ Other
7. What action was taken to prevent recurrence?
☐ Physical Modification ☒ Procedural Modification ☐ Other (Specify)
CHECKING OF FUSE CLIPS INCORPORATED IN MAINT. PROCEDURE - BAS TO CHECK
8. Was corrective action adequate to correct and prevent recurrence? Yes ☒ No ☐
Is event applicable to other unit? Yes ☒ No ☐
Is cause code correct? Yes ☒ No ☐
9. *Are any follow up reports or long term commitments required? Yes ☐ No ☒
ADD CORRECTIVE ACTION TO LER - BAS TO INCORPORATE
RELATIVE TO FUSE CLIP CHECK
1/21/81 NOTE - A STEP HAS BEEN ADDED TO MAINTENANCE PROCEDURE MHP.5021.082.001
REQUIRING EXAMINATION OF CONTROL FUSES FOR TIGHTNESS IN CLIPS.
BAS 1/21/81

*If Yes, send copy of this form to Department Head.

REVIEWED BY: [Signature]
(CHAIRMAN) Signature
[Signature] Signature
[Signature] Signature

1/20/81
Date
20 Jan 81
Date
20 JAN 81
Date

- A. Personnel Error - This classification is assigned to occurrences attributed to human errors. When errors are made as a result of following incorrect written procedures, the occurrence should be entered under defective procedures (see Paragraph D below). When errors are made because written procedures are not followed or because qualified personnel do not perform in accordance with accepted or approved practice, the occurrence should be classified under personnel error.
- NOTE: For occurrences attributed to this classification, the specific type of personnel involved (licensed and senior operators, non-licensed operations personnel, etc.) must be designated under Item 13 of the LER form.
- B. Design, Manufacturing, Construction/Installation - This classification is assigned to occurrences reasonably attributed to design, manufacture, construction or installation of the system, component or structure resulting in the event. For example, failures that are traced to such things as defective materials, significant breakdown in the quality assurance program or components otherwise unable to meet the specified functional requirements or performance specifications should be included in this classification.
- NOTE: For occurrences attributed to this classification, the specific assignable proximate cause (design, manufacturing, construction/installation) must be designated under Item 13 on the LER form.
- C. External Cause - This classification is assigned to occurrences attributed to natural phenomena. A typical example includes an event such as loss of offsite power resulting from a lightning strike, tornado or flood.
- D. Defective Procedures - This classification is assigned to occurrences caused by inadequate or incomplete written procedures (see Paragraph A above) or instructions.
- E. Component Failure - This classification is assigned to occurrences or events attributed to component malfunctions resulting in failure of the equipment to perform its intended function. The performance of equipment outside limits specified in the Technical Specifications, the Safety Analysis Report or other applicable requirements, should be included here unless the proximate cause clearly should be otherwise assigned. This classification should be used whenever the cause of equipment failure cannot reasonably be attributed to design, manufacturing, construction or installation errors (see Paragraph B above). Considerable judgment is required to segregate equipment failures caused by operating or maintenance errors or deficiencies (see Paragraph A above).
- NOTES:
1. This classification is to be used only when a component failure caused the event, with the details provided under cause description. If one or more components fail because of some event, choose the appropriate proximate cause code and provide details of the component failures under the event description.
 2. For occurrences attributed to certain component failures, the specific component must be further categorized under Item 13.
- X. Other. This classification shall be assigned to occurrences for which the proximate cause cannot be identified or which cannot be assigned to one of the classifications noted above.

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