

I	T	L	S	C	I	(2)	0	0	-	0	0	0	0	-	0	0	(3)	4	1	0	0	0	(4)					(S)
LICENSEE CODE						14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT 58				

0 1 2 3 4 5 6 7 8 9
REPORT SOURCE L 6 0 5 0 0 0 3 7 3 7 0 6 0 6 8 3 2 0 7 0 5 8 3 9
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

On June 6, 1983 Unit One was operating at 1435 MWt (44% power) when an indication of high vibration on the main turbine caused a turbine trip and scram. After the scram, reactor recirculation breaker 4B was in the closed position though it should have opened on the EOC-RPT.

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER						
X	18	Z	19	Z	20	Z	21	0	0	0	0	Y	23	N	24	N	25	1	0	0	5	26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | RR Pump B breaker 3B opened but redundant breaker 4B did not. The cause of the

1 1 | failure to open could not be determined. The breaker was tested satisfactorily

1 2 | 4 times and the logic was also tested satisfactorily. On 14 June 1983, the Main

1 3 | turbine tripped at High Power and the 4B breaker functioned correctly.

7	8	9											80												
FACILITY STATUS		% POWER			OTHER STATUS (30)					METHOD OF DISCOVERY		DISCOVERY DESCRIPTION (32)										80			
1	5	B	(28)	0	4	1	(29)	NA					A	(31)	Observation										80

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z (33) Z (34) NA NA

PERSONNEL EXPOSURES										
NUMBER		TYPE		DESCRIPTION (39)						
1	7	0	0	0	(37)	Z	(38)	NA		

PERSONNEL INJURIES		DESCRIPTION (41)	
NUMBER			
1	0	AD	NA

IE22

7	8	9	11	12
		LOSS OF OR DAMAGE TO FACILITY	(43)	
		TYPE	DESCRIPTION	
				N/A

1 9 Z 42 NA
7 8 9 10
PUBLICITY (45) 8307110488 830705 NRC USE ONLY
ISSUE DESCRIPTION PDR ADPOCK 05000373

[2] [0]

PDR ADDER 68009375
S PDR

68 69 _____ 80

NAME OF PREPARER J. C. Renwick

PHONE: (815) 357-6761 x 243

I. LER NUMBER: 83-060/03L-0

II. LASALLE COUNTY STATION: Unit 1

III. DOCKET NUMBER: 050-373

IV. EVENT DESCRIPTION:

On 6 June 1983 with Unit 1 at 1435 MW thermal and 443 MW electric, the main turbine tripped due to a spurious electrical spike on the number 8 bearing. The reactor scrammed promptly on Turbine Stop Valve Closure Signal EOC-RPT functioned to shift the RR pumps to slow speed. The 4B breaker to RR Pump B did not open as did the 3B breaker. RR Pump A breakers 3A and 4A did open promptly.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

Reactor Power and Pressure followed expected trends on a turbine trip at high power. EOC-RPT did go to completion by means of the 3A, 4A and 3B opening. Breaker 4B which is redundant to the 3B breaker was tripped from the control room. The plant was maintained in a safe condition at all times and the health and safety of the public was not affected.

VI. CAUSE:

The exact cause of the failure of the 4B breaker to open could not be determined. The EOC-RPT logic did function properly because the 3A breaker opened at the EOC-RPT signal. The redundant logic for the 3B and 4A breakers functioned properly. The 4B breaker was manufactured by ITE Model Number 7.5 HK 1200A

VII. CORRECTIVE ACTION

Prior to restart of Unit 1 an On Site Review of this event was conducted (83-36). The following items were conducted as a result of the On Site Review in order to determine the cause of Breaker 4B failure to open.

1. Response time test for EOC-RPT conducted on 13 May 83 was reviewed and found to be satisfactory (LIS-RP-04)
2. Circuit Breaker 4B was tested 4 times and tripped successfully each time a simulated EOC-RPT signal. Twice in Test Position and twice Fully racked in.
3. Auxillary contacts were cleaned.
4. Turbine stop valve EOC-RPT logic was tested satisfactorily.

The cause of the 4B breaker failure to open could not be determined and based on the above actions, the breaker was declared operable.

On 14 June 1983, the Unit one turbine tripped at high power and EOC-RPT functioned properly.

Prepared by J. C. Renwick



Commonwealth Edison
LaSalle County Nuclear Station
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Telephone 815/357-6761

DMB

July 5, 1983

James G. Keppler
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Sir:

Reportable Occurrence Report #83-060/03L-0 Docket #050-373 is being submitted to your office in accordance with LaSalle County Nuclear Power Station Technical Specification 6.6.B.2.(b), conditions leading to operation in a degraded mode permitted by a limiting condition for operation or plant shutdown required by a limiting condition for operation.

G. J. Diederich
Superintendent
LaSalle County Station

GJD/GW/sjc

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
U. S. NRC Document Management Branch
Inpo-Records Center
File/NRC

JUL 7 1983
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