

CONTROL BLOCK:

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	I L D R S 2												2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5	
8		9 LICENSEE CODE 14												15 LICENSE NUMBER 25										26 LICENSE TYPE 30					57 CAT 58				

CON'T

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal plant operation the thermocouple monitoring the 1D Main Steam Line
0 3 | Isolation Valve (MSIV) Pilot Valve indicated that the temperature periodically
0 4 | exceeded the Tech Spec (3.7.D.4) limiting condition of operation of 170°F. Plant
0 5 | operation was not degraded because the 1D MSIV remained fully operable, as demon-
0 6 | strated by the required Tech Spec Surveillance. This is not a repetitive occurrence.
0 7 |
0 8 |
7 8 9

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE									
7	8	C	D	11	A	12	C	13	I	N	S	T	R	U	14	E	15	Z	16				
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.													
17	REPORT NUMBER	7	8	21	22	23	0	1	2	24	25	26	27	0	3	28	29	L	30	31	0	32	
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
X	18	G	19	A	20	A	21	0	0	5	0	22	Y	23	N	24	N	25	X	9	9	9	26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47									

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 One of two ventilation ducts to the MSIV's was found separated. The thermocouples,
1 1 however, had not been reattached to the valve after the recent refueling outage.
1 2 The valve was operated satisfactorily and the duct work and thermocouple repairs
1 3 were completed during a unit shutdown.
1 4

8 9		FACILITY STATUS		% POWER		OTHER STATUS (30)		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION (32)	
1	5	E	(28)	0	9	8	(29)	NA	C	(31)	Visual Inspection
8 9		ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY (35)		LOCATION OF RELEASE (36)			
1	6	Z	(33)	Z	(34)	NA		NA			
8 9		PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION (39)			
1	7	0	0	0	(37)	Z	(38)	NA			
8 9		PERSONNEL INJURIES		NUMBER		DESCRIPTION (41)					
1	8	0	0	0	(40)	NA					
8 9		LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION (43)					
1	9	Z	(42)	NA							
8 9		PUBLICITY		ISSUED		DESCRIPTION (45)				NRC USE ONLY	
2	0	N	(44)	NA							

NAME OF PREPARER

Desi Santanna

PHONE X-421

ATTACHMENT TO LICENSEE EVENT REPORT 78-012/03L-0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT 2 (ILDRS-2)
DOCKET #050-237

During normal plant operation on Feb. 18, 1978, the 1D Main Steam Line Isolation Valve (MSIV) Pilot Valve temperature exceeded the Technical Specification limiting condition of operation limit of 170°F. Work request #1394 was issued to investigate the high temperature condition. The MSIV 10% closure surveillance (DOS 250-1) was immediately satisfactorily completed as required by Tech. Spec. 4.7.D.4. The initial investigation revealed that the corresponding thermocouple and control room recorder were responding properly. As a result, a unit shutdown was initiated on Feb. 25, 1978 for further investigation. Prior to shutdown all MSIV's were successfully tested for operability. During the shutdown, it was discovered that the 1D MSIV pilot valve was not receiving full ventilation and that the thermocouple used to monitor the 1D MSIV pilot valve temperature was not mounted on the pilot valve. A check of the remaining MSIV's internal to the Drywell revealed that the thermocouples used to monitor the temperature of the 1A, 1B, and 1C MSIV pilot valves were not mounted on their respective pilot valves. One of the two ducts which in addition, provides cooling air to the 1D MSIV pilot valve was partially separated from the main ventilation duct. The duct work was properly repositioned, and the thermocouples were properly remounted on the pilot valves. The inboard MSIV pilot valve assemblies were removed for inspection during the last refueling outage. In order to prevent any damage to the temperature monitoring thermocouples, the thermocouples were disconnected from the pilot valves and strapped to an existing conduit away from the area of the pilot valve assemblies. At the completion of the refueling outage, the thermocouples were not remounted on the pilot valve assemblies.

To prevent a recurrence of this nature, procedures are being revised to inspect the ventilation ducts and thermocouples after refueling outages to ensure they are functioning correctly.



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3/28/78

REGULATORY DOCKET FILE COPY

March 17, 1978

BBS LTR #284-78



James G. Keppler, Regional Director
Directorate of Regulatory Operations - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Reportable Occurrence Report #78-012/03L-0, Docket #050-237 is hereby submitted to your office in accordance with Dresden Nuclear Power Station Technical Specification 6.6.B.2.(b), conditions leading to plant shutdown required by a limiting condition for operation.

B. B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

BBS:cac

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
File/NRC

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