



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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BBS LTR #284-78

James G. Keppler, Regional Director  
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U.S. Nuclear Regulatory Commission  
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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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