



**Commonwealth Edison**

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

December 2, 1981

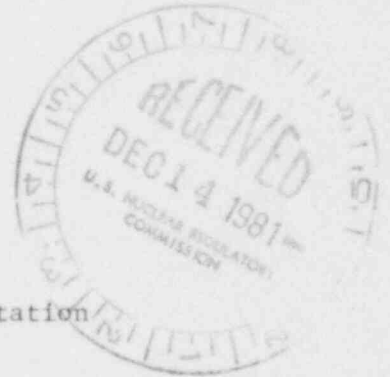
DJS Ltr. #81-946

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 #81-70/01T-0, Docket #050-237 is being submitted to your office in accordance with Dresden Nuclear Power Station Technical Specification 6.6.B.1.(e), failure or malfunction of one or more components which prevents or could prevent, by itself, and the fulfillment of the functional requirements of system(s) used to cope with accidents analyzed in the SAR.

*DJ Scott*

D. J. Scott  
Station Superintendent  
Dresden Nuclear Power Station



DJS:nh

Enclosure

cc: Director of Inspection & Enforcement  
Director of Management Information & Program Control  
U.S. NRC, Document Management Branch  
File/NRC

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ATTACHMENT TO LICENSEE EVENT REPORT 81-70/01T-0  
COMMONWEALTH EDISON COMPANY (CWE)  
DRESDEN UNIT 2 (ILDERS-2)  
DOCKET # 050-237

During normal unit operations, following a failure of the weld that attaches the operator mounting flange to the valve yoke of core spray full flow test valve M02-1402-4B, an inspection of the operator mounting flange of M02-1402-4A valve was performed and crack indications were found over approximately 2/3 of the circumference weld. The core spray system was declared inoperable, per Tech. Spec. 3.5.A.1. There was no effect to public health or safety. This event is of minimum safety significance because the other ECCS were operable. Previous occurrence; R.O. 50-237/81-69.

The cause of the cracked weld on the M02-1402-4B valve operator flange was due to a poorly made fillet weld. When the operator mounting flange of M02-1402-4B was inspected, it was observed that fusion of the weld was not uniform around the circumference of the flange and it eventually failed. The flange of M02-1402-4B was machined and reattached to the yoke with a deep fillet weld. The crack on weld of M02-1402-4A was ground off and a new fillet weld was applied circumferentially around the flange. DOS 1400-2 will continue to be performed monthly to verify core spray valve operability.

The U-3 core spray system has two valves of similar function and type (M03-1402-4A and M03-1402-4B). An inspection was performed and the welds around the operator flange were found to be in good condition.