



ATTACHMENT TO LICENSEE EVENT REPORT 77-054/03L-0  
COMMONWEALTH EDISON COMPANY (CWE)  
DRESDEN UNIT 2 (ILDRS-2)  
DOCKET # 050-237

During Unit 2 refueling outage, control rod drive (CRD) H-5 overtraveled indicating uncoupling when withdrawn to position 48 during functional testing. CRD H-5 was recoupled and coupling verified in accordance with the requirements of T.S. 3.3.B.1. CRD uncoupling has little safety significance since it occurs only when the rod is withdrawn to position 48. This is the first uncoupling of CRD H-5. Five other CRD's have uncoupled since the 1975 Unit 2 refueling outage (reportable occurrences: 50-237/1977-14, 15, 22 & 29; 50-237/1976-68, 72).

CRD H-5 (SN-773C) was removed from the reactor vessel and during subsequent disassembly and inspection it was found that its inner filter was unlatched. An unlatched inner filter rests on top of the stop piston connector. Movement of the CRD can lift the filter off the stop piston connector decreasing the clearance between the uncoupling rod and blade coupling lock plug. When withdrawn to position 48, the CRD can uncouple when the uncoupling rod imparts enough force to push the inner filter back against the stop piston connector. With the filter back against the stop piston connector, the CRD can be recoupled.

Since the cause of CRD uncoupling is believed to be improper inner filter installation, the following changes to the CRD assembly procedure were made prior to this refueling outage to ensure proper installation.

1. Installation of the inner filter by CECO Quality Control.
2. Performance of a 20 to 30 pound pull test following installation.
3. Performance of a push-pull test to verify that the extent of inner filter travel on the stop piston connector flats is limited to approximately 1/8 inch.

FRIEDLAND DOCUMENT  
PROCESSING UNIT

1977 DEC 116 4PM 22 336



Commonwealth Edison  
Dresden Nuclear Power Station  
R.R. #1  
Morris, Illinois 60450  
Telephone 815/942-2920

*O. L. Lanham*  
REGULATORY DOCKET FILE COPY

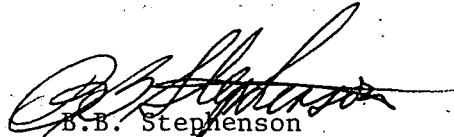


December 2, 1977

BBS LTR #1109-77

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

Reportable Occurrence Report #77-054/03L-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 operation in a degraded mode permitted by a limiting condition for operation.

  
B.B. Stephenson  
Station Superintendent  
Dresden Nuclear Power Station

BBS:dlz

Enclosure

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

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