

Commonwealth Edison Company
Dresden Generating Station
6500 North Dresden Road
Morris, IL 60450
Tel 815-942-2920



May 15, 1998

JMHLTR: #98-0141

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Enclosed is Licensee Event Report 98-005, Docket 50-237, which describes the failure of the High Pressure Coolant Injection automatic trip circuitry to operate properly. Even though the HPCI system was capable of initially responding to an actuation signal, it was unable to trip from an electrical signal. This failure resulted in the inoperability of the High Pressure Coolant Injection System. This condition is being reported pursuant to 10 CFR 50.73(a)(2)(v)(D) which requires the reporting of any event or condition that alone could have prevented the fulfillment of the safety function of a system required to mitigate the consequences of an accident.

Immediate corrective actions included the following:

1. Leads in the Unit 2 HPCI turbine trip solenoid valve control circuit in the HPCI turbine main terminal box were cleaned. (Complete)
2. The HPCI turbine stop valve was opened and tripped closed from the control room using "Remote Turbine Trip" push-button three times satisfactorily. (Complete)
3. The Unit 3 HPCI main terminal box was inspected and the materiel condition of the box was found to be adequate. (Complete)

This correspondence contains the following commitments:

1. Materiel condition discrepancies of the Unit 2 HPCI main terminal box will be corrected. (NTS 237-180-98-00501)
2. All additional terminal strip leads will be inspected, and cleaned if needed, in the Unit 2 HPCI turbine main terminal box. (NTS 237-180-98-00502)
3. Inspection of selected terminal strip leads in the Unit 3 HPCI turbine main terminal box for potential cleaning, will be conducted based on importance to HPCI operability and visual indication of corrosion product buildup. (NTS 237-180-98-00503)
4. An inspection and evaluation will be conducted of all HPCI system terminal boxes located in the Unit 2 and 3 HPCI rooms for materiel condition and to determine need and scope of appropriate preventive maintenance. Should the inspection and evaluation identify a cause other than stated in LER 2-98-005, a supplemental LER will be submitted. (NTS 237-180-98-00504).

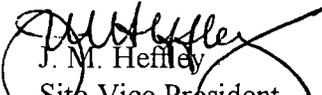
9805210311 980515
PDR ADOCK 05000237
S PDR

USNRC
JMHLTR: #98-0141

May 15, 1998
Page 2

If you have any questions, please contact Frank Spangenberg, Dresden Regulatory Assurance Manager at (815) 942-2920 extension, 3800.

Sincerely,


J. M. Heffley
Site Vice President
Dresden Station

Enclosure

cc: A. Bill Beach, Regional Administrator, Region III
NRC Resident Inspector's Office