

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



May 28, 1999

JMHLTR: #99-0064

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

Dresden Nuclear Power Station, Unit 3
Facility Operating License No. DPR-25
NRC Docket No. 50-249

Subject: High Pressure Coolant Injection System Inoperable due to Gland Seal
Leak Off Condenser Hotwell Level Control Malfunction.
Licensee Event Report 1998-007-01

The enclosed Licensee Event Report, which is an final report, describes the failure of the High Pressure Coolant Injection gland seal leak-off (GLSO) subsystem to properly function. This malfunction would not have prevented the HPCI system from initiating and injecting. However, a prolonged failure of the GSLO subsystem could result in leakage of steam to the HPCI room and subsequent automatic isolation of the system resulted in a condition that may have prevented the High Pressure Coolant Injection System from performing its intended function. This condition is being reported pursuant to 10CFR50.73(a)(2)(v)(D) which requires that the licensee report any event or condition that alone could have prevented the fulfillment of the safety function of structures or systems that are needed to mitigate the consequences of an accident.

The following actions were taken:

3
A continuous vent has been installed from the casing of the Unit 3 HPCI GSLO drain pump back to the shell of the GSLO condenser. (Complete)

HPCI system surveillance and operating procedures have been revised to remove steps that manually start the GSLO drain pump and have the potential for operating the pump below the pump's low level shutoff. (Complete)

A continuous vent will be installed on the casing of the Unit 2 HPCI GSLO drain pump. (Complete)

9906070027 990528
PDR ADOCK 05000249
S PDR


IE22/

May 28, 1999
U.S. Nuclear Regulatory Commission
Page 2

A comprehensive "point-to-point" review of the HPCI system will be performed with the objective to prevent any future HPCI equipment failures of any type.
(Complete)

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

Respectfully,


J. M. Heffley
Site Vice President
Dresden Nuclear Power Station

Enclosure

cc: Regional Administrator, NRC Region III
NRC Senior Resident Inspector – Dresden Nuclear Power Station