

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



December 26, 1997

JMHLTR: #97-0130

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

SUBJECT: Licensee Event Report 97-017, Docket 50-237, "Potential Vortex  
Formation in the CST to HPCI Suction Nozzle Due to Original Design  
Error"

Enclosed is Licensee Event Report 97-017, Docket 50-237, which is being submitted in accordance with 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.

This correspondence contains the following commitments:

1. Immediate corrective actions to resolve the potential vortex issue included aligning the High Pressure Coolant Injection (HPCI) systems to provide suction from both Condensate Storage Tanks (CSTs). In addition, water levels in the tori and CSTs are being administratively controlled. However, further evaluation will be performed to determine the most appropriate resolution to avoid entraining air into the HPCI pumps. (237-180-97-01701)
2. Dresden Station will complete a review of other systems important to safety to determine if vortex formation is a concern. (237-180-97-01702)

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

Sincerely,



J. M. Heffley  
Station Manager  
Dresden Station

Enclosure

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