

Commonwealth Edison Company
Dresden Generating Station
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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 Manger 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