



**Commonwealth Edison**  
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Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

April 21, 1980

Mr. T. A. Ippolito, Chief  
Operating Reactors - Branch 3  
Division of Operating Reactors  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Dresden Station Unit 3  
Jet Pump Failure  
NRC Docket No. 50-249

Reference (a): April 16, 1980 meeting in NRC Offices, Bethesda,  
Md.

Dear Mr. Ippolito:

In the referenced meeting, Commonwealth Edison Co. and General Electric Co. presented information concerning the recent jet pump failure at Dresden Unit 3 and our plans for additional surveillance testing during the upcoming cycle.

As stated in that meeting, Commonwealth Edison plans to implement the following additional surveillances:

1. A daily comparison (or ratio) of jet pump loop flow to the respective recirculation pump speed will be made and compared to expected values obtained during plant operation. If the measured values differ by  $>5\%$  from the expected range (including noise), item 2 below will be performed.
2. Normalized individual jet pump flows will be compared to the characteristic pattern obtained during plant operation. If the measured values differ by  $>10\%$  from the expected range (including noise), a degraded or failed jet pump will be considered to exist.

As stated in the referenced meeting, the determination of a degraded or failed jet pump based on data obtained by items 1 and 2 above is only conclusive with recirculation pump speeds greater than 60%. If a jet pump failure is indicated at lower pump speeds, the speed will be increased as soon as possible to confirm the surveillance test results. If a degraded or failed jet pump is

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confirmed, applicable Technical Specification Limiting Conditions for operation for a failed jet pump will be followed.

Please address any questions you may have concerning this matter to this office.

Very truly yours,

A handwritten signature in cursive script, appearing to read "D L Peoples".

D. L. Peoples  
Director of  
Nuclear Licensing

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