



**Commonwealth Edison**

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690 - 0767

July 30, 1986

Mr. Harold R. Denton  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation  
Washington, DC. 20555

Subject: Byron Station Units 1 and 2  
Braidwood Station Units 1 and 2  
IE Information Notices 86-02 and 86-03  
NRC Dockets 50-454, 455, 456, and 457

Dear Mr. Denton:

Information is enclosed pertaining to the status of Information Notices 86-02 and 86-03 for Byron and Braidwood Stations. This was requested by your staff at a recent status meeting.

Information Notice 86-02

The failures of the Reliance Motor Corporation magnesium motors were attributed to a LOCA profile and functional testing much more severe than those required for both Byron and Braidwood stations.

Byron/Braidwood Limitorques are qualified to IEEE 382 along with requirements from IEEE 112. IEEE 382 subjects the limitorques to a simulated forty year life. Cycling frequency is controlled by IEEE 112 to prevent overheating of the induction motor.

Based on this information these failures have no impact on Byron and Braidwood Stations.

Information Notice 86-03

Byron Units 1 and 2 and Braidwood Unit 1 Limitorque operators have been verified to contain qualified jumper wires. Braidwood Unit 2 inspection will be completed by its fuel load. Any unqualified wires will be replaced by fuel load.

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Please direct any questions you may have regarding this matter to this office.

One signed original and fifteen copies of this letter are provided for your information.

Very truly yours,

*Anthony Miosi*

A. D. Miosi

cc: J. Stevens  
L. Olshan

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