



Commonwealth Edison

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December 27, 1983

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

Subject: Byron Generating Station Units 1 and 2
Braidwood Generating Station Units 1 and 2
Automatic PORV Isolation
NRC Dockets 50-454/455 and 50-456/457

Dear Mr. Denton:

This is to provide additional information regarding NUREG-0737 Item II.K.3.1, "Isolation and Testing of Automatic Power-Operated Relief Valve Isolation System". NRC review of this information should close out Confirmatory Issue 28 with regard to the issue of automatic PORV block valve actuation.

As indicated in Section E.49 of Appendix E to the Byron/Braidwood FSAR, the need for autoclosure of PORV block valves has been reviewed as part of a Westinghouse Owner's Group effort. The report on this effort, WCAP-9804, has been provided to the NRC. The study demonstrated that such a plant modification should not be made.

The study was intended to cover all Westinghouse plants, including Byron and Braidwood. Our review of the underlying assumptions made in this study indicates that it is indeed applicable to the Byron/Braidwood design. We conclude that automatic PORV isolation is unnecessary for these plants.

Please address further questions regarding this matter to this office.

One (1) signed original and fifteen (15) copies of this letter are provided for NRC review.

Very truly yours,

T. R. Tramm
Nuclear Licensing Administrator

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