



Commonwealth Edison
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DMB

October 15, 1984

Mr. James G. Keppler
Regional Administrator
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Byron Generating Station Units 1 and 2
Braidwood Generating Station Units 1 and 2
Barton Instrument Accuracy
NRC Docket Nos. 50-454/455/456/457

- References (a): January 28, 1983 letter from T. R. Tramm
to J. G. Keppler
- (b): March 28, 1983 letter from T. R. Tramm
to J. G. Keppler
- (c): June 1, 1983 letter from T. R. Tramm
to J. G. Keppler
- (d): September 8, 1983 letter from T. R. Tramm
to J. G. Keppler
- (e): December 15, 1983 letter from T. R. Tramm
to J. G. Keppler

Dear Mr. Keppler:

Reference (e) contained what was thought to be the final report on deficiencies 82-11 for Byron and 82-12 for Braidwood. The letter indicated that the Barton transmitter thermal non-repeatability problem was due to an electrical leakage path through calibration potentiometers to the instrument case and Barton calibration technique deficiencies. The letter also contained proposed corrective actions to eliminate the error sources.

Since that time Westinghouse had concluded that the Barton transmitters do not require replacement or modification to ensure that they would perform their intended safety function. A Westinghouse analysis determined that based upon the Byron/Braidwood setpoints sufficient margin still exists for each transmitter

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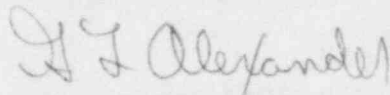
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application. Our Station Nuclear Engineering shares this conclusion.

To the best of my knowledge and belief the statements contained above are true and correct. In some respects these statements are not based on my personal knowledge but upon information furnished by other Commonwealth Edison employees, consultants and contractors. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

Please address further questions regarding this matter to this office.

Very truly yours,



G. L. Alexander
Nuclear Licensing Administrator

cc: Director of Inspection and Enforcement
Resident Inspectors - BY/BW

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