



Commonwealth Edison

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March 28, 1983

Mr. James G. Keppler, Regional Administrator
Directorate of Inspection and
Enforcement - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Byron Generating Station Units 1 and 2
Braidwood Generating Station Units 1 and 2
Limatorque Valve Operators
NRC Docket Nos. 50-454, 50-455, 50-456,
and 50-457

Reference (a): September 14, 1982 letter from T. R. Tramm
to J. G. Keppler.

Dear Mr. Keppler:

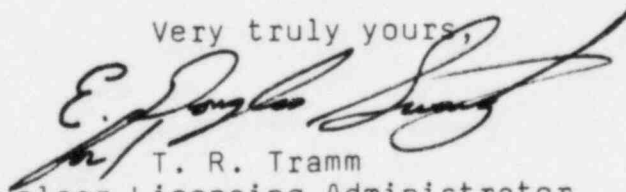
This letter provides the final report on a potential deficiency reportable pursuant to 10 CFR 50.55(e) regarding Limatorque valve operators at Byron and Braidwood stations. The 30-day report was provided in reference (a). For your tracking purposes this deficiency is numbered 82-06 for Byron and 82-05 for Braidwood.

Reference (a) indicated the possibility that pinion keys in Limatorque Model SBO operators were made of an inappropriate material.

Based upon extensive analysis, metallurgical evaluations and performance tests on the affected pinion keys, Westinghouse and Limatorque have concluded that the pinion key failures were a result of circumstances peculiar to SB-O-25 Limatorque operators installed on valves manufactured at Westinghouse EMD. Therefore, appropriate corrective action is only required on the SBO series Limatorque motor operators installed on Westinghouse EMD manufactured valves. There were no such valves shipped to Byron or Braidwood Stations from Westinghouse EMD. Although the valves identified in the referenced letter are equipped with Model SBO operators, they are not within the scope of the potential deficiency because the valves were not manufactured at Westinghouse EMD.

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

Very truly yours,



T. R. Tramm

Nuclear Licensing Administrator

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