



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

DMB

September 27, 1984

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

Subject: Byron Station Units 1 and 2
Braidwood Station Units 1 and 2
10 CFR 50.55(e) Final Report
Westinghouse Motor Control Centers
NRC Docket Nos. 50-454/455 and 50-456/457

References (a): T. Tramm Letter to J. G. Keppler
dated July 3, 1984.

Dear Mr. Keppler:

On June 1, 1984, the Commonwealth Edison Company notified your office of a deficiency reportable pursuant to 10 CFR 50.55(e) regarding spot-welded electrical connections in Westinghouse Motor Control Centers at our Byron and Braidwood Stations. Reference (a) provided information concerning this matter to fulfill the thirty day reporting requirement. For tracking purposes this deficiency was assigned Number 84-04 for Byron and 84-09 for Braidwood. The purpose of this letter is to update the status of corrective actions being taken to resolve this deficiency. This letter is considered to be a final report.

Westinghouse Electric Corporation has furnished acceptance criteria for the two wire sizes involved. At our Byron Station, a 100% inspection of safety-related motor control centers has been conducted and all defective connections, based on the Westinghouse acceptance criteria, have been identified. A review has been made of the identified connections and some have been found that are adequate to carry their design load. These will be replaced to bring them to design specification in the near future. The remaining connections have been replaced using Westinghouse-supplied replacement wire stabbers.

At our Braidwood Station, a 100% inspection of all safety-related motor control centers and necessary repairs will be conducted concurrently and will be initiated following receipt of Westinghouse replacements. It is anticipated that a partial shipment of replacement wire stabbers will be received by mid-October. All Braidwood inspections and repairs will be complete prior to Unit 1 fuel load.

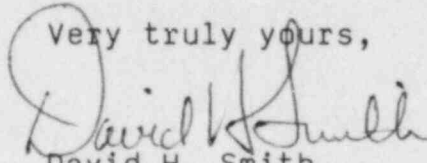
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Please address any questions that you or your staff may have concerning this matter to this office.

Very truly yours,

A handwritten signature in dark ink, appearing to read "David H. Smith". The signature is written in a cursive style with a large, looped initial "D".

David H. Smith
Nuclear Licensing Administrator

cc: NRC Resident Inspector - Braidwood

Director of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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