



Commonwealth Edison
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DmB

July 18, 1984

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

Subject: Braidwood Station Units 1 and 2
10 CFR 50.55(e) 30 Day Report
Ventilation Housing Installation
NRC Docket No. 50-456/457

Dear Mr. Keppler:

On June 5, 1984, the Commonwealth Edison Company notified Mr. Paul Telke of your office of a deficiency reportable pursuant to 10 CFR 50.55(e) regarding the installation of the quarter-inch liner plates for the Auxiliary Building Ventilation Exhaust Filter Housings, the Unit 1 and 2 Reactor Containment Fan Cooler Housings, and the Unit 1 and 2 eighty-four inch Return Air Risers at our Braidwood Station. For your tracking purposes, this deficiency was assigned Number 84-08.

This letter fulfills the thirty day reporting requirements of 10 CFR 50.55(e) regarding this matter, and is considered to be an interim report.

DESCRIPTION OF DEFICIENCY

The quarter-inch liner plates for the Auxiliary Building Ventilation Exhaust Filter Housings, the Unit 1 and 2 Reactor Containment Fan Cooler Housings, and the Unit 1 and 2 eighty-four inch Return Air Risers were not installed in accordance with the appropriate drawings and specifications. Welding configurations do not match drawings in some cases, and weld quality inspections were incomplete in some cases.

ANALYSIS OF SAFETY IMPLICATIONS

A weld failure resulting from a seismic event could potentially reduce the efficiency of the Auxiliary Building Ventilation Exhaust Filters due to air inleakage bypassing some of the filters. This could potentially increase the off-site dose in the event of a LOCA.

A weld failure resulting from a seismic event could potentially reduce the cooling effectiveness of the Reactor Containment Fan Cooler Housings and Return Air Risers due to air infiltration. This air infiltration has the potential of extending plant operation beyond the allowable pressure/temperature curve limits for the Containment Buildings in the event of a LOCA.

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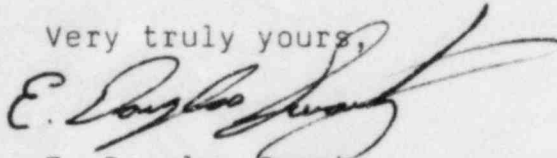
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CORRECTIVE ACTION TAKEN

The necessary welding configuration requirements will be provided to ensure that structural requirements are met. The installation contractor will conduct the welding configuration inspections and weld quality inspections where inspections were not completed. Future welding and welding inspections will be conducted in accordance with the contractor's upgraded quality assurance program. A Commonwealth Edison Company Nonconformance Report Nos. 632 was issued to track this deficiency. The status of our activities and schedule for completion of the corrective actions will be provided in a supplemental report by October 1, 1984.

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

Very truly yours,



E. Douglas Swartz
Nuclear Licensing Administrator

cc: RIII Inspector - Braidwood

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

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