



**Commonwealth Edison**  
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DMB

February 21, 1985

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) No. 85-02 30-day Report  
Tank and Heat Exchanger Welding  
NRC Docket Nos. 50-456/457

Dear Mr. Keppler:

On January 22, 1985, the Commonwealth Edison Company notified your office of a potential deficiency reportable pursuant to 10 CFR 50.55(e) regarding deficient welds on certain ASME Section III tanks and Heat Exchangers at our Braidwood Station. This letter provides information concerning this matter to fulfill the thirty day reporting requirement. For tracking purposes, this deficiency was assigned Number 85-02.

DESCRIPTION OF DEFICIENCY

Welding on certain safety related ASME Section III Tanks and Heat Exchangers do not meet drawing, specification and in some cases Code requirements. The deficient areas are divided into two categories:

- 1) CB&I field erected tanks. The associated weld deficiencies include undersized fillet welds, improper fit-up gap, unacceptable weld profile, improper weld configurations and missing welds.
- 2) Various vendor supplied safety related ASME Section III tanks and heat exchangers. Thus far, weld deficiencies in this category are limited to undersized fillet welds on integral vessel supports and reinforcing fillet welds on vessel nozzles.

At this time, issue scope is still being defined.

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ANALYSIS OF SAFETY IMPLICATIONS

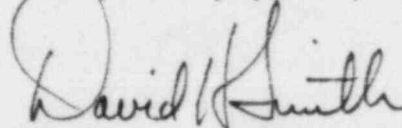
At this time, a definitive analysis of safety implications cannot be made. Such an analysis will be conducted following development of NCR dispositions as discussed below.

CORRECTIVE ACTION TAKEN

Commonwealth Edison Company NCR's 694 (category 1) and 711 (category 2) have been issued to track this issue. The actions required for resolution have not yet been determined. Consequently, an interim report will be submitted by April 8, 1985, to identify and status corrective actions as well as discuss the safety implications of this issue.

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

Very truly yours,



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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