



Commonwealth Edison

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690

DmB

April 22, 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 Interim Report
Tank and Heat Exchanger Welding
NRC Docket Nos. 50-456/457

Reference: (a) D. H. Smith letter to J. G. Keppler
dated February 21, 1985

Dear Mr. Keppler:

Reference (a) provided information concerning 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. The purpose of this letter is to provide an updated status of the corrective actions taken to resolve this issue. This letter is considered to be an Interim Report.

Status of Corrective Actions

As previously stated, this issue was divided into two categories and each assigned a Commonwealth NCR to facilitate tracking and resolution these issues:

- 1) Chicago Bridge & Iron field erected tanks with weld deficiencies, such as undersized fillet welds, improper fit-up gap, unacceptable weld profile, improper weld configurations and missing welds. This condition is limited to tanks supplied/erected by CB&I under the jurisdiction of ASME Section III. (NCR 694)
- 2) Various vendor supplied safety related ASME Section III tanks and heat exchangers with weld deficiencies limited to undersized fillet welds on integral vessel supports and reinforcing fillet welds on vessel nozzles. (NCR 711)

To obtain the information necessary to disposition NCR 694, Chicago Bridge & Iron (CB&I) will inspect the tanks identified within the scope of the NCR. All welds not in accordance with drawing requirements will be mapped and then evaluated by CB&I to determine if design criteria requirements have been met. Other tanks supplied/erected by CB&I will be inspected on a sample basis to determine if similar weld deficiencies exist. This action is currently in process, however, an estimate of completion has not been determined.

8505030399 850422
PDR ADOCK 05000456
S PDR

APR 25 1985

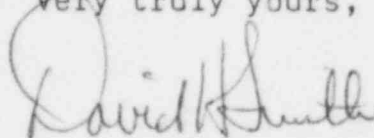
IE-27

Pittsburgh Testing Laboratory (PTL) is currently inspecting the tanks and heat exchangers identified within the scope of CECO NCR-711. All support and reinforcement fillet welds that do not satisfy the size, length, and configuration of the applicable drawings will be mapped. Those welds will be evaluated to determine if the design requirements have been met. Commonwealth Edison Company Project Field Engineering in conjunction with Sargent and Lundy will identify other vessels potentially involved. PTL will perform a "spot" inspection on these vessels to the aforementioned attributes. An estimate of completion has not been determined at this time.

It is anticipated that an interim report will be submitted in July, 1985 updating the status of corrective actions being taken.

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

/klj

cc: NRC Resident Inspector - Braidwood

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

9998N