



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

March 1, 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: Braidwood Station Units 1 and 2  
10 CFR 50.55(e) 30-day Report  
Pullman Sheet Metal HVAC Installation  
NRC Docket Nos. 50-456/457

Dear Mr. Keppler:

On January 26, 1983, Commonwealth Edison Company Project Construction notified Mr. Julian M. Hinds of your office of a deficiency reportable pursuant to 10 CFR 50.55(e) concerning Pullman Sheet Metal installation of HVAC system components at our Braidwood Station. For your tracking purposes, this deficiency has been assigned number 83-01.

This letter fulfills the thirty (30) day reporting requirements of 10 CFR 50.55(e) regarding this matter. Our delay in submittal of this report until March 1, 1983 was discussed with and approved by Mr. Charles E. Norelius of your office.

#### DESCRIPTION OF DEFICIENCY

A number of safety-related hangers, auxiliary steel, and bracing were not installed in accordance with dimensional tolerances and typical details as shown on the Sargent and Lundy design drawings. These deficiencies have been documented on CECO. NCR L-460.

#### ANALYSIS OF SAFETY IMPLICATIONS

Proper operation of safety-related HVAC equipment is required to assure operation of other safety-related equipment during design basis transients. The safety implications of this reportable deficiency could only be assessed after a case-by-case analysis of specific dimensional deviations.

MAR 3 1983

8303140594 830301  
PDR ADDCK 05000456  
S PDR

IE27

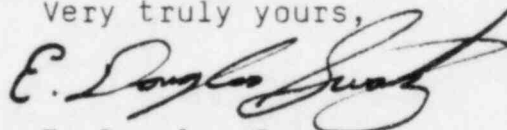
CORRECTIVE ACTION TO BE TAKEN

The following actions are being taken to correct the deficiencies:

- (1) The Pullman Sheet Metal revised procedure addressing configuration inspection of all hangers, auxiliary steel, and bracing was submitted to CECO. on November 18, 1982. Based upon site review, advance verbal approval was given on November 23, 1982.
- (2) The present design tolerances have been clarified and additional tolerances are being provided in order to achieve proper installation and inspection of the HVAC system.
- (3) Safety-related HVAC field installation work is being inspected in accordance with the revised inspection procedure to insure compliance with design details and tolerances.
- (4) A backfit program has been established for the inspection of hangers, braces and auxiliary steel installed prior to the implementation of Pullman's revised configuration inspection procedure.
- (5) Any necessary rework will be completed prior to fuel load.

Please address any questions concerning this matter to this office.

Very truly yours,



E. Douglas Swartz  
Nuclear Licensing Administrator

cc: Region III Inspector - Braidwood

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