



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

November 10, 1981

Mr. James G. Keppler, Director  
 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  
 I&E Inspection Report Nos.  
 50-456/81-10 and 50-457/81-10  
NRC Docket Nos. 50-456/457

Reference (a): October 14, 1981, letter from  
 C. E. Norelius to Cordell Reed.

Dear Mr. Keppler:

Reference (a) contained the report of an inspection conducted by Mr. C. M. Erb of activities at Braidwood Station on September 1-3, 1981. During that inspection, certain activities were found to be in noncompliance with NRC requirements. Attachment A to this letter contains Commonwealth Edison's response to the Notice of Violation.

To the best of my knowledge and belief the statements contained herein and in the attachment are true and correct. In some respects these statements are not based upon my personal knowledge but upon information furnished by other Commonwealth Edison employees and contractors. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

Please address questions regarding this matter to this office.

Very truly yours,

*L. O. DelGeorge*

L. O. DelGeorge  
 Director of Nuclear Licensing

LOD/lm

SUBSCRIBED AND SWORN to  
 before me this 10th day  
 of November, 1981.

*Rosalie A. Penta*  
 Notary Public

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ATTACHMENT A

Response to Notice of Violation

Violation:

10 CFR 50, Appendix B, Criterion V states in part, "Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, ...and shall be accomplished in accordance with these instructions, procedures or drawings.

S&L Specification 2722, Form 1700-T and ABD Procedure No. 5, Revision 1, require (1) torch cut holes must be reamed to size, (2) bent bolts up to 10° from perpendicular be cold straightened and nuts be hand tight, and (3) workmanship insuring bearing be attained with shims.

Contrary to the above, the following conditions were found at the 376 foot level outside containment:

Unit #1

<u>Beam No.</u>	<u>Size</u>	<u>Problem</u>
1002B1	14"	Torch cut hole in flange of beam
1002B3	14"	Bent bolts
A406B1	16"	Bent bolts, loose nut

Unit #2

4006B1	16"	Bent bolts, loose nut
A42B32	14"	Bent bolts, less than full bearing
A606B1	15"	Bent bolts, less than full bearing

Corrective Action Taken:

- A. Commonwealth Edison NCR #313 was written on 9/02/81 to disposition the torch cut holes in Beam 1002B1. A plate washer will be welded to the flange in accordance with S&L Standard Specification BY/BR/CEA.
- B. Bent bolts on Beams 1002B3, A406B1, A42B32 and A606B1 were straightened using Gust K. Newberg Procedure #38.
- C. Shim plates were added between bearing plates and beams to ensure full bearing.

Corrective Action Taken to Prevent Reoccurrence:

The beams as originally installed by American Bridge were acceptable at the time of installation but were removed by another contractor to install pipe and equipment and were subsequently never reinspected upon reinstallation. A letter has been issued to all contractors to gain CECo permission prior to disassembling any piece of installed equipment or structure.

A sample reinspection of A-307 bolted connections will be performed by the independent testing contractor to insure that this problem does not occur anywhere else.

Date When Full Compliance Will Be Achieved:

- A. The items identified by the inspection report were corrected prior to the Exit Meeting on September 3, 1981.
- B. It is expected that the sample reinspection will be completed by January 1, 1982.