



Commonwealth Edison

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

DMB

December 2, 1983

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
Cracked Battery Cells
NRC Docket Nos. 50-456 and 50-457

Dear Mr. Keppler:

On October 31, 1983, the Commonwealth Edison Company Project Management Department notified Mr. D. W. Hayes of your office of a deficiency reportable pursuant to 10 CFR 50.55(e) regarding the cracked Gould Battery cells at our Braidwood Station. For your tracking purposes, this deficiency was assigned Number 83-14.

This letter fulfills the thirty (30) day reporting requirements of 10 CFR 50.55(e) regarding this matter and is considered to be a final report.

DESCRIPTION OF DEFICIENCY

During an inspection of the Braidwood Unit 1 safety-related battery installation, cracks were discovered in three (3) of the Gould Battery cells. GNB Batteries Incorporated visually inspected all cells and determined that cell numbers 18, 52 and 53 were cracked. The cause of the cracking is not known at this time. However, GNB Batteries is expected to provide CECO. with an analysis of the cause of the cracking.

ANALYSIS OF SAFETY IMPLICATIONS

If this deficiency were to be left uncorrected, the crack in the cells could result in possible leakage resulting in a battery failure, and subsequent loss of their intended function.

8312090122 831202
PDR ADOCK 05000456
S PDR

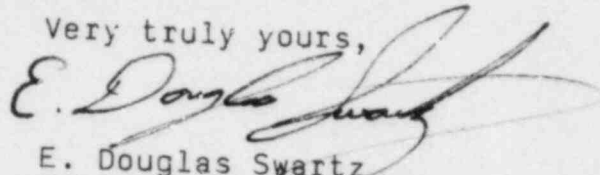
IE27
DEC 5 1983 1/0

CORRECTIVE ACTION TAKEN

Commonwealth Edison Company Project Construction Department has issued Non-Conformance Report No. 580. The corrective action is to replace the cracked cells. Work will be completed upon receipt of the new cells. Although no date of shipment has yet been set, these cells will be replaced prior to fuel load.

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 Insp. and Enf.
U.S. Nuclear Regulatory Commission
Washington, DC 20555

7703N