



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

DCD/DCB

April 30, 1991

PRIORITY ROUTING

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Mr. A. Bert Davis
Regional Administrator
U.S. Nuclear Regulatory Commission
799 Roosevelt Road-R111
Glen Ellyn, IL 60137

Subject: Braidwood Station Unit 1
Seismic Monitor
NRC Docket Nos. 50-456

Reference: (a) NUREG-1276, Technical Specification

Dear Mr. Davis:

Braidwood Station Technical Specification 3.3.3.3, for seismic monitors states that with one or more of the required seismic monitors inoperable for more than 30 days, prepare and submit a special report to the commission, pursuant to specification 6.9.2 within 10 days outlining the cause of the malfunction and the plans for restoring the instrument(s) to operable status. This letter is being submitted in accordance with this Technical Specification requirement for the free field seismic monitor.

The Seismic Monitoring System was declared inoperable on July 24, 1989 for the relocation of the free field monitor. This relocation was necessary to accommodate the construction of a new training facility. The relocation also necessitated an amendment to the Technical Specifications and bases. This amendment was received at Braidwood Station on 4/18/91. The Seismic Monitoring System had been considered inoperable until receipt of the amendment.

Beginning in January, 1991, the Time History Accelerograph has not performed reliably when attempting to record internal test signals. Efforts to troubleshoot and repair the unit at the station have proven to be unsuccessful. After consultation with the vendor, Terra Technology, it has been determined that the Digital Cassette Accelerograph (DCA 300P) and the Response Spectrum Analyzer would be returned to the vendor for repair. The units were shipped to the vendor the week of 4/22/91.

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Two options are being considered to restore the system to an operable status. They are:

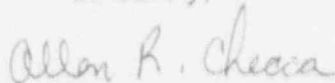
- a. Repair the DCA 300P unit, or
- b. Replace with the solid state DCA 300 R Ram Deck Recorder

The proposed schedule for restoration of the system is as follows:

4/29/91	Receive vendor quote for repair time and costs.
5/06/91	Determination made to repair or replace.
5/13/91	Vendor initiates action to repair or replace.
6/03/91	Vendor ships equipment to Braidwood.
6/10/91	Installation
6/17/91	Testing
6/24/91	System Returns to Service.

Please direct any questions concerning this submittal to this office.

Sincerely,



Allen R. Checca,
Nuclear Licensing Administrator

cc: R.M. Pulsifer, Project Manager - NRR
S. Dupont, Resident Inspector - Braidwood
Document Control Desk - NRR