

November 13, 1995

Mr. D. L. Farrar  
Manager, Nuclear Regulatory Services  
Commonwealth Edison Company  
Executive Towers West III  
1400 Opus Place, Suite 500  
Downers Grove, IL 60515

SUBJECT: ENVIRONMENTAL QUALIFICATION OF OKONITE TAPE SPLICES - BRAIDWOOD,  
UNITS 1 AND 2 (TAC NOS. M85035 AND M85036)

Dear Mr. Farrar:

By letter dated January 26, 1995, as supplemented on July 17, 1995, Commonwealth Edison Company provided an analysis to demonstrate environmental qualification (EQ) of Okonite tape splices for "local submergence" due to a line break accident at Braidwood Station. The submittals were in response to a safety evaluation (SE) issued by the NRC staff on September 8, 1994, which concluded that your previous analysis had not demonstrated qualification for submergence for the tape splices.

The NRC staff has concluded its review of your submittals and has determined that, for the current application at Braidwood Station, you have demonstrated qualification of Okonite tape splices for the potential submergence condition as specified in the enclosed SE. The only tape splices that are found to be acceptable are those at Braidwood Station in power and control circuits located in junction and pull boxes. Any other use of these splices in submerged EQ applications must be evaluated separately by the staff.

This letter concludes all actions for TAC Nos. M85035 and M85036.

Sincerely,

Original signed by

Ramin R. Assa, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456, STN 50-457

Enclosure: Safety Evaluation

cc w/encl: see next page

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Commonwealth Edison Company

Braidwood Station  
Unit Nos. 1 and 2

cc:

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