

September 28, 1998

Mr. Oliver D. Kingsley, President
Nuclear Generation Group
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: APPLICATION OF THE APPROVED ENVIRONMENTAL QUALIFICATION OF
OKONITE TAPE SPLICES FOR BRAIDWOOD STATION TO THE SAME
APPLICATION AT BYRON STATION (TAC NOS. MA3525 AND MA3526)

Dear Mr. Kingsley:

By letters dated January 26, 1995, and July 17, 1995, Commonwealth Edison Company (ComEd) provided an analysis to demonstrate environmental qualification (EQ) of Okonite tape splices for "local submergence" due to a line break accident at Braidwood Station. By letter dated November 13, 1995, the NRC staff provided a Safety Evaluation (SE) which concluded that ComEd had demonstrated qualification for partial submergence for the Okonite tape splices at Braidwood. The limited acceptance applied only to power and control Okonite tape splices that are located in junction and pull boxes.

By letter dated July 30, 1998, ComEd proposed the application of the January 26, 1995, and July 17, 1995, submittals and the November 13, 1995, SE for Byron Station. ComEd stated that the application of Okonite tape splices at Byron Station is the same as that at Braidwood Station.

The staff finds that the application of the previously approved qualification for Braidwood Station to the same application at Byron Station is acceptable. As before, the only tape splices that are acceptable are those at Byron Station in power and control circuits located in junction and pull boxes. Any other use of the Okonite tape splices in submerged EQ applications must be evaluated separately by the staff.

Should you have any questions, please contact me at (301) 415-3017.

Sincerely,

ORIG. SIGNED BY
John B. Hickman, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

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Docket Nos. STN 50-454, STN 50-455

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 28, 1998

Mr. Oliver D. Kingsley, President
Nuclear Generation Group
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: APPLICATION OF THE APPROVED ENVIRONMENTAL QUALIFICATION OF
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Should you have any questions, please contact me at (301) 415-3017.

Sincerely,

A handwritten signature in black ink, appearing to read "John B. Hickman".

John B. Hickman, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-454, STN 50-455

cc: See next page

O. Kingsley
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Byron Station
Units 1 and 2

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