

50-454



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

May 13, 1997

Ms. Irene M. Johnson, Acting Manager
Nuclear Regulatory Services
Commonwealth Edison Company
Executive Towers West III
1400 Ocas Pince, Suite 500
Downers Grove, IL 60515

SUBJECT: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 92-08 - BYRON
STATION, UNITS 1 AND 2 (TAC NOS. M85528 AND M85529)

Dear Ms. Johnson:

By letters dated April 16, 1993, July 8, 1993, August 4, 1993, February 10, 1994, December 16, 1994, March 29, 1995, September 20, 1995, February 5, 1996, March 21, 1996, July 12, 1996, and January 17, 1997, Commonwealth Edison Company (ComEd) responded to Generic Letter (GL) 92-08, "Thermo-Lag 330-1 Fire Barriers," dated December 17, 1992, and follow-up requests for additional information dated May 28, 1993, December 21, 1993, September 19, 1994, December 29, 1994, December 4, 1995, and June 12, 1996, in regard to Thermo-Lag 330-1 fire barriers installed at Byron Station, Units 1 and 2.

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed ComEd's letters. ComEd's responses stated that three methods of resolution would be utilized. They were (1) re-analysis of safe shutdown analyses to eliminate the need for the fire barrier; (2) re-routing of cables such that redundant safe shutdown trains are not located in the same fire zone; or (3) replacement of the Thermo-Lag 330-1 with a qualified fire barrier. By letter dated January 17, 1997, ComEd stated that all corrective actions for the resolution of the Thermo-Lag issues had been implemented at Byron. On the basis of its review, the staff has determined that ComEd has provided the information requested in GL 92-08 and the actions tracked by TAC Nos. M85528 and M85529 are complete.

Based on your February 5, 1996, March 21, 1996, July 12, 1996, and April 4, 1997, responses, however, there remain open issues involving ampacity derating of Thermo-Lag 330-1 which emerged as a result of the GL 92-08 review. The resolution of these ampacity derating issues are being treated generically and tracked by TAC No. M82809.

ComEd should retain all documentation related to the resolution of the concerns with Thermo-Lag 330-1 fire barrier systems for future NRC audits or inspections.

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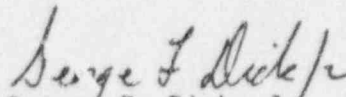
DFD 1/0

I. Johnson

- 2 -

If you have any questions regarding this matter, please contact me at (301) 415-3019.

Sincerely,



George F. Dick, Jr., Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

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

cc: See next page

I. Johnson

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Sincerely,

ORIGINAL SIGNED BY:

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I. Johnson

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I. Johnson
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Byron Station
Unit Nos. 1 and 2

cc:

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