



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 2, 1999

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: RESPONSE TO GENERIC LETTER 95-07 - BRAIDWOOD STATION, UNITS 1 AND 2; AND BYRON STATION, UNITS 1 AND 2 (TAC NOS. M93434, M93435, M93441 AND M93442)

Dear Mr. Kingsley:

On August 17, 1995, the NRC issued Generic Letter (GL) 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves." The GL requested, in part, that licensees take actions to ensure that safety-related power-operated gate valves that are susceptible to pressure locking or thermal binding are capable of performing their safety functions. Licensee responses transmitting the results of evaluations and analyses regarding the susceptibility of power-operated gate-valves to pressure locking and thermal binding were required within 180 days of the issuance of the GL.

In a letter dated February 13, 1996, Commonwealth Edison Company (ComEd, the licensee) submitted its 180-day response to GL 95-07 for Braidwood Station, Units 1 and 2, and Byron Station, Units 1 and 2. During the NRC's review of ComEd's program, the staff requested additional information in letters of April 2, 1996, June 5, 1996, and May 14, 1997. ComEd responded by letters of May 24, 1996, July 5, 1996, December 12 and 30, 1996, May 29, 1998, and July 29, 1999. On April 9, 1997, a public meeting was held to discuss pressure locking thrust prediction methodologies. The meeting summary was published on April 25, 1997.

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PDR ADOCK

Mr. Oliver D. Kingsley

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Upon final review of the information provided by ComEd, the staff finds that the actions requested in GL 95-07 have been adequately addressed. The staff's Safety Evaluation which documents its evaluation and conclusions is enclosed.

Sincerely,

Original Signed By

George F. Dick, Jr., Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456, STN 50-457,
STN 50-454, STN 50-455

Enclosure: Safety Evaluation

cc w/encl: See next page

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