

June 6, 1997

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING EMERGENCY CORE COOLING
SYSTEM VENTING - BRAIDWOOD STATION, UNIT 2 AND BYRON STATION, UNIT 2
(TAC NOS. M98780 AND M98782)

Dear Ms. Johnson:

On May 24, 1997, Commonwealth Edison Company (ComEd) submitted a request for an exigent license amendment regarding the emergency core cooling system venting for Braidwood, Unit 2 and Byron, Unit 2. During the course of our review, we have identified the need for further information as documented in the enclosed request for additional information (RAI). The questions were discussed, in part, with the ComEd staff during our telephone conference call on June 5, 1997. Please provide your response to the request so that we may continue our review of your submittal.

Sincerely,

Original signed by
Ramin R. Assa for:

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

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

Enclosure: RAI

cc w/encl: see next page

DF01/1

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I. Johnson
Commonwealth Edison Company

cc:

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REQUEST FOR ADDITIONAL INFORMATION

EMERGENCY CORE COOLING SYSTEM VENTING

COMMONWEALTH EDISON COMPANY

BRAIDWOOD STATION, UNIT 2; BYRON STATION, UNIT 2

DOCKET NOS. STN 50-457 AND STN 50-455

1. ComEd is requested to identify any relative high points in the normal and emergency piping for the centrifugal charging (CV) discharge piping that it does not intend to vent or test with ultrasonic testing to support the technical specification request, and describe why testing or venting is not necessary. Please include the possible effects of a water hammer event and the consequences if there is piping damage. In preparing the answer, please include a discussion of how the issues contained in Information Notice 92-61, "Loss of High Head Safety Injection," affect any conclusions.
2. The proposed technical specification bases state that system pressure is sufficient to provide confidence that water hammer is not a concern. This is not consistent with the surveillance requirement which includes surveillances on pressurized piping. Please provide additional justification why voids in pressurized piping do not cause water hammer, or revise the statement accordingly.

ENCLOSURE