

July 18, 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 THE REVISED STEAM
GENERATOR TUBE RUPTURE ANALYSIS - BYRON AND BRAIDWOOD STATIONS
(TAC NOS. M97315, M97316, M97317, AND M97318)

Dear Ms. Johnson:

On November 13, 1996, Commonwealth Edison Company (ComEd) submitted its revised steam generator tube rupture analysis for Byron Station, Units 1 and 2, and Braidwood Station, Units 1 and 2. The NRC issued requests for additional information (RAI) on February 11 and May 20, 1997. ComEd provided responses to the RAIs on March 20 and June 24, 1997. During the course of the review, the staff has identified the need for further information as discussed during a telephone conversation on July 9, 1997, and documented in the enclosed RAI. Please provide your response to the request so that we may continue our review of your submittals.

Sincerely,

ORIGINAL SIGNED BY C. SHIRAKI 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 50-454, STN 50-455,
STN 50-456, STN 50-457

Enclosure: RAI

cc w/encl: See next page

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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, STN 50-455,
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DATE	07/17/97		07/16/97		07/18/97	

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555-0001

July 18, 1997

Ms. Irene M. Johnson, Acting Manager
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Commonwealth Edison Company
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GENERATOR TUBE RUPTURE ANALYSIS - BYRON AND BRAIDWOOD STATIONS
(TAC NOS. M97315, M97316, M97317, AND M97318)

Dear Ms. Johnson:

On November 15, 1996, Commonwealth Edison Company (ComEd) submitted its revised steam generator tube rupture analysis for Byron Station, Units 1 and 2, and Braidwood Station, Units 1 and 2. The NRC issued requests for additional information (RAI) on February 11 and May 20, 1997. ComEd provided responses to the RAIs on March 20 and June 24, 1997. During the course of the review, the staff has identified the need for further information as discussed during a telephone conversation on July 9, 1997, and documented in the enclosed RAI. Please provide your response to the request so that we may continue our review of your submittals.

Sincerely,

A handwritten signature in cursive script, appearing to read "George F. Dick, Jr.", followed by the word "for" in a smaller, simpler font.

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, STN 50-455,
STN 50-456, STN 50-457

Enclosure: RAI

cc w/enc1: See next page

I. Johnson
Commonwealth Edison Company

Byron/Braidwood Power Stations

cc:

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U.S. Nuclear Regulatory Commission
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Commonwealth Edison Company
Byron Station Manager
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REQUEST FOR ADDITIONAL INFORMATION

REVISED STEAM GENERATOR TUBE RUPTURE ANALYSIS

COMMONWEALTH EDISON COMPANY

BYRON STATION, UNITS 1 AND 2; BRAIDWOOD STATION, UNITS 1 AND 2

DOCKET NOS. STN 50-454, STN 50-455, STN 50-456, AND STN 50-457

1. The response to question B.3 in the licensee's March 20, 1997, submittal provided the sensitivity of operator response times that exceeded the analysis response times. Please complete a similar analysis for Crew No. 1. The analysis should include: (a) a case for the overall response time and other cases where Crew No. 1 exceeded the analysis response times; and (b) a composite analysis of cases that exceeded the analysis response times.
2. The response to question B.4 in the licensee's March 20, 1997, submittal provided a table (Table B.4) of observed operator times for various steps of the steam generator response effort. Please provide the margin to overfill for each cell in the table.