



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

December 6, 1995

Mr. D. L. Farrar
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 RESPONSE TIME TESTING -
BYRON AND BRAIDWOOD STATIONS (TAC NOS. M90529, M90530, M90531 AND
M90532)

Dear Mr. Farrar:

On September 16, 1994, Commonwealth Edison Company submitted a request for license amendments to remove the requirement to conduct response time testing of the reactor trip system and the engineered safety features from the technical specifications. During the course of our review, we have identified the need for additional information. Please provide the information requested in the enclosed Request for Additional Information by January 15, 1996. This request and the proposed response schedule have been discussed with your staff.

This request affects nine or fewer respondents and, therefore, is not subject to Office and Management Review under P.L. 96-511.

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

Enclosure: As stated

cc w/encl: See next page

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D. L. Farrar
Commonwealth Edison Company

cc:

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REQUEST FOR ADDITIONAL INFORMATION
REGARDING REQUIREMENTS FOR RESPONSE TIME TESTING

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. In August 1995, Westinghouse Electric Corporation issued WCAP-13632, Revision 2, "Elimination of Pressure Sensor Response Time Testing Requirements," which superseded WCAP-13632, Revision 1 referenced in your submittal. Subsequently, by Safety Evaluation Report (SER) dated September 5, 1995, the staff approved WCAP-13632, Revision 2, as a basis for eliminating response time testing (RTT) requirements for selected pressure and differential pressure sensors. In order to maintain your submittal concurrent please revise your September 16, 1994 submittal to reference WCAP-13632, Revision 2.
2. The staff's SER approving WCAP-13632, Revision 2, stated that licensees must take the following actions when eliminating pressure and differential pressure sensor RTT requirements:
 - (a) Perform a hydraulic RTT prior to installation of a new transmitter/switch or following refurbishment of the transmitter/switch (e.g., sensor cell or variable damping components) to determine an initial sensor-specific response time value.
 - (b) For transmitters and switches that use capillary tubes, perform a RTT after initial installation and after any maintenance or modification activity that could damage the capillary tubes.
 - (c) If variable damping is used, implement a method to assure that the potentiometer is at the required setting and cannot be inadvertently changed or perform hydraulic RTT of the sensor following each calibration.

Please address each of these actions and state how these actions will be implemented.

ENCLOSURE

December 6, 1995

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Original signed by:

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 and STN 50-457
Enclosure: As stated

cc w/encl: See next page

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*See previous concurrence

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