

SEP 5 1973

Docket Nos. 50-249, 50-254,
and 50-265

Commonwealth Edison Company
ATTN: Mr. Byron Lee, Jr.
President
Post Office Box 767
Chicago, Illinois 60690

Gentlemen:

You were informed by the Regional Director of Regulatory Operations on July 26, 1973, of the possibility that your control rods fabricated by the General Electric Company may have inverted poison tubes. You have completed requested shutdown reactivity margin measurements to assure an adequate shutdown margin existed at the time of the measurements. We are continuing our review of this occurrence and have concluded that insufficient data exists to conclude that further poison redistribution cannot occur. Therefore, you are requested to submit the following information for our review: (1) analyses of possible length and location of poison voids which could be caused by boron carbide redistribution, (2) the effect of such redistribution on normal operation, transients, and accidents, (3) proposed changes to technical specifications which will assure that all safety margins stated or implied in your PSAR are maintained, (4) surveillance requirements to maintain adequate shutdown reactivity margins and monitor changes in poison distribution, (5) your plans and schedules for changeout of control rods, and (6) expected curve of reactivity vs burnup for remainder of current operating cycle.

Copies of the "Reactor Control Blade Evaluation" special report and supplement submitted by The Millstone Point Company along with our reply and safety evaluation are enclosed to serve as guidance in the preparation of your submittal. It is requested that any proposed

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changes within your technical specifications to account for poison redistribution in inverted poison tubes be implemented upon submittal pending completion of our review of your proposed changes. Your response is requested within 30 days as three signed and thirty-seven additional copies.

Sincerely,

Original Signed by
D. J. Skovholt

Donald J. Skovholt
Assistant Director for
Operating Reactors
Directorate of Licensing

Enclosures:

1. Millstone ltrs dtd 7/23 & 7/26/73 transmitting Reactor Control Blade Evaluation and Supplement
2. AEC ltr to Millstone dtd 7/27/73 and Safety Evaluation

cc w/enclosures:

Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company

John W. Rowe, Esquire
Isham, Lincoln & Beale
Counselors at Law

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DATE ▶	8/29/73	8/20/73	8/30/73	8/30/73	8/31/73	8/14/73