



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

February 9, 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Byron Station Units 1 and 2
Braidwood Station Units 1 and 2
Steam Generator Tube Vibration
NRC Docket Nos. 50-454, 50-455,
50-456, and 50-457

- References (a): January 20, 1982 letter from
D. G. Eisenhut to L. O. DelGeorge.
- (b): March 15, 1982 letter from T. R. Tramm
to H. R. Denton.
- (c): Summary of February 19, 1982 NRC meeting
with Westinghouse regarding Model D
steam generators.
- (d): July 27, 1982 letter from B. J. Youngblood
to L. O. DelGeorge.
- (e): October 28, 1982 summary of October 22, 1982
NRC meeting with Westinghouse regarding
Model D steam generators.

Dear Mr. Denton:

This letter will document our intentions with regard to modification of the Byron/Braidwood steam generators to minimize tube degradation associated with flow induced vibration. This supplements Commonwealth Edison's response to the NRC's request for information in reference (a).

We presently intend to modify to the extent necessary the Byron/Braidwood steam generators prior to loading fuel at each unit. If a satisfactory modification cannot be engineered, tested, reviewed, approved and installed prior to fuel load on any of these units, we will do the modification work at the first opportunity and restrict power during the interim operation period.

Westinghouse's testing program has demonstrated that steam generators of this type can be operated indefinitely at 70% power. This information has been reviewed with the NRC in meetings documented in references (c), (d), and (e). Commonwealth Edison will use this

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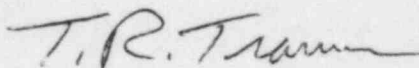
February 9, 1983

information as the basis for establishing a specific power restriction during interim operation of the Byron/Braidwood units. We do not intend to operate any unmodified steam generators at power levels exceeding those judged acceptable at Westinghouse.

It is requested that the NRC approve this interim power restriction option so that plant startup may proceed in the event that steam generator modifications cannot be completed prior to fuel load.

We would be happy to discuss this matter further at your convenience. Please contact this office.

Very truly yours,



T. R. Tramm
Nuclear Licensing Administrator

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