



Commonwealth Edison

1400 Opus Place
Downers Grove, Illinois 60515

February 10, 1995

Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C 20555

Attention: Document Control Desk

Subject: Probability of Multiple Steam Generator Tube
Rupture Methodology
Braidwood Station Unit 1
NRC Docket No. 50-456

- References:
- 1) Teleconference dated February 9, 1995, between Commonwealth Edison Company and the Nuclear Regulatory Commission regarding the Multiple Tube Rupture Probability
 - 2) T. K. Schwartz letter to J.B. Martin dated January 30, 1995, transmitting Byron Stations's 90 Day Inspection Report for B1R06
 - 3) R. Assa letter to D. Farrar transmitting Safety Evaluation Report on Interim Plugging Criteria dated August 18, 1995

Reference letter 3 transmitted the Nuclear Regulatory Commission's (NRC) Safety Evaluation related to Braidwood Station Unit 1 Technical Specification amendment 54. This amendment removed the 100 day operating limit imposed on Unit 1 in Technical Specification Section 3.4.8.a. by amendment 50. Section 3.6 of the Safety Evaluation addressed the risk based evaluation and states, "Accordingly, the staff believes that the licensee should develop the methodology for evaluating the probability of multiple steam generator tube ruptures to be prepared for the mid-cycle inspection." As a result of this requirement, Braidwood has been pursuing resolution of this issue with the Staff.

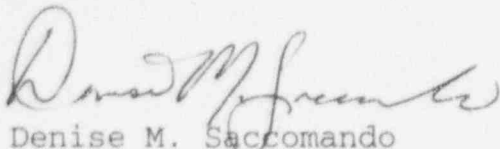
To evaluate the probability of multiple steam generator tube ruptures for the mid-cycle inspection, Braidwood Station intends to use the methodology described in WCAP-14277, "SLB Leak Rate and Tube Burst Probability Analysis Methods for ODSCC at TSP Intersections," January 1995. This document was transmitted to the NRC via Reference 2. During the Reference teleconference, the methodology contained in this WCAP was discussed and it is our understanding that the Staff agrees that use of this methodology during the upcoming mid cycle inspection is acceptable.

ADD 1/0

February 10, 1995

Please address any question regarding this correspondence to this office.

Sincerely,



Denise M. Saccomando
Nuclear Licensing Administrator

cc: D. Lynch, Senior Project Manager-NRR
R. Assa, Braidwood Project Manager-NRR
S. DuPont, Senior Resident Inspector-Braidwood
J. Martin, Regional Administrator-RIII
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