



October 12, 1995

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

Attn: Document Control Desk

Subject: RELAP5/MOD 3 Hydrodynamic Load Model Pertaining to Commonwealth Edison's
Request to Increase in the Interim Plugging Criteria for
Byron Unit 1 and Braidwood Unit 1 Steam Generators
NRC Docket Numbers:50-454 and 50-456

- References:
- 1 October 5, 1995, Meeting between the Commonwealth Edison Company and the Nuclear Regulatory Commission Regarding Hydrodynamic Load Model for the Application of 3 Volt Interim Plugging Criteria
 2. D. Saccomando letter to the Nuclear Regulatory Commission dated October 3, 1995, transmitting Additional Information Regarding the Increase in the Interim Plugging Criteria for Byron Unit 1 and Braidwood Unit 1

In the reference letter the Commonwealth Edison Company (ComEd) discussed the use of the RELAP5/MOD3 as the hydrodynamic load model used to calculate the amount of tube support plate movement during a main steam line break event. The contents of this letter was further discussed during the reference meeting, at which ComEd committed to providing the Staff with additional information on the code. Attached is "Calculation of Byron1/Braidwood 1 D4 Steam Generator Tube Support Plate Loads with RELAP5M3," which addresses the additional information discussed during the meeting.

If you have any questions concerning this correspondence, please contact this office.

Sincerely,

Denise M. Saccomando
Senior Nuclear Licensing Administrator

Attachment

cc: R. Assa, Braidwood Project Manager-NRR
G. Dick, Byron Project Manager-NRR
S. Ray, Senior Resident Inspector-Braidwood
H. Peterson, Senior Resident Inspector-Byron
H. Miller, Regional Administrator-RIII
Office of Nuclear Safety-IDNS

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