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July 23, 1992

Dr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

ATTN: Document Control Desk

Subject: Byron Nuclear Power Station Units 1 and 2
Braidwood Nuclear Power Station Units 1 and 2
Reporting of ECCS Evaluation Model Changes
NRC Docket Nos. 50-454, 50-455, 50-456 and 50-457

- References:
1. Letter from D. L. Taylor (CECo) to T. E. Murley (NRC) dated July 25, 1991.
 2. Letter dated April 20, 1992, S. F. Stimac to T. E. Murley

Dr. Murley:

This letter fulfills the annual reporting requirement of 10CFR50.46(a)(3)(ii) for Units 1 and 2 of Byron and Braidwood Nuclear Power stations. Reference 1 transmitted to the NRC the results of the ECCS evaluation models for Byron and Braidwood (and Zion) current through July 25, 1991. The vendor has not made any changes to the Byron and Braidwood ECCS Evaluations in the past year. A summary of the 10CFR50.46 Margin Utilizations for each of the subject units is being re-transmitted to you for your records. These are the same results that were transmitted to you in Reference 1.

The results of the Zion Nuclear Power Station Units 1 and 2 (NRC Docket Nos. 50-295 and 50-304) were transmitted by Reference 2. That letter fulfills the annual reporting requirement of 10CFR50.46(a)(3)(ii) for Units 1 and 2 of Zion.

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Because compliance with 10CFR50.46 is maintained with existing PCT penalties, no near term reanalysis is planned for these Units.

Please direct any questions to this office.

Respectively,



Marcia A. Jackson
Generic Issues Administrator

DRR:kab
ZKAB:27:2

Attachment

cc: A. B. Davis - Regional Administrator, Region III
R. J. Barrett - PDIII-2 Director, NRR
R. M. Pulsifer - Braidwood Project Manager, NRR
A. H. Hsia - Byron Project Manager, NRR
M. A. Caruso - Reactor Systems Section Chief, NRR
Senior Resident Inspector - Byron
Senior Resident Inspector - Braidwood