



Westinghouse
Electric Corporation

Water Reactor
Divisions

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Pittsburgh Pennsylvania 15230

February 26, 1985

Dr. Cecil O. Thomas, Chief
Special Projects Branch
Division of Project Management
U.S. Nuclear Regulatory Commission
Phillips Building
7920 Norfolk Avenue
Bethesda, MD 20814

SUBJECT: Review of Addendum 1 to BART Computer Code WCAP

- REFERENCES:
- 1) Duke Power Company Letter, H. B. Tucker to H. R. Denton, dated November 16, 1984, Docket no. 50-370.
 - 2) Westinghouse Electric Corporation Letter, E. P. Rahe, Jr. to Dr. C. O. Thomas, dated December 12, 1984, NS-NRC-84-2978.

Dear Dr. Thomas:

Recently, Duke Power Company submitted in Reference 1 a Reload Safety Evaluation of McGuire Nuclear Station, Unit 2 Cycle 2. This evaluation includes results obtained using the BART computer code. Previously, the NRC had approved BART for use on plants without upper head injection (UHI) systems. The application of the BART computer code to pressurized water reactors using Westinghouse fuel and equipped with UHI systems is described in the Westinghouse topical report, "Addendum to BART A1: A Computer Code for the Best Estimate Analysis of Reflood Transients," WCAP-9561 Addendum 1, (Non-Proprietary). This technical report was submitted for NRC review and approval in Reference 2. The attachment provides supplementary information to support this application of BART. A timely completion of this review is needed to support an anticipated start-up of McGuire Nuclear Station, Unit 2 Cycle 2 in late March, 1985.

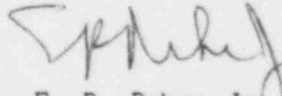
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If you have any questions on the topical report, please contact either Dr. F. F. Cadek (412) 374-4720 or Mr. M. Y. Young (412) 374-5081.

Very truly yours,



E. P. Rahe, Jr. Manager
Nuclear Safety Department

WRS/mhs

cc: S. K. Sun, T/H Section, Core Performance Branch
L. E. Phillips, Section Leader, T/H Section, Core Performance Branch
E. G. Adensam, Chief Licensing Branch No. 4
C. H. Berlinger, Chief Core Performance Branch