



NRC-00-042

Wisconsin Public Service Corporation
(a subsidiary of WPS Resources Corporation)
Kewaunee Nuclear Power Plant
North 490, Highway 42
Kewaunee, WI 54216-9511
920-388-2560

June 8, 2000

10CFR 50.46(a)(3)(ii)

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Emergency Core Cooling System (ECCS) Evaluation Model

On May 9, 2000, Westinghouse Electric Corporation provided Wisconsin Public Service Corporation (WPSC) with the 10 CFR 50.46 reporting of changes to the Emergency Core Cooling Evaluation Model for calendar year 1999. WPSC has reviewed the changes and determined that the estimated cumulative impact of the changes to the Large Break Loss-of-Coolant (LBLOCA) Evaluation Model (EM) peak cladding temperature (PCT) is greater than 50°F, and therefore, is reportable within 30 days pursuant to 10 CFR 50.46(a)(3)(ii). The current analysis of record has a PCT of 1872°F. The changes result in a revised Appendix peak clad temperature of 2001°F, thus continuing to meet the 50.46 acceptance criterion of less than 2200°F.

The Westinghouse notification identified one error that impacted the LBLOCA EM. An incorrect pipe schedule was assumed for the accumulator and the pressurizer surge lines.

If you require any additional information or have questions concerning this transmittal, please contact a member of my staff.

Sincerely,

Mark L. Marchi
Vice President-Nuclear

TJW

cc - US NRC, Region III
US NRC Senior Resident Inspector

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