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AEP
INDIANA
MICHIGAN
POWER

September 21, 2000

C0900-13
10 CFR 50.61
10 CFR 50, Appendix G

Docket No.: 50-315

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, D.C. 20555-0001

Donald C. Cook Nuclear Plant Unit 1
REVISED SCHEDULE FOR COMMITMENT MADE IN RESPONSE TO GENERIC LETTER 92-01, SUPPLEMENT 1, REACTOR VESSEL STRUCTURAL INTEGRITY

Reference: 1) Letter from M. W. Rencheck, Indiana Michigan Power Company, to U. S. Nuclear Regulatory Commission, "Request For Additional Information (RAI) Regarding Reactor Pressure Vessel Integrity At Donald C. Cook Nuclear Plant, Unit 1, TAC MA0539," dated June 28, 1999.

The purpose of this letter is to notify the U. S. Nuclear Regulatory Commission (NRC) of a change to the committed date by which Indiana Michigan Power Company (I&M) will submit new heatup and cooldown curves and new low temperature overpressure (LTOP) setpoints for Donald C. Cook Nuclear Plant (CNP) Unit 1.

The heatup and cooldown curves and LTOP setpoints currently specified in Technical Specification 3/4.4.9 are based on the reactor vessel intermediate shell plate B4406-3 (heat number C3506) as the limiting material, with a 1/4t adjusted reference temperature (ART) of 171 degrees Fahrenheit (°F). The 1/4t ART of 171°F will be reached at 32 effective full power years (EFPY). In Reference 1, I&M identified weld heat 1P3571 as the new limiting reactor vessel beltline material.

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The analyses of this material determined that it would reach a 1/4t ART of 171°F at 19.32 EFPY. I&M committed, in Reference 1, to submit new CNP Unit 1 heatup and cooldown operating limit curves and LTOP setpoints by December 22, 2000. The current Unit 1 reactor vessel exposure is approximately 15.4 EFPY. Therefore, the existing heatup and cooldown curves and LTOP setpoints will remain valid for approximately 3.92 EFPY after entering Mode 2 from the current outage. The unit is currently scheduled to enter Mode 2 in December 2000.

Based on I&M's projected power generation schedule and the scheduled Mode 2 date for Unit 1, the existing curves will remain valid until mid-June 2005. Consistent with the requirements of 10 CFR 50.61, "Fracture toughness requirements for protection against pressurized thermal shock events," Section (b)(4) and 10 CFR 50, Appendix G, "Fracture Toughness Requirements," Section IV.A.1.C, I&M will submit revised Unit 1 heatup and cooldown curves and new LTOP setpoints three years before the 1/4t ART of 171°F is reached. The revised curves and new setpoints will, therefore, be submitted no later than June 1, 2002.

This letter is for NRC information only. No staff action is requested. Attachment 1 summarizes the commitment change made in this letter.

Should you have any questions, please contact Mr. Randall M. Crane, acting Manager of Regulatory Licensing, at (616) 697-5020.

Sincerely,

W. J. Kropp
Director of Regulatory Affairs

/jen

Attachment

c: J. E. Dyer
MDEQ – DW & RPD, w/o attachment
NRC Resident Inspector
R. Whale, w/o attachment

ATTACHMENT 1 TO C0900-13

COMMITMENTS

The following table identifies those actions committed to by Indiana Michigan Power Company (I&M) in this submittal. Other actions discussed in the submittal represent intended or planned actions by I&M. They are described to the U. S. Nuclear Regulatory Commission (NRC) for the NRC's information and are not regulatory commitments.

Commitment Date Extension	Revised Date
Revised heatup and cooldown operating curves and new low temperature overpressure setpoints will be submitted for Unit 1 by June 1, 2002.	June 1, 2002