



May 3, 2002

AEP:NRC:2349
10 CFR 50.54(f)
10 CFR 50.9

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 COMMITMENT DATE REGARDING
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 (NRC), "Request For Additional Information (RAI) Regarding Reactor Pressure Vessel Integrity at Donald C. Cook Nuclear Plant, Unit 1, TAC MA0539," C0699-01, dated June 28, 1999.
 - 2) Letter from W. J. Kropp, Indiana Michigan Power Company, to NRC, "Revised Schedule for Commitment Made in Response to Generic Letter 92-01, Supplement 1, Reactor Vessel Structural Integrity," C0900-13, dated September 21, 2000.

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

In Reference 1, I&M identified a new limiting reactor vessel beltline material for CNP Unit 1, and committed to submit new heatup and cooldown curves and new LTOP setpoints by December 22, 2000. In Reference 2, I&M notified the NRC that the current curves and setpoints would remain valid until June 2005. I&M committed to submit new heatup and cooldown curves and new LTOP setpoints by June 1, 2002.

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In Reference 2, I&M stated that the 1/4 thickness adjusted reference temperature (1/4t ART) for the new limiting reactor vessel beltline material would be reached at approximately 3.92 effective full power years (EFPY) following restart from the Unit 1 extended shutdown. That shutdown ended in December 2000. The unit has accumulated approximately 1.13 additional EFPY between restart and April 1, 2002. Therefore, the existing heatup and cooldown curves and LTOP setpoints will remain valid for approximately 2.79 EFPY after March 31, 2002.

Based on the expected power generation capacity factor, the existing heatup and cooldown curves and existing LTOP setpoints will remain valid until at least the end of April 2005. To provide the NRC one year for review and approval, I&M will submit revised heatup and cooldown curves and new LTOP setpoints for CNP Unit 1 no later than April 30, 2004.

In Reference 2, I&M stated that its commitment to submit revised curves and new LTOP setpoints by June 1, 2002, was consistent with the requirement in 10 CFR 50.61(b)(4) to submit a safety analysis three years before exceeding pressurized thermal shock criteria, and the requirement in 10 CFR 50, Appendix G, Section IV.A.1.C, to submit an analysis three years prior to the date when the predicted Charpy upper-shelf energy will no longer satisfy the stated criteria. The pressurized thermal shock criteria and the Charpy upper-shelf energy criteria will not be exceeded. Therefore, the requirements in 10 CFR 50.61(b)(4) and in 10 CFR 50, Appendix G, Section IV.A.1.C, to submit analyses three years before the respective criteria will no longer be satisfied, are not applicable to CNP Unit 1.

The attachment summarizes the commitment change made in this letter.

Should you have any questions, please contact Mr. Gordon P. Arent, Manager of Regulatory Affairs, at (616) 697-5553.

Sincerely,



J. E. Pollock
Site Vice President

/bjb

Attachment

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

AFFIRMATION

I, Joseph E. Pollock, being duly sworn, state that I am Site Vice President of Indiana Michigan Power Company (I&M), that I am authorized to sign and file this request with the Nuclear Regulatory Commission on behalf of I&M, and that the statements made and the matters set forth herein pertaining to I&M are true and correct to the best of my knowledge, information, and belief.

Indiana Michigan Power Company



J. E. Pollock
Site Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 3 DAY OF MAY, 2002


Notary Public

My Commission Expires 5/21/05

ATTACHMENT TO AEP:NRC:2349

COMMITMENTS

The following table identifies those actions committed to by Indiana Michigan Power Company (I&M) in this document. Any other actions discussed in this submittal represent intended or planned actions by I&M. They are described to the 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 NRC review.	April 30, 2004