

Indiana Michigan
Power Company
500 Circle Drive
Buchanan, MI 49107 1373



February 27, 2004

AEP:NRC:4304
10 CFR 50.90
10 CFR 50.9

Docket Nos.: 50-315
50-316

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

Donald C. Cook Nuclear Plant, Units 1 and 2
APPLICATION FOR TECHNICAL SPECIFICATION
CHANGE REGARDING MODE CHANGE LIMITATIONS
ADDITIONAL INFORMATION

- Reference:
1. "Donald C. Cook Nuclear Plant Units 1 and 2, Application for Technical Specification Change Regarding Mode Change Limitations, and Adoption of a Technical Specifications Bases Control Program and Standard Technical Specification Surveillance Requirement 3.0.1 and Associated Bases, Using The Consolidated Line Item Improvement Process," letter AEP:NRC:3304, dated August 27, 2003.
 2. "Donald C. Cook Nuclear Plant, Units 1 and 2, Application For Technical Specification Change Regarding Mode Change Limitations Additional Information," letter AEP:NRC:3304-01, dated December 15, 2003.

In Reference 1, Indiana Michigan Power Company (I&M) requested a license amendment utilizing the Consolidated Line Item Improvement Process. The license amendment adopted the industry Technical Specification Task Force standard technical specification change TSTF-359, Revision 9.

In a telephone conversation with Nuclear Regulatory Commission (NRC) personnel on November 24, 2003, the NRC requested additional information. Reference 2 provided that information.

I&M has determined that two of the statements in Reference 2 should be clarified. The following paragraphs provide more accurate descriptions.

A001

Reference 2 stated that plant procedures prohibit entering Mode 4 with low temperature protection (LTOP) inoperable. A more accurate description is provided below:

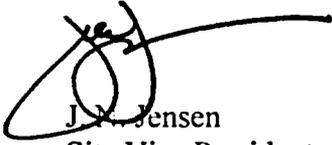
The Donald C. Cook Nuclear Plant's (CNP's) shutdown safety and risk management procedure provides LTOP requirements for Mode 4 operation, and the reactor heatup and cooldown procedures contain Mode 4 LTOP requirements and contingency actions. A change from Mode 5 to Mode 4 with LTOP inoperable is not prohibited by these procedures. However, the reactor heatup and cooldown procedures provide actions if the specified Mode 4 LTOP requirements are not met. These actions may include raising the reactor coolant system temperature to a value where LTOP is not required.

Reference 2 stated that plant procedures prohibit entering Mode 4 without an operable motor driven auxiliary feedwater pump. A more accurate description is provided below:

CNP's shutdown risk procedure states that "in Mode 4, at least one Auxiliary Feedwater Pump capable of feeding Steam Generators for secondary cooling must be available" rather than operable.

This letter contains no new commitments. Should you have any questions, please contact Mr. John A. Zwolinski, Director of Design Engineering and Regulatory Affairs at (269) 697-5007.

Sincerely,



J. W. Jensen
Site Vice President

c: J. L. Caldwell, NRC Region III
K. D. Curry, Ft. Wayne AEP
J. T. King, MPSC
MDEQ – WHMD/HWRPS
NRC Resident Inspector
J. F. Stang, Jr., NRC Washington, DC

AFFIRMATION

I, Joseph N. Jensen, 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



Joseph N. Jensen
Site Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 27th DAY OF February, 2004

Julie E. Newmiller
Notary Public

My Commission Expires 8-27-2004

JULIE E. NEWMILLER
Notary Public, Berrien County, MI
My Commission Expires Aug 22, 2004

