



A unit of American Electric Power

Indiana Michigan Power  
Cook Nuclear Plant  
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August 14, 2018

AEP-NRC-2018-60  
10 CFR 50.90

Docket Nos.: 50-315  
50-316

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Donald C. Cook Nuclear Plant Unit 1 and Unit 2  
Supplement to License Amendment Request Regarding Revision to the  
Emergency Plan for Technical Support Center Relocation

Reference:

1. Letter from Q. S. Lies, Indiana Michigan Power Company, to U. S. Nuclear Regulatory Commission, "Donald C. Cook Nuclear Plant Unit 1 and Unit 2, License Amendment Request Regarding Revision to the Emergency Plan For Technical Support Center Relocation," dated November 7, 2017, Agencywide Documents Access and Management System Accession No. ML17317A454.

By Reference 1, Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) Unit 1 and Unit 2, submitted a request for Nuclear Regulatory Commission (NRC) review and approval of a revision to the CNP Emergency Plan for Unit 1 and Unit 2. The proposed revision would move the Technical Support Center (TSC) to a different location in a new facility.

By Enclosure 2 to Reference 1, I&M previously provided a comparison overview of the current TSC elements and the proposed new TSC elements, including a building floor plan drawing of the proposed new TSC and a typical layout arrangement of resources.

Based on internal feedback received after Reference 1 was submitted, some changes were made to the arrangement of resources in the proposed new TSC to facilitate better communication, minimize distractions, and allow for better use of available space.

As a result of discussion between I&M and the NRC, it was determined that a supplement to Reference 1 should be submitted to provide a revised layout figure which reflects the changes made to the arrangement of resources in the proposed new TSC.

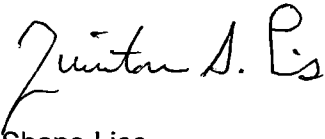
Enclosure 1 to this letter provides an affirmation statement pertaining to the information contained herein.

AX 45  
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In Enclosure 2 to this letter, I&M is providing a description of the changes to the arrangement of resources in the proposed new TSC, including a revised layout drawing.

There are no new regulatory commitments made in this letter. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Director, at (269) 466-2649.

Sincerely,



Q. Shane Lies  
Site Vice President

BMC/ml

Enclosures:

1. Affirmation
2. Description of Changes to Arrangement of Proposed New Technical Support Center

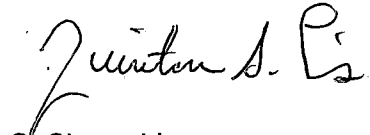
c: R. J. Ancona – MPSC  
A. W. Dietrich, NRC, Washington D.C.  
MDEQ – RMD/RPS  
NRC Resident Inspector  
S. K. West – NRC Region III  
A. J. Williamson – Ft. Wayne AEP, w/o enclosure

Enclosure 1 to AEP-NRC-2018-60

AFFIRMATION

I, Q. Shane Lies, being duly sworn, state that I am the Site Vice President of Indiana Michigan Power Company (I&M), that I am authorized to sign and file this request with the U. S. 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.

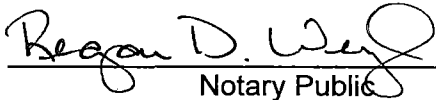
Indiana Michigan Power Company



Q. Shane Lies  
Site Vice President

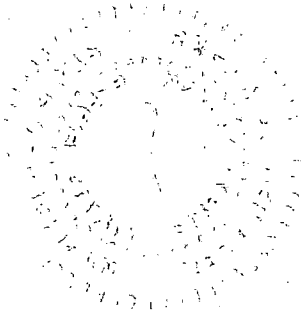
SWORN TO AND SUBSCRIBED BEFORE ME

THIS 14 DAY OF August 2018



Notary Public

My Commission Expires 01/21/2025



## **Enclosure 2 to AEP-NRC-2018-60**

### **Description of Changes to Arrangement of Proposed New Technical Support Center**

#### **Reference:**

1. Letter from Q. S. Lies, Indiana Michigan Power Company, to U. S. Nuclear Regulatory Commission, "Donald C. Cook Nuclear Plant Unit 1 and Unit 2, License Amendment Request Regarding Revision to the Emergency Plan For Technical Support Center Relocation," dated November 7, 2017, Agencywide Documents Access and Management System Accession No. ML17317A454.

#### **1.0 INTRODUCTION**

Pursuant to 10 CFR 50.90, "Application for Amendment of License, Construction Permit, or Early Site Permit," by Reference 1, Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) Unit 1 and Unit 2, submitted a license amendment request to revise the CNP Emergency Plan to relocate the Technical Support Center (TSC) within the CNP Protected Area. The new facility design and layout provides a larger facility with updated audio/visual equipment to establish and maintain command and control of on-site evaluations and mitigation strategy development.

By Enclosure 2 to Reference 1, I&M previously provided a comparison overview of the current TSC elements and the new TSC elements, including a building floor plan drawing of the proposed new TSC and a typical layout arrangement of resources.

Based on internal feedback received after Reference 1 was submitted, some changes were made to the arrangement of resources in the proposed new TSC to facilitate better communication, minimize distractions, and allow for better use of available space. A description of the changes is found in Section 2 below, and Figure 1, located at the end of this enclosure, which depicts the updated layout. The changes to the arrangement of resources within the TSC do not have any impact on the conclusions reached in the original amendment request.

#### **2.0 DESCRIPTION OF LAYOUT CHANGES**

Work stations in the Plant Evaluation Team (PET) Room were rearranged from a horseshoe configuration to two rows of desks facing the front. The updated configuration allows more of the TSC Emergency Response Organization (ERO) members to face the front of the room, where the Site Emergency Director (SED) and TSC Manager sit, reducing distractions and improving overall communication.

The conference room at the front of the PET Room, previously the Nuclear Regulatory Commission (NRC) Conference Room, was reassigned as the SED Conference Room, and the conference room at the back of the PET Room was designated as the NRC Conference Room. This arrangement is more logical because the new SED Conference Room is very close to the SED desk, improving communication between the SED and ERO members within the conference room, and the new location of the NRC Conference Room allows the NRC staff to enter and exit with minimal distraction to the TSC ERO members.

The current TSC has a dedicated NRC area that is 165 square feet (sq ft) in size. Enclosure 2 of Reference 1 states that the NRC Conference Room in the proposed new TSC is approximately 441 sq ft and has a table with seating for 12. In the revised configuration, the floor space of the NRC Conference Room in the proposed new TSC is approximately 275 sq ft, and the conference table has seating for eight NRC responding staff.

**Figure 1 Updated TSC Floor Plan**

