



**INDIANA  
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A unit of American Electric Power

Indiana Michigan Power  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
IndianaMichiganPower.com

September 20, 2021

AEP-NRC-2021-55  
10 CFR 72.212

Docket Nos.: 50-315  
50-316  
72-072

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION  
REGISTRATION OF DRY SPENT FUEL STORAGE CASK

Pursuant to 10 CFR 72.212(b)(2) Indiana Michigan Power Company (I&M), the Licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, is providing the following registration information for the use of dry spent fuel storage casks to store used fuel under I&M's 10 CFR 72.210 General License at the CNP Independent Spent Fuel Storage Installation (ISFSI).

Licensee Name: Indiana Michigan Power Company  
Licensee Address: 1 Cook Place, Bridgman, MI 49106  
Reactor License No.: DPR-58 and DPR-74  
Reactor Docket Nos.: 50-315 and 50-316  
ISFSI Docket No.: 72-072

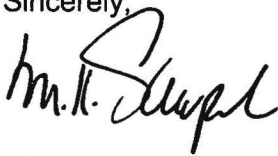
The following casks were placed in service on the dates indicated below:

Identification Nos.: HI-STORM Overpack Serial No. 1241  
Multi-Purpose Canister (MPC) Type 32, Serial No. 585  
Cask Certificate No.: 72-1014, Amendment No. 9, Revision 1  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: August 28, 2021

Identification Nos.: HI-STORM Overpack Serial No. 1242  
Multi-Purpose Canister (MPC) Type 32, Serial No. 586  
Cask Certificate No.: 72-1014, Amendment No. 9, Revision 1  
Cask Model No.: HI-STORM 100S, Version B  
Date in Service: September 4, 2021

This letter contains no new or revised regulatory commitments. Should you have any questions, please contact me at (269) 466-2649.

Sincerely,



Michael K. Scarpello  
Regulatory Affairs Director

KMH/ml

c: R. J. Ancona, MPSC  
EGLE – RMD/RPS  
J. B. Giessner – NRC Region III  
D. E. Hills, Chief, Materials Control, ISFSI, and Decommissioning  
NRC Resident Inspector  
D. L. Pelton, Director, Division of Nuclear Materials Safety  
R. M. Sistevaris – AEP Ft. Wayne  
J. E. Walcutt – AEP Ft. Wayne  
S. P. Wall – NRC Washington, D.C.  
A. J. Williamson – AEP Ft. Wayne