

April 11, 2018

AEP-NRC-2018-23
10 CFR 72.30(b)
10 CFR 50.4

Docket No.: 50-315
50-316
72-072

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

Donald C. Cook Nuclear Plant Units 1 and 2
Response to Request for Additional Information Regarding Independent Spent Fuel Storage
Installation Decommissioning Funding Plan

References:

1. Letter from J. P. Gebbie, Indiana Michigan Power Company (I&M), to U. S. Nuclear Regulatory Commission (NRC), "Independent Spent Fuel Storage Installation (ISFSI) Decommissioning Funding Plan," dated December 17, 2012.
2. Letter from J. P. Gebbie, I&M, to NRC, "Independent Spent Fuel Storage Installation Decommissioning Funding Plan," dated December 14, 2015.
3. Letter from P. Longmire, NRC, to J. P. Gebbie, I&M, "Request for Additional Information Regarding Indiana Michigan Power Company's Decommissioning Funding Plan Update for Donald C. Cook Nuclear Plant Units 1 and 2 Independent Spent Fuel Storage Installation," dated February 28, 2018.

In accordance with the requirements of 10 CFR 72.30(b), Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, is submitting a response to a request for additional information regarding the Independent Spent Fuel Storage Installation (ISFSI) Decommissioning Funding Plan (DFP).

By Reference 1, CNP submitted an ISFSI DFP. By Reference 2, CNP submitted an updated ISFSI DFP. By Reference 3, the NRC requested additional information about the Reference 2 ISFSI DFP. The enclosure to this letter provides I&M's Response to the Request for Additional Information in Reference 3.

ADD 1
NMSS 26
NRR
NMSS

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

Sincerely,



Q. Shane Lies
Site Vice President

DB/mlI

Enclosure: Response to Request for Additional Information Regarding Independent Spent Fuel
Storage Installation Decommissioning Funding Plan

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

Enclosure to AEP-NRC-2018-23

Response to Request for Additional Information Regarding Independent Spent Fuel Storage Installation Decommissioning Funding Plan

By letter dated December 14, 2015, (Agencywide Documents Access and Management System Accession No. ML15351A007) Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, submitted for U. S. Nuclear Regulatory Commission (NRC) staff review and approval, a decommissioning funding plan (DFP) update for the independent spent fuel storage installation (ISFSI) at CNP.

The NRC staff is currently reviewing the submittal, and has determined that additional information is needed in order to complete the review. The request for additional information (RAI) and I&M's response is provided below.

RAI-1

For each ISFSI, provide a revised DFP that includes information on the occurrence, and the effect on decommissioning costs, of each of the events listed in 10 CFR 72.30(c)(1)-(4): (1) spills of radioactive material producing additional residual radioactivity in onsite subsurface material, (2) facility modifications, (3) changes in authorized possession limits, and (4) actual remediation costs that exceed the previous cost estimate.

I&M Response to RAI-1

Monitoring for potential sources of radiological contamination over the last three years, and associated recordkeeping information, indicate that there have been no changes to the conditions of the ISFSI subsurface soils, pads, or any other associated structures that would impact the previous assessment of their radiological background levels.

Specifically, with respect to the sole ISFSI at CNP, and pursuant to 10 CFR 72.30(c), I&M confirms that since 2012:

- There have been no reported spills of radioactive material;
- There have been no facility modifications;
- There have been no changes in authorized possession limits; and,
- There have been no actual remediation costs that exceed the previous cost estimate, which reflects that no remediation of the ISFSI was planned or conducted between 2012 to 2015.

The DFP previously provided in Enclosure 1 to the December 14, 2015, letter above, incorporates the decommissioning study of CNP provided in Enclosure 2 to the same letter. There have been no changes identified in response to this RAI; therefore, there is no need to revise the DFP.