



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 28, 2018

Mr. Joel P. Gebbie  
Site Vice President  
Indiana Michigan Power  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106

SUBJECT: 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

Dear Mr. Gebbie:

By letter dated December 14, 2015, Indiana Michigan Power Company submitted for U.S. Nuclear Regulatory Commission (NRC) staff review and approval, a decommissioning funding plan update (DFP Update) for the independent spent fuel storage installation (ISFSI) at Donald C. Cook Nuclear Plant Units 1 and 2 (Agencywide Documents Access and Management System Accession No. ML15351A007). The NRC staff reviewed Indiana Michigan Power Company's DFP updates for each ISFSI and believes Indiana Michigan Power Company's submittal was not sufficient to meet the intent of the requirement in Title 10 of the *Code of Federal Regulations* (10 CFR) 72.30(c). Specifically, the DFP update does not provide sufficient information to allow the NRC to determine that the events listed in 10 CFR 72.30(c)(1)-(4) have been considered.

The NRC staff need the information identified in the enclosure to this letter. We request that you provide this information within forty-five (45) working day of the date of this letter. Inform us at your earliest convenience, but no later than 2 weeks prior to the due date, if you are not able to provide the information by that date. To assist us in re-scheduling your review, you should include a new proposed submittal date and the reasons for the delay. Discussion of the request for additional information (RAI) and RAI response date occurred February 1, 2018.

The staff is available to clarify these questions, and if necessary to meet and discuss your proposed responses. If you have any questions regarding this matter, please contact me by e-mail at [pamela.longmire@nrc.gov](mailto:pamela.longmire@nrc.gov).

Sincerely,

**/RA John McKirgan Acting for/**

Pamela Longmire, Ph.D.  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-72  
CAC No.: 001028  
EPID No.: L-2017-FPR-0020  
Enclosure:  
Request for Additional Information

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, DOCUMENT DATE: February 28, 2018

DISTRIBUTION:

SFM R/F      McKirgan      ABowers      SHarwell      KLois      MHenderson

RidsNRRPMDCCook Resource

**G:/SFST/72.30 Decommissioning Funding Plans/RAIs/DC Cook-RAI.docx**

**G:/SFST/72.30 Decommissioning Funding Plans/RAIs/DC Cook-Enclosure.docx**

**ADAMS Accession No.: MLML18060A020 LTR: ML18060A022 RAI: ML18060A021**

C = COVER    E = COVER & ENCLOSURE    N = NO COPY

<b>OFC</b>	NMSS/DSFM	NMSS/DSFM	NMSS/DSFM
<b>NAME</b>	PLongmire	WWheatley	JMcKirgan
<b>DATE</b>	2/1/18	2/13/18	2/28/18

**OFFICIAL RECORD COPY**