



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

March 8, 2010

Mr. Joseph N. Jensen  
Senior Vice President and  
Chief Nuclear Officer  
Indiana Michigan Power Company  
Nuclear Generation Group  
One Cook Place  
Bridgman, MI 49106

**SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 – REQUEST FOR  
ADDITIONAL INFORMATION (SECOND ROUND) RE: LICENSE AMENDMENT  
REQUEST TO REVISE OPERATING LICENSES DPR-58 AND DPR-74,  
APPENDIX B, ENVIRONMENTAL TECHNICAL SPECIFICATIONS, PART II,  
NON-RADIOLOGICAL ENVIRONMENTAL PROTECTION PLAN  
(TAC NOS. ME0483 AND ME0484)**

Dear Mr. Jensen:

By letter dated January 14, 2009, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML090350210), Indiana Michigan Power Company (I&M, the licensee) submitted a license amendment request for Units 1 and 2 of the Donald C. Cook Nuclear Plant (CNP). The amendment proposes to modify the Operating Licenses, Appendix B, Environmental Technical Specifications, Part II, "Non-Radiological Environmental Protection Plan." I&M states that the proposed amendment is intended to delete obsolete program information to relieve CNP of the burden of preparing and submitting unnecessary environmental reports.

The NRC staff of the Environmental Branch in the Office of Nuclear Reactor Regulation has determined that additional information is required to complete the review.

The staff's request for additional information is provided below:

1. In Section 5.4.1, "Routine Reports," I&M provides justification for removing the Annual Environmental Operating Report by stating that the information contained in this report will be fully addressed through 10 CFR 50.72, 10 CFR 50.90, and existing CNP programs. However, when the NRC staff reviewed previous years' Annual Environmental Operating Reports, not all of the information contained in the report was readily locatable.

Please describe how (phone, letter, email, etc.) and to whom at the NRC (Operations Center, NRC Resident Inspector, Document Control Desk, DORL Project Manager, etc.) each of the following items in the Annual Environmental Operating Report is reported, and would continue to be reported, independent of the Annual Environmental Operating Report submittal:

- i. Non-routine reports
- ii. Herbicide Application Report
- iii. Molluscs Biofouling Monitoring Program Report

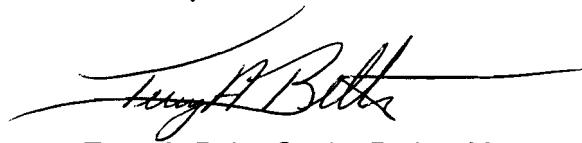
iv. NPDES Applications

v. Special Reports (when applicable)

The NRC staff discussed the proposed RAI with Mr. Michael Scarpello during a phone call on March 4, 2010. Mr. Scarpello stated that he understood the intent of the proposed RAI and agreed that it may be formally issued. Mr. Scarpello agreed to provide a written response to the RAI no later than March 19, 2010.

Feel free to contact me at (301) 415-3049 if you need further clarification or have any comments.

Sincerely,

A handwritten signature in black ink, appearing to read "Terry A. Beltz", with a long horizontal line extending to the right.

Terry A. Beltz, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

cc: Distribution via Listserv

J. Jensen

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**/RA/**

Terry A. Beltz, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

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**ADAMS Accession No.: ML100670426**

\* concurrence via e-mail

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