

November 16, 2007

Mr. Michael W. Rencheck
Senior Vice President and
Chief Nuclear Officer
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

SUBJECT: D. C. COOK NUCLEAR PLANT, UNITS 1 AND 2 - REQUEST FOR ADDITIONAL INFORMATION REGARDING RESPONSE TO GENERIC LETTER 2007-01, "INACCESSIBLE OR UNDERGROUND POWER CABLE FAILURES THAT DISABLE ACCIDENT MITIGATION SYSTEMS OR CAUSE PLANT TRANSIENTS" (TAC NOS. MD4318 AND MD4319)

Dear Mr. Rencheck:

In a letter dated May 8, 2007, Indiana Michigan Power Company provided its 90-day response to Generic Letter 2007-01. The Nuclear Regulatory Commission (NRC) staff reviewed the information transmitted by that letter and has generated draft questions, which had been e-mailed to your staff (Accession No. ML072920555) on October 19, 2007. The NRC staff discussed the draft questions with your staff in a telephone conference on November 14, 2007. As a result of that discussion and subsequent internal deliberation, the NRC staff supplemented draft Question 2, and finalized the enclosed Request for Additional Information (RAI).

Please respond within 30 days of the date of this letter. Feel free to contact me if you need clarification of this RAI.

Sincerely,

/RA/

Peter S. Tam, 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

Enclosure:
As stated

cc: See next page

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OFFICE	LPL3-1\PM	LPL3-1/LA	EEEE/BC	LPL3-1/BC (A)
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REQUEST FOR ADDITIONAL INFORMATION

D.C. COOK NUCLEAR PLANT, UNITS 1 AND 2

RESPONSE TO GENERIC LETTER (GL) 2007-01, "INACCESSIBLE OR UNDERGROUND
POWER CABLE FAILURES THAT DISABLE ACCIDENT MITIGATION SYSTEMS OR CAUSE
PLANT TRANSIENTS"

- (1) Licensee Event Report 50-315/98040-00 discussed a faulted underground cable due to aging of the cable. Please provide the information for the cable fault as requested in GL 2007-01, or justify why it is not within the scope of the GL.
- (2) The licensee reviewed its cable routing to identify cables that could routinely be exposed to moisture. A licensee should not have excluded cable failures based on whether the cables were routinely exposed to moisture. All failures of underground or inaccessible cables within the scope of the Maintenance Rule are within the scope of the GL. Please confirm that the reported cable failure history included all cable failures. If D.C. Cook's response to GL 2007-01 excluded cable failures based on moisture exposure, please provide the data for each cable failure as requested in GL 2007-01.

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

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