

August 30, 2005

Mr. Mano K. Nazar
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—ISSUANCE OF
RENEWED FACILITY OPERATING LICENSE NOS. DPR-58 AND DPR-74

Dear Mr. Nazar:

The U.S. Nuclear Regulatory Commission (NRC) has issued Renewed Facility Operating License Nos. DPR-58 and DPR-74 for the Donald C. Cook Nuclear Plant (CNP), Units 1 and 2. NRC issued the renewed facility operating licenses based on our review of your application dated October 31, 2003, as supplemented by letters submitted to the NRC through March 24, 2005. The Technical Specifications (TS) for CNP were not amended as a result of our review.

Enclosure 1 contains Renewed Facility Operating License No. DPR-58 (the renewed license for CNP, Unit 1) with two attachments—Appendix A, “Technical Specifications” (which are the newly-issued Improved Technical Specifications), and Appendix B, “Environmental Technical Specifications.”

Enclosure 2 contains Renewed Facility Operating License No. DPR-74 (the renewed license for CNP, Unit 2) with three attachments—“Preoperational Tests, Startup Tests and Other Items Which Must Be Completed Prior to Proceeding to Succeeding Operational Modes,” Appendix A, “Technical Specifications,” and Appendix B, “Environmental Technical Specifications.”

The Improved Technical Specifications (ITS) will become the governing Technical Specifications (TS) for CNP, Units 1 and 2, upon the date of implementation of the ITS for each unit, but no later than October 31, 2005. Until CNP completes the implementation of the ITS, the Current Technical Specifications (CTS) shall remain in effect, and Units 1 and 2 shall be operated in accordance with the requirements of the CTS. If there is an amendment to the TS for either unit before the implementation of the ITS is complete, the amendment will apply to both the CTS and the ITS.

Renewed Facility Operating License No. DPR-58 (the renewed license for CNP, Unit 1) expires at midnight October 25, 2034. Renewed Facility Operating License No. DPR-74 (the renewed license for CNP, Unit 2) expires at midnight December 23, 2037.

The technical basis for issuing the renewed licenses is set forth in NUREG-1831, “Safety Evaluation Report Related to the License Renewal of the Donald C. Cook Nuclear Plant, Units 1 and 2,” dated July 2005. The results of the environmental reviews related to the

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issuance of the renewed licenses are contained in NUREG-1437, Supplement 20, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 20, Regarding Donald C. Cook Nuclear Plant, Units 1 and 2," dated May 2005.

Enclosure 3 is a copy of the related *Federal Register* notice that issued the renewed licenses. The original has been sent to the Office of the *Federal Register* for publication.

Sincerely,

/RA/

Jonathan Rowley, Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-315 and 50-316

Enclosures: 1. Renewed Facility Operating License No. DPR-58
2. Renewed Facility Operating License No. DPR-74
3. *Federal Register* notice

cc w/encls (w/o Attachment to Renewed Operating License): See next page

M. Nazar

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issuance of the renewed licenses are contained in NUREG-1437, Supplement 20, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 20, Regarding Donald C. Cook Nuclear Plant, Units 1 and 2," dated May 2005.

Enclosure 3 is a copy of the related *Federal Register* notice that issued the renewed licenses. The original has been sent to the Office of the *Federal Register* for publication.

Sincerely,

/RA/

Jonathan Rowley, Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-315 and 50-316

Enclosures: 1. Renewed Facility Operating License No. DPR-58
2. Renewed Facility Operating License No. DPR-74
3. *Federal Register* notice

cc w/encls (w/o Attachment to Renewed Operating License): See next page

DISTRIBUTION: See next page

ADAMS Accession Nos.: Pkg - ML052340339; Ltr w/FRN - ML052340411
Unit 1- Renewed License - ML052340447; Unit 2- Renewed License - ML052340481
Technical Specs - ML052200366; Technical Specs - ML051503044
Environmental Tech Specs - ML021010206

OFFICE	PM:RELP	Tech Editor	LA:RLEP	PM:LPD1	PD:LPD1
NAME	JRowley	HChang (by email)	MJenkins	DSpaulding	HNieh
DATE	8/10/05	8/4/05	8/19/05	8/12/05	8/16/05
OFFICE	SC:RLEP	PD:RLEP	OGC NLO	D:DRIP	D:NRR
NAME	SLee	PTKuo (SLee for)	AHodgdon	DMatthews (W.Beckner for)	JEDyer
DATE	8/20/05	8/ 22 /05	8/19/05	8/22/05	8/23/05

OFFICIAL RECORD COPY

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

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Attorney General
Department of Attorney General
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DISTRIBUTION: Letter to: M. Nazar, Re: Issuance of Renewed Facility Operating for D.C. Cook Nuclear Plant, Units 1 and 2, Dated: August 30, 2005

ADAMS Accession No.: ML052340411

Pkg: ML052340339

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NRR/ADPT Secretary (RidsNrrAdpt)

UNITED STATES NUCLEAR REGULATORY COMMISSIONINDIANA MICHIGAN POWER COMPANYDONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2NOTICE OF ISSUANCE OF RENEWED FACILITYOPERATING LICENSE NOS. DPR-58 AND DPR-74FOR AN ADDITIONAL 20-YEAR PERIODDOCKET NOS. 50-315 AND 50-316

Notice is hereby given that the U.S. Nuclear Regulatory Commission (NRC or the Commission) has issued Renewed Facility Operating License Nos. DPR-58 and DPR-74 to Indiana Michigan Power Company (licensee), the operator of the Donald C. Cook Nuclear Plant (CNP), Units 1 and 2. Renewed Facility Operating License No. DPR-58 authorizes operation of CNP, Unit 1, by the licensee at reactor core power levels not in excess of 3304 megawatts thermal, respectively in accordance with the provisions of the CNP renewed license and its Technical Specifications. Renewed Facility Operating License No. DPR-74 authorizes operation of CNP, Unit 2, by the licensee at reactor core power levels not in excess of 3468 megawatts thermal, respectively in accordance with the provisions of the CNP renewed license and its Technical Specifications.

CNP Units 1 and 2 are Pressure Water Reactors located in Bridgman, Michigan. The licensee's application for the renewed license complied with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. As required by the Act and the Commission's regulations in 10 CFR Chapter 1, the Commission has made appropriate findings, which are set forth in each license. Prior public notice of the action involving the proposed issuance of the renewed license and of an

opportunity for a hearing regarding the proposed issuance of the renewed license was published in the *Federal Register* on December 10, 2003 (68 FR 68956).

For further details with respect to this action, see (1) Indiana Michigan Power Company's license renewal application for Donald C. Cook Nuclear Plant, Units 1 and 2 dated October 31, 2003, as supplemented by letters dated through March 24, 2005; (2) the Commission's safety evaluation report, dated July 2005 (NUREG-1831); and (3) the Commission's final environmental impact statements (NUREG-1437, Supplement 20, for the Donald C. Cook Nuclear Plant, Units 1 and 2, dated May 2005). These documents are available at the NRC's Public Document Room, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852 and can be viewed from the NRC Public Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>.

Copies of Renewed Facility Operating License Nos. DPR-58 and DPR-74 may be obtained by writing to the U.S. Nuclear Regulatory Commission, Washington, D.C., 20555-0001, Attention: Director, Division of Regulatory Improvement Programs. Copies of the Donald C. Cook Nuclear Plant, Units 1 and 2, Safety Evaluation Report (NUREG-1831) and the Final Environmental Impact Statements (NUREG-1437, Supplement 20) may be purchased from the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161 (<http://www.ntis.gov>), 703-605-6000, or Attention: Superintendent of Documents, U.S. Government Printing Office, P.O. Box 371954 Pittsburgh, PA 15250-7954 (<http://www.gpoaccess.gov>), 202-512-1800. All orders should clearly identify the NRC publication number and the requestor's Government Printing Office deposit account number or VISA or MasterCard number and expiration date.

Dated at Rockville, Maryland, this 30th day of August 2005.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Pao-Tsin Kuo, Program Director
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation