

September 16, 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 - CORRECTION TO  
AMENDMENTS 289 AND 271 (TAC NOS. MC4525 AND MC4526)

Dear Mr. Nazar:

On September 9, 2005, the U.S. Nuclear Regulatory Commission (NRC) issued Amendment No. 289 to Renewed Facility Operating License No. DPR-58 and Amendment No. 271 to Renewed Facility Operating License No. DPR-74 for the Donald C. Cook Nuclear Plant, Units 1 and 2, in response to your application dated September 21, 2004, as supplemented by letters dated March 18, April 7, May 6, and August 10, 2005. The amendments consisted of adding a license condition to extend the required action completion time for an inoperable alternate offsite power source (69 kV circuit) from the current 72 hours to 14 days on a one-time basis.

Due to administrative errors, the date of the March 18, 2005, letter was not included in the NRC cover letter which transmitted the amendment, nor did the date appear in the introduction paragraph of the NRC staff safety evaluation (SE). Additionally, page 4 of the Unit 1 License did not correctly reflect the last four paragraph numbers as "D", "E", "F", and "G." Accordingly, page 1 of the NRC staff SE, and page 4 of the Unit 1 license have been corrected.

Enclosed are the corrected pages. We apologize for any inconvenience this may have caused.

Sincerely,

**/RA/**

Deirdre W. Spaulding, Project Manager, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

Enclosures: Revised Pages

cc w/encls: See next page

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Docket Nos. 50-315 and 50-316

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NAME	DSpaulding	THarris	LRaghavan
DATE	09/16/05	09/16/05	09/16/05

OFFICIAL RECORD COPY

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

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June 30, 1986, January 28, 1987, May 26, 1987, June 16, 1988, June 17, 1988, June 7, 1989, February 1, 1990, February 9, 1990, March 26, 1990, April 26, 1990, March 31, 1993, April 8, 1993, December 14, 1994, January 24, 1995, April 19, 1995, June 8, 1995, and March 11, 1996, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

- (5) Deleted by Amendment No. 279
- (6) Deleted by Amendment No. 80
- (7) Deleted by Amendment No. 287
- (8) Deleted by Amendment No. 279
- (9) Deleted by Amendment No. 279
- (10) Deleted by Amendment No. 279
- (11) Deleted by Amendment No. 279
- (12) The 72 hour allowed outage time of Technical Specifications 3.1.2.4 and 3.5.2, Action "a," which was entered at 0130 on January 13, 2005, may be extended by an additional 24 hours to complete repair and testing of the 1 West Centrifugal Charging Pump.
- (13) The 72 hour allowed outage time of Technical Specifications 3.8.1.1 Action "a" may be extended to 14 days one time for the 69 kilovolt (alternate) independent offsite power circuit when it is made inoperable to complete connection of the Supplemental Diesel Generators to the existing plant electrical system and to perform upgrades to the alternate offsite power supply circuit.

D. Physical Protection

The Indiana Michigan Power Company shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822), and the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans<sup>1</sup>, which contain Safeguards Information protected under 10 CFR 73.21, is entitled: "Donald C. Cook Nuclear Plant Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, Revision 0," submitted by letter dated October 12, 2004.

- E. Deleted by Amendment No. 80
- F. Deleted by Amendment No. 80
- G. In all places of this renewed operating license, the reference to the Indiana and Michigan Electric Company is amended to read Indiana Michigan Power Company.

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<sup>1</sup> The Training and Qualification Plan and Safeguards Contingency Plan are Appendices to the Security Plan.

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 289

TO RENEWED FACILITY OPERATING LICENSE NO. DPR-58

AND AMENDMENT NO. 271 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-74

INDIANA MICHIGAN POWER COMPANY

DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2

DOCKET NOS. 50-315 AND 50-316

1.0 INTRODUCTION

By letter to the Nuclear Regulatory Commission (NRC, the Commission) dated September 21, 2004, as supplemented by letters dated March 18, April 7, May 6, and August 10, 2005, the Indiana Michigan Power Company proposed changes to Donald C. Cook Nuclear Plant, Units 1 and 2 (D. C. Cook) technical specifications (TSs) related to the emergency diesel generator (EDG) and the 69 kilovolt (kV) offsite power circuit limiting conditions for operation (LCO) action statements. By letter dated April 7, 2005, the licensee withdrew its request for extended component cooling water (CCW) and essential service water (ESW) allowed outage times (AOTs).

This amendment adds a license condition related to the 69 kV offsite power circuit limiting conditions for operation (LCO) action statements. The proposed change to extend the AOTs specified in TS 3.8.1, "AC Sources - Operating," to restore an inoperable EDG to operable status from the current 72 hours to 14 days will be addressed by separate correspondence. The proposed change addressed by this safety evaluation adds a license condition to extend the AOT for an inoperable alternate offsite power source (69 kV circuit) from the current 72 hours to 14 days on a one-time basis.

The purpose of the proposed change is to provide the licensee with needed flexibility to complete the one-time connection of the supplemental diesel generators (SDGs).

The supplemental letters contained clarifying information and did not change the initial no significant hazards consideration determination or expand the scope of the original *Federal Register* notice.

2.0 REGULATORY EVALUATION

The regulatory requirements that the NRC staff applied in its review of the application include:

General Design Criterion (GDC) 17, "Electric power systems," of Appendix A, "General Design Criteria for Nuclear Power Plants," to Part 50 of Title 10 of the *Code of Federal Regulations*