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Docket No. 50-315

MAY 28 1976

Indiana & Michigan Electric Company  
Indiana & Michigan Power Company  
ATTN: Mr. John Tillinghast  
Vice President  
P. O. Box 18  
Bowling Green Station  
New York, New York 10004

Gentlemen:

In response to your request of October 15, 1975, the Commission has issued Amendment No. 14 to Facility Operating License DPR-58. Amendment No. 14 authorizes operation of the Donald C. Cook Nuclear Plant, Unit 1, at steady state reactor core power levels not in excess of 3250 megawatts thermal (100 percent of rated power). This authorization is effective only until such time as the reactor is next refueled at which time the authorized power level will be 2632.5 megawatts thermal (81 percent of rated power). A signed copy of the Amendment is enclosed. Also enclosed is a copy of a related notice that has been sent to the Office of the Federal Register for filing and publication.

Sincerely,

Original signed by R. C. DeYoung

Roger S. Boyd, Director  
Division of Project Management  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 14
- 2. Federal Register Notice
- 3. Safety Evaluation Report

CCS:

Listed on page 2

OFFICE	LWR-1	LWR-2	LWR-2	AD/LWRs	OELD	D: [Signature]
SURNAME	MService:ng	RBenedict	KKniel	RCDeYoung	R Ross	R S Boyd
DATE	5/4/76	5/4/76	5/4/76	5/25/76	5/14/76	5/25/76

Indiana & Michigan Electric Company -2-  
Indiana & Michigan Power Company

ccs w/enclosures:  
Mr. Robert Hunter  
Vice President  
American Electric Power Service Corp  
2 Broadway  
New York, New York

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts & Trowbridge  
910 17th Street, NW  
Washington, D. C. 20006

Businessmen for the Public Interest  
Suite 1001  
109 North Dearborn Street  
Chicago, Illinois 60602

Mr. D. John Beck  
Division of Intergovernmental Relations  
Executive Office of the Governor  
Lansing, Michigan 49813

Mr. Oral Hurt, Director  
Bureau of Engineering  
State Board of Health  
1330 West Michigan Street  
Indianapolis, Indiana 46206

Mr. Wade Schuler, Supervisor  
Lake Township  
Baroda, Michigan 49101

Honorable W. Mabry, Mayor  
City of Bridgman  
Michigan 49104

Mr. Gary Williams  
Federal Activities Branch  
Environmental Protection Agency  
1 N. Wacker Drive  
Chicago, Illinois 60606

Mr. Sheldon Meyers  
ATTN; Mr. Jack Anderson  
Office of Federal Activities  
Environmental Protection Agency  
401 M Street, SW  
Washington, D. C. 20460

Colonel Howard Sargent  
Executive Director of Civil Works  
Office of the Chief of Engineers  
Department of the Army  
Forrestal Building  
10th and Independence  
Washington, D. C. 20314

Mr. Bruce Blanchard  
Office of Environmental  
Projects Review  
Department of the Interior  
Room 5321  
18th and C Streets, NW  
Washington, D. C. 20240

INDIANA AND MICHIGAN ELECTRIC COMPANY

INDIANA AND MICHIGAN POWER COMPANY

DOCKET NO. 50-315

DONALD C. COOK NUCLEAR PLANT, UNIT 1

FACILITY OPERATING LICENSE

License No. DPR-58  
Amendment No. 14

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Indiana and Michigan Electric Company and Indiana and Michigan Power Company (the licensees) dated October 15, 1975, complies with the standards and requirements of the Atomic Energy Act of 1951, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. An environmental statement or negative declaration need not be prepared in connection with the issuance of this amendment.

*as corrected*

OFFICE	LWR	LWR 2	LWR 2	OELD	AD: LWR	DPM
SURNAME	MSTWICE	RBenedict	KKniel	R. Ross	RDYoung	R. Ross
DATE	5/1/76	5/4/76	5/4/76	5/14/76	5/21/76	5/28/76

2. Accordingly, the license, as amended, is hereby further amended to change Item 2C(1) thereof, in its entirety, to read as follows:

2.C(1) Maximum Power Level

The licensees are authorized to operate the Donald C. Cook Nuclear Plant, Unit 1, at steady state reactor core power levels not to exceed 2632.5 megawatts thermal (81 percent of rated power) except that, until such time as the reactor is next refueled, the licensees are authorized to operate Donald C. Cook Nuclear Plant, Unit 1, at steady state reactor core power levels not to exceed 3250 megawatts thermal (100 percent of rated power).

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Roger S. Boyd, Director  
Division of Project Management  
Office of Nuclear Reactor Regulation

OFFICE →						
SURNAME →						
DATE →						



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

INDIANA AND MICHIGAN ELECTRIC COMPANY

INDIANA AND MICHIGAN POWER COMPANY

DOCKET NO. 50-315

DONALD C. COOK NUCLEAR PLANT, UNIT 1

FACILITY OPERATING LICENSE

License No. DPR-58  
Amendment No. 14

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Indiana and Michigan Electric Company and Indiana and Michigan Power Company (the licensees) dated October 15, 1975, complies with the standards and requirements of the Atomic Energy Act of 1951, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. An environmental statement or negative declaration need not be prepared in connection with the issuance of this amendment.

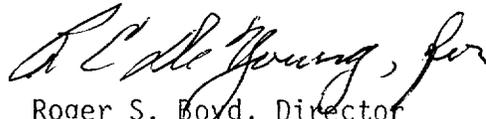
2. Accordingly, the license, as amended, is hereby further amended to change Item 2C(1) thereof, in its entirety, to read as follows:

2.C(1) Maximum Power Level

The licensees are authorized to operate the Donald C. Cook Nuclear Plant, Unit 1, at steady state reactor core power levels not to exceed 2632.5 megawatts thermal (81 percent of rated power) except that, until such time as the reactor is next refueled, the licensees are authorized to operate Donald C. Cook Nuclear Plant, Unit 1, at steady state reactor core power levels not to exceed 3250 megawatts thermal (100 percent of rated power).

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Roger S. Boyd, Director  
Division of Project Management  
Office of Nuclear Reactor Regulation

Date of Issuance:  
May 28, 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-315

INDIANA AND MICHIGAN ELECTRIC COMPANY

INDIANA AND MICHIGAN POWER COMPANY

DONALD C. COOK NUCLEAR PLANT, UNIT 1

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

Notice is hereby given that the U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 14 to Facility Operating License No. DPR-58 issued to Indiana and Michigan Electric Company and Indiana and Michigan Power Company for operation of the Donald C. Cook Nuclear Plant, Unit 1, located in Berrien County, Michigan. This amendment is effective as of its date of issuance.

The amendment increases the authorized power at which the Donald C. Cook Nuclear Plant, Unit 1, may be operated to 3250 megawatts thermal (100 percent of rated power). This authorization is effective only until such time as the reactor is next refueled, at which time the authorized power level will be 2632.5 megawatts thermal (81 percent of rated power).

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings required by the Act and the Commission's rules and regulations in 10 CFR Chapter I. These findings are set forth in the license amendment. Prior public notice of this amendment was published in the Federal Register on April 8, 1976 (41 FR 14954).

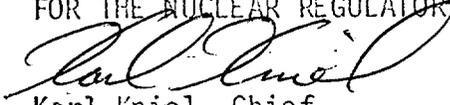
The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR 51.5(d)(4) an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with issuance of this amendment.

The basis for this licensing action is contained in a Safety Evaluation Report dated May 1976.

For further details with respect to these actions see (1) the application for amendment dated October 15, 1975, (2) March 11, 1976 report to the Commission by the Advisory Committee on Reactor Safeguards, and (3) Amendment No. 14 to Facility Operating License DPR-58 with the Commission's related Safety Evaluation. These documents are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW, Washington, D. C., and at the Maude Preston Palenske Memorial Library, 500 Market Street, St. Joseph, Michigan 49085. A copy of items (2) and (3) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Project Management.

Dated at Bethesda, Maryland, this 28 day of May 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Karl Kniel, Chief  
Light Water Reactors Branch 2  
Division of Project Management