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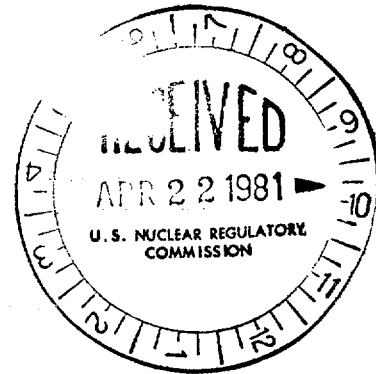
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APR 13 1981

Docket Nos. 50-315
and 50-316

Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
Post Office Box 18
Bowling Green Station
New York, New York 10004



Dear Mr. Dolan:

The Commission has issued the enclosed Amendment No. 45 to Facility Operating License No. DPR-58 and Amendment No. 29 to Facility Operating License No. DPR-74 for the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Facility Operating Licenses in response to your filings transmitted by letters dated March 23, 1979, April 21, 1980 and January 20, 1981.

The amendments modify License Nos. DPR-58 and DPR-74 to include a requirement to maintain a Safeguards Contingency Plan to be fully implemented, in accordance with 10 CFR 73.40(b), within 30 days of this approval by the Commission.

We have completed our review and evaluation of your Safeguards Contingency Plan and have concluded that the plan for your facility, when fully implemented, will provide the protection needed to meet the general performance requirements of 10 CFR 50.54(p) and 73.40(b) and the objectives of the specific requirements of 10 CFR 73.55(h) and Appendix C to 10 CFR 73. We, therefore, further conclude that your Safeguards Contingency Plan is acceptable.

Changes which would not decrease the effectiveness of your approved Safeguards Contingency Plan may be made without approval by the Commission pursuant to the authority of 10 CFR 50.54(p). A report containing a description of each change shall be furnished to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, with a copy to the appropriate NRC Regional Office within two months after the change is made. Records of changes made without Commission approval shall be maintained for a period of two years from the date of the change.

These amendments apply to the Safeguards Contingency Plan and therefore do not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that these amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR 51.5(d)(4) that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

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Mr. John Dolan

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Since these amendments apply to the Safeguards Contingency Plan, they do not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. They do not involve a significant increase in the probability or consequences of an accident, do not involve a significant decrease in a safety margin, and therefore, do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

We will continue to withhold your Safeguards Contingency Plan and related materials from public disclosure in accordance with the provisions of 10 CFR 2.790(d).

A copy of the Notice of Issuance is also enclosed.

Sincerely,

Original signed by:

S. A. Varga

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosures:

- 1. Amendment No. ⁴⁵ to DPR-58
- 2. Amendment No. ²⁹ to DPR-74
- 3. Notice of Issuance

cc w/enclosures:

See next page

OFFICE▶	ORB#1:DL	ORB#1:DL	C-ORB#1:DL	AD-OR-DL	OELD		
SURNAME▶	CParrish	SMiner/cb	SVarga	TNovak	R. [Signature]		
DATE▶	3/30/81	3/30/81	3/30/81	4/10/81	4/7/81		

Docket



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

April 13, 1981

Docket Nos. 50-315
and 50-316

Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
Post Office Box 18
Bowling Green Station
New York, New York 10004

Dear Mr. Dolan:

The Commission has issued the enclosed Amendment No. 45 to Facility Operating License No. DPR-58 and Amendment No. 29 to Facility Operating License No. DPR-74 for the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Facility Operating Licenses in response to your filings transmitted by letters dated March 23, 1979, April 21, 1980 and January 20, 1981.

The amendments modify License Nos. DPR-58 and DPR-74 to include a requirement to maintain a Safeguards Contingency Plan to be fully implemented, in accordance with 10 CFR 73.40(b), within 30 days of this approval by the Commission.

We have completed our review and evaluation of your Safeguards Contingency Plan and have concluded that the plan for your facility, when fully implemented, will provide the protection needed to meet the general performance requirements of 10 CFR 50.54(p) and 73.40(b) and the objectives of the specific requirements of 10 CFR 73.55(h) and Appendix C to 10 CFR 73. We, therefore, further conclude that your Safeguards Contingency Plan is acceptable.

Changes which would not decrease the effectiveness of your approved Safeguards Contingency Plan may be made without approval by the Commission pursuant to the authority of 10 CFR 50.54(p). A report containing a description of each change shall be furnished to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, with a copy to the appropriate NRC Regional Office within two months after the change is made. Records of changes made without Commission approval shall be maintained for a period of two years from the date of the change.

These amendments apply to the Safeguards Contingency Plan and therefore do not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that these amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR 51.5(d)(4) that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Mr. John Dolan

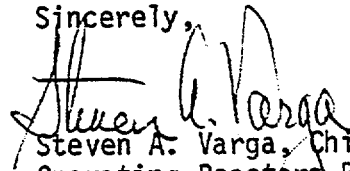
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Since these amendments apply to the Safeguards Contingency Plan, they do not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. They do not involve a significant increase in the probability or consequences of an accident, do not involve a significant decrease in a safety margin, and therefore, do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

We will continue to withhold your Safeguards Contingency Plan and related materials from public disclosure in accordance with the provisions of 10 CFR 2.790(d).

A copy of the Notice of Issuance is also enclosed.

Sincerely,


Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosures:

1. Amendment No. 45 to DPR-58
2. Amendment No. 29 to DPR-74
3. Notice of Issuance

cc w/enclosures:
See next page

Mr. John Dolan
Indiana and Michigan Electric Company

cc: Mr. Robert W. Jurgensen
Chief Nuclear Engineer
American Electric Power
Service Corporation
2 Broadway
New York, New York 10004

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Shaw, Pittman, Potts and Trowbridge
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Washington, D. C. 20036

Maude Preston Palenske Memorial
Library
500 Market Street
St. Joseph, Michigan 49085

Mr. D. Shaller, Plant Manager
Donald C. Cook Nuclear Plant.
P. O. Box 458
Bridgman, Michigan 49106

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
7700 Red Arrow Highway
Stevensville, Michigan 49127

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

Mr. William R. Rustem (2)
Office of the Governor
Room 1 - Capitol Building
Lansing, Michigan 48913

Honorable James Bemnek, Mayor
City of Bridgman, Michigan 49106

Director, Criteria and Standards Division
Office of Radiation Programs (ANR-460)
U. S. Environmental Protection Agency
Washington, D. C. 20460

U. S. Environmental Protection Agency
Federal Activities Branch
Region V Office
ATTN: EIS COORDINATOR
230 South Dearborn Street
Chicago, Illinois 60604

Maurice S. Reizen, M.D.
Director
Department of Public Health
P. O. Box 30035
Lansing, Michigan 48909

William J. Scanlon, Esquire
2034 Pauline Boulevard
Ann Arbor, Michigan 48103



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

INDIANA AND MICHIGAN ELECTRIC COMPANY

DOCKET NO. 50-315

DONALD C. COOK NUCLEAR PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 45
License No. DPR-58

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The filings by Indiana and Michigan Electric Company (the licensee) dated March 23, 1979, April 21, 1980 and January 20, 1981, comply with the standards and requirements of the Atomic Energy Act of 1954, 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 filings, 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. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, Facility Operating License No. DPR-58 is hereby amended as follows:

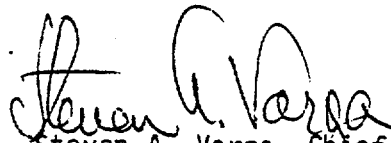
- (1) Renumber paragraph 2.G. to 2.H.
- (2) Renumber paragraph 2.H. to 2.I.
- (3) Add a new paragraph 2.G. to read as follows:

2.G. Safeguards Contingency Plan

The licensee shall fully implement and maintain in effect all provisions of the Commission-approved Safeguards Contingency Plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p). The approved Contingency Plan consists of documents withheld from public disclosure pursuant to 10 CFR 2.790(d) and identified as "Donald C. Cook Nuclear Plant Safeguards Contingency Plan" dated January 20, 1981 and submitted pursuant to 10 CFR 73.40. The Contingency Plan shall be fully implemented, in accordance with 10 CFR 73.40(b), within 30 days of this approval by the Commission.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Date of Issuance: April 13, 1981



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

INDIANA AND MICHIGAN ELECTRIC COMPANY

DOCKET NO. 50-316

DONALD C. COOK NUCLEAR PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 29
License No. DPR-74

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The filings by Indiana and Michigan Electric Company (the licensee) dated March 23, 1979, April 21, 1980 and January 20, 1981, comply with the standards and requirements of the Atomic Energy Act of 1954, 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 filings, 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. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Facility Operating License No. DPR-74 is hereby amended as follows:


- (1) Renumber paragraph 2.G. to 2.H.
- (2) Renumber paragraph 2.H. to 2.I.
- (3) Add a new paragraph 2.G. to read as follows:

2.G. Safeguards Contingency Plan

The licensee shall fully implement and maintain in effect all provisions of the Commission-approved Safeguards Contingency Plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p). The approved Contingency Plan consists of documents withheld from public disclosure pursuant to 10 CFR 2.790(d) and identified as "Donald C. Cook Nuclear Plant Safeguards Contingency Plan" dated January 20, 1981 and submitted pursuant to 10 CFR 73.40. The Contingency Plan shall be fully implemented, in accordance with 10 CFR 73.40(b), within 30 days of this approval by the Commission.

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

FOR THE NUCLEAR REGULATORY COMMISSION


Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Date of Issuance: April 13, 1981

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NOS. 50-315 AND 50-316INDIANA AND MICHIGAN ELECTRIC COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 45 to Facility Operating License No. DPR-58, and Amendment No. 29 to Facility Operating License No. DPR-74 issued to Indiana and Michigan Electric Company (the licensee), which revised the Facility Operating Licenses of the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2 (the facilities) located in Berrien County, Michigan. The amendments are effective as of the date of issuance.

The amendments add license conditions to include the Commission-approved Safeguards Contingency Plan as part of the licenses.

The licensee's filings comply 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 as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

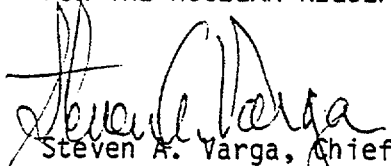
The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance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

The licensee's filings dated March 23, 1979, April 21, 1980 and January 20, 1981 are being withheld from public disclosure pursuant to 10 CFR 2.790(d). The withheld information is subject to disclosure in accordance with the provisions of 10 CFR §9.12.

For further details with respect to this action, see (1) Amendment Nos. 45 and 29 to License Nos. DPR-58 and DPR-74, and (2) the Commission's related letter to the licensee dated April 13, 1981. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Maude Reston Palenske Memorial Library, 500 Market Street, St. Joseph, Michigan 49085. A copy of items (1) and (2) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this

FOR THE NUCLEAR REGULATORY COMMISSION


Steven A. Yarga, Chief
Operating Reactors Branch #1
Division of Licensing