

APRIL 3 1979

Docket Nos. 50-315  
and 50-316

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

Attachment to be Withheld  
from Public Disclosure

Dear Mr. Tillinghast:

The Commission has issued the enclosed Amendment Nos. 27 and 9 to Facility Operating License Nos. DPR-58 and DPR-74 for the Donald C. Cook Nuclear Plant in response to your submittals of June 28, 1978 as supplemented January 31, 1979, February 2, 1979 and February 8, 1979.

The amendments incorporate the "Donald C. Cook Nuclear Plant Modified Amended Security Plan" into License Nos. DPR-58 and DPR-74 effective February 23, 1979.

We have completed our review and evaluation of your physical security plan and have concluded that the physical security plan for your facility, when fully implemented, will provide the protection needed to meet the general performance requirements of 10 CFR 73.55(a) and the objectives of the specific requirements of 10 CFR 73.55, paragraphs (b) through (h), without impairing your ability to safely operate your facility. We therefore further conclude that the plan is acceptable.

The enclosed Security Plan Evaluation Report (SPER) represents our evaluation and acceptance of your physical security plan. The SPER is being withheld from public disclosure pursuant to 10 CFR 2.790(d).

When all aspects of your approved plan have been implemented, we request that you notify both the Office of Inspection and Enforcement and the Office of Nuclear Reactor Regulation, at which time a compliance inspection will be scheduled by the Office of Inspection and Enforcement.

\*\*HSmith~~er~~ verified on 2/16/79 w/M. Ulman, ELD, that the SPER packages do not require ELD concurrence as long as the approved Notice is followed (Ft. Calhoun).

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(see security plans)  
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|---------|---------------|-----------|----------|------------|--------|------------|
| OFFICE  | DOR:ORB1      | DOR:ORB1  | DOR:RSLB | DOR:AD:S&P | OELD** | DOR:ORB1   |
| SURNAME | DWigginton:jb | CSParrish | RCIark   | RAVoNner   |        | ASchwencer |
| DATE    | 02/16/79      | 02/ /79   | 02/ /79  | 02/ /79    |        | 04/3/79    |

Mr. John Tillinghast

- 2 -

Changes which would not decrease the effectiveness of your approved security 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 physical security 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.

Since these amendments apply to the physical security 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.

A copy of the related Notice of Issuance is also enclosed.

Sincerely,

Original Signed By

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

TAC 8484  
6917

Enclosures:

1. Amendment No. 27 to DPR-58
2. Amendment No. 9 to DPR-74
3. Security Plan Evaluation Report  
(To Be Withheld From Public Disclosure)

Attachment to be Withheld  
from Public Disclosure

|         |                              |  |  |  |  |
|---------|------------------------------|--|--|--|--|
| 4.      | Notice of Issuance           |  |  |  |  |
| OFFICE  |                              |  |  |  |  |
| CC:     | w/enclosures 1, 2 and 4 only |  |  |  |  |
| BURNAME | See next page                |  |  |  |  |
| DATE    |                              |  |  |  |  |



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

April 3, 1979

Docket Nos. 50-315  
and 50-316

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

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We have completed our review and evaluation of your physical security plan and have concluded that the physical security plan for your facility, when fully implemented, will provide the protection needed to meet the general performance requirements of 10 CFR 73.55(a) and the objectives of the specific requirements of 10 CFR 73.55, paragraphs (b) through (h), without impairing your ability to safely operate your facility. We therefore further conclude that the plan is acceptable.

The enclosed Security Plan Evaluation Report (SPER) represents our evaluation and acceptance of your physical security plan. The SPER is being withheld from public disclosure pursuant to 10 CFR 2.790(d).

When all aspects of your approved plan have been implemented, we request that you notify both the Office of Inspection and Enforcement and the Office of Nuclear Reactor Regulation, at which time a compliance inspection will be scheduled by the Office of Inspection and Enforcement.

Attachment to be Withheld  
from Public Disclosure

Mr. John Tillinghast

- 2 -

April 3, 1979

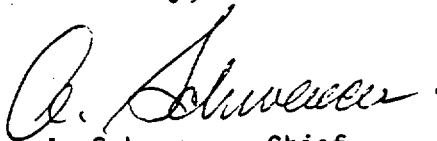
Changes which would not decrease the effectiveness of your approved security plan may be made without approval by the Commission pursuant to the authority of 10 CFR 50.54(p). A report containing a description of each change shall be furnished to the Director, Office of Nuclear Reactor Regulation, U. 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.

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A copy of the related Notice of Issuance is also enclosed.

Sincerely,



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

1. Amendment No. 27 to DPR-58
2. Amendment No. 9 to DPR-74
3. Security Plan Evaluation Report  
(To Be Withheld From Public Disclosure)
4. Notice of Issuance

Attachments to be Withheld  
From Public Disclosure

cc: w/enclosures 1, 2 and 4 only:  
See next page

Mr. John Tillinghast  
Indiana and Michigan Electric Company  
Indiana and Michigan Power Company - 3 -

April 3, 1979

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

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N.W.  
Washington, D. C. 20036

David Dinsmore Comey  
Executive Director  
Citizens for a Better Environment  
59 East Van Buren Street  
Chicago, Illinois 60605

Maude Reston 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

Kenneth R. Baker  
2874 Robin Hood Drive  
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 Bemenek, Mayor  
City of Bridgman, Michigan 49106

Director, Technical Assessment Division  
Office of Radiation Programs (AW-459)  
U. S. Environmental Protection Agency  
Crystal Mall #2  
Arlington, Virginia 20460

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

Attachment to be Withheld  
from Public Disclosure



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 NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 27  
License No. DPR-58

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The filings by Indiana and Michigan Electric Company and Indiana and Michigan Power Company (the licensees) dated June 28, 1978, as supplemented January 31, 1979, February 2, 1979 and February 8, 1979 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 licensees' 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.

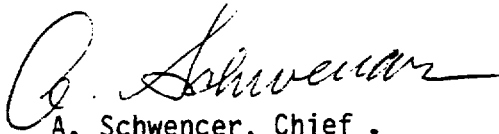
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2. Accordingly, Facility Operating License No. DPR-58 is hereby amended by adding Section E to read as follows:

" E    The licensees shall maintain in effect and fully implement all provisions of the Commission-approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p). The approved security plan documents, withheld from public disclosure pursuant to 10 CFR 2.790(d), collectively titled "Donald C. Cook Nuclear Plant Modified Amended Security Plan", dated June 28, 1978 as supplemented January 31, 1979, February 2, 1979 and February 8, 1979."

3. This license amendment becomes effective on February 23, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief .  
Operating Reactors Branch #1  
Division of Operating Reactors

Date of Issuance: April 3, 1979



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

INDIANA AND MICHIGAN ELECTRIC COMPANY

INDIANA AND MICHIGAN POWER COMPANY

DOCKET NO. 50-316

DONALD C. COOK NUCLEAR PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 9  
License No. DPR-74

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The filings by Indiana and Michigan Electric Company and Indiana and Michigan Power Company (the licensees) dated June 28, 1978, as supplemented January 31, 1979, February 2, 1979 and February 8, 1979 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 licensees' 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 by revising Section D to read as follows:

" D The licensees shall maintain in effect and fully implement all provisions of the Commission-approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p). The approved security plan documents, withheld from public disclosure pursuant to 10 CFR 2.790(d), collectively titled "Donald C. Cook Nuclear Plant Modified Amended Security Plan", dated June 28, 1978 as supplemented January 31, 1979, February 2, 1979 and February 8, 1979."

3. This license amendment becomes effective on February 23, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Date of Issuance: April 3, 1979

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

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment Nos. 27 and 9 to Facility Operating License Nos. DPR-58 and DPR-74, issued to Indiana and Michigan Electric Company and Indiana and Michigan Power Company (the licensees), which revised the licenses for operation of the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2, (the facility), located in Berrien County, Michigan. The amendments became effective on February 23, 1979.

The amendments add license conditions to include the Commission-approved physical security plan as part of the licenses.

The licensees' 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.

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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 licensees' filings dated June 28, 1978, as supplemented January 31, 1979, February 2, 1979 and February 8, 1979, and the Commission's Security Plan Evaluation Report 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.

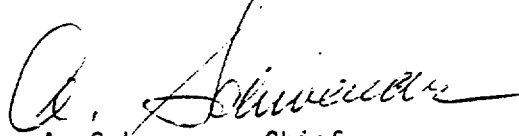
For further details with respect to this action, see (1) Amendment Nos. 27 and 9 to License Nos. DPR-58 and DPR-74 , and (2) the Commission's related letter to the licensee dated April 3, 1979.

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 Operating Reactors.

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Dated at Bethesda, Maryland, this 3rd day of April, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read 'A. Schwencer', written in dark ink.

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors