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Chairman, ASLAB

JUL 30 1981

316

Docket No. 50-315

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

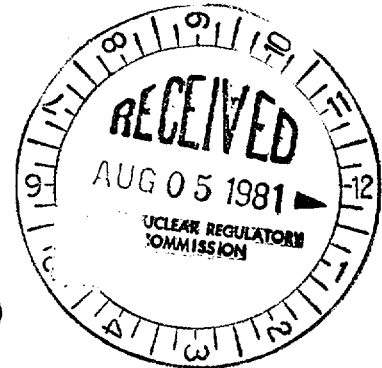
Dear Mr. Dolan:

The Commission has issued the enclosed Amendment No. <sup>33</sup>49 to Facility Operating License No. DPR-74 for the Donald C. Cook Nuclear Plant, Unit No. 2. The amendment consists of changes to the Operating License in response to your application transmitted by letter dated May 11, 1981.

This amendment modifies License No. DPR-74 to include a one time only relief from the requirements of Technical Specifications Sections 3.0.4 and 4.0.4. This change allows a period of 72 hours for the plant to proceed with plant startup with one safety injection pump inoperable.

By letter dated May 11, 1981 you requested relief from the requirements of Technical Specifications Sections 3.0.4 and 4.0.4 concerning the inability of one of the Safety Injection Pumps failure to meet its discharge pressure surveillance requirements. All other ECCS pumps meet the surveillance requirements. You further stated that you have initiated repair of the pump and that you expect it will take approximately 72 hours to repair the pump. The plant is in Mode 4 and you wished to continue with plant startup, that is proceed from Mode 4 to Mode 3 and then to Mode 2, with one safety injection pump inoperable. Technical Specifications Sections 3.0.4 and 4.0.4 prohibits changing modes with one safety injection pump inoperable. You, therefore, requested that we waive the requirements of these sections for 72 hours. You stipulated that in the event the pump is not operable by the end of the 72 hour period the plant will be returned to Mode 4.

The plant has been down for refueling for about 8 weeks and, therefore, very little decay heat is being generated. The redundant Safety Injection Loop is available as well as all the other ECCS systems. Further shutdown of one Safety Injection Loop for 72 hours in Modes 1, 2 and 3 is allowable according



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Mr. John Dolan

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to the Technical Specifications. We, therefore, have concluded that on a one time basis authorizing startup to proceed for 72 hours from the time the plant enters Mode 3 with one shutdown Safety Injection Pump is acceptable provided (1) the plant is returned to Mode 4 if the pump is not operable at the end of the 72 hours and (2) the plant does not proceed beyond Mode 2, i.e., enter Mode 1. The authorization is automatically cancelled at 12 midnight on May 15, 1981. On May 11, 1981 by telephone we authorized the one-time change in the Facility Operating License for D. C. Cook Nuclear Plant Unit No. 2 outlined above and confirmed the telephone authorization in our May 12, 1981 letter from Thomas M. Novak.

We have determined that the amendment does 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 the amendment involves 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 the amendment.

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

Original signed by:

S. A. Varga

Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing

Enclosures:

1. Amendment No. <sup>33</sup>~~49~~ to DPR-74
2. Notice of Issuance

cc w/enclosures:

See next page

*Noted  
signature*

OFFICE	ORB 1	ORB 1	ORB 1	AD:OR	OELD		
SURNAME	CParrish/rs	SMiner	S Varga	T Novak	R. BLACK		
DATE	7/1/81	7/17/81	7/20/81	7/20/81	7/22/81		

Mr. John Dolan  
Indiana and Michigan Electric Company

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

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Shaw, Pittman, Potts and Trowbridge  
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Maude Preston Palenske Memorial  
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500 Market Street  
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Mr. D. Shaller, Plant Manager  
Donald C. Cook Nuclear Plant  
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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 Bemenek, Mayor  
City of Bridgman, Michigan 49106

Regional Radiation Representative  
EPA Region V  
230 South Dearborn Street  
Chicago, Illinois 60604

Maurice S. Reizen, M.D.  
Director  
Department of Public Health  
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Lansing, Michigan 48109

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

The Honorable Tom Corcoran  
United States House of Representatives  
Washington, D. C. 20515



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. 49  
License No. DPR-74

1. The Nuclear Regulatory Commission (the Commission) has found that:-

- A. The request for amendment by Indiana and Michigan Electric Company (the licensee) dated May 11, 1981, complies 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 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. 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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PDR

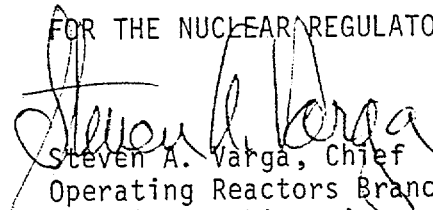
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-74 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No.49, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment was effective on May 11, 1981 and expired 12 midnight on May 15, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 30, 1981

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

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 4<sup>9</sup> to Facility Operating License No. DPR-74 issued to Indiana and Michigan Electric Company (the licensee), which revised Technical Specifications for operation of Donald C. Cook Nuclear Plant, Unit Nos. 2 (the facility) located in Berrien County, Michigan. The amendment was effective on May 11, 1981 and expired at 12 midnight on May 15, 1981.

The amendment modifies License No. DPR-74 to include a one time only relief from the requirements of Technical Specifications Sections 3.0.4 and 4.0.4. This change allows a period of 72 hours for the plant to proceed with plant startup with one Safety Injection Pump inoperable. The amendment was authorized on an expedited basis to allow startup of the unit to continue while the inoperable pump was being repaired.

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 as required by the Act and the Commission's rules and regulations

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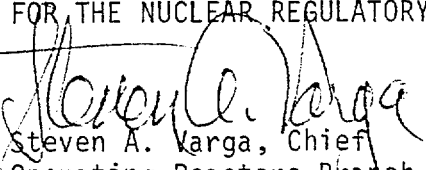
in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of the amendment was not required since the amendment does not involve a significant hazards consideration.

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 impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the request for amendment dated May 11, 1981, (2) Amendment No. 49 to License No. DPR-74, and (3) the Commission's letters to the licensee dated May 12, 1981 and July 30, 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 (2) and (3) 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 30th day of July, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing