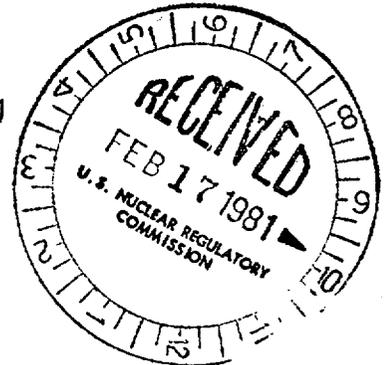


Docket Nos. 50-315  
and 50-316

JAN 30 1981



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>44</sup> to Facility Operating License No. DPR-58 and Amendment No. ~~26~~ 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 Technical Specifications in response to your applications transmitted by letters dated December 22, 1978, February 13, 1979, and April 9, 1980.

These amendments revise the Fire Protection Technical Specifications to reflect modifications made to the D. C. Cook Nuclear Plant and administratively revises the Technical Specification index to add Environmental Qualification.

By Amendment No. 22 to Operating License DPR-58 on Unit No. 1 issued December 12, 1977 and by Operating License DPR-74 on Unit No. 2 issued December 23, 1977, Technical Specifications were incorporated in your licenses specifying limiting conditions for operation and surveillance requirements for existing fire protection systems and administrative controls. In our letter of July 31, 1979 (Amendment No. 31 to Operating License DPR-58 for Unit No. 1 and Amendment No. 12 to Operating License DPR-74 for Unit No. 2) you were requested to propose, where appropriate, revised Technical Specifications related to facility modifications described in the enclosed Safety Evaluation. We further stated that these specification changes should be provided within 60 days after modifications affecting Technical Specifications are completed. On December 22, 1978, and February 13, 1979 you proposed Technical Specification changes to the "Fire Protection Instrumentation" for D.C. Cook Units Nos. 1 and 2. By letter dated April 9, 1980 you supplemented those Technical Specifications to reflect as built conditions and proposed Technical Specifications changes to the spray and/or sprinkler systems. These changes are in accordance with the Fire Protection Safety Evaluation Report issued on July 31, 1979 with License Amendment No. 31 to Operating License DPR-58 for Unit No. 1 and License Amendment No. 12 to Operating License DPR-74 for Unit No. 2 and are, therefore, acceptable.

*1/30/81 Joe Scinto agreed to concur provided Environmental Safety paragraphs were added - done*

8103020 758

OFFICE	ORB#1:DS	ORB#1:DS	C-ORB#1:DS	AD-OR:DS	OELD	ORB#5:DL
SURNAME	CParrish	SMIner	SVanga	Novak	R. Black	Twambach
DATE	1/21/81	1/21/81	1/21/81	1/23/81	1/26/81	1/22/81

Mr. John Dolan

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 environment 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 this 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Copies of the Notice of Issuance are also enclosed;

Sincerely,

Original signed by  
S. A. Varga

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

Enclosures:

- 1. Amendment No. 44 to DPR-58
- 2. Amendment No. 26 to DPR-74
- 3. Notice of Issuance

cc: w/enclosures  
See next page

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SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

Mr. John Dolan

Copies of the Notice of Issuance are also enclosed.

Sincerely,

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

Enclosures:

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

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OELD  
 AEOD  
 IE-3  
 ACRS-16  
 Gray File-2&4  
 BJones-8  
 BScharf-10  
 RDiggs  
 CMiles  
 JWetmore

OFFICE							
SURNAME							
DATE							



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

*Docket*

January 30, 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. 44 to Facility Operating License No. DPR-58 and Amendment No. 26 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 Technical Specifications in response to your applications transmitted by letters dated December 22, 1978, February 13, 1979, and April 9, 1980.

These amendments revise the Fire Protection Technical Specifications to reflect modifications made to the D. C. Cook Nuclear Plant and administratively revises the Technical Specification index to add Environmental Qualification.

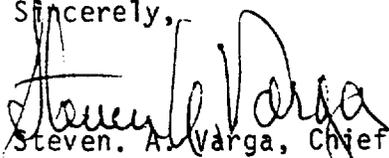
By Amendment No. 22 to Operating License DPR-58 on Unit No. 1 issued December 12, 1977 and by Operating License DPR-74 on Unit No. 2 issued December 23, 1977, Technical Specifications were incorporated in your licenses specifying limiting conditions for operation and surveillance requirements for existing fire protection systems and administrative controls. In our letter of July 31, 1979 (Amendment No. 31 to Operating License DPR-58 for Unit No. 1 and Amendment No. 12 to Operating License DPR-74 for Unit No. 2) you were requested to propose, where appropriate, revised Technical Specifications related to facility modifications described in the enclosed Safety Evaluation. We further stated that these specification changes should be provided within 60 days after modifications affecting Technical Specifications are completed. On December 22, 1978, and February 13, 1979 you proposed Technical Specification changes to the "Fire Protection Instrumentation" for D. C. Cook Units Nos. 1 and 2. By letter dated April 9, 1980 you supplemented those Technical Specifications to reflect as built conditions and proposed Technical Specifications changes to the spray and/or sprinkler systems. These changes are in accordance with the Fire Protection Safety Evaluation Report issued on July 31, 1979 with License Amendment No. 31 to Operating License DPR-58 for Unit No. 1 and License Amendment No. 12 to Operating License DPR-74 for Unit No. 2 and are, therefore, acceptable.

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 environment 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 this 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Copies of the Notice of Issuance are also enclosed.

Sincerely,

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

Enclosures:

1. Amendment No.44 to DPR-58
2. Amendment No.26 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

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

Citizens for a Better Environment  
59 East Van Buren Street  
Chicago, Illinois 60605

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. 44  
License No. DPR-58

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment by Indiana and Michigan Electric Company (the licensee) dated December 22, 1978 and April 9, 1980, 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 applications, 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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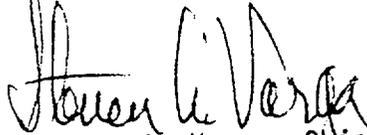
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-58 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 44, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: January 30, 1981

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 44 TO FACILITY OPERATING LICENSE NO. DPR-58

DOCKET NO. 50-315

Revise Appendix A as follows:

<u>Remove Pages</u>	<u>Insert Pages</u>
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ADMINISTRATIVE CONTROLS

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## INSTRUMENTATION

### FIRE DETECTION INSTRUMENTATION

#### LIMITING CONDITION FOR OPERATION

---

3.3.3.7 As a minimum, the fire detection instrumentation for each fire detection zone shown in Table 3.3-10 shall be OPERABLE.

APPLICABILITY: Whenever equipment in that fire detection zone is required to be OPERABLE.

#### ACTION:

With the number of OPERABLE fire detection instruments less than required by Table 3.3-10:

1. Within 1 hour, establish a fire watch patrol to inspect the **zone(s)** with the inoperable instrument(s) at least once per hour, and
2. Restore the inoperable instrument(s) to OPERABLE status within 14 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the instrument(s) to OPERABLE status.
3. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

#### SURVEILLANCE REQUIREMENTS

---

4.3.3.7.1 Each of the above fire detection instruments shall be demonstrated OPERABLE at least once per 6 months by performance of a CHANNEL FUNCTIONAL TEST.

4.3.3.7.2 The NFPA Code 72D Class B supervised circuits supervision associated with the detector alarms of each of the above required fire detection instruments shall be demonstrated OPERABLE at least once per 6 months.

TABLE 3.3-10

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE</u>		
	<u>SMOKE (IONIZATION)</u>	<u>HEAT (THERMISTOR)</u>	<u>OPTICAL (INFRARED)</u>
1. Containment			
Zone 6, Quadrant 1 Cable Tunnel	3		2
Zone 7, Quadrant 2 Cable Tunnel	5		3
Zone 8, Quadrant 3N Cable Tunnel	3		2
Zone 9, Quadrant 3M Cable Tunnel	3		2
Zone 10, Quadrant 3S Cable Tunnel	2		2
Zone 11, Quadrant 4 Cable Tunnel	5		4
Quadrant 1		14	
Quadrant 2		3	
Quadrant 3		18	
Quadrant 4		11	
1-HV-CFT-1 Charcoal Filters		1	
1-HV-CFT-2 Charcoal Filters		1	
2. Control Room			
Zone 22, Control Room	24		
3. Cable Spreading Room			
Zone 15, Switchgear Cable Vault	10		8
Zone 16, Auxiliary Cable Vault	5		
Zone 17, Control Room Cable Vault	24		
Zone 18, Control Room Cable Vault	25		
4. Diesel Generator			
Diesel Generator Room 1AB		1	
Diesel Generator Room 1CD		1	
5. Diesel Fuel Oil Room		1	

TABLE 3.3-10 (Cont'd)

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE</u>		
	<u>SMOKE (IONIZATION)</u>	<u>HEAT (THERMISTOR)</u>	<u>OPTICAL (INFRARED)</u>
6. Auxiliary Building			
Zone 1, Elevation 573 ft.	5		
Zone 2, Elevation 587 ft.	42		
Zone 3, Elevation 609 ft.	22		
Zone 4, Elevation 633 ft.	31		
Zone 5, Elevation 650 ft.	26		
Zone 12, 4 Kv Switchgear	3		5
Zone 13, Engineered Safety Switchgear	7		4
Zone 14, CRD Switchgear	6		4
1-HV-AES-1 Charcoal Filters		1	
1-HV-AES-2 Charcoal Filters		1	
12-HV-AFX Charcoal Filters		1	
1-HV-CPR Charcoal Filters		1	
1-HV-CIPX Charcoal Filters		1	
1-HV-ACRF Charcoal Filters		1	
7. Fuel Storage			
Zone 19, New Fuel Storage Room	3		

PLANT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

---

2. By inspection of deluge and preaction type system spray headers to verify their integrity.
  3. By inspection of each open head deluge nozzle to verify no blockage.
- c. At least once per 3 years by performing an air flow test through each open head deluge header and verifying each open head deluge nozzle is unobstructed.

TABLE 3.7-5

SRRAY AND/OR SPRINKLER SYSTEMS

A. OPEN HEAD DELUGE TYPE WATER SYSTEMS

<u>LOCATION</u>	<u>ACTUATION</u>
1-HV-AES-1 Charcoal Filters	Electric-heat
1-HV-AES-2 Charcoal Filters	Electric-heat
12-HV-AFX Charcoal Filters	Electric-heat
1-HV-CPR-1 Charcoal Filters	Electric-heat
1-HV-CIPX-1 Charcoal Filters	Electric-heat
1-HV-ACRF-1 Charcoal Filters	Electric-heat

B. CLOSED HEAD SPRINKLER TYPE WATER SYSTEMS

<u>LOCATION</u>	<u>TYPE SYSTEM</u>	<u>ACTUATION</u>
Auxiliary Bldg. Cask Handling Area*	Preaction Sprinkler	Dry Pilot
Auxiliary Bldg. Drumming Area*	Preaction Sprinkler	Dry Pilot
Auxiliary Bldg. Elev, 587* & 609* (Corridors, charging, safety Inj. pump rooms, laundry area)	Preaction Sprinkler	Dry Pilot
Reactor Coolant Pumps (4)	Preaction Sprinkler	Manual

\* Shared system with D. C. COOK - UNIT 2.



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. 26  
License No. DPR-74

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment by Indiana and Michigan Electric Company (the licensee) dated February 13, 1979 and April 9, 1980, 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 applications, 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.

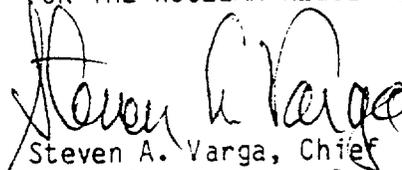
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-74 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 26, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: January 30, 1981

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 26 TO FACILITY OPERATING LICENSE NO. DPR-74

DOCKET NO. 50-316

Revise Appendix A as follows:

<u>Remove Pages</u>	<u>Insert Pages</u>
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TABLE 3.3-11

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE</u>		
	<u>SMOKE (IONIZATION)</u>	<u>HEAT (THERMISTOR)</u>	<u>OPTICAL (INFRARED)</u>
1. Containment			
Zone 1, Quadrant 1 Cable Tunnel	3		2
Zone 2, Quadrant 2 Cable Tunnel	5		3
Zone 3, Quadrant 3N Cable Tunnel	3		2
Zone 4, Quadrant 3M Cable Tunnel	3		2
Zone 5, Quadrant 3S Cable Tunnel	2		2
Zone 6, Quadrant 4 Cable Tunnel	5		4
Quadrant 1		12	
Quadrant 2		5	
Quadrant 3		23	
Quadrant 4		11	
2-HV-CFT-1 Charcoal Filters		1	
2-HV-CFT-2 Charcoal Filters		1	
2. Control Room			
Zone 16, Control Room	22		
3. Cable Spreading Room			
Zone 10, Switchgear Cable Vault	8		8
Zone 11, Auxiliary Cable Vault	5		
Zone 12, Control Room Cable Vault	24		
Zone 13, Control Room Cable Vault	25		
4. Diesel Generator			
Diesel Generator Room 2AB			1
Diesel Generator Room 2CD			1
5. Diesel Fuel Oil Room			1

TABLE 3.3-11 (Cont'd)

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE</u>		
	<u>SMOKE (IONIZATION)</u>	<u>HEAT (THERMISTOR)</u>	<u>OPTICAL (INFRARED)</u>
6. Auxiliary Building			
Elevation 573 ft.*	5		
Elevation 587 ft.*	42		
Elevation 609 ft.*	22		
Elevation 633 ft.*	31		
Elevation 650 ft.*	26		
Zone 7, 4 Kv Switchgear	3		5
Zone 8, Engineered Safety Switchgear	7		4
Zone 9, CRD Switchgear	6		4
2-HV-AES-1 Charcoal Filters			1
2-HV-AES-2 Charcoal Filters			1
12-HV-AFX Charcoal Filters			1
2-HV-CPR Charcoal Filters			1
2-HV-CIPX Charcoal Filters			1
2-HV-ACRF Charcoal Filters			1
7. Fuel Storage			
New Fuel Storage Room*	3		

\*Shared system with D. C. COOK - UNIT 1

TABLE 3.7-5

SRRAY AND/OR SPRINKLER SYSTEMS

A. OPEN HEAD DELUGE TYPE WATER SYSTEMS

<u>LOCATION</u>	<u>ACTUATION</u>
2-HV-AES-1 Charcoal Filters	Electric-heat
2-HV-AES-2 Charcoal Filters	Electric-heat
12-HV-AFX Charcoal Filters	Electric-heat
2-HV-CPR-1 Charcoal Filters	Electric-heat
2-HV-CIPX-1 Charcoal Filters	Electric-heat
2-HV-ACRF-1 Charcoal Filters	Electric-heat

B. CLOSED HEAD SPRINKLER TYPE WATER SYSTEMS

<u>LOCATION</u>	<u>TYPE SYSTEM</u>	<u>ACTUATION</u>
Auxiliary Bldg. Cask Handling Area*	Preaction Sprinkler	Dry Pilot
Auxiliary Bldg. Drumming Area*	Preaction Sprinkler	Dry Pilot
Auxiliary Bldg. Elev 587* & 609* (Corridors, charging, safety Inj. pump rooms, laundry area)	Preaction Sprinkler	Dry Pilot
Reactor Coolant Pumps (4)	Preaction Sprinkler	Manual

\* Shared system with D. C. COOK - UNIT 1.

## PLANT SYSTEMS

### LOW PRESSURE CO<sub>2</sub> SYSTEMS

#### LIMITING CONDITION FOR OPERATION

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3.7.9.3 The low pressure CO<sub>2</sub> systems located in the areas shown in Table 3.7-6 shall be OPERABLE with a minimum level of 50% and a minimum pressure of 285 psig in the associated storage tank.

APPLICABILITY: Whenever equipment in the low pressure CO<sub>2</sub> protected areas is required to be OPERABLE.

#### ACTION:

- a. With one or more of the above required low pressure CO<sub>2</sub> systems inoperable, establish a continuous fire watch with backup fire suppression equipment for the unprotected area(s), within 1 hour. Restore the system to OPERABLE status within 14 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to OPERABLE status.
- b. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

#### SURVEILLANCE REQUIREMENTS

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4.7.9.3 Each of the above required low pressure CO<sub>2</sub> systems shall be demonstrated OPERABLE:

- a. At least once per 7 days by verifying the CO<sub>2</sub> storage tank level and pressure.
- b. At least once per 18 months by verifying:
  1. The system valves and associated ventilation dampers actuate manually and automatically, upon receipt of a simulated actuation signal, and
  2. Flow from each nozzle during a "Puff Test."

UNITED STATES NUCLEAR REGULATORY COMMISSION  
DOCKET NOS. 50-315 AND 50-316  
INDIANA AND MICHIGAN ELECTRIC COMPANY  
NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 44 to Facility Operating License No. DPR-58, and Amendment No. 26 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. 1 and 2 (the facilities) located in Berrien County, Michigan. The amendments are effective as of the date of issuance.

The amendments revise the Fire Protection Technical Specifications to reflect modifications made to the D. C. Cook Nuclear Plant and to administratively revise the Technical Specification index to add Environmental Qualification.

The applications for the amendments 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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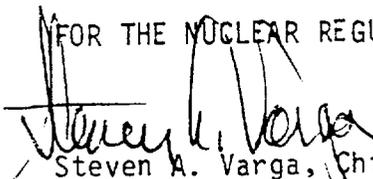
- 2 -

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.

For further details with respect to this action, see (1) the applications for amendments dated December 22, 1978, February 13, 1979 and April 9, 1980, (2) Amendment Nos. 44 and 26 to License Nos. DPR-58 and DPR-74, and (3) the Commission's related Safety Evaluation dated July 31, 1979. 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 January 1981.

FOR THE NUCLEAR REGULATORY COMMISSION

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