

MAY 14 1975

Docket No. 50-315

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

Gentlemen:

In response to your request of April 23, 1975, the Commission has issued Amendment No. 5 to Facility Operating License DPR-58 to change certain of the Technical Specifications, Appendix A of DPR-58. A signed copy of the amendment is enclosed. A copy of a related notice, which has been forwarded to the Office of the Federal Register for filing and publication, is also enclosed.

Amendment No. 5 to DPR-58 consists of Change No. 5 to the Technical Specifications. The specifications that have been changed are listed in Change No. 5.

You also requested, in Item 8 of Attachment A of your request, certain changes to Table 3/4.4-1. The staff has concluded that you have not provided enough information to permit us to evaluate the changes. Therefore, although the requested changes are in the Bases and not in the Specifications themselves, we are taking no action at this time on the changes in Item 8.

We acknowledge withdrawal of your requests represented by Items 1 and 3 of Attachment B to your request.

The staff has concluded that Change No. 5 will not present any danger to the health and safety of the public; nor will it result in

C.P.
[Signature]

OFFICE>						
SURNAME>						
DATE>						

Indiana and Michigan Electric Company
Indiana and Michigan Power Company

-2-

- (1) any significant increase in the probability of an accident or
- (ii) a significant increase in the consequences of an accident or
- (iii) a significant decrease in a safety margin.

Sincerely,

Original signed by
K. Kniel

Karl Kniel, Chief
Light Water Reactors Branch 2-2
Division of Reactor Licensing

Enclosures:

- 1. Amendment 5 to DPR-58
- 2. Staff Safety Evaluation
- 3. Federal Register Notice

ccs:

Listed on page 3

OFFICE ➤	LWR 2-2 <i>Rab</i>	LWR 2-2 <i>KK</i>	ELD <i>JUL</i> <i>J.S. COHEN</i>		
SURNAME ➤	<i>Benedict:ng</i>	<i>KKniel</i>			
DATE ➤	5/5/75	5/14/75	5/13/75		

ccs w/encl:
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Executive Office of the Governor
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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

Amendment No. 5
License No. DPR-58

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 April 23, 1975, 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; and
 - 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.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C(2) of Facility 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, are hereby incorporated in the license. The licensees shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 5."

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

FOR THE NUCLEAR REGULATORY COMMISSION:



Karl Kniel, Chief
Light Water Reactors Branch 2-2
Division of Reactor Licensing

Attachment:
Change No. 5 to the
Technical Specifications

Date of Issuance:

MAY 14 1975

CHANGE NO. 5

TO

TECHNICAL SPECIFICATIONS

DPR-58

1. In Item 1 of Table 4.3-6, page 3/4 3-47, change the Channel Functional Test frequency from "M" to "S/U,*" and add a footnote beneath the table to read "*If not performed within the prior 7 days."
2. In Table 4.4-4, page 3/4 4-31:
 - a. For Item No. 3.2, change the Method from "Visual" to "Volumetric."
 - b. For Item No. 3.4, delete the words "Visual and Volumetric" from the Method and change the Extent of Examination to read "None, there is no bolting 2 inches or larger in diameter."
 - c. For Item No. 3.5, insert the word "Visual" under Method and change the Extent of Examination to read "Cumulative 100% by end of interval."
3. For Item No. 4.5 in Table 4.4-4, page 3/4 4-32, insert the words "Visual and Volumetric" under Method and change the Extent of Examination to read "Cumulative 25% by end of interval."
4. For Item No. 5.6 in Table 4.4-4, page 3/4 4-33, change the Extent of Examination to read "Cumulative 25% by end of interval."
5. In Specification 4.8.2.3.2.b.2, change the word "changed" to "decreased."
6. In the first line of the third paragraph on page B 3/4 4-6, change "NDTT" to "RT_{NDT}."
7. Change Specification 4.5.2.b, page 3/4 5-4 to read:
 - " b. By a visual inspection which verifies that no loose debris (rags, trash, clothing, etc.) is present in the containment which could be transported to the containment sump and cause restriction of the pump suction during LOCA conditions. This visual inspection shall be performed

- (1) For all accessible areas of the containment prior to establishing containment integrity, and
- (2) Of the areas affected within containment at the completion of each containment entry when containment integrity is established."

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. 5 to Facility Operating License No. DPR-58 issued to Indiana and Michigan Electric Company and Indiana and Michigan Power Company. The amendment revises the Technical Specifications for operation of the Donald C. Cook Nuclear Plant Unit 1 located in Berrien County, Michigan, and is effective as of its date of issuance.

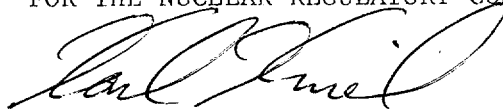
The amendment changes certain Technical Specifications to clarify their intent, to correct proofreading errors, to make specifications consistent with Standard Technical Specifications being developed for other plants, and to correct inadvertent restrictions on plant operation.

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 is not required because the amendment does not involve a significant hazards consideration.

For further details with respect to this action, see (1) the application for amendment dated April 23, 1975, (2) Amendment No. 5 to License No. DPR-58, with Change No. 5, and (3) the Commission's related safety evaluation. 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 St. Joseph Public 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 Reactor Licensing.

Dated at Bethesda, Maryland this 14th day of May, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in dark ink, appearing to read 'Karl Kniel', is written over the typed name.

Karl Kniel, Chief
Light Water Reactors Branch 2-2
Division of Reactor Licensing

SAFETY EVALUATION BY OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 5 TO LICENSE NO. DPR-58
CHANGE NO. 5 TO TECHNICAL SPECIFICATIONS
INDIANA & MICHIGAN ELECTRIC COMPANY
INDIANA & MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT, UNIT 1
DOCKET NO. 50-315

INTRODUCTION

By letter dated April 23, 1975, the licensee requested changes to the Technical Specifications for the Donald C. Cook Nuclear Plant, Unit 1. The changes, which apply to Appendix A to the license, include:

1. Changes to clarify the intent of certain specifications.
2. Changes to correct proofreading errors.
3. Changes to make specifications consistent with Standard Technical Specifications being developed for application to other plants.
4. Changes required to correct inadvertent restrictions on plant operation.

The staff's evaluation of each change is discussed below. The Item Numbers are the same as those in Attachments A and B to the licensee's April 23, 1975 request. The staff's conclusions follow the discussion.

Discussion

Licensee's Attachment A

Item 1

This change was effected in Amendment No. 4 to the license.

Item 2

The Hot Shutdown Panel (HSP) is used to control the plant after the reactor has been tripped and then only if the control room is uninhabitable. The reactor is not tripped from the HSP. The Reactor Trip Breaker Indication is a light whose function is to show that the reactor has indeed been tripped. A channel functional test of the HSP indication will cause the reactor to trip, an undesirable occurrence when the reactor is in Modes 1 or 2. The reactor trip breaker is tested periodically in accordance with the surveillance requirements associated with Specification 3.3.1.1. Performance of the HSP channel functional test prior to reactor startup is, therefore, acceptable.

Items 3, 4, 5, 7

As pointed out by the licensee, the changes merely correct proof-reading errors that were not corrected prior to the original issuance of the Technical Specifications. The changes to Items 3, 4, and 5 also make the specifications consistent with the ASME Boiler and Pressure Vessel Code.

Item 6

The requested change is acceptable. It reflects the intent of the specification that a weak battery is indicated by a decrease in specific gravity but not by an increase.

Licensee's Attachment B

Item 2

The original specification called for an inspection of the containment every 30 days whether entrance to containment had been made or not.

The change provides an inspection specification that permits accomplishing the desired results (elimination of trash that might restrict recirculation from the containment sump) without being unnecessarily restrictive on plant operation. Additionally, as noted by the licensee, the change makes the specification consistent with the Standard Technical Specifications being applied to other plants.

CONCLUSIONS

We have concluded, based on the considerations discussed above, that: (1) because the changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do 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.