

Superseded Pgs. per A-17 82 11/27/78 Gd

Question 5

Provide a commitment to implement Regulatory Guide 1.68, (November 1973) preoperational and startup testing.

Response to Question 5:

Regulatory Guide 1.68 (November 1973) will be implemented for preoperational and startup testing for Unit 2 of the Cook Nuclear Plant.

significance. These items can also involve QA Program elements. It reviews significant operating abnormalities or deviations from normal and expected performance of plant equipment that affect nuclear safety, reportable occurrences requiring notification to the Commission and reviews all recognized indications of an unanticipated deficiency in some aspect of design or operation of safety related structures, systems or components. These reviews interface the QA Program on nonconforming materials.

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The AEPSC Nuclear Safety and Design Review Committee has the responsibility to audit plant activities as stated in Technical Specification Section 6.5.2.8. Each of these cover activities required by the Quality Assurance Program to meet the criteria of Appendix "B," 10 CFR 50 at least once per 24 months.

1.7.19.2 Program

The Operation's Quality Assurance Program has been established as an integral element within the Administrative Controls for plant operation. The Program is consistent with the quality related criteria of 10 CFR 50 Appendix "B," ANSI N45.2-1971 and ANSI N18.7-1976. Administrative Controls are established for the following areas of plant organization: Managerial, Administrative, Maintenance, Operations, Quality Assurance

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within the plant is defined in PMI-7040. Changes to the "N" List cannot be unilaterally made by plant personnel. However, recommended changes can be forwarded to AEPSC Nuclear Engineering Division for consideration and approval.

The operating phase of the Quality Assurance Program began when I&M Construction completed systems and turned them over to the Plant Organization for Preoperational Testing and continues for the life of the plant.

Reference Document Commitment

The following codes, regulations, standards and Regulatory Guides are complied with in the program:

<u>Number</u>	<u>Title</u>	<u>Date</u>
10CFR50 App.B	Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants	April 30, 1976
10CFR50 App.J	Reactor Containment Leakage Testing for Water Cooled Power Reactors	October 15, 1971
10CFR50.55	Operators License	April 30, 1973
10CFR50.55.	Requalification Programs for Licensed Operators of Production and Utilization Facilities	August 17, 1973
10CFR50.55a	Codes and Standards	August 24, 1972
ANSI N18.7, 1976/ANS-3.2	Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants	
Regulatory Guide 1.8, 9/75	"Personnel Selection and Training" and N18.1 - 1971	
Regulatory Guide 1.16, 8/75	"Reporting of Operating Information"	

E 10/00/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-315/316

REC: DENTON H R
NRC

ORG: TILLINGHAST J
IN & MI PWR

DOCDATE: 09/25/78
DATE RCVD: 10/04/78

DOCTYPE: LETTER NOTARIZED: YES

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 3

FORWARDING COPY OF LATEST CERTIFIED FINANCIAL STATEMENTS FOR INDIANA &
MICHIGAN ELEC CO, AS OF 12/31/77 FOR THE TWELVE-MONTH PERIOD ENDED THAT
DATE... (INDIANA & MICHIGAN ELEC ANNUAL REPT 1977)... NOTARIZED 09/25/78.

(see report - financial statement)

PLANT NAME: COOK -- UNIT 1
COOK -- UNIT 2

REVIEWER INITIAL: XJM
DISTRIBUTER INITIAL: *RTW*

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NRC PDR**W/ENCL
H JORDAN**W/ENCL

EXTERNAL:

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ST. JOSEPH, MI**W/ENCL
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NSIC**W/ENCL
ACRS CAT B**W/O ENCL

DISTRIBUTION: LTR 7 ENCL 7
SIZE: 1P+26P

CONTROL NBR: 780680176

ap 460

***** THE END *****

10/10/93



[The body of the document contains several paragraphs of text that are extremely faint and illegible due to the quality of the scan. The text appears to be organized into multiple sections, possibly separated by headings or subheadings, but the specific content cannot be discerned.]

SEP 26 1978

INDIANA & MICHIGAN POWER COMPANY

P. O. BOX 18
BOWLING GREEN STATION
NEW YORK, N. Y. 10004

September 25, 1978
AEP:NRC:00089

Donald C. Cook Nuclear Plant Units No. 1 & 2
Docket Nos. 50-315 and 50-316
License DPR Nos. 58 & 74

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Mr. Jerome Saltzman, Chief
Antitrust & Indemnity Group

Dear Mr. Denton:

Enclosed are three (3) copies of the latest available certified financial statements for Indiana & Michigan Electric Company (showing Indiana & Michigan Electric Company and its generating subsidiary, Indiana & Michigan Power Company, consolidated) and Indiana & Michigan Power Company as of December 31, 1977 for the twelve-month period ended that date.

Very truly yours,

JT:em

Sworn and subscribed to before me
this 25th day of September, 1978
in New York County, New York

William J. Prochaska
Notary Public

John Fillingham
John Fillingham
Vice President

REGULATORY DOCKET FILE COPY

cc: (attached)

WILLIAM J. PROCHASKA
Notary Public, State of New York
No. 43-4636690
Qualified in Richmond County
Certificate filed in New York County
Commission Expires March 30, 1980

780680196

M001/S
113

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Mr. Harold R. Denton

-2-

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R. J. Vollen
D. V. Shaller-Bridgman
R. W. Jurgensen

50-315/316

REC: DENTON H R
NRC

ORG: TILLINGHAST J
IN & MI PWR

DOC DATE: 08/25/78
DATE RCVD: 08/29/78

DOCTYPE: OTHER NOTARIZED: YES

COPIES RECEIVED

SUBJECT:

LTR 3 ENCL 40

FORWARDING AMEND 81 TO THE FINAL SAFETY REPT CONSISTING OF REVISIONS TO
REFLECT THE STEAM LINE BREAK PROTECTION CHANGES, REVISIONS AND/OR ADD INFO
CONCERNING ENVIRON QUALIFICATION OF EQUIPMENT REQUIRED TO FUNCTION (LISTED)
STEAM LINE BREAK ACCIDENT AND 0

Revised 9/26/78 ef. 21.

PLANT NAME: COOK - UNIT 1
COOK -- UNIT 2

REVIEWER INITIAL: XJM

DISTRIBUTER INITIAL: W

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

NOTES:

I & E - 3 CYS ALL MATERIAL

GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LICENSE.
(DISTRIBUTION CODE A001)

FOR ACTION: BR CHIEF ORB#1 EC**W/7 ENCL

INTERNAL:

REG FILE#W/ENCL

~~1 & E**W/3 ENCL~~

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AD FOR SYS & PROJ**W/ENCL

REACTOR SAFETY BR***W/ENCL

EEB**W/ENCL

J. MCGOUGH**W/ENCL

NRC PDR**W/ENCL

OELD**LTR ONLY

CORE PERFORMANCE BR***W/ENCL

ENGINEERING BR**W/ENCL

PLANT SYSTEMS BR**W/ENCL

EFFLUENT TREAT SYS**W/ENCL

EXTERNAL:

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 * CHECK NBR: 294 *
 * AMOUNT: \$1,200.00 *
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REGULATORY DOCKET FILE COPY
INDIANA & MICHIGAN POWER COMPANY

P. O. BOX 18
BOWLING GREEN STATION
NEW YORK, N. Y. 10004

August 25, 1978
AEP:NRC: 00006

Donald C. Cook Nuclear Plant Units 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

This letter transmits forty (40) copies of Amendment No. 81 to the FSAR for the Donald C. Cook Nuclear Plant. This amendment contains the following information:

1. Revisions to reflect the steam line break protection changes.
2. Revisions and/or additional information concerning environmental qualification of equipment required to function following a steam line break accident.
 - a) Power cables
 - b) Instrument cables
 - c) Electrical penetrations
3. Revisions to reflect the temporary installation of a 345 kV autotransformer.
4. Revision to response to FSAR Question 022.15(5); Appendix Q, Amendment 78.

Please note that the information contained in item number 1 differs from the revised Steam Line Break Analysis transmitted by Westinghouse Electric Corporation in their letter AEW-7095 dated March 6, 1978. The attached pages 14.2.5-1 through 14.2.5-4 have been revised so as to indicate modifications to the steam line isolation protection logic.

782430066

App
5/40
2/2/78

Mr. Harold R. Denton

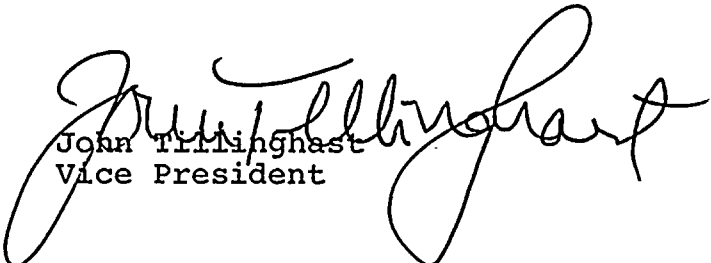
-2-

August 25, 1978

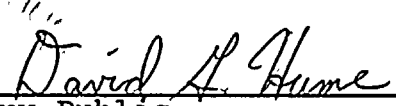
The information contained in this letter is a Class II amendment as per the provisions of 10 CFR 170.22 and, therefore, requires payment of \$1,200. A check for this amount accompanies this transmittal.

Very truly yours,

JT:em


John Tillinghast
Vice President

Sworn and subscribed to before me
this ^{25th} day of August, 1978 in
New York County, New York


Notary Public

DAVID G. HUME
NOTARY PUBLIC, State of New York
No. 31-4808113
Qualified in New York County
Commission Expires March 30, 1979.

cc: R. C. Callen
G. Charnoff
P. W. Steketee
R. J. Vollen
R. Walsh
R. W. Jurgensen
D. V. Shaller - Bridgman

BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION
DOCKET NOS. 50-315 and 50-316
OPERATING LICENSE NOS. DPR-58 AND DPR-74

IN THE MATTER OF
INDIANA & MICHIGAN POWER COMPANY AND
INDIANA & MICHIGAN ELECTRIC COMPANY

Amendment No. 81 to the Final Safety Analysis Report
for the Donald C. Cook Nuclear Plant Unit 1 Operating License
and the Donald C. Cook Nuclear Plant Unit 2 Operating License

AMENDMENT NO. 81 TO THE FINAL SAFETY ANALYSIS REPORT
FOR THE DONALD C. COOK NUCLEAR PLANT UNIT 1 OPERATING LICENSE
AND THE DONALD C. COOK NUCLEAR PLANT UNIT 2 OPERATING LICENSE

INDIANA & MICHIGAN POWER COMPANY, a Michigan Corporation, and the operator of the Donald C. Cook Nuclear Plant Unit Nos. 1 and 2 in behalf of itself and its co-permittee, INDIANA & MICHIGAN ELECTRIC COMPANY, and Indiana Corporation, hereby amends its Final Safety Analysis Report to supply the following Information:

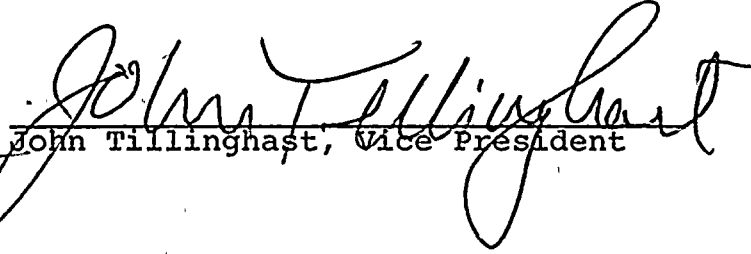
1. Revisions to reflect the steam line break protection changes.
2. Revisions and/or additional information concerning environmental qualification of equipment required to function following a steam line break accident.
 - a) Power cables
 - b) Instrument cables
 - c) Electrical penetrations
3. Revisions to reflect the temporary installation of a 345 kV autotransformer.
4. Revision to response to FSAR Question 022.15(5); Appendix Q, Amendment 78.

The applicant has caused its name to be hereunto signed to this amendment by John Tillinghast, Vice President and its corporate seal to be hereunto affixed by J. R. Burton, Secretary thereunto duly authorized this 25th day of August, 1978.

INDIANA & MICHIGAN POWER COMPANY

ATTEST:

BY


John Tillinghast, Vice President


John R. Burton, Secretary

Sworn and subscribed to before me
this 25th day of August, 1978 in
New York County, New York


Notary Public

DAVID G. HUME
NOTARY PUBLIC, State of New York
No. 31-4608113
Qualified in New York County
Commission Expires March 30, 1979.

24



DONALD C. COOK
NUCLEAR PLANT
AMENDMENT 81
INSTRUCTION SHEET

REMOVE

FRONT/BACK

14.2.5-1/14.2.5-2 ✓

14.2.5-3/14.2.5-4 ✓

022.16-3/022.16-4 ✓

022.16-5/022.16-6 ✓

022.16-7 ✓

8.1-1/8.1-2 ✓

8.1-5/8.1-6 ✓

Q8.6-1/Q8.6-2 ✓

FIG.8-1 Which Vol.?

022.15-9/022.15-10 ✓

INSERT

FRONT/BACK

14.2.5-1/14.2.5-2 ✓

14.2.5-3/14.2.5-4 ✓

022.16-3/022.16-4 ✓

022.16-5/022.16-6 ✓

022.16-7/022.16-8 ✓

8.1-1/8.1-2 ✓

8.1-5/8.1-6 ✓

Q8.6-1/Q8.6-2 ✓

FIG.8-1 Which Vol.?

022.15-9/022.15-10 ✓

