

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8005200523 DOC. DATE: 80/05/12 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
 AUTH. NAME AUTHOR AFFILIATION
 DOLAN, J.E. Indiana & Michigan Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Application to amend License DPR-58 to revise Tech Specs
 covering section 3/4.2.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4+23
 TITLE: General Distribution for after Issuance of Operating Lic

NOTES: I & E - 3 CYS ALL MATL. W/CHECK \$4000.00.

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
ACTION:	05 BC ORB #1	7 7		
INTERNAL:	01 REG FILE	1 1	02 NRC PDR	1 1
	12 I&E	2 2	15 CORE PERF BR	1 1
	17 ENGR BR	1 1	18 REAC SFTY BR	1 1
	19 PLANT SYS BR	1 1	20 EEB	1 1
	21 EFLT TRT SYS	1 1	EPB-DOR	1 1
	OELD	1 0	STS GROUP LEADR	1 1
EXTERNAL:	03 LPDR	1 1	04 NSIC	1 1
	23 ACRS	16 16		

MAY 22 1980

TOTAL NUMBER OF COPIES REQUIRED: LTTR

41

38

ENCL

40

37

APP
2

50

0244

00.10000

00.10000

00.10000

00.10000

00.10000

00.10000

00.10000

8005200 523
P

INDIANA & MICHIGAN ELECTRIC COMPANY

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

May 12, 1980
AEP:NRC:00363

Donald C. Cook Nuclear Plant Unit No. 1
Docket No. 50-315
License No. DPR-58

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

Dear Mr. Denton:

This letter and its attachments serve to request changes to the Donald C. Cook Nuclear Plant Unit No. 1 Appendix 'A' Technical Specifications. The proposed revisions will allow operation of Unit No. 1 with Exxon Nuclear Company (ENC) power distribution control procedures. These changes are based on ENC Topical Reports XN-NF-77-57 and XN-NF-77-57 Supplement 1, previously submitted by ENC to the NRC, which described the ENC recommended generic procedure for controlling axial power distribution.

All of the proposed changes contained herein have been reviewed and approved by the Plant Nuclear Safety Review Committee and the AEPSC Nuclear Safety and Design Review Committee. These reviews indicate that in no instance will the proposed changes adversely affect the health and safety of the public.

This application for Technical Specification revision is considered to be a Class III License Amendment as per the provisions of 10 CFR 170.22. As required by Part 170, Subsection 22, a check in the amount of \$4,000.00 accompanies this submittal.

Very truly yours,

John E. Dolan
John E. Dolan
Vice President

Attachment

cc: R. C. Callen
G. Charnoff
D. V. Shaller - Bridgman
R. S. Hunter
R. W. Jurgensen

A001
S
1/1
w/check:
\$4000.00

THE UNIVERSITY OF CHICAGO
LIBRARY

The proposed Technical Specifications contained in Attachment 'B' to this submittal will allow operation of D. C. Cook Unit No. 1 with Exxon Nuclear Company (ENC) power distribution control procedures. Technical Specification pages 3/4 2-1 through 3/4 2-7, 3/4 2-8(a), 3/4 2-15 through 3/4 2-18, B3/4 2-2, and B3/4 2-6, have been revised to reflect the ENC procedures. A copy of the entire Technical Specification Section 3/4.2 has been included in Attachment 'B' for completeness. The requested revisions are marked with a vertical line in the right hand margin.

The proposed revisions continue to reflect exposure dependent F_0 limits. Included in the proposed revisions are: (1) determination of axial flux difference every 31 effective full power days in conjunction with the measurement of F_0 , (2) limiting condition for and application of the variation function $V(Z)$, and (3) a curve of $V(Z)$ as a function of core height.

Upon approval of this request, page 3/4 2-21 (Figure 3.2-4) would be deleted from the Technical Specifications.

ATTACHMENT 'A' TO AEP:NRC:00363

ATTACHMENT 'B' TO AEP:NRC:00363