

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: Mr. Edson G. Case		FROM: Indiana & Michigan Pwr Co. New York, N.Y. 10004 John Tillinghast		DATE OF DOCUMENT 05/30/78
				DATE RECEIVED 06/07/78
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DESCRIPTION Notarized 05/30/78... 3p	ENCLOSURE Forwarding info re results of qualification testing performed in conformance with IEEE 323-1971 requirements for all elect terminations in all safety-related circuits inside containment for postulated steamline break and/or loss of coolant accident conditions...w/att repts as listed...w/15 enclosures including 1050p 4 Attachments. (see reports)
PLANT NAME : COOK UNITS 1 & 2 jcm 06/13/78 Dist PER M. MLYNCZAK 6/12/78	

SAFETY		FOR ACTION/INFORMATION		ENVIRONMENTAL	
ASSIGNED AD:	LTR	VASSALLO		ASSIGNED AD:	V. MOORE (LTR)
BRANCH CHIEF:		KNIEL		BRANCH CHIEF:	
PROJECT MANAGER:		MLYNCZAK		PROJECT MANAGER:	
LIC. ASST:	LTR	J. LEE		LIC. ASST:	
					B. HARLESS

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REG FILES		SYSTEMS SAFETY	PLANT SYSTEMS
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I & E (2)		SCHROEDER LTR	BENAROYA
OELD LTR			LAINAS
GOSSICK & STAFF		ENGINEERING	IPPOLITO
HANAUER		KNIGHT	F. ROSA
WIPC		BOSNAK	ENVIRON TECH
CASE		SIHWEIL	ERNST
BOYD		PAWLICKT	OPERATING REACTORS
			STELLO
			EISENHUT LTR
PROJECT MANAGEMENT		REACTOR SAFETY	SHAQ
SKOVHOLT		ROSS	BAER
P. COLLINS		NOVAK	BUTLER
HOUSTON		ROSZTOCZY	GRIMES
MELTZ		CHECK	SITE ANALYSIS
HELTEMES			VOLLMER
SK		AT & I	BUNCH
		SALTZMAN	J. COLLINS
		RUTBERG	KREGER

EXTERNAL DISTRIBUTION		CONTROL NUMBER
LPDR: ST JOSEPH	NAT LAB:	781640029
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NSIC		
REG V (J. HANCHETT)		
16 CYS SENT CATEGORY	B TO ACRS	

INDIANA & MICHIGAN POWER COMPANY

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

May 30, 1978
AEP:NRC: 00007

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

Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Case:

This letter is transmitted in fulfillment of license condition 4.B of Amendment No. 4 to Operating License No. DPR-74 which requires that the Indiana & Michigan Power Company provide for NRC staff review the results of qualification testing performed in conformance with IEEE 323-1971 requirements for all electrical terminations in all safety-related circuits inside containment for postulated steamline break and/or loss of coolant accident conditions.

Attachment No. 1 to this letter further amplifies information presented in our April 21, 1978 letter to you and was discussed with members of your staff on April 28, 1978. This attachment includes the following reports:

- (1) Instrumentation Cable/Penetration Wire Interface in Cook Nuclear Plant Unit 2 Safety-Related Circuits Inside the Containment.
- (2) Control Terminal Blocks Inside Containment.
- (3) Continental Wire Company - Instrumentation Cable.

These reports include a specific description of Samuel Moore Cable. Information concerning justification of a 60×10^6 rad integrated dose in the pipe tunnel was also requested by your staff. A final report on this item is currently under preparation and will be transmitted to you shortly.

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May 30, 1978

Attachment No. 2 to this letter is a summary of all environmental qualification for safety-related equipment and terminations that has been done to date.

Attachment No. 3 to this letter includes all test reports concerning environmental qualification of equipment.

Attachment No. 4 to this letter is a photograph of floodup tubing at an electrical instrumentation penetration.

Very truly yours,

John Tillinghast
John Tillinghast
Vice President

JT:em

Sworn and subscribed to before me
this 30th day of May, 1978 in
New York County, New York

Kathleen Barry
Notary Public

KATHLEEN BARRY
NOTARY PUBLIC, State of New York
No. 41-4606792
Qualified in Queens County
Certificate filed in New York County
Commission expires March 30, 1977

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

May 30, 1978

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