

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8801150245 DOC. DATE: 88/01/12 NOTARIZED: NO DOCKET #  
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH. NAME AUTHOR AFFILIATION  
 ALEXICH, M. P. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards final seismic analysis rept, "Crane Seismic Rept,  
 Cask Handling Crane, 150/20 Ton Capacity, S/N 12115," Vols I &  
 II. Analysis for new auxiliary bldg. crane to meet single-  
 failure-proof requirements of NUREG-0554.

DISTRIBUTION CODE: <sup>SEE REPTS.</sup> A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2+300  
 TITLE: OR Submittal: General Distribution

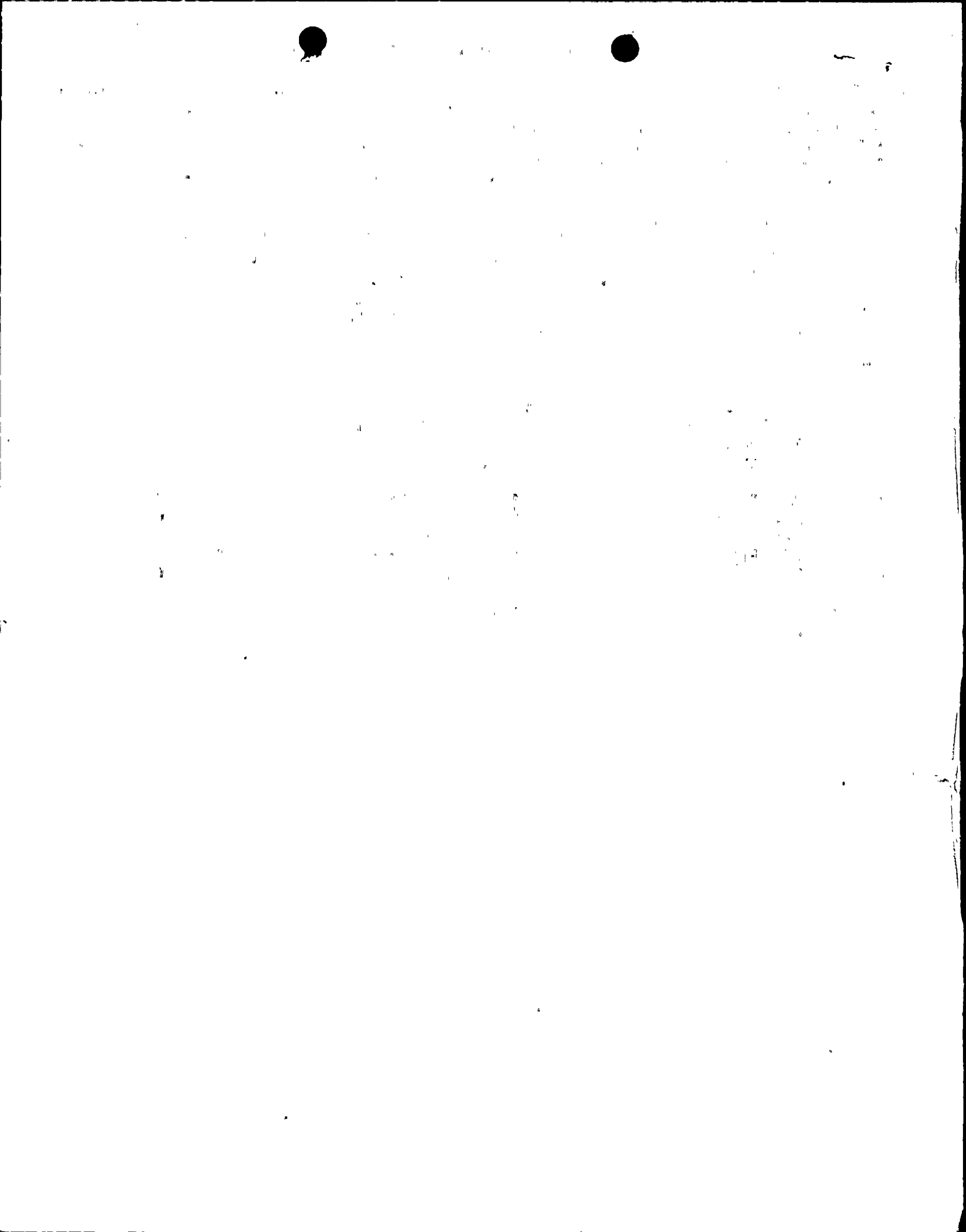
NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME		LTTR	ENCL
	PD3-3 LA		1	0		PD3-3 PD		5	2*
	WIGGINGTON, D.		1	1 *					
INTERNAL:	ARM/DAF/LFMB		1	0		NRR/DEST/ADS		1	1
	NRR/DEST/CEB		1	1		NRR/DEST/MTB		1	1
	NRR/DEST/RSB		1	1		NRR/DOEA/TSB		1	1
	NRR/PMAS/ILRB		1	1		OGC/HDS1		1	0
	<u>REG FILE</u> 01		1	1 *		RES/DE/EIB		1	1
EXTERNAL:	LPDR		1	1 *		NRC PDR		1	1 *
	NSIC		1	1 *					

Limited  
 Dist.

\* - w/ Encl

6



Indiana Michigan  
Power Company  
P.O. Box 16631  
Columbus, OH 43216



AEP:NRC:0980H

Donald C. Cook Nuclear Plant Unit 2  
Docket No. 50-316  
License No. DPR-74  
NEW AUXILIARY BUILDING CRANE  
FINAL SEISMIC ANALYSIS REPORT

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

ATTN: T. E. Murley

January 12, 1988

Dear Dr. Murley:

Enclosed, as requested by your staff, is one copy of the final seismic analysis report entitled, "Crane Seismic Report, Cask Handling Crane, 150/20 Ton Capacity, S/N 12115," Volumes I and II dated September 9, 1987, performed by Whiting Corporation. This analysis is for the new auxiliary building crane being built to meet the single-failure-proof requirements of NUREG-0554.

This final seismic analysis, which confirms the conclusions of the preliminary seismic analysis provided in Supplement 1 of the Steam Generator Repair Report, demonstrates that the allowable stresses of the principal structural components of the new crane are not exceeded during a design-basis earthquake with a 60 ton load on the main hook.

8801150245	880112
PDR	ADOCK 05000316
P	PDR

*Accol Limited  
Dept*

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Sincerely,



M. F. Alexich  
Vice President

lp

cc: John E. Dolan  
W. G. Smith, Jr. - Bridgman  
R. C. Callen  
G. Bruchmann  
G. Charnoff  
NRC Resident Inspector - Bridgman - w/attachments  
A. B. Davis - Region III-w/attachments

