

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO:
Mr. Benard G. Rusche

FROM:
Indiana & Michigan Power Company
New York, N. Y.
G. P. Maloney

DATE OF DOCUMENT
4/1/77
DATE RECEIVED
4/4/77

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DESCRIPTION
Ltr. re our 2/4/77 ltr.....trans the following:
ACKNOWLEDGED
DO NOT REMOVE
PLANT NAME:
Cook Unit 1 & 2
RJL
(2-P)

ENCLOSURE
Supplement No. 4 to Environmental Report and Report on the Impact of Cooling Water use
(See report)
Note: 3 cys of "Rpt on the Impact of Cooling Water Use" rec'd & sent to EPM Co. (40 cys encl rec'd)
(1&1/2")

SAFETY		FOR ACTION/INFORMATION		ENVIRO	
ASSIGNED AD:				ASSIGNED AD:	<i>V. Moore (LW)</i>
BRANCH CHIEF:				BRANCH CHIEF:	<i>Knighon (LW)</i>
PROJECT MANAGER:	<i>Fletcher</i>			PROJECT MANAGER:	<i>Cota</i>
LIC. ASST. :				LIC. ASST. :	<i>Slater</i>

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILE		SYSTEMS SAFETY	PLANT SYSTEMS
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<input checked="" type="checkbox"/> OELD Ltr			LAINAS
GOSSICK & STAFF		ENGINEERING	IPPOLITO
MIPC		MACARRY	KIRKWOOD
CASE		BOSNAK	
<input checked="" type="checkbox"/> HANAUER		SIHWEL	OPERATING REACTORS
<input checked="" type="checkbox"/> HARLESS		PAWLICKI	STELLO
			SITE SAFETY & ENVIRO ANALYSIS
PROJECT MANAGEMENT		REACTOR SAFETY	DENTON & MULLER
BOYD		ROSS	ENVIRO TECH.
P. COLLINS		NOVAK	ERNST
HOUSTON		ROSZTOCZY	BALLARD
PETERSON		CHECK	YOUNGBLOOD
MELTZ			
HELTEMES		AT & I	SITE TECH.
SKOVHOLT		SALTZMAN	GAMMILL
		RUTBERG	STEPP
			HULMAN
			SITE ANALYSIS
			VOLLMER Ltr
			BUNCH
			J. COLLINS
			KREGER

EXTERNAL DISTRIBUTION			CONTROL NUMBER
<input checked="" type="checkbox"/> LPDR: <i>St Joseph</i>	<input checked="" type="checkbox"/> NAT. LAB: <i>ANL (4)</i>	BROOKHAVEN NAT. LAB.	770950116 <i>ENVI</i> <i>60</i>
<input checked="" type="checkbox"/> TIC:	REG V.IE	ULRIKSON (ORNL)	
<input checked="" type="checkbox"/> NSIC:	LA PDR		
ASLB:	CONSULTANTS:		
ACRS CYS HOLDING/SENT			



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INDIANA & MICHIGAN POWER COMPANY

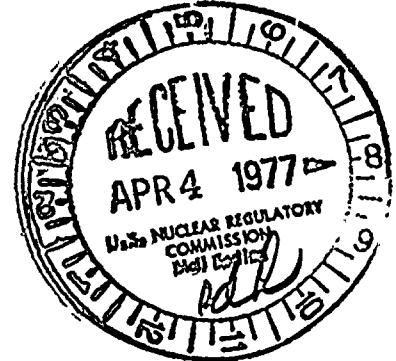
P. O. BOX 18
BOWLING GREEN STATION
NEW YORK, N. Y. 10004

REGULATORY SECRET FILE COPY

April 1, 1977

Donald C. Cook Nuclear Plant Unit Nos. 1 & 2
Docket Nos. 50-315 and 50-316
DPR No. 58 and CPPR No. 61

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



Dear Mr. Rusche:

We are today transmitting 40 copies, under separate cover, of Supplement No. 4 to the Environmental Report for Donald C. Cook Nuclear Plant prepared in accordance with the guidelines provided in the letter dated February 4, 1977 from Mr. Voss A. Moore, Assistant Director for Environmental Projects at the Nuclear Regulatory Commission. This supplement contains:

1. An update of status of approvals, permits and licenses.
2. An updated analysis of the need for the plant.
3. An updated description of the operational environmental monitoring programs.
4. Summary and analysis of previously unreported environmental data for the Cook station, including results of the operational monitoring programs for Unit 1.
5. A discussion of design changes of possible environmental significance.

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STATE OF TEXAS

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TO THE HONORABLE THE ATTORNEY GENERAL

FROM THE

STATE OF TEXAS

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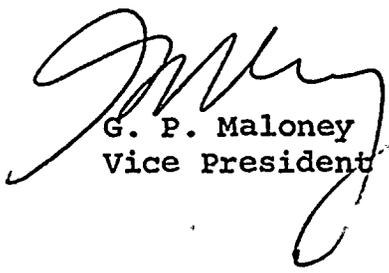
STATE OF TEXAS

- 6. A description of any other changes in conditions that are of possible environmental significance (such as changes in regional demography predictions and land use).
- 7. An updated discussion of socio-economic impact.

Supplement 4 shows that, since the publication of the AEC's Final Environmental Statement in August 1973, the operation of Unit 2 continues to be needed; our environmental monitoring program has uncovered no adverse effects on the environment from Unit 1 operation; the changes that have been made to the plant design improve the environmental performance of the plant.

In further support of the conclusion of no adverse environmental impact of Cook Nuclear Plant operation, we are also transmitting, herewith, three copies of the "Report on the Impact of Cooling Water Use at the Donald C. Cook Nuclear Plant" which is referenced in Section 4 of Supplement 4 to the Environmental Report.

Very truly yours,

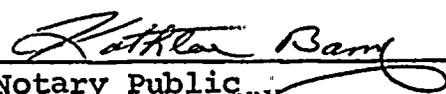


G. P. Maloney
Vice President

*OK
7/8/77*

GM:mam

Sworn and subscribed to before me this 1st day of April 1977 in New York County, New York


 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, 1979

- cc: G. Charnoff
 R. C. Callen
 P. W. Steketee
 R. J. Vollen
 R. Walsh
 R. W. Jurgensen - Bridgman
 R. S. Hunter

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