

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ENV/1

ACCESSION NBR: 8004150509 DOC DATE: 80/04/03 NOTARIZED: NO DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH NAME AUTHOR AFFILIATION  
 HUNTER, R.S. Indiana & Michigan Electric Co.  
 RECIP NAME RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation

SUBJECT: Forwards ETA Engineering, Inc Mar 1980, "Summary Report  
 Comparing Thermal Plume Measurements w/Modeling Predictions"  
 & facility NPDES permit

(see 50-315)  
 DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2 + 63  
 TITLE: General Distribution for after Issuance of Operating Lic

NOTES: I & E - 3 CTS OF ALL MATL

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
ACTION:	05 BC ORBA#1	7 7		
INTERNAL:	01 REG FILE	1 1	02 NRC PDR	1 1
	12 I&E	2 2	15 COPE 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	EPR-DOR	1 1
	OFLD	1 0	STS GROUP LEADR	1 1
			QAB	1 1
EXTERNAL:	03 LPDR	1 1	04 NSIC	1 1
	23 ACRS	16 16	ENV SPEC BR	1 1
	NATLAB ANL	2 2	RAD ASMT BR	1 1
			AD/SITE ALYS	1 1
			DIRECTOR DSE	1 1

APR 18 1980

TOTAL NUMBER OF COPIES REQUIRED: LTR

48  
41  
38

ENCL

47  
40  
37

GD  
Enviro

# INDIANA & MICHIGAN ELECTRIC COMPANY

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

April 3, 1980  
AEP:NRC:00170A

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74  
Subject: Thermal Plume Mapping

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 transmit the information requested by your Staff during a telephone conversation held on January 21, 1980.

Attachment 1 is a summary report of the thermal plume monitoring efforts and provides a comparison of the measurements with model predictions. The attachment also contains justification for not requiring any further measurements in order to validate the analytical model.

Attachment 2 is a copy of the facility's NPDES Permit (No. MI 0005827) which was also requested by your Staff. Pages 7 through 9 of Attachment 2 discuss the requirements for thermal plume studies. It should be noted that even though the said permit expired on October 31, 1979, it is the most current permit and is still in effect. We have applied for a renewal of this permit in a timely manner, in May of 1979, however, the renewal process by the Michigan Water Resources Commission is still ongoing. The renewed permit, when it becomes available, will be at the facility for inspection by your Staff.

Based on the documentation presented herein, we believe that we have furnished all the information requested by your Staff and we, therefore, request you to amend your records to indicate that the facility has fulfilled all the requirements under Section 4.1.1.2 of its Appendix B Technical Specification.

A001  
S  
1/1

8004150 509

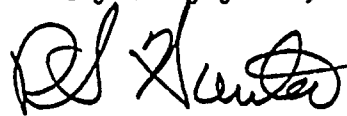
Mr. H. R. Denton, Director

-2-

AEP:NRC:00170A

Please be advised that this submittal is only furnishing additional information for the completion of review of the request for license amendment presented to you in our letter AEP:NRC:00170 which also included the required fee for this License Amendment. Therefore, no additional check accompanies this submittal.

Very truly yours,



R. S. Hunter  
Vice President

RSH:em

Attachments

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