



INDIANA & MICHIGAN POWER COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106

A. J. Janssen

August 4, 1976

Mr. J.G. Keppler, Regional Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137



Operating License DPR-58
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of Appendix A Technical Specifications and the United States Nuclear Regulatory Commission Regulatory Guide 1.16, Revision 4, Section 2.b, the following report is submitted:

RO 50-315/76-30.

Sincerely,

R.W. Jurgensen

For R.W. Jurgensen
Plant Manager

/bab

cc: R.S. Hunter
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LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME										LICENSE NUMBER										LICENSE TYPE					EVENT TYPE	
01	M	I	D	C	C	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3		
7	8	9				14	15									25	26					30	31	32		

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER										EVENT DATE					REPORT DATE				
01	CONT	L	L	0	5	0	-	0	3	1	5	0	7	0	5	7	6	0	8	0	4	7	6
7	8	57	58	59	60	61						68	69			74	75					80	

EVENT DESCRIPTION

02	WHILE IN MODE 5; DURING ICE CONDENSER INLET DOOR OPENING TORQUE SURVEILLANCE TESTING, IT	80
03	WAS FOUND THAT THERE WAS AN ICE BUILDUP AT THE BOTTOM OF 2 LOWER INLET DOORS, BAY 3	80
04	RIGHT HAND DOOR AND BAY 5 LEFT DOOR. THIS CONDITION CAUSED THE INITIAL OPENING FORCE TO	80
05	BE IN EXCESS OF TECHNICAL SPECIFICATIONS PARAGRAPH 4.6.5.3.1.b 1 and 2.	80
06	(R0-50-315/76-30)	80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION		
07	S	B	F	X	X	X	X	X	N	W	1	2	0	N
7	8	9	10	11	12				43	44			47	48

CAUSE DESCRIPTION

08	SEE SUPPLEMENT.	80
09		80
10		80

FACILITY STATUS		% POWER	OTHER STATUS		METHOD OF DISCOVERY	DISCOVERY DESCRIPTION			
11	G	0	0	0	NA	B	SURVEILLANCE TESTING		
7	8	9	10	12	13	44	45	46	80

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE	AMOUNT OF ACTIVITY		LOCATION OF RELEASE		
12	Z	Z	NA		NA		
7	8	9	10	11	44	45	80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION				
13	0	0	0	Z	NA	
7	8	9	11	12	13	80

PERSONNEL INJURIES

NUMBER	DESCRIPTION				
14	0	0	0	NA	
7	8	9	11	12	80

PROBABLE CONSEQUENCES

15	NA	80
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LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION			
16	Z	NA		
7	8	9	10	80

PUBLICITY

17	NA	80
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ADDITIONAL FACTORS

18	SEE SUPPLEMENT	80
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19		80
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NAME: J.L. RISCHLING

PHONE: (616) 465-5901(368)

SUPPLEMENT TO REPORTABLE OCCURRENCE RO 50-315/76-30

SUPPLEMENT TO CAUSE DESCRIPTION

On the Bay 3 right door, the ice accumulation was removed and the door surface cleaned. The door seal was replaced with an improved design which in the past has proven very effective in reducing air leakage, which in turn reduces the amount of condensation and resultant ice buildup.

During an outage in April, 1976, the original door seal on the Bay 5 left door was replaced with an experimental prototype seal utilizing two sealing lips. The inspection during the July, 1976, outage indicated that the air pocket between the seal lips tends to form a nearly static air pocket which increases the ice formation from air leakage into this air pocket volume. The ice accumulation was removed from both the seal and door frame and the seal-to-door contacting surface was cleaned. To prevent this problem from reoccurring, the lower seal retainer was adjusted to permit improved seal contact in the areas of icing.

ADDITIONAL FACTORS

Technical Specification 4.6.5.3.1.b inspections for the first year of operation have been completed and the 18 month interval now applies. However, as a result of finding ice buildup on the doors, this inspection will be conducted again during or before the next refueling outage which is currently planned for late 1976.



10-10-10

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