

UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

INDIANA AND MICHIGAN ELECTRIC COMPANY

DOCKET NO. 50-315

DONALD C. COOK NUCLEAR PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 34 License No. DPR-58

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The applications for amendment by Indiana and Michigan Electric Company (the licensee) dated February 3, 1978 and March 7, 1979, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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- Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-58 is hereby amended to read as follows:
 - (2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 34, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

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A. Schwencer, Chief Operating Reactors Branch #1 Division of Operating Reactors

Attachment: Changes to the Technical Specifications

Date of Issuance: December 7, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 34

FACILITY OPERATING LICENSE NO. DPR-58

DOCKET NO. 50-315

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided for document completeness.

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Pages

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D. C. Cook - Unit 1

VALV	E NUMBER	FUNCTION	TESTABLE DURING PLANT OPERATION	ISOLATION TIME IN SECONDS
<u>B.</u>	PHASE "B" ISOLATION	(Continued)	-	
9.	WCR-901	NESW to Low Containment Vent #1	Yes	10
10.	WCR-903	NESW from Low Containment Vent #1	Yes	10
11.	WCR-905	NESW to Low Containment Vent #2	Yes	10
12.	WCR-907	NESW from Low Containment Vent #2	Yes	10
13.	WCR-909	NESW to Low Containment Vent #3	Yes	10
14.	WCR-911	NESW from Low Containment Vent #3	. Yes	10
15.	WCR-913	NESW to Low Containment Vent #4	Yes	10
16.	WCR-915	NESN from Low Containment Vent #4	Yes	10
17.	WCR-921	NESW to Up Containment Vent #1	Yes	10
18.	WCR-923	NESW from Up Containment Vent #1	Yes	10
19.	WCR-925	NESW to Up Containment Vent #2	Yes	10
20.	WCR-927	NESN from Un Containment Vent #2	Yes	10
21.	WCR-929	NESW to Up Containment Vent #3	Yes	10
22.	WCR-931	NESW from Up Containment Vent #3	Yes	· 10
23.	WCR-933	NESW to Up Containment Vent #4	Yes	10
24.	NCR-935	NESW from Up Containment Vent #4	Yes	10
25.	WCR-945	NESW from RCP Motor Air Cooler	Yes	10
26.	WCR-946	NESW from RCP Motor Air Cooler	Yes	10
27.	WCR-947	NESW from RCP Motor Air Cooler	Yes	10
28.	WCR-948	NESW from RCP Motor Air Cooler	Yes	10
29.	WCR-951	NESW to RCP Motor Air Cooler Vent #1	Yes	10
30.	WCR-952	NESN to RCP Motor Air C.oler Vent #2	Yes	10
31.	WCR-953	NESW to RCP Motor Air Cooler Vent #3	Yes	10
32.	WCR-954	NESW to RCP Motor Air Cooler Vent #4	Yes	10
33.	WCR-955	NESW from RCP Motor Air Cooler Vent #1	Yes	10
34.	WCR-956	NESN from RCP Motor Air Cooler Vent #2.	Yes	10
35.	WCR-957	NESW from RCP Motor Air Cooler Vent #3	Yes	10
36.	WCR-958	NESW from RCP Motor Air Cooler Vent #4	Yes	10

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TABLE 3.6-1 (Continued)					
VALVE NUMBER F		FUNCTION	TESTABLE DURING PLANT OPERATION	ISOLATION TIME IN SECONDS	
<u>B.</u>	PHASE "B" 1	SOLATION (Continued)			
37.	WCR-961	NESW to Instr. Rm. East Vent	Yes	10	
38.	WCR-963	NESW from Instr. Rm. West Vent	Yes	10	
39.	WCR-965	NESW to Instr. Rm. East Vent	- Yes	10	
40.	WCR-967	NESW from Instr. Rm. West Vent	. Yes	10	
41.	WCR-902	NESW from Lower Containment Vent #1	Yes	10	
42.	WCR-906	NESW from Lower Containment Vent #2	Yes	10	
43.	WCR-910	NESW from Lower Containment Vent #3	Yes	10	
44.	WCR-914	NESW from Lower Containment Vent #4	Yes	10	
45.	WCR-922	NESN from Upper Containment Vent #1	Yes	10	
46.	WCR-926	NESW from Upper Containment Vent #2	Yes	° 10	
47.	WCR-930	NESW from Upper Containment Vent #3	Yes	10	
48.	WCR-934	NESW from Upper Containment Vent #4	Yes	10	
49.	WCR-962	NESW from Instrument Room East Vent	Yes	10	
50.	WCR-966	NESW from Instrument Room West Vent	Yes	10	
<u>C.</u>	CONTAINMENT	PURGE AND EXHAUST			
1.	VCR-101	Instr. Room Purge Air Inlet	Yes	5	
2.	VCR-102	Instr. Room Purge Air Outlet	Yes	5	
3.	VCR-103	Lower Comp. Purge Air Inlet	Yes	5	
4.	VCR-104	Lower Comp. Purge Air Outlet	Yes	5	
5.	VCR-105	Upper Comp. Purge Air Inlet	Yes	5、	
6.	VCR-106	Upper Comp. Purge Air Outlet	Yes	5 -	
7	VCR-107*	Cont. Press. Relief Fan Isolation	Yes	5	
	-			-	
8.	VCR-201	Instr. Room Purge Air Inlet	Yes	5	
8. 9.	VCR-201 VCR-202	Instr. Room Purge Air Inlet Instr. Room Purge Air Outlet	Yes Yes	- 5 - 5	
8. 9. 10.	VCR-201 VCR-202 VCR-203	Instr. Room Purge Air Inlet Instr. Room Purge Air Outlet Lower Comp. Purge Air Inlet	Yes Yes Yes	- 5 5 5	

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Amenchent No. 34

			TESTABLE DURING	ISOLATION TIME
VAL	VE NUMBER	FUNCTION	PLANT OPERATION	IN SECONDS
<u>D.</u>	MANUAL ISOLAT	TION VALVES ⁽¹⁾ (Continued)		
21.	CCR-440	CCW from Main Steam Penetration	Yes	NA
22.	CCR-441	CCW from Main Steam Penetration	Yes	NA
23.	MCM-221	Main Steam to Auxiliary Feed Pump	No	NA
24.	MCM-231	Main Steam to Auxiliary Feed Pump	· No	NA
25.	CCM-430	CCW to East Pressure Equalization Fan	Yes	NA
26.	CCM-431	CCW from East Pressure Equalization Fan	Yes	NA
27.	CCM-432	CCW to West Pressure Equalization Fan	Yes	NA
28.	CCM-433	CCW from West Pressure Equalization Fan	Yes	NA
29.	SM-8*	Upper Containment Sample	Yes	NA
30.	SM-10*	Upper Containment Sample	Yes	NA
31.	SM-4*	Instrument Room Sample	Yes	NA
32.	SM-6*	Instrument Room Sample	Yes	NA

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TABLE 3.6-1 (Continued)

NA - Manual Valve-Isolation time not applicable.
(1) - Includes motor operated valves which do not isolate automatically.
* - May be opened on an intermittent basis under administrative control.

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VALV	E NUMBER	FUNCTION PLANT OF	E DURING	ISOLATION TIME IN SECONDS
<u>c.</u>	CONTAINMENT P	PURGE AND EXHAUST (Continued)		۲
12.	VCR-205	Upper Comp. Purge Air Inlet	Yes	5
13.	VCR-206	Upper Comp. Purge Air Outlet	Yes	5
14.	VCR-207*	Cont. Press Relief Fan Isolation	Yes	5
<u>D.</u>	MANUAL ISOLAT	TION VALVES(1)		
1.	ICM-111	RHR to RC Cold Legs	Yes	NA
2.	ICM-129	RHR Inlet to Pumps	· · No	NA
3.	ICM-250	Boron Injection Inlet	Yes	NA
4.	ÍCM-251	Boron Injection Inlet	Yes	NA
5.	ICM-260	Safety Injection Inlet	Yes	NA
6.	ICM-265	Safety Injection Inlet	Yes	NA
7.	ICM-305	RHR Suction from Sump	Yes	NA
8.	ICM-306	RHR Suction from Sump	Yes	NA
9.	ICM-311	RHR to RC Hot Legs	Yes	, NA
10.	ICM-321	RHR to RC Hot Legs	Yes	NA
11.	DH-209	Demineralized Nater Supply for Refueling Cav	ity Yes	(HA
12.	DW-210.	Demineralized Water Supply for Refueling Cav	ity Yes	NA NA
13.	NPX 151 VI	Dead Weight Tester	Yes	NA NA
14.	PA 145*	Containment Service Air	NO Voc	NA NA
15.	SF-151*	Refueling Water Supply	Yeş	NA: NA
16.	SF-153*	Refueling Water Supply	1es	NA NA
17.	SF-159	Refueling Cavity Urain to Purification Syste	m Yes	ΝΛ
18.	SF-160	Refueling Cavity Urain to Purification Syste	Win Tes	NΛ
19.	SI-171	Safety Injection lest Line	Vac	. ΗΛ ΝΛ
20	SI-172	Accumulator lest Line	165	na -

D. C. CNOK-UNIT 1

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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

INDIANA AND MICHIGAN ELECTRIC COMPANY

DOCKET NO. 50-316

DONALD C. COOK NUCLEAR PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 15 License No. DPR-74

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The applications for amendment by Indiana and Michigan Electric Company (the licensee) dated February 3, 1978 and March 7, 1979, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

- Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-74 is hereby amended to read as follows:
 - (2) <u>Technical Specifications</u>

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 15, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

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A. Schwencer, Chief Operating Reactors Branch #1 Division of Operating Reactors

Attachment: Changes to the Technical Specifications

Date of Issuance: December 7, 1979

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ATTACHMENT TO LICENSE AMENDMENT NO. 15

FACILITY OPERATING LICENSE NO. DPR-74

DOCKET NO. 50-316

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. Revised pages are identified by Amendment number and contain vertical lines.indicating the area of change. Corresponding overleaf pages are also provided to maintain document completeness.

Pages

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CONTAINMENT ISOLATION VALVES

VAL	VE_NUMBER	FUNCTION	ISOLATION TIME IN SECONDS
C.	CONTAINMENT PURGE AND EXHAU	ST (Continued)	
	6. VCR-106	Upper Comp. Purge Air Outlet	<u><</u> 5 -
	7. VCR-107*	Cont. Press. Relief Fan Isolation	<u><</u> 5
	8. VCR-201	Instr. Room Purge Air Inlet	<u><</u> 5
	9. VCR-202	Instr. Room Purge Air Outlet	<u><</u> 5
	10. VCR-203	Lower Comp. Purge Air Inlet	<u><</u> 5
	11. VCR-204	Lower Comp. Purge Air Outlet	<u><</u> 5
	12. VCR-205	Upper Comp. Purge Air Outlet	<u><</u> 5 .
	13. VCR-206	Upper Comp. Purge Air Outlet	<u><</u> 5
	14. VCR-207*	Cont. Press Relief Fan Isolation	<u><</u> 5
D.	MANUAL ISOLATION VALVES (1)		•
	1. 1CM-111#	RHR to RC Cold Legs	` NA _
	2. 1CM-129	RHR Inlet to Pumps	· NA

D. C . COOK - UNIT 2

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Amendment No. 15

CONTAINMENT ISOLATION VALVES

VAI.	VALVE NUMBER		FUNCTION	ISOLATION TIME IN SECONDS	
В.	PHA	<u>SL_"B"_ISOLATION</u> (Continue	d)		
	45.	WCR-922	NESW from Upper Containment Vent #1	<u><</u> 10	
	46.	WCR-926	NESW from Upper Containment Vent #2	<u><</u> 10	
	47.	WCR-930	NESW from Upper Containment Vent #3	<u><</u> 10	
	48.	WCR-934	NESW from Upper Containment Vent #4	<u><</u> 10	
	- 49.	WCR-962	NESW from Instrument Room East Vent	<u><</u> 10	
-	50.	WCR-966	NESW from Instrument Room West Vent	<u><</u> 10	
C.	<u>CON</u>	TAINMENT PURGE AND EXHAUST	. •		
	1.	VCR-101	Instr. Room Purge Air Inlet	<u><</u> 5	
	2.	VCR-102	Instr. Room Purge Air Outlet	<u><</u> 5	
	-3.	VCR-103	Lower Comp. Purge Air Inlet	<u><</u> 5	
	4.	VCR-104	Lower Comp. Purge Air Outlet	<u><</u> 5	
	5.	VCR-105	Upper Comp. Purge Air Inlet	<u><</u> 5	

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