UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

INDIANA MICHIGAN POWER COMPANY

DOCKET NO. 50-315

DONALD C. COOK NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 179
License No. DPR-58

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Indiana Michigan Power Company (the licensee) dated November 17, 1993, 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.

2. 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:

   Technical Specifications

   The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 179 , 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Timothy G. Colburn for

Ledyard B. Marsh, Director
Project Directorate III-1
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 7, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 179

TO FACILITY OPERATING LICENSE NO. DPR-58

DOCKET NO. 50-315

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change.

REMOVE	INSERT
3/4 3-63	3/4 3-63
3/4 3-64	3/4 3-64
3/4 3-66	3/4 3-66
3/4 3-67	3/4 3-67

TABLE 3.3-13

Radioactive Gaseous Effluent Monitoring Instrumentation

Instrument (Instrument #)	Minimum Channels Operable	Applicability	ACTION
1. Waste Gas Holdup System Explosive Gas Monitoring System[3]			
a. Hydrogen Monitor (QC-1400)	(1)	**	30
b. Oxygen Monitor (QC-1400, QC-370)	(2)	**	29
2. Condenser Evacuation System			
a. Noble Gas Activity Monitor (SRA-1905)	(1)	****	28
b. Flow Rate Monitor(SFR-401)	(1)	****	27
(1-MR-054 and/or SRA-1910)	(1)	****	27
3. Unit Vent. Auxiliary Building Ventilation System			
a. Noble Gas Activity Monitor (VRS-1505)	(1)	*	28
b. Iodine Sampler Cartridge for VRS-1503	(1)	*	32
c. Particulate Sampler Filter for VRS-1501	(1)	*	32
d. Effluent System Flow Rate Measuring Device (VFR-315)	(1)	*	27
(1-MR-054 and/or VRS-1510)	(1)	*	27
e. Sampler Flow Rate Measuring Device (VFS-1521)	(1)	*	27
4. Containment Purge System			
a. Aux. Building Vent. System Noble Gas Activity Monitor (VRS-1505)	(1)	****[1]	31
b. Aux. Building Vent. System Particulate Sampler for VRS-1501	(1)	****	32
5. Waste Gas Holdup System			
a. Noble Gas Activity Monitor Providing Alarm and Termination of Gas Decay Tank Releases (VRS-1505)	(1)	****[2]	33

TABLE 3.3-13 (Cont)

Instrument (Instrument #)	Minimum Channels Operable	Applicability	ACTION
6. Gland Seal Exhaust			
a. Noble Gas Activity Monitor (SRA-1805)	(1)	****	28
b. Flow Rate Monitor(SFR-201)	(1)	****	27
(1-MR-054 and/or SRA 1810)	(1)	****	27

* At all times
** During waste gas holdup system operation (treatment for primary system gases)
**** During releases via this pathway

[1]For purge purposes only. See Technical Specifications 3.3.3.10, Table 3.3-13 and Table 4.3-9 (Items 3.a, 5.a in both tables) for non-purging requirements associated with this instrument.

[2]For gas decay tank releases only, see Item 3 (Unit Vent, Auxiliary Building Ventilation System) for additional requirements.

[3]The waste gas holdup system explosive gas monitoring system may be inoperable for up to 160 days on a one-time basis for the purpose of replacing one oxygen monitor. During this time grab samples for oxygen are to be taken and analyzed every 12 hours.

TABLE 4.3-9

Radioactive Gaseous Effluent Monitoring Instrumentation

Surveillance Requirements

Instrument (Instrument #)	CHANNEL CHECK	SOURCE CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST
1. Waste Gas Holdup System Explosive Gas Monitoring System				
a. Hydrogen Monitor (QC-1400)	D***	NA	Q(3)	M
b. Oxygen Monitor (QC-1400)	D***	NA	Q(4)	M
c. Oxygen**** Monitor(Alt.,QC-370)	D***	NA	Q(4)	M
2. Condenser Evacuation System				
a. Noble Gas Activity Monitor (SRA-1905)	D**	M	R(2)	Q(1)
b. System Effluent Flow Rate (SFR-401, 1-MR-054, SRA-1910)	D**	NA	R	Q
3. Auxiliary Building Ventilation System				
a. Noble Gas Activity Monitor (VRS-1505)	D*	M	R(2)	Q(1)
b. Iodine Sampler (For VRS-1503)	W*	NA	NA	NA
c. Particulate Sampler (For VRS-1501)	W*	NA	NA	NA
d. System Effluent Flow Rate Measurement Device (VFR-315, 1-MR-054, VRS-1510)	D*	NA	R	Q
e. Sampler Flow Rate Measurement Device (VFS-1521)	D*	NA	R	Q
4. Containment Purge System				
a. Aux. Building Vent. System Noble Gas Activity Monitor (VRS-1505)	D**	P	R(2)	Q(1)
b. Aux. Building Vent. System Particulate Sampler (For VRS-1501)	W**	NA	NA	NA

TABLE 4.3-9 (Continued)

Instrument (Instrument #)	CHANNEL CHECK	SOURCE CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST
5. Waste Gas Holdup System				
a. Noble Gas Activity Monitor Providing Alarm & Termination of Gas Decay Tank Releases (VRS-1505)	P**	P	R(2)	Q(5)
6. Gland Seal Exhaust				
a. Noble Gas Activity (SRA-1805)	D**	M	R(2)	Q(1)
b. System Effluent Flow Rate (SFR-201, 1-MR-054, SRA-1810)	D**	NA	R	Q

* At all times.
** During release via this pathway.
*** During waste gas holdup system operation (treatment for primary system offgases)
**** These surveillances are not required during the 160-day period in which this monitor is being replaced.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

INDIANA MICHIGAN POWER COMPANY

DOCKET NO. 50-316

DONALD C. COOK NUCLEAR PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 163
License No. DPR-74

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Indiana Michigan Power Company (the licensee) dated November 17, 1993, 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.

2. 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:

   Technical Specifications

   The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 163 , 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Timothy A. Colburn for

Ledyard B. Marsh, Director
Project Directorate III-1
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 7, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 163

FACILITY OPERATING LICENSE NO. DPR-74

DOCKET NO. 50-316

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change.

REMOVE	INSERT
3/4 3-59	3/4 3-59
3/4 3-60	3/4 3-60
3/4 3-62	3/4 3-62
3/4 3-63	3/4 3-63

TABLE 3.3-13

Radioactive Gaseous Effluent Monitoring Instrumentation

Instrument (Instrument #)	Minimum Channels Operable	Applicability	ACTION
1. Waste Gas Holdup System Explosive Gas Monitoring System[3]			
a. Hydrogen Monitor (QC-1400)	(1)	**	30
b. Oxygen Monitor (QC-1400, QC-370)	(2)	**	29
2. Condenser Evacuation System			
a. Noble Gas Activity Monitor (SRA-2905)	(1)	****	28
b. Flow Rate Monitor (SFR-401)	(1)	****	27
(2-MR-054 and/or SRA-2910)	(1)	****	27
3. Unit Vent, Auxiliary Building Ventilation System			
a. Noble Gas Activity Monitor (VRS-2505)	(1)	*	28
b. Iodine Sampler Cartridge for VRS-2503	(1)	*	32
c. Particulate Sampler Filter for VRS-2501	(1)	*	32
d. Effluent System Flow Rate Measuring Device (VFR-315)	(1)	*	27
(2-MR-054 and/or VRS-2510)	(1)	*	27
e. Sampler Flow Rate Measuring Device (VFS-2521)	(1)	*	27
4. Containment Purge System			
a. Aux. Building Vent System Noble Gas Activity Monitor (VRS-2505)	(1)	****[1]	31
b. Aux. Building Vent. System Particulate Sampler for VRS-2501	(1)	****[1]	32
5. Waste Gas Holdup System			
a. Noble Gas Activity Monitor Providing Alarm and Termination of Gas Decay Tank Releases (VRS-2505)	(1)	****[2]	33

TABLE 3.3-13 (Cont)

Instrument (Instrument #)	Minimum Channels Operable	Applicability	ACTION
6. Gland Seal Exhaust			
a. Noble Gas Activity Monitor (SRA-2805)	(1)	****	28
b. Flow Rate Monitor (SFR-201)	(1)	****	27
(2-MR-054 and/or SRA 2810)	(1)	****	27

* At all times.
** During waste gas holdup system operation (treatment for primary system gases)
**** During releases via this pathway.

1 For purge purposes only, see Technical Specifications 3.3.3.10, Table 3.3-13 and Table 4.3-9 (Items 3.a, 5.a in both tables) for non-purging requirements associated with this instrument.

2 For gas decay tank releases only, see Item 3 (Unit Vent, Auxiliary Building Ventilation System) for additional requirements.

3 The waste gas holdup system explosive gas monitoring system may be inoperable for up to 160 days on a one-time basis for the purpose of replacing one oxygen monitor. During this time grab samples for oxygen are to be taken and analyzed every 12 hours.

TABLE 4.3-9

Radioactive Gaseous Effluent Monitoring Instrumentation
Surveillance Requirements

Instrument (Instrument #)	CHANNEL CHECK	SOURCE CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST
1. Waste Gas Holdup System Explosive Gas Monitoring System				
a. Hydrogen Monitor (QC-1400)	D***	NA	Q(3)	M
b. Oxygen Monitor (QC-1400)	D***	NA	Q(4)	M
c. Oxygen**** Monitor (Alt. QC-370)	D***	NA	Q(4)	M
2. Condenser Evacuation System				
a. Noble Gas Activity Monitor (SRA-2905)	D**	M	R(2)	Q(1)
b. System Effluent Flow Rate (SFR-401, 2-MR-054, SRA-2910)	D**	NA	R	Q
3. Auxiliary Building Ventilation System				
a. Noble Gas Activity Monitor (VRS-2505)	D*	M	R(2)	Q(1)
b. Iodine Sampler (For VRS-2503)	W*	NA	NA	NA
c. Particulate Sampler (For VRS-2501)	W*	NA	NA	NA
d. System Effluent Flow Rate Measurement Device (VFR-315, 2-MR-054, VRS-2510)	D*	NA	R	Q
e. Sampler Flow Rate Measurement Device (VFS-2521)	D*	NA	R	Q
4. Containment Purge System				
a. Aux. Building Vent. System Noble Gas Activity Monitor (VRS-2505)	D**	P	R(2)	Q(1)
b. Aux. Building Vent System Particulate Sampler (For VRS-2501)	W**	NA	NA	NA

TABLE 4.3-9 (Cont)

Instrument (Instrument #)	CHANNEL CHECK	SOURCE CHECK	CHANNEL CALIBRATION	CHANNEL FUNCTIONAL TEST
5. Waste Gas Holdup System				
a. Noble Gas Activity Monitor Providing Alarm & Termination of Gas Decay Tank Releases (VRS-2505)	P**	P	R(2)	Q(5)
6. Gland Seal Exhaust				
a. Noble Gas Activity (SRA-2805)	D**	M	R(2)	Q(1)
b. System Effluent Flow Rate (SFR-201, 2-MR-054, SRA-2810)	D**	NA	R	Q

* At all times
** During release via this pathway
*** During waste gas holdup system operation (treatment for primary system offgases)
**** These surveillances are not required during the 160-day period in which this monitor is being replaced.