

Box 10, 50-266

OCT - 5 1970

Wisconsin Electric Power Company  
Attention: Mr. John G. Quale  
President  
231 West Michigan Street  
Milwaukee, Wisconsin 53201

Gentlemen:

Facility Operating License No. DFR-24, with appended Technical Specifications, is enclosed. The license authorizes Wisconsin Electric Power Company and Wisconsin Michigan Power Company to operate the Point Beach Nuclear Plant Unit No. 1 at steady state power levels not to exceed 1518 megawatts (thermal) in accordance with the provisions of the license and Technical Specifications appended thereto. A copy of a related notice which has been forwarded to the Office of the Federal Register for publication is also enclosed.

Two signed copies of Amendment No. 1 to Indemnity Agreement No. B-41, which covers the activities authorized under License No. DFR-24 are enclosed for your review and acceptance. Please sign and return one copy of the amendment to this office.

Sincerely,

Original Signed by  
Peter A. Morris

Peter A. Morris, Director  
Division of Reactor Licensing

- Enclosures:
1. Lic. No. DFR-24 w/Tech Specs *separate section*
  2. Federal Register Notice
  3. Amendment No. 1 to Indemnity Agreement No. B-41

DATE					
SURNAME					
OFFICE					

Wisconsin Electric Power Company -- 2 --  
Wisconsin Michigan Power Company

OCT - 5 1970

cc: John K. Babbitt, Vice President &  
General Manager  
Wisconsin Michigan Power Company  
807 South Oneida Street  
Appleton, Wisconsin 54911

Robert H. Gorske, General Counsel  
Wisconsin Electric Power Company &  
Wisconsin Michigan Power Company  
231 West Michigan Street  
Milwaukee, Wisconsin 53201

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D. Nussbaumer, DML

\*Docket File

DR Reading

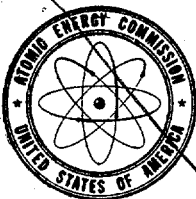
DRL Reading

PWR-1 Reading

N. Blunt

\*w/T.S.

OFFICE ▶	RL:PWR	RL:PWR-1	RL:PWR-1	RL:PWR	OGC	RL
	x7411 <i>mb</i>	<i>KK</i>	<i>DM</i>	<i>DM</i>	<i>OGC</i>	<i>M</i>
SURNAME ▶	Blunt:lm	Kniel	Muller	DeYoung		Morris
DATE ▶	8/10/70	8/11/70	10/8/11/70	10/8/11/70	10/8/24/70	10/8/5/70



*Superseded page per  
Tached memo.*

UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

WISCONSIN ELECTRIC POWER COMPANY

WISCONSIN MICHIGAN POWER COMPANY

DOCKET NO. 50-266

FACILITY OPERATING LICENSE

License No. DPR-24

The Atomic Energy Commission (the Commission) having found that:

- a. The application for facility license filed by Wisconsin Electric Power Company and Wisconsin Michigan Power Company, dated March 12, 1969, as amended by Supplements Nos. 1 through 10, thereto, dated September 2, 1969, January 19, 1970, February 11, 1970, March 13, 1970, April 2, 1970, April 7, 1970, April 21, 1970, June 5, 1970, June 17, 1970, and July 27, 1970, respectively, complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter 1; and
- b. Construction of the Point Beach Nuclear Plant Unit No. 1 (the facility) has been substantially completed, in conformity with Provisional Construction Permit No. CPPR-21, as amended, the application as amended, the provisions of the Act, and the rules and regulations of the Commission; and
- c. The facility will operate in conformity with the application as amended, the provisions of the Act, and the rules and regulations of the Commission; and
- d. There is reasonable assurance (i) that the activities authorized by the operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the regulations of the Commission set forth in 10 CFR Chapter 1; and
- e. The applicants are technically and financially qualified to engage in the activities authorized by this operating license, in accordance with the regulations of the Commission set forth in 10 CFR Chapter 1; and

MEMO ROUTE SLIP		See me about this.	For recurrence.	For action.
Form AEC-93 (Rev. May 14, 1947) CM 0240		Note and return.	For signature.	For information.
TO (Name and unit) <i>Docket file 016</i>	INITIALS	REMARKS Please substitute the attached first page of License No. DPR-24 for the one which you previously received.		
	DATE			
TO (Name and unit)	INITIALS	REMARKS This corrects a typographical error in paragraph b. line 3, "CPR-21" should read "CPR-32."		
	DATE			
TO (Name and unit)	INITIALS	REMARKS  <i>50-266</i>		
	DATE			
FROM (Name and unit) <i>Original signed by Nan M. Blunt Nan M. Blunt Licensing Assistant PWR, DRL</i>		REMARKS		
PHONE NO.		DATE <i>10-8-70</i>		

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1968 O-294-619

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-266

WISCONSIN ELECTRIC POWER COMPANY

WISCONSIN MICHIGAN POWER COMPANY

NOTICE OF ISSUANCE OF FACILITY OPERATING LICENSE

Notice is hereby given that in accordance with the Notice of Proposed Issuance of Facility Operating License published in the FEDERAL REGISTER on July 15, 1970, 35 F.R. 11329, the Atomic Energy Commission (the Commission) has issued Facility Operating License DPR-24 to Wisconsin Electric Power Company and Wisconsin Michigan Power Company (the applicants) authorizing the licensees to possess, use, and operate the Point Beach Nuclear Plant Unit No. 1, a pressurized water nuclear reactor, on the applicants' site in the Town of Two Creeks, Manitowoc County, Wisconsin. The license authorizes the applicants to operate the reactor at steady state thermal power levels not to exceed 1518 megawatts, in accordance with the provisions of the license and the Technical Specifications (Appendix A) appended thereto.

Following the publication of the Notice of Proposed Issuance a request by Mr. John F. Wilson and Mr. Vance J. Van Laanen, both of Green Bay, Wisconsin, for leave to intervene and for a hearing in this matter was received on August 14, 1970. This request for both leave to intervene and a hearing was withdrawn on October 5, 1970. No other petitions for leave to intervene have been filed nor have the applicants requested a hearing.

The Commission has inspected the facility and has determined that it has been constructed in accordance with the application, as amended, and the provisions of Provisional Construction Permit No. CPPR-32, as amended. The Commission has made the findings which are set forth in the license, and has concluded that the issuance of the license will not be inimical to the common defense and security or to the health and safety of the public.

The facility operating license was issued as proposed except for the revisions of subparagraphs 2.B. and 2.C. of the conditions and requirements of the license to reflect (a) authorization of receipt, possession, and storage, of 75 milligrams of uranium 238 and 120 milligrams of neptunium 237 as contained in sealed dosimeters, previously licensed by Amendment No. 1 to special nuclear material License No. SNM-1155, and (b) additional byproduct material licensed by Amendment No. 4 to byproduct material License No. 48-13334-01.

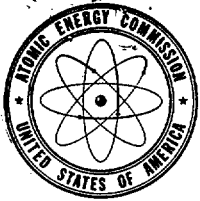
A copy of License No. DPR-24, complete with Technical Specifications, is available for public inspection at the Commission's Public Document Room at 1717 H Street, N.W., Washington, D. C. Copies of the license may be obtained upon request addressed to the Atomic Energy Commission, Washington, D. C. 20545, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this *5<sup>th</sup>* day of *October*, 1970.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by  
Peter A. Morris

Peter A. Morris, Director  
Division of Reactor Licensing



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

DOCKET NO. 50-266

FACILITY OPERATING LICENSE

License No. DPR-24

The Atomic Energy Commission (the Commission) having found that:

- a. The application for facility license filed by Wisconsin Electric Power Company and Wisconsin Michigan Power Company, dated March 12, 1969, as amended by Supplements Nos. 1 through 10, thereto, dated September 2, 1969, January 19, 1970, February 11, 1970, March 13, 1970, April 2, 1970, April 7, 1970, April 21, 1970, June 5, 1970, June 17, 1970, and July 27, 1970, respectively, complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter 1; and
- b. Construction of the Point Beach Nuclear Plant Unit No. 1 (the facility) has been substantially completed, in conformity with Provisional Construction Permit No. CPPR-32, as amended, the application as amended, the provisions of the Act, and the rules and regulations of the Commission; and
- c. The facility will operate in conformity with the application as amended, the provisions of the Act, and the rules and regulations of the Commission; and
- d. There is reasonable assurance (i) that the activities authorized by the operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the regulations of the Commission set forth in 10 CFR Chapter 1; and
- e. The applicants are technically and financially qualified to engage in the activities authorized by this operating license, in accordance with the regulations of the Commission set forth in 10 CFR Chapter 1; and

- f. The applicable provisions of 10 CFR Part 140 have been satisfied; and
- g. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public.

Facility Operating License No. DPR-24 is hereby issued to Wisconsin Electric Power Company and Wisconsin Michigan Power Company as follows:

1. This license applies to the Point Beach Unit No. 1 facility, a closed cycle, pressurized, light water moderated and cooled reactor, and associated steam generators and electric generating equipment (the facility). The facility is located on the applicant's Point Beach site, in the Town of Two Creeks, Manitowoc County, about 90 miles north-northeast of Milwaukee, Wisconsin, and is described in the application as amended.
2. Subject to the conditions and the requirements incorporated herein, the Commission hereby licenses the applicants:
  - A. Pursuant to Section 104b of the Atomic Energy Act of 1954, as amended (the Act), and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility as a utilization facility at the designated location on the Point Beach site;
  - B. Pursuant to the Act and 10 CFR Part 70, "Special Nuclear Material," to receive, possess, and use at any one time up to 1400 kilograms of U-235 contained in reactor fuel assemblies, 40 milligrams of U-235 contained in fission detectors, 80 grams of encapsulated plutonium as a Pu-Be-neutron source, 75 milligrams of U-238, and 120 milligrams of Np-237 as contained in sealed dosimeters, all in connection with operation of the facility.
  - C. Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Material," to receive, possess, and use in connection with operation of the facility two sources of Cobalt 60, not to exceed 60 microcuries each, one source of Cobalt 60 not to exceed 2.341 curies, 4 sources of Cobalt 60 not to exceed 10 microcuries each, one millicurie of Cobalt 60 and one millicurie of Cesium 137 in any form, one curie of Krypton 85 in gaseous form, two polonium-Beryllium neutron sources, one containing 216 curies of Polonium 210 and the other containing 220 curies of Polonium 210, both as sealed sources.



- D. Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not to separate, such byproduct and special nuclear material as may be produced by operation of the facility.
- 3. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations: 10 CFR Part 20, Section 30.34 of 10 CFR Part 30, Section 40.41 of 10 CFR Part 40, Sections 50.54 and 50.59 of 10 CFR Part 50, and Section 70.32 of 10 CFR Part 70; and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified below:
  - A. Maximum Power Level

The applicants are authorized to operate the facility at steady state power levels not in excess of 1518 megawatts (thermal).
  - B. Technical Specifications

The Technical Specifications contained in Appendix A attached hereto are hereby incorporated in this license. The applicants shall operate the facility at steady state power levels not in excess of 1518 megawatts thermal in accordance with the Technical Specifications, and may make changes therein only when authorized by the Commission in accordance with the provisions of Section 50.59 of 10 CFR Part 50.
  - C. Reports

The applicants shall make certain reports in accordance with the requirements of the Technical Specifications.
  - D. Records

The applicants shall keep facility operating records in accordance with the requirements of the Technical Specifications.

4. The applicants shall observe such standards and requirements for the protection of the environment as are validly imposed pursuant to authority established under Federal and State law and as are determined by the Commission to be applicable to the facility covered by this operating license. This condition does not apply to (a) radiological effects since such effects are dealt with in other provisions of the operating license or (b) matters of water quality covered by Section 21 (b) of the Federal Water Pollution Control Act.
5. This license is effective as of the date of issuance, and shall expire at midnight July 19, 2007.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by  
Peter A. Morris

Peter A. Morris, Director  
Division of Reactor Licensing

Attachment:  
Appendix A-Technical  
Specifications

Date of Issuance: OCT 5 1970