

NOV 4 1977

Dockets Nos. 50-266  
and 50-301

Wisconsin Electric Power Company  
Wisconsin Michigan Power Company  
ATTN: Mr. Sol Burstein  
Executive Vice President  
231 West Michigan Street  
Milwaukee, Wisconsin 53201

Gentlemen:

The Commission has issued the enclosed Amendments Nos. <sup>29</sup> and <sup>33</sup> to Facility Operating Licenses Nos. DPR-24 and DPR-27 for the Point Beach Nuclear Plant, Units Nos. 1 and 2. The amendments consist of changes to the Technical Specifications and are in accordance with your application dated June 1, 1977.

These amendments to the Environmental Technical Specifications allow temporary suspension of the nonradiological environmental monitoring program, required by Specification 16.5, upon completion of the fifth year of monitoring (October 1977).

We have also concluded that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

*Const. 1*  
*60*

OFFICE →						
SURNAME →						
DATE →						

Copies of the Environmental Impact Appraisal and Notice of Issuance and Negative Declaration are enclosed.

Sincerely,

Original signed by

George Lear, Chief  
 Operating Reactors Branch #3  
 Division of Operating Reactors

Enclosures:

1. Amendment No. to License DPR-24
2. Amendment No. to License DPR-27
3. Environmental Impact Appraisal
4. Notice of Issuance and Negative Declaration

cc:  
 See next page

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Wisconsin Electric Power Company  
Wisconsin Michigan Power Company

- 2 -

cc:

Mr. Bruce Churchill, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N. W.  
Washington, D. C. 20036

Mr. Norman Clapp, Chairman  
Public Service Commission  
of Wisconsin  
Hill Farms State Office Building  
Madison, Wisconsin 53702

Mr. Arthur M. Fish  
Document Department  
University of Wisconsin -  
Stevens Point Library  
Stevens Point, Wisconsin 54481

Wisconsin Electric Power Company  
ATTN: Mr. Glen Reed  
Manager, Nuclear Power Division  
Point Beach Nuclear Plant  
231 West Michigan Street  
Milwaukee, Wisconsin 53201

Chief, Energy Systems Analysis Branch (AW-459)  
Office of Radiation Programs  
U. S. Environmental Protection Agency  
Room 645, East Tower  
401 M Street, S. W.  
Washington, D. C. 20460

U. S. Environmental Protection Agency  
Federal Activities Branch  
Region V Office  
ATTN: EIS COORDINATOR  
230 S. Dearborn Street  
Chicago, Illinois 60604

Walter L. Meyer  
Town Chairman  
Town of Two Creeks, Wisconsin  
Route 3, Two Rivers, Wisconsin 54241



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

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

DOCKET NO. 50-266

POINT BEACH NUCLEAR PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 29  
License No. DPR-24

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Wisconsin Electric Power Company and Wisconsin Michigan Power Company (the licensees) dated June 1, 1977, 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 3.B. of Facility Operating License No. DPR-24 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 29, are hereby incorporated in the license. The licensees 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

*for Stanley J. Kowalski*  
George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: November 4, 1977

ATTACHMENT TO LICENSE AMENDMENT NO. 29

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-24

DOCKET NO. 50-266

Replace the following pages of the Appendix "B" Technical Specifications with the enclosed pages. The revised page is identified by Amendment number and contains vertical lines indicating the area of change.

Remove

16.5-3

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Replace

16.5-3

16.5-4 (new)

4. The results of the five years of monitoring through October 1977 are to be analyzed and compared to preoperational and historical data to assess trends in environmental impact over the period of the study; and a summary report is to be submitted to the NRC by June 30, 1978. The licensee may temporarily suspend the monitoring program described in Specification 16.5 when the fifth year of the environmental surveillance program is completed, pending NRC's review of the summary report. The results of that review will require either that (1) no further monitoring under Specification 16.5 will be required, (2) a modified program to either increase or decrease the present scope of surveillance will be required, or (3) resumption of the existing program will be required.

#### Basis

The Environmental Surveillance and Evaluation Program is of much broader scope than the monitoring program discussed in Section 16.4 and is designed to provide quantitative information on any effects which may result from Point Beach plant operation.

Measurement of the vertical profiles of the lake water physical and chemical characteristics will provide a determination of the physical and chemical spatial effects resulting from natural occurrences and from plant operations. This information may be correlated with plume study information, meteorological measurements, and the condenser intake and discharge temperatures to define, on a statistically acceptable basis, any variations in the biological environment which could be caused by plant operation. Performance of these measurements under various plant operating conditions will provide a measure of the effect of plant operation on the lake biological environment.

Each biological measurement collected will be associated, as far as practicable, with a simultaneous set of chemical and physical measurements.

The first four annual reports of the program were reviewed by the Wisconsin Department of Natural Resources (DNR). DNR recommended that this facility be exempted from the thermal mixing zone requirements on the basis that their review indicated that the existing thermal discharge will not endanger the propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on Lake Michigan. On this basis, and on the basis of our brief review of the same reports the program may be suspended until the summary report is reviewed. On the basis of the information available to us we conclude that it is not likely that further monitoring will be required. Should more monitoring be required the amount of information lost because of the temporary suspension will not be of significance for the purposes of the long-term impact assessment.



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

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

DOCKET NO. 50-301

POINT BEACH NUCLEAR PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 33  
License No. DPR-27

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Wisconsin Electric Power Company and Wisconsin Michigan Power Company (the licensees) dated June 1, 1977, 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 3.B. of Facility Operating License No. DPR-27 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 33, are hereby incorporated in the license. The licensees 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

*for Stanley J. Nowicki*  
George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: November 4, 1977

ATTACHMENT TO LICENSE AMENDMENT NO. 33

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-27

DOCKET NO. 50-301

Replace the following pages of the Appendix "B" Technical Specifications with the enclosed pages. The revised page is identified by Amendment number and contains vertical lines indicating the area of change.

Remove

16.5-3

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Replace

16.5-3

16.5-4

4. The results of the five years of monitoring through October 1977 are to be analyzed and compared to preoperational and historical data to assess trends in environmental impact over the period of the study; and a summary report is to be submitted to the NRC by June 30, 1978. The licensee may temporarily suspend the monitoring program described in Specification 16.5 when the fifth year of the environmental surveillance program is completed, pending NRC's review of the summary report. The results of that review will require either that (1) no further monitoring under Specification 16.5 will be required, (2) a modified program to either increase or decrease the present scope of surveillance will be required, or (3) resumption of the existing program will be required.

#### Basis

The Environmental Surveillance and Evaluation Program is of much broader scope than the monitoring program discussed in Section 16.4 and is designed to provide quantitative information on any effects which may result from Point Beach plant operation.

Measurement of the vertical profiles of the lake water physical and chemical characteristics will provide a determination of the physical and chemical spatial effects resulting from natural occurrences and from plant operations. This information may be correlated with plume study information, meteorological measurements, and the condenser intake and discharge temperatures to define, on a statistically acceptable basis, any variations in the biological environment which could be caused by plant operation. Performance of these measurements under various plant operating conditions will provide a measure of the effect of plant operation on the lake biological environment.

Each biological measurement collected will be associated, as far as practicable, with a simultaneous set of chemical and physical measurements.

The first four annual reports of the program were reviewed by the Wisconsin Department of Natural Resources (DNR). DNR recommended that this facility be exempted from the thermal mixing zone requirements on the basis that their review indicated that the existing thermal discharge will not endanger the propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on Lake Michigan. On this basis, and on the basis of our brief review of the same reports the program may be suspended until the summary report is reviewed. On the basis of the information available to us we conclude that it is not likely that further monitoring will be required. Should more monitoring be required the amount of information lost because of the temporary suspension will not be of significance for the purposes of the long-term impact assessment.



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

ENVIRONMENTAL IMPACT APPRAISAL BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENTS NOS. 29 AND 33 TO DPR-24 AND DPR-27

WISCONSIN ELECTRIC POWER COMPANY

WISCONSIN MICHIGAN POWER COMPANY

POINT BEACH NUCLEAR PLANT UNITS NOS. 1 AND 2

DOCKETS NOS. 50-266 AND 50-301

Description of Proposed Action

By letter dated June 1, 1977, Wisconsin Electric Power Company requested a change to the Environmental Technical Specifications (ETS) appended to Facility Operating License Nos. DPR-24 and DPR-27 for the Point Beach Nuclear Plant Units Nos. 1 and 2. This proposed change would allow termination of the nonradiological environmental monitoring program, required by Specification 16.5, upon completion of the fifth year of monitoring (October 1977). We have modified the licensees' request to: (1) provide for reinstatement of the monitoring program if our review of the final summary report indicates that this is appropriate, and (2) require that the licensees submit a final summary report by June 30, 1978. The licensees have agreed to these modifications.

Evaluation

The current Specification 16.5 calls for "An intensive Non-Radiological Environmental Surveillance Program will be conducted for at least five calendar years". The five year program will be completed on October 30, 1977.

- The first four annual reports of this monitoring program, submitted to the NRC in accordance with the requirements of the Technical Specifications, were reviewed by the Wisconsin Department of Natural Resources (DNR). DNR recommended that the Point Beach Nuclear Plant be exempted from thermal mixing zone requirements on the basis that the existing thermal discharge

will not endanger the propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on Lake Michigan. On the basis of the DNR review and on the basis of a brief review by the NRC of the results of the first four annual reports submitted to date which indicate no significant effects on the aquatic biota (i.e., significant changes in reproduction, migration patterns, growth rates, species diversity, etc.), we are allowing the program to be temporarily suspended until the final summary report is submitted and reviewed. If the NRC's review of the final summary report indicates further monitoring is required, the licensees will be notified to continue the program in Specification 16.5 or to continue a modified version of that program. On the basis of the information available to us we conclude that it is not likely that further monitoring will be required. Should more monitoring be required, the amount of information lost because of the temporary suspension will not be of significance for the purpose of a long-term impact assessment. Since a temporary suspension of the program will not cause increased environmental impact, we find the modified proposal to be acceptable.

#### Conclusion and Basis for Negative Declaration

On the basis of the foregoing analysis, it is concluded that there will be no significant environmental impact attributable to the proposed action other than has already been predicted and described in the Commission's FES for the Point Beach Nuclear Plant Units Nos. 1 and 2. Having made this conclusion the Commission has further concluded that no environmental impact statement for the proposed action need be prepared and that a negative declaration to this effect is appropriate.

Dated: November 4, 1977

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKETS NOS. 50-266 AND 50-301

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

AND NEGATIVE DECLARATION

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments Nos. 29 and 33 to Facility Operating Licenses Nos. DPR-24 and DPR-27 issued to Wisconsin Electric Power Company and Wisconsin Michigan Power Company, which revised Technical Specifications for operation of the Point Beach Nuclear Plant Units Nos. 1 and 2, located in the town of Two Creeks, Manitowoc County, Wisconsin. The amendments are effective as of the date of issuance.

These amendments to the Environmental Technical Specifications allow temporary suspension of the nonradiological environmental monitoring program, required by Specification 16.5, upon completion of the fifth year of monitoring (October 1977).

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has prepared an environmental impact appraisal for the revised Technical Specifications and has concluded that an environmental impact statement for this particular action is not warranted because there will be no environmental impact attributable to the action other than that which has already been predicted and described in the Commission's Final Environmental Statement for the facility dated May 1972.

For further details with respect to this action, see (1) the application for amendment dated June 1, 1977, (2) Amendments Nos. 29 and 33 to Licenses Nos. DPR-24 and DPR-27, (3) the Commission's related letter dated November 4, 1977 and (4) the Commission's Environmental Impact Appraisal. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the University of Wisconsin - Stevens Point Library, ATTN: Mr. Arthur M. Fish, Stevens Point, Wisconsin 54481. A copy of items (2), (3) and (4) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland this 4 day of November 1977.

FOR THE NUCLEAR REGULATORY COMMISSION



Stanley J. Nowicki, Acting Chief  
Operating Reactors Branch #3  
Division of Operating Reactors