

March 24, 1998

Mr. Michael B. Sellman  
Chief Nuclear Officer  
Wisconsin Electric Power Company  
231 West Michigan Street  
Milwaukee, WI 53201

SUBJECT: POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 - ISSUANCE OF  
AMENDMENTS RE: HEALTH PHYSICS MANAGER QUALIFICATION  
(TAC NOS. M96261 AND M96262)

Dear Mr. Sellman:

The Commission has issued the enclosed Amendment Nos. 183 and 187 to Facility Operating License Nos. DPR-24 and DPR-27 for the Point Beach Nuclear Plant, Units 1 and 2, respectively. The amendments consist of changes to the Technical Specifications (TS) in response to your application dated November 17, 1995, as supplemented on July 29, 1996, and December 15, 1997.

These amendments allow the Health Physicist to fulfill the TS requirements previously specified for the Health Physics Manager.

A copy of our related Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,  
ORIGINAL SIGNED BY  
Linda L. Gundrum, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket Nos. 50-266 and 50-301

Enclosures: 1. Amendment No. 183 to DPR-24  
2. Amendment No. 187 to DPR-27  
3. Safety Evaluation

cc w/encls: See next page

DISTRIBUTION: See attached page

DOCUMENT NAME: G:\WPDOCS\PTBEACH\PTB96261.AMD \*See previous concurrence

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Mr. Michael B. Sellman  
Wisconsin Electric Power Company

Point Beach Nuclear Plant  
Unit Nos. 1 and 2

cc:

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March 1997

DATED: March 24, 1998

AMENDMENT NO. <sup>183</sup> TO FACILITY OPERATING LICENSE NO. DPR-24 - POINT BEACH UNIT 1  
AMENDMENT NO. <sup>187</sup> TO FACILITY OPERATING LICENSE NO. DPR-27 - POINT BEACH UNIT 2

Docket File (50-266, 50-301)

PUBLIC

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

WISCONSIN ELECTRIC POWER COMPANY

DOCKET NO. 50-266

POINT BEACH NUCLEAR PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 183  
License No. DPR-24

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Wisconsin Electric Power Company (the licensee) dated November 17, 1995, as supplemented on July 29, 1996, and December 15, 1997, 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.

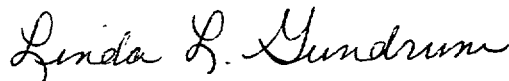
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-24 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 183, are hereby incorporated in the license. The licensee shall operate the facility in accordance with Technical Specifications.

3. This license amendment is effective immediately upon issuance. The Technical Specifications are to be implemented within 45 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Linda L. Gundrum, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical  
Specifications

Date of issuance: March 24, 1998



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

WISCONSIN ELECTRIC POWER COMPANY

DOCKET NO. 50-301

POINT BEACH NUCLEAR PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 187  
License No. DPR-27

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Wisconsin Electric Power Company (the licensee) dated November 17, 1995, as supplemented on July 29, 1996, and December 15, 1997, 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. 187, are hereby incorporated in the license. The licensee shall operate the facility in accordance with Technical Specifications.

3. This license amendment is effective immediately upon issuance. The Technical Specifications are to be implemented within 45 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Linda L. Gundrum, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical  
Specifications

Date of issuance: March 24, 1998

ATTACHMENT TO LICENSE AMENDMENT NOS. 183 AND 187  
TO FACILITY OPERATING LICENSE NOS. DPR-24 AND DPR-27  
DOCKET NOS. 50-266 AND 50-301

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

REMOVE

15.6.3-1

15.6.3-2

15.6.4/5-1

INSERT

15.6.3-1

15.6.3-2

15.6.4/5-1



15.6.3 FACILITY STAFF QUALIFICATIONS

15.6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions or as clarified in 15.6.3.2 through 15.6.3.5.

15.6.3.2 Except as provided in 15.6.3.3, the Health Physicist shall be a line supervisor and shall meet the following requirements:

- a. The individual shall have a bachelor's degree or the equivalent in a science or engineering subject, including some formal training in radiation protection. For purposes of this paragraph, "equivalent" is as follows:
  - (1) Four years of formal schooling in science or engineering; or
  - (2) Four years of applied radiation protection experience at a nuclear facility; or
  - (3) Four years of operational or technical experience or training in nuclear power; or
  - (4) Any combination of the above totaling four years.
- b. Except as provided in d., below, the individual shall have at least five years of professional experience in applied radiation protection. A master's degree in a related field is equivalent to one year of experience and a doctor's degree in a related field is equivalent to two years of experience.
- c. Except as provided in d., below, at least three of the five years of experience shall be in applied radiation protection work in a nuclear facility dealing with radiological problems similar to those encountered in nuclear power plants.
- d. If the individual has a bachelor's degree specifically in health physics, radiological health, or radiation protection, at least three years of professional experience is required; if the individual has a master's or a doctor's degree specifically in health physics, radiological health, or radiation protection, at least two years of professional experience is required. This experience shall be in applied radiation protection in a nuclear facility dealing with radiological problems similar to those encountered in nuclear power plants.

15.6.3.3 In the event the position of Health Physicist is vacated and the proposed replacement does not meet all the qualifications of 15.6.3.2, but is determined to be otherwise well qualified, the concurrence of NRC shall be sought in approving the qualification of that individual.

15.6.3.4 The Duty Technical Advisor shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design and response and analysis of the plant for transients and accidents. The Duty Technical Advisor shall also receive training in plant design and layout including the capabilities of instrumentation and controls in the control room.

15.6.3.5 The Operations Manager shall:

- 1) Hold a Senior Reactor Operator license at PBNP; or
- 2) Have held a Senior Reactor Operator license at PBNP or a similar unit; or
- 3) Have been certified at an appropriate simulator for equivalent senior operator knowledge level.

If the Operations Manager does not hold a Senior Reactor Operator license at PBNP, then an operations middle manager to whom the operating crews report shall hold a Senior Reactor Operator license at PBNP.

15.6.3-2

Unit 1 - Amendment No. 446, 464, 183

Unit 2 - Amendment No. 450, 468, 187

15.6.4 TRAINING

15.6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Training Manager and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.

15.6.5 REVIEW AND AUDIT

15.6.5.1 Manager's Supervisory Staff

15.6.5.1.1 The Manager's Supervisory Staff (MSS) shall function to advise the Manager on all matters related to nuclear safety.

15.6.5.1.2 The Manager's Supervisory Staff shall be selected and designated by the Manager from a list of qualified individuals in the following disciplines:

Operations  
Maintenance  
Health Physics  
Engineering  
Licensing  
Training  
Chemistry

15.6.5.1.3 Each individual representing a MSS discipline shall meet or exceed the qualification requirements specified in Section 4.2 of ANSI N18.1-1971, except as described in Specification 15.6.3.2 for the Health Physicist.

15.6.4/5-1



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NOS. 183 AND 187 TO

FACILITY OPERATING LICENSE NOS. DPR-24 AND DPR-27

WISCONSIN ELECTRIC POWER COMPANY

POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

DOCKET NOS. 50-266 AND 50-301

1.0 INTRODUCTION

By letter dated November 17, 1995, as supplemented on July 29, 1996, and December 15, 1997, the Wisconsin Electric Power Company (the licensee) requested amendments to the Technical Specifications (TS) appended to Facility Operating Licenses Nos. DPR-24 and DPR-27 for the Point Beach Nuclear Plant, Units 1 and 2. The proposed amendments would revise TS 15.6.3.2, 15.6.3.3, and 15.6.5.1.3 changing the position title in the TS from "Health Physics Manager" to "Health Physicist."

The December 15, 1997, letter provided additional clarifying information within the scope of the original application and did not change the staff's initial proposed no significant hazards considerations determination.

2.0 EVALUATION

The current TS require the health physics manager to have a combination of education and experience in the radiation protection field. The licensee proposes to change the TS to require the same combination of education and experience for the position of health physicist and add the additional requirement that the health physicist be a line supervisor. Specifically, the licensee's proposal would:

1. Revise the first sentence in TS 15.6.3.2 to read in part "Except as provided in 15.6.3.3, the Health Physicist shall be a line supervisor and shall meet the following requirements." The balance of TS 15.6.3.2 is unchanged.
2. Revise TS 15.6.3.3 to read, "In the event the position of Health Physicist is vacated and the proposed replacement does not meet all the qualifications of 15.6.3.2, but is determined to be otherwise qualified, the concurrence of NRC shall be sought in approving the qualification of that individual."

3. Revise TS 15.6.5.1.3 to read, "Each individual representing a MSS discipline shall meet or exceed the qualification requirements specified in Section 4.2 of ANSI N18.1-1971, except as described in Specification 15.6.3.2 for the Health Physicist."

Administratively, the health physicist directly reports to the health physics manager. The health physicist is the acting radiation protection manager. The acting radiation protection manager reports directly to the plant manager for issues relative to the radiation protection program. The proposed change allows additional management flexibility to designate a health physics manager and still meet the commitments to ANSI N18.1-1971 as modified by the TS for the health physicist position. The health physicist's responsibilities include daily oversight and technical direction to health physics supervisors and specialists on the implementation of the radiation protection program. The health physicist performs continuous assessment of the radiation protection program to meet regulatory and technical requirements. The health physicist is a member of the manager's supervisory staff and the exposure reduction committee.

The staff has reviewed the licensee's proposed changes and determined that they are consistent with the requirements of ANSI N18.1-1971. Given that the overall manager of the health physics department will no longer be required to have radiological expertise or experience, the health physicist will be the professional, supervisor position that affords adequate authority and opportunity to represent program interests on a plant-wide basis. Since the health physicist is actively involved in the day-to-day operation and oversight of the plant radiation protection program, the staff finds the change acceptable.

### 3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Wisconsin State official was notified of the proposed issuance of the amendments. The State official had no comments.

### 4.0 ENVIRONMENTAL CONSIDERATION

These amendments change recordkeeping, reporting, or administrative procedures or requirements. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

### 5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: L. Gundrum

Date: March 24, 1998