

January 27, 1994

Docket Nos. 50-266  
and 50-301

Mr. Robert E. Link, Vice President  
Nuclear Power Department  
Wisconsin Electric Power Company  
231 West Michigan Street, Room P379  
Milwaukee, Wisconsin 53201

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Dear Mr. Link:

SUBJECT: AMENDMENT NOS. 146 AND 150 TO FACILITY OPERATING LICENSE NOS. DPR-24  
AND DPR-27 (TACS M86781 AND M86782)

The Commission has issued the enclosed Amendment Nos. 146 and 150 to Facility Operating License Nos. DPR-24 and DPR-27 for the Point Beach Nuclear Plant, Unit Nos. 1 and 2. The amendments revise the Technical Specifications in response to your application dated March 24, 1993.

These amendments revise Technical Specifications Section 15.6 to update several position titles, to modify the composition and duties of the Manager's Supervisory Staff, and to remove a redundant review of the Facility Fire Protection Program implementing procedures.

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

Sincerely,

Original signed by

Allen G. Hansen

Allen G. Hansen, Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 146 to DPR-24
2. Amendment No. 150 to DPR-27
3. Safety Evaluation

cc w/enclosures:  
See next page

LA: PD3-3: DRPW  
MRushbrook  
1/10/94

PM: PD3-3: DRPW  
AHansen/  
1/10/94

D: PD3-3: DRPW  
JHannon  
1/10/94

BC: RPEB  
GZech  
1/11/94

OGC-WF  
COLLEEN P. WOOD  
1/13/94

*OGC-WF subject to  
APR subject to  
modifications*

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DFoI

Mr. Robert E. Link  
Wisconsin Electric Power Company

Point Beach Nuclear Plant  
Unit Nos. 1 and 2

cc:

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Mr. Gregory J. Maxfield, Manager  
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Town Chairman  
Town of Two Creeks  
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Chairman  
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Two Rivers, Wisconsin 54241



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

WISCONSIN ELECTRIC POWER COMPANY

DOCKET NO. 50-266

POINT BEACH NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 146  
License No. DPR-24

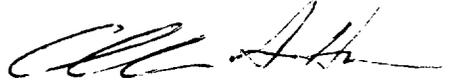
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Wisconsin Electric Power Company (the licensee) dated March 24, 1993, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's 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 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. 146, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective immediately upon issuance. The Technical Specifications are to be implemented within 20 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Allen G. Hansen, Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of issuance: January 27, 1994



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

WISCONSIN ELECTRIC POWER COMPANY

DOCKET NO. 50-301

POINT BEACH NUCLEAR PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 150  
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 March 24, 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 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. 150, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective immediately upon issuance. The Technical Specifications are to be implemented within 20 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Allen G. Hansen, Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of issuance: January 27, 1994

ATTACHMENT TO LICENSE AMENDMENT NOS. 146 AND 150  
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 marginal lines indicating the area of change.

REMOVE

TS 15.6.2-3

TS 15.6.3-1

TS 15.6.3-2

TS 15.6.4/5-1

TS 15.6.5-2

TS 15.6.5-3

- - - - -

INSERT

TS 15.6.2-3

TS 15.6.3-1

TS 15.6.3-2

TS 15.6.4/5-1

TS 15.6.5-2

TS 15.6.5-3

TS 15.6.5-3a

15.6 ADMINISTRATIVE CONTROLS (Continued)

15.6.2 ORGANIZATION (Continued)

FACILITY STAFF (Continued)

15.6.2.2 (Continued)

- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.
- d. An individual qualified in radiation protection procedures shall be on site when fuel is in either reactor.\*\*
- e. ALL CORE ALTERATIONS shall be directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.
- f. A Fire Brigade of at least 5 members shall be maintained onsite at all times.\*\* This excludes 3 members of the minimum shift crew necessary for safe shutdown of the plant and any personnel required for other essential functions during a fire emergency.
- g. The Operations Manager shall hold a senior reactor operator license.

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\*SRO = NRC Senior Reactor Operator License

RO = NRC Reactor Operator License

\*\*This shift may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence of personnel, provided immediate action is taken to restore the shift makeup to within the minimum requirements.

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 15.6.3.4.

15.6.3.2 Except as provided in 15.6.3.3, the Health Physics Manager 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 totalling 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 Physics Manager 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.

15.6.4 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.

15.6.4.2 A training program for the Fire Brigade shall meet or exceed the requirements of Section 27 of the NFPA Code-1976, except that the meeting frequency may be quarterly.

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 Physics Manager.

15.6.5 REVIEW AND AUDIT (Continued)

15.6.5.1 Manager's Supervisory Staff (Continued)

- 15.6.5.1.4 The MSS Chairman shall be selected by the Manager from a group specifically designated by the Manager and shall meet or exceed the qualification requirements specified in Section 4.2.1 of ANSI N18.1-1971. The Chairman shall ensure that the proper disciplines are present to address the items to be brought to the MSS for review in accordance with Specification 15.6.5.1.8.
- 15.6.5.1.5 The MSS shall meet at least once per calendar month and as convened by the MSS Chairman.
- 15.6.5.1.6 A quorum of the MSS shall consist of the Chairman and four members representing four different disciplines. In addition, the quorum shall be representative of the issues being discussed.
- 15.6.5.1.7 A list of MSS members shall be maintained and shall be updated at least annually.
- 15.6.5.1.8 The MSS shall have the following duties:
- a. Review procedures as required by these Technical Specifications. Review other procedures or changes thereto which affect nuclear safety as determined by the Manager.
  - b. Review all proposed tests and experiments related to nuclear safety and the results thereof when applicable.
  - c. Review all proposed changes to Technical Specifications.
  - d. Review all proposed changes or modifications to plant systems or equipment where changes affect nuclear safety.
  - e. Periodically review plant operations for potential hazards to nuclear safety.

15.6.5-2

Unit 1-Amendment No. 50, 52, 57, 728, 146  
Unit 2-Amendment No. 55, 58, 93, 732, 150

15.6.5 REVIEW AND AUDIT (Continued)

15.6.5.1 Manager's Supervisory Staff (Continued)

- f. Review violations of Technical Specifications, such reviews to include reports, evaluations and recommendations.
- g. Perform special reviews, investigations or prepare reports thereon as requested by the Chairman of the Off-Site Review Committee.
- h. Review the Facility Fire Protection Program at least once per 24 months to ensure the program meets established commitments and requirements.
- i. Investigate, review, and report on all reportable events.
- j. Review every release of radioactive material to the environment in excess of the limits specified in Section 15.7.5. Such review will include a summary of evaluation, recommendation and disposition of corrective action to prevent recurrence.
- k. Review all changes to the PCP and ODCM.

15.6.5.1.9

The Manager's Supervisory Staff shall have the following responsibility:

- a. Serve as an advisory committee to the Manager.
- b. Make recommendations to the Manager for proposals under items a. through d. above. In the event of disagreement between a majority of the Supervisory Staff and decisions by the Manager, the course of action will be determined by the Manager and the disagreement recorded in the Staff minutes.

15.6.5 REVIEW AND AUDIT (Continued)

15.6.5.1 Manager's Supervisory Staff (Continued)

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- c. Make recommendations as to whether or not proposals considered by the Staff involve unreviewed safety questions.
- d. Review and approve the contents of a report for each reportable event. Copies of all such reports shall be submitted to the Vice President - Nuclear Power and the Chairman of the Off-Site Review Committee.
- e. Written minutes of each meeting shall be reviewed by staff members and copies shall be provided to the Vice President - Nuclear Power and Chairman of the Off-Site Review Committee.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NOS. 146 AND 150 TO

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

WISCONSIN ELECTRIC POWER COMPANY

POINT BEACH NUCLEAR PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-266 AND 50-301

1.0 INTRODUCTION

By letter dated March 24, 1993, Wisconsin Electric Power Company (WEPCO), the licensee, requested amendments to Facility Operating Licenses DPR-24 and DPR-27 for the Point Beach Nuclear Plant (PBNP), Units 1 and 2, respectively. These amendments would revise Technical Specifications (TS) Section 15.6 to update several position titles, to modify the composition and duties of the Manager's Supervisory Staff (MSS, the onsite review committee), and to remove a redundant review of the Facility Fire Protection Program implementing procedures.

2.0 EVALUATION

TS Section 15.6, "Administrative Controls," specifies responsibilities of key plant staff, and the composition and function of onsite and offsite organizations at PBNP. Staffing requirements, training and qualification standards, and review and audit functions are also included. This TS section states that qualifications for plant staff must meet or exceed the requirements and recommendations of ANSI N18.1-1971, "Selection and Training of Nuclear Power Personnel," and 10 CFR Part 55, "Operators' Licenses."

The licensee has requested several changes to this section of TS, some to achieve consistency with a recent Nuclear Power Department organizational change, and others to better reflect the intent of Standard Technical Specifications. Changes have also been proposed related to the MSS organization and operation. Each request is evaluated below.

2.1 TS Section 15.6.2.2.g

The title "Superintendent Operations" is being changed to "Operations Manager." This is an administrative change only, and is therefore acceptable.

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## 2.2 TS Sections 15.6.3.2 and 15.6.3.3

The title "Superintendent Health Physics" is being changed to "Health Physics Manager" in both sections. This is an administrative change only, and is therefore acceptable.

## 2.3 TS Section 15.6.4.1

The title "Superintendent Training" is being changed to "Training Manager." This is also an administrative change only, and is therefore acceptable.

## 2.4 New TS Sections 15.6.5.1.2, 15.6.5.1.3 and 15.6.5.4

The composition of the MSS selection list (TS 15.6.5.1.2) is being changed from specific plant positions to qualified individuals from seven disciplines (operations, maintenance, health physics, engineering, licensing, training, and chemistry). The qualifications of these individuals (new TS 15.6.5.1.3) will be equivalent to the qualifications of the specific plant positions, as stipulated in ANSI 18.1-1971 (for managers). In addition, the MSS Chairman will be selected by the Plant Manager from a designated group whose qualifications will meet or exceed those required for the Plant Manager.

These proposed changes provide increased flexibility regarding the composition of the MSS while maintaining the same level of qualifications. In addition, these changes are consistent with ANSI 18.1-1971 and current staff guidance. Therefore, these changes are acceptable.

## 2.5 Old TS Section 15.6.5.1.3

This TS section provides the criteria for the selection of alternate members of the MSS. The proposed change deletes this section, renumbering other sections appropriately. This change has been proposed because the list of qualified MSS members will be substantially increased by the other proposed changes, and the need for alternates will no longer be necessary. Since this change is conservative and is consistent with current staff guidance, it is acceptable.

## 2.6 New TS Section 15.6.5.1.6

The proposed modifications to this section will reduce the required number of representatives for a quorum of the MSS from five to four, but will add that the quorum shall be representative of the issues being discussed. The addition is acceptable because it ensures that the quorum is composed of individuals knowledgeable of the discussion topics, a conservative statement. The reduction in the number of members which constitute a quorum from five to four is acceptable because the qualifications of these members to address the topics for discussion will now be ensured by the addition to this section, because the change is compatible with ANSI 18.1-1971, and because it is consistent with current staff guidance.

#### 2.7 New TS Section 15.6.5.1.7

This new section will specify that a list of MSS members will be maintained and updated annually. Since this change is administrative only, it is acceptable.

#### 2.8 New TS Sections 15.6.5.1.8.e and 15.6.5.1.8.f

The wording in these two sections will be changed for clarification and to conform to current staff guidance as reflected in Westinghouse Standard Technical Specifications (NUREG-1431). Since these are administrative changes only, they are acceptable.

#### 2.9 New TS Section 15.6.5.1.8.h

This section will be changed to remove the requirement to review the Facility Fire Protection Program Implementing Procedures at least once per 24 months, and to add the phrase "to ensure the program meets established commitments and requirements" regarding the Facility Fire Protection Program. The additional phrase provides clarification and is administrative only, and is therefore acceptable. The removal is acceptable because fire protection implementation procedures are covered under TS 15.6.8.1.8, because the procedures are reviewed every 24 months by the responsible groups, and because the removal is consistent with current staff guidance.

#### 2.10 TS Section 15.6

Other editorial changes have been proposed, such as renumbering subsections consistent with the proposed changes. Since these changes are administrative only, they are acceptable.

### 3.0 STATE CONSULTATION

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

### 4.0 ENVIRONMENTAL CONSIDERATION

These amendments change recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets 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 this amendment.

## 5.0 CONCLUSION

The staff 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: A. Hansen

Date: January 27, 1994