

DCS MS-010

OCT 15 1982

- ✓ Docket File ASLAB
- NRC PDR Gray File (4)
- Local PDR
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- DEisenhut
- PMKreutzer (3)
- TGColburn
- OELD
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- OI&E (2)
- TBarnhart (8)
- LSchneider (1)
- DBrinkman
- ACRS (10)
- OPA (Clare Miles)
- RFerguson
- RDiggs
- ~~RBallard~~
- NSIC

Docket Nos. 50-266
and 50-301

Mr. C. W. Fay
Assistant Vice President
Wisconsin Electric Power Company
231 West Michigan Street
Milwaukee, Wisconsin 53201

Dear Mr. Fay:

The Commission has issued the enclosed Amendment No. 65 to Facility Operating License No. DPR-24 and Amendment No. 70 to Facility Operating License No. DPR-27 for the Point Beach Nuclear Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated June 14, 1982.

Subsequent to your submittal, we contacted members of your staff to discuss the wording of your proposed submittal. We felt that the wording was ambiguous and did not clearly reflect the intent of your request. Therefore, as discussed with and agreed to by members of your staff, the wording was changed to be similar to that of an amendment previously approved and issued to Wisconsin Public Service Corporation for the Kewaunee facility.

These amendments allow a relaxation of the requirement for monthly functional tests of the turbine stop and governor valves during end of cycle operation with low primary system boron concentration.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

Original signed by:

Timothy G. Colburn, Project Manager
Operating Reactors Branch #3
Division of Licensing

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PDR ADOCK 05000266
P PDR

Enclosures:

1. Amendment No. 65 to DPR-24
2. Amendment No. 70 to DPR-27
3. Safety Evaluation
4. Notice of Issuance

cc: w/enclosures

Amnt & FR Notice

OFFICE	DL:ORB#3	DL:ORB#3	DL:ORB#3	AD/OR	OELD	
SURNAME	PKreutzer	TColburn:dd	RAClark	GCLainas	R. Bachmann	
DATE	10/5/82	9/1/82	10/5/82	10/5/82	10/6/82	



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

DISTRIBUTION
Docket File
ORB#3 Rdg
PMKreutzer

Docket No. 50-266
50-301

Docketing and Service Section
Office of the Secretary of the Commission

SUBJECT: WISCONSIN ELECTRIC POWER COMPANY, Point Beach Nuclear Plant Unit No. 1

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (12) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: Amendment Nos. 65, and 70
Referenced documents have been provided PDR.

Division of Licensing
Office of Nuclear Reactor Regulation

Enclosure:
As Stated

OFFICE →	DL:ORB#3					
SURNAME →	PMKreutzer					
DATE →	10/18/82					

Wisconsin Electric Power Company

cc:

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

USNRC Resident Inspectors Office
6612 Nuclear Road
Two Rivers, Wisconsin 54241

Joseph Mann Library
1516 Sixteenth Street
Two Rivers, Wisconsin 54241

Mr. Glenn A. Reed, Manager
Nuclear Operations
Wisconsin Electric Power Company
Point Beach Nuclear Plant
6610 Nuclear Road
Two Rivers, Wisconsin 54241

Mr. Gordon Blaha
Town Chairman
Town of Two Creeks
Route 3
Two Rivers, Wisconsin 54241

Ms. Kathleen M. Falk
General Counsel
Wisconsin's Environmental Decade
114 N. Carroll Street
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U. S. Environmental Protection Agency
Federal Activities Branch
Region V Office
ATTN: Regional Radiation
Representative
230 S. Dearborn Street
Chicago, Illinois 60604

Chairman
Public Service Commission of Wisconsin
Hills Farms State Office Building
Madison, Wisconsin 53702

Regional Administrator
Nuclear Regulatory Commission, Region III
Office of Executive Director for Operations
799 Roosevelt Road
Glen Ellyn, Illinois 60137



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

WISCONSIN ELECTRIC POWER COMPANY

DOCKET NO. 50-266

POINT BEACH NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 65
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 June 14, 1982, 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. 65, 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 its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 15, 1982



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

WISCONSIN ELECTRIC POWER COMPANY
DOCKET NO. 50-301
POINT BEACH NUCLEAR PLANT, UNIT NO. 2
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 70
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 June 14, 1982, 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.

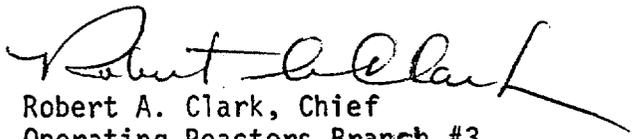
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-27 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 70, 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 its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 15, 1982

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 65 TO FACILITY OPERATING LICENSE NO. DPR-24

AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO. DPR-27

DOCKET NOS. 50-266 AND 50-301

Revise Appendix A as follows:

Remove Pages

Table 15.4.1-2 (page 2 of 2)

Insert Pages

Table 15.4.1-2 (page 2 of 2)

TABLE 15.4.1-2 (Continued)

	<u>Test</u>	<u>Frequency</u>
14. Refueling System Interlocks	Functioning	Each refueling shutdown
15. Service Water System	Functioning	Each refueling shutdown
16. Primary System Leakage	Evaluate	Monthly (6)
17. Diesel Fuel Supply	Fuel inventory	Daily
18. Turbine Stop and Governor Valves	Functioning	Monthly (6)(10)
19. Low Pressure Turbine Rotor Inspection (5)	Visual and magnetic particle or liquid penetrant	Every five years
20. Boric Acid System	Storage Tank temperature	Daily
21. Boric Acid System	Visual observation of piping temperatures (all $\geq 145^{\circ}\text{F}$)	Daily
22. Boric Acid Piping Heat Tracing	Electrical circuit operability	Monthly
23. PORV Block Valves	Complete Valve Cycle	Quarterly (6)
24. Integrity of Post Accident Recovery Systems Outside Containment	Evaluate	Yearly
25. Containment Purge Supply and Exhaust Isolation Valves	Verify valves are locked closed	Monthly (9)

- (1) A radiochemical analysis for this purpose shall consist of a quantitative measurement of each radionuclide with half life of >30 minutes such that at least 95% of total activity of primary coolant is accounted for.
- (2) E determination will be started when the gross activity analysis of a filtered sample indicates ≥ 10 $\mu\text{c}/\text{cc}$ and will be redetermined if the primary coolant gross radioactivity of a filtered sample increases by more than 10 $\mu\text{c}/\text{cc}$.
- (3) Drop tests shall be conducted at rated reactor coolant flow. Rods shall be dropped under both cold and hot conditions, but cold drop tests need not be timed.
- (4) Drop tests will be conducted in the hot condition for rods on which maintenance was performed.
- (5) As accessible without disassembly of rotor.
- (6) Not required during periods of refueling shutdown.
- (7) At least once per week during periods of refueling shutdown.
- (8) At least three times per week (with maximum time of 72 hours between samples) during periods of refueling shutdown.
- (9) Not required during periods of cold or refueling shutdown.
- (10) During end of cycle period of operation when boron concentration is less than 100 ppm, this test may be waived due to operational limitations.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 65 TO FACILITY OPERATING LICENSE NO. DPR-24

AND AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO. DPR-27

WISCONSIN ELECTRIC POWER COMPANY

POINT BEACH NUCLEAR PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-266 AND 50-301

Introduction

By letter dated June 14, 1982, Wisconsin Electric Power Company (Licensee) requested a change to the Technical Specifications (TS) appended to Facility Operating Licenses DPR-24 and DPR-27 for Point Beach Nuclear Plant Units 1 and 2 respectively. The change would allow a waiver of the monthly functional test of the turbine stop and governor valves at end of cycle operations when primary coolant boron concentration is less than 100 parts per million (PPM).

Discussion and Evaluation

The current Point Beach Unit 1 and 2 TS require a monthly functional test of the turbine stop and governor valves. The purpose of this test is to assure the capability to control turbine speed in case of an unexpected loss of load and prevent possible turbine rotor damage or failure.

This test requires a reduction in unit power level to approximately 60% to permit the appropriate valves to be properly exercised. As a unit approaches end-of-cycle core life, primary system boron concentration is low. Low primary system boron concentration makes load swing operations difficult because of Xenon transients and flux tilt conditions experienced during the power reduction. Near end-of-cycle load swings are also very costly in terms of primary system water throughput and resulting deborating resin consumption which results in subsequent increased radioactive waste for disposal.

At normal full power operations, either Point Beach unit reduces primary system boron concentration at the rate of approximately 100 PPM boron per month. Since the licensee's proposed TS change allows waiver of this test only when primary system boron concentration is less than 100 PPM boron, approving this proposed TS change would have the effect of postponing the turbine stop and governor valve functional test from as little as a few days to as much as four to six weeks depending upon the need to stretch operation beyond the zero PPM boron.

The licensee states that in over ten years of operation, the monthly turbine stop and governor valve functional tests have not identified any recurring problems which affect the operation of these valves or which would prevent the valves from performing their designed function of preventing a turbine overspeed condition. The licensee further states that should the affected unit power level have to be reduced to less than 60% for other operational reasons, the turbine

stop and governor valves would be tested during that time. This proposed TS change is of a type similar to that previously approved for other power reactors and individually on a one-time basis for both Point Beach Units 1 and 2. The exact wording of the proposed TS change submitted in the licensee's June 14, 1982 change request was somewhat ambiguous and, as discussed with members of the licensee's staff by telephone, has been modified to more clearly reflect the intent of the proposed TS change request.

Based upon our review of the licensee's submittal and reasons supporting the proposed TS change request, and in consideration of the previous satisfactory functional performance of the turbine stop and governor valves at Point Beach Units 1 and 2, the staff finds that there is reasonable assurance that, if the proposed TS change is approved, the valves will function as designed if called upon to do so. Therefore, the staff finds the proposed TS change to be acceptable.

Environmental Consideration

We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of an accident previously evaluated, do not create the possibility of an accident of a type different from any evaluated previously, and do not involve a significant reduction in a margin of safety, the amendments do 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 the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: October 15, 1982

Principal Contributor:

T. G. Colburn

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NOS. 50-266 AND 50-301WISCONSIN ELECTRIC POWER COMPANYNOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY
OPERATING LICENSES

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 65 to Facility Operating License No. DPR-24, and Amendment No. 70 to Facility Operating License No. DPR-27 issued to Wisconsin Electric Power Company (the licensee), which revised Technical Specifications for operation of Point Beach Nuclear Plant, Unit Nos. 1 and 2 (the facilities) located in the Town of Two Creeks, Manitowoc County, Wisconsin. The amendments are effective as of the date of issuance.

The amendments allow a relaxation of the monthly functional test of the turbine stop and governor valves during end of cycle operation with low primary system boron concentration.

The application for the amendments 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 amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

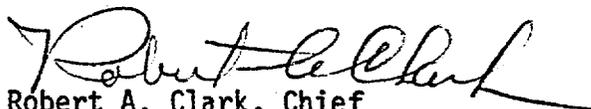
-2-

The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of these amendments.

For further details with respect to this action, see (1) the application for amendments dated June 14, 1982, (2) Amendment Nos. 65 and 70 to License Nos. DPR-24 and DPR-27, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. 20555, and the Joseph Mann Library, 1516 16th Street, Two Rivers, Wisconsin 54241. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 15th day of October, 1982

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Wisconsin Electric Power Company

cc:

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