

Docket No. 50-301

FEB 19 1976

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 TBAbernathy

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

Gentlemen:

In response to your request dated February 13, 1976, the Commission has issued the enclosed Amendment No. 19 to Facility Operating License No. DPR-27 for the Point Beach Nuclear Plant Unit No. 2.

The amendment consists of changes in the Technical Specifications to allow, for February 1976, a one-time extension of the monthly functional test interval for the turbine stop and governor valves.

Copies of the related Safety Evaluation and the Federal Register Notice also are enclosed.

Sincerely,

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

Enclosures:

1. Amendment No. 19  
to License DPR-27
2. Safety Evaluation
3. Federal Register Notice

cc w/encls:  
 See next page

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OFFICE >	ORB#3	ORB#3	OELD	ORB#3		
SURNAME >	CParrish:kmf	JWetmore	Tantelbbs	GLear		
DATE >	2/18/76	2/18/76	2/18/76	2/18/76		

Wisconsin Michigan Power Company  
Wisconsin Electric Power Company

cc:

Mr. Bruce Churchill, Esquire  
Shaw, Pittman, Potts and Trowbridge  
Barr Building  
910 17th Street, N. W.  
Washington, D. C. 20006

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

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



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

UNITED STATES NUCLEAR REGULATORY COMMISSION

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

DOCKET NO. 50-301

POINT BEACH NUCLEAR PLANT UNIT NO. 2

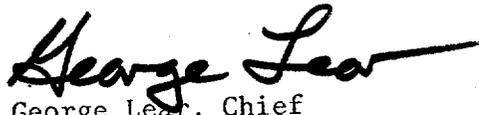
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 19  
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 February 13, 1976, 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; and
  - 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.
  - E. An environmental statement or negative declaration need not be prepared in connection with the issuance of this amendment.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink that reads "George Lear". The signature is written in a cursive style with a long horizontal stroke extending to the right.

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

Attachment:  
Changes to the  
Technical Specifications

Date of Issuance: February 19, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 19

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-27

DOCKET NO. 50-301

Replace 2 pages of Table 15.4.1-2 (Continued) with the attached revised pages.

TABLE 15.4.1-2 (CONTINUED)

	<u>Test</u>	<u>Frequency</u>	<u>FSAR Section Reference</u>	
(14)	Refueling System Interlocks	Functioning	Each refueling shutdown	9.4.5
(15)	Service Water System	Functioning	Each refueling shutdown	9.5.5
(16)	Fire Protection Pump and Power Supply	Functioning	Monthly	9.5.5
(17)	Primary System Leakage	Evaluate	Monthly (6)	4
(18)	Diesel Fuel Supply	Fuel inventory	Daily	8.2.3
(19)	Turbine Stop and Governor Valves	Functioning	Monthly (6) (9)	10
(20)	Low Pressure Turbine Rotor Inspection <sup>(5)</sup>	Visual and magnetic particle or liquid penetrant	Every five years	10
(21)	Boric Acid System	Storage Tank Temperature	Daily	
(22)	Boric Acid System	Visual observation of piping temperatures (all $\geq 145^{\circ}\text{F}$ )	Daily	
(23)	Boric Acid Piping Heat Tracing	Electrical circuit operability	Monthly	

- (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)  $\bar{E}$  determination will be started when the gross activity analysis of a filtered sample indicates  $\geq 10$   $\mu\text{c}/\text{cc}$  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) The monthly functional test interval for February 1976 is extended seven days to February 26, 1976.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 19 TO LICENSE NO. DPR-27

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

POINT BEACH UNIT 2

DOCKET NO. 50-301

Introduction

By letter dated February 13, 1976, Wisconsin Electric Power Company (WEPCO) requested a change to the Technical Specifications appended to Facility Operating License DPR-27, for Point Beach, Unit 2. The requested change would allow a one-time seven-days extension of the monthly functional test interval for the turbine stop and governor valves.

Discussion

During normal operation of Point Beach Unit 2, main steam enters the turbine through two turbine stop valves and four governor valves. One turbine stop and two governor valves form a single assembly. The governor valves regulate the flow of steam, while the major function of the turbine stop valves is to shut off the flow of steam in the event of a turbine overspeed or other malfunction. The Technical Specifications require a functional test of these valves on a monthly basis. To perform the test a unit power level reduction to less than 70% power is required. This is usually accomplished during convenient load swings.

However, Point Beach Unit 2 has been base-loaded at essentially 100% power since January 24, 1976 when a small primary to secondary leak developed in the "B" steam generator. Following an initial slow increase in the leakage rate, the leak has stabilized at approximately 0.20 gpm, well below Technical Specification limits. WEPCO desires to limit any unnecessary thermal and pressure cycling of the steam generators, as would occur with power level changes, to minimize the possibility of aggravating this leakage condition. For this reason, they have requested that the requirement to functionally test the turbine stop and governor valves on a monthly interval be extended one time, for seven days, until the unit's scheduled refueling shutdown on February 26, 1976.

### Evaluation

Existing Technical Specification 15.4.1, Table 15.4.1-2, "Minimum Frequencies for Equipment and Sampling Tests", item 19, requires monthly functional testing of the turbine stop and governor valves. The proposed change would modify this requirement for February 1976, to allow a one-time extension of the monthly test until February 26, 1976.

The licensee states that as a result of functional tests of these valves over the past year, all valve closures have been normal. The last two formal tests of the valves were conducted on January 4 and 11, 1976, while the last fully automatic closure of the valves occurred on January 14, 1976. The next periodic test would have to be completed by February 19, 1976 to comply with the existing Technical Specifications.

We agree with the licensee's objective of minimizing the thermal and pressure cycling of the steam generators. Moreover, it is our position that such cycling, as would result from the turbine stop and governor valve tests, could degrade plant safety by increasing the possibility of increasing primary to secondary leakage. Furthermore, in consideration of the satisfactory functional test experience over the past year as reported by the licensee, in conjunction with the fact that the valves satisfactorily underwent fully automatic closure as recently as January 14, 1976, we have concluded that there is reasonable assurance that the valves would perform as designed if called upon to do so. Therefore, we have determined that a one-time seven-days extension of the monthly functional test interval to February 26, 1975, is acceptable.

In addition, we have determined that the amendment does 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 amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental statement, negative declaration, or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

### Conclusion

We have concluded, based on the considerations discussed above, that:  
(1) because the change 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 change 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.

Dated: February 19, 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-301

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

Notice is hereby given that the U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 19 to Facility Operating License No. 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 Unit No. 2, located in the Town of Two Creeks, Manitowac County, Wisconsin.

The amendment modifies the Technical Specifications to allow, for February 1976, a one-time extension of the monthly functional test interval for the turbine stop and governor valves.

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 is not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental statement, negative declaration

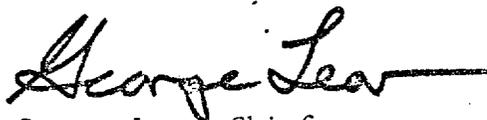
or environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated February 13, 1976, (2) Amendment No. 19 to License No. 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. and at the Document Department, University of Wisconsin - Stevens Point Library, Stevens Point, Wisconsin 54481.

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 Operating Reactors.

Dated at Bethesda, Maryland, this 19th day of February, 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "George Lear". The signature is written in dark ink and is positioned above the typed name and title.

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

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-301

WISCONSIN ELECTRIC POWER COMPANY  
WISCONSIN MICHIGAN POWER COMPANY

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The amendment modifies the Technical Specifications to allow, for, February 1976, a one-time extension of the monthly functional test interval for the turbine stop and governor valves.

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 is not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR 851.5(d)(4) an environmental statement, negative declaration

OFFICE >	ORB#3 <i>CP</i>	ORB#3 <i>JW</i>	OELD <i>Toutelott</i>	ORB#3 <i>GL</i>	
SURNAME >	CParrish:kmf	JWetmore	<i>Toutelott</i>	GLear <i>GL</i>	
DATE >	2/ 18 1976	2/ 18 1976	2/ 18 1976	2/ 18 1976	

or environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated February 13, 1976, (2) Amendment No. 19 to License No. 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. and at the Document Department, University of Wisconsin - Stevens Point Library, Stevens Point, Wisconsin 54481.

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 Operating Reactors.

Dated at Bethesda, Maryland, this *19<sup>th</sup>* day of *February, 1976.*

FOR THE NUCLEAR REGULATORY COMMISSION

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

OFFICE >						
SURNAME >						
DATE >						