

SEP 25 1981

DCS MS-016

Distribution

Docket File

- NRC PDR
- Local PDR
- TERA
- NSIC
- ORB#3 Reading
- DEisenhut
- OELD
- I&E (3)
- GDeegan (4)

- CMiles
- RDiggs
- TColburn
- ACRS (10)
- RAClark
- PKreutzer (3)
- BScharf (10)
- RBallard
- Chairman, ASLAB
- Gray Files (+4)

Docket No. 50-266

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

Dear Mr. Burstein:

The Commission has issued the enclosed Amendment No. 54 to Facility Operating License No. DPR-24 for the Point Beach Nuclear Plant, Unit No. 1. The amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated September 19, 1981.

This amendment allows a one-time relaxation of the requirement for monthly functional tests of the turbine stop and governor valve until the start of the ninth refueling outage.

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

Sincerely,

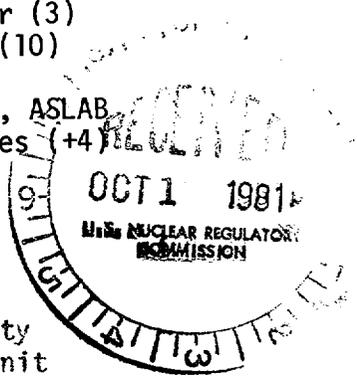
ORIGINAL SIGNED BY:

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

Enclosures:

- Amendment No. 54 to DPR-24
- Safety Evaluation
- Notice of Issuance

cc: w/enclosures
 See next page



8110020458 810925
 PDR ADOCK 05000266
 PDR

Sept 23 1981

OFFICE	ORB#3: D. Colburn	ORB#3: RAClark	AD: DR: DL	OELD			
SURNAME	TColburn/pn	RAClark	TNovak				
DATE	9/23/81	9/23/81	9/23/81	9/1/81			

FROM: T. Colburn, ORB#3	DATE OF DOCUMENT undated	DATE RECEIVED	NO.: 81-9-23-16	
	LTR. X	MEMO:	REPORT: OTHER:	
TO: S. Burnstein	ORIG.: X	CC: X	OTHER:	
	ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input checked="" type="checkbox"/>	DATE ANSWERED:	
CLASSIF.: POST OFFICE	NO ACTION NECESSARY <input type="checkbox"/>	COMMENT <input type="checkbox"/>	BY:	
REG. NO.:	FILE CODE: Point Beach			
DESCRIPTION: (Must Be Unclassified) AMDT TO OL RE ALLOWING A ONE-TIME RELAXATION OF THE REQUIREMENT FOR MONTHLY FUNCTIONAL TESTS OF THE TURBINE STOP AND GOVERNOR VALVE UNTIL THE START OF THE NINTH REFUELLING OUTAGE U R G E N T for legal review of amdt and federal register notice only	REFERRED TO	DATE	RECEIVED BY	DATE
	Scinto	9/23		
	Barth	9/23	has seen	9/23
	Treby			
REMARKS: ELD Due Date 9-25-81	Scinto			

Wisconsin Electric Power Company

cc:

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

Mr. William Guldemon
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
Madison, Wisconsin 53703

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

cc w/enclosure(s) and incoming
dtd: 9/19/81

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



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. 54
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 September 19, 1981, 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.

8110020465 810925
PDR ADOCK 05000266
P PDR

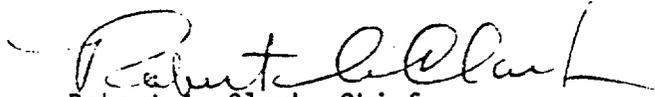
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-24 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 54, 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: September 25, 1981

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 54 TO FACILITY OPERATING LICENSE NO. DPR-24

DOCKET NO. 50-266

Revise Appendix A as follows:

Remove Page

Table 15.4.1-2 (continued)

Insert Page

Table 15.4.1-2 (continued)

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)(9)
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 $>145^{\circ}\text{F}$)	Daily
22.	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) A determination will be required 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) Effective in September 1981, the requirement for the monthly functional test for Point Beach Unit 1 is waived until the start of the ninth refueling outage.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 54 TO FACILITY OPERATING LICENSE NO. DPR-24
WISCONSIN ELECTRIC POWER COMPANY
POINT BEACH NUCLEAR PLANT, UNIT NO. 1
DOCKET NO. 50-266

Introduction:

By letter dated September 19, 1981, Wisconsin Electric Power Company (WEPCO) requested a change to the Technical Specifications appended to Facility Operating License DPR-24 for Point Beach Unit No. 1. The requested change would allow a one-time waiver of the monthly functional test of the turbine stop and governor valves required to be performed by September 27, 1981.

Discussion:

During normal operation of Point Beach Unit No. 1, main steam enters the turbine through two turbine stop valves and four governor valves. The governor valves regulate the flow of steam into the turbine thereby controlling the speed of the turbine or, when the generator is connected to the grid, the electrical output of the unit. The stop valves perform the turbine protection functions by automatically closing to stop the steam flow in the event of a turbine overspeed or other malfunction.

The valves are functionally tested on a monthly basis to ensure proper operation. In order to perform this test, a reactor power reduction to 70% power is required. This is usually accomplished during convenient electrical load demand swings.

Evaluation:

The licensee has requested a one-time waiver of the monthly functional test of the turbine stop and governor valves that is required by the present Technical Specification surveillance requirements to be performed by September 19, 1981. The unit has been in essentially continuous service since its previous refueling and is presently in a fuel cycle stretch-out period of operation. The next refueling outage for Point Beach Unit 1 is scheduled to begin on October 9, 1981, two weeks following the date required by the surveillance testing requirements.

8110020449 810925
PDR ADDCK 05000266
PDR

Since the last refueling outage, the turbine stop and governor valves have performed properly during all required periodic tests. Stretch-out operation at the end of core life conditions of low boric acid concentration make load swing operations difficult because of xenon transient reactivity. The effect of such xenon transient reactivity appears as flux tilts and possible flux oscillations during the subsequent return to full power operation. The licensee states further that the needed primary system water and deborating resin would result in increased radioactive waste for burial and increased costs and that "prudent operating practice and waste volume reduction urges minimizing reactor power cycling under these conditions".

In consideration of the satisfactory functional test experience over the past year as reported by the licensee, we conclude that there is reasonable assurance that the valves will perform as designed if called upon to do so. Therefore, we have determined that this one-time waiver of the monthly functional test is acceptable.

Environmental Consideration

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 impact statement or negative declaration and 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 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.

Date: September 25, 1981

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-266WISCONSIN ELECTRIC POWER COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 54 to Facility Operating License No. DPR-24 issued to Wisconsin Electric Power Company (the licensee), which revised Technical Specifications for operation of Point Beach Nuclear Plant, Unit No. 1 (the facility) located in the Town of Two Creeks, Manitowoc County, Wisconsin. The amendment is effective as of the date of issuance.

The amendment allows a one-time relaxation of the requirement for monthly functional tests of the turbine stop and governor valves until the start of the ninth refueling outage.

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.

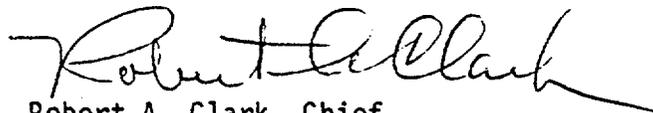
- 2 -

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 impact statement or negative declaration and 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 September 19, 1981, (2) Amendment No. 54 to License No. DPR-24, 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 at 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 25th day of September, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION



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