

January 6, 1997

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Mr. M. L. Marchi  
 Manager - Nuclear Business Group  
 Wisconsin Public Service Corporation  
 Post Office Box 19002  
 Green Bay, WI 54307-9002

SUBJECT: AMENDMENT NO. 131 TO FACILITY OPERATING LICENSE NO. DPR-43 -  
 KEWAUNEE NUCLEAR POWER PLANT (TAC NO. M97176)

Dear Mr. Marchi:

The Commission has issued the enclosed Amendment No. 131 to Facility Operating License No. DPR-43 for the Kewaunee Nuclear Power Plant. This amendment revises the Technical Specifications (TS) in response to your application dated October 31, 1996.

The amendment revises TS 6.9, "Reporting Requirements," by deleting the annual requirement to submit a description of changes made pursuant to 10 CFR 50.59. Administrative changes are also made to correct inconsistencies in the TS Table of Contents and in a footnote for Table TS 3.5-1.

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

Sincerely,

Original signed by:

Richard J. Laufer, Project Manager  
 Project Directorate III-3  
 Division of Reactor Projects III/IV  
 Office of Nuclear Reactor Regulation

Docket No. 50-305

- Enclosures: 1. Amendment No. 131 to License No. DPR-43  
 2. Safety Evaluation

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# 96-126

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

January 6, 1997

Mr. M. L. Marchi  
Manager - Nuclear Business Group  
Wisconsin Public Service Corporation  
Post Office Box 19002  
Green Bay, WI 54307-9002

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Sincerely,

A handwritten signature in cursive script that reads "Richard J. Laufer".

Richard J. Laufer, Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-305

Enclosures: 1. Amendment No. 131 to  
License No. DPR-43  
2. Safety Evaluation

cc w/encls: See next page

Mr. M. L. Marchi  
Wisconsin Public Service Corporation

Kewaunee Nuclear Power Plant

cc:

Foley & Lardner  
Attention: Mr. Bradley D. Jackson  
One South Pinckney Street  
P. O. Box 1497  
Madison, Wisconsin 53701-1497

Chairman  
Town of Carlton  
Route 1  
Kewaunee, Wisconsin 54216

Mr. Harold Reckelberg, Chairman  
Kewaunee County Board  
Kewaunee County Courthouse  
Kewaunee, Wisconsin 54216

Chairman  
Wisconsin Public Service Commission  
610 N. Whitney Way  
Madison, Wisconsin 53705-2729

Attorney General  
114 East, State Capitol  
Madison, Wisconsin 53702

U. S. Nuclear Regulatory Commission  
Resident Inspectors Office  
Route #1, Box 999  
Kewaunee, Wisconsin 54216

Regional Administrator - Region III  
U. S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, Illinois 60532-4531

Mr. Robert S. Cullen  
Chief Engineer  
Wisconsin Public Service Commission  
610 N. Whitney Way  
Madison, Wisconsin 53705-2829



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

WISCONSIN PUBLIC SERVICE CORPORATION

WISCONSIN POWER AND LIGHT COMPANY

MADISON GAS AND ELECTRIC COMPANY

DOCKET NO. 50-305

KEWAUNEE NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 131  
License No. DPR-43

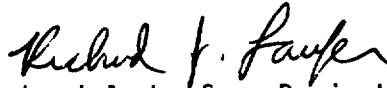
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Wisconsin Public Service Corporation, Wisconsin Power and Light Company, and Madison Gas and Electric Company (the licensees) dated October 31, 1996, complies with the standards and requirements 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 2.C.(2) of Facility Operating License No. DPR-43 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 131, are hereby incorporated in the license. The licensees shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance, and is to be implemented within 30 days of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Richard J. Laufer, Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical  
Specifications

Date of issuance: January 6, 1997

ATTACHMENT TO LICENSE AMENDMENT NO. 131

FACILITY OPERATING LICENSE NO. DPR-43

DOCKET NO. 50-305

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

TS iv

Table TS 3.5-1  
(page 2 of 2)

TS 6.9-1

INSERT

TS iv

Table TS 3.5-1  
(page 2 of 2)

TS 6.9-1

<u>Section</u>	<u>Title</u>	<u>Page</u>
6.5	Review and Audit . . . . .	6.5-1
6.5.a	Plant Operations Review Committee (PORC) . . . . .	6.5-1
	6.5.a.1 Function . . . . .	6.5-1
	6.5.a.2 Composition . . . . .	6.5-1
	6.5.a.3 Alternates . . . . .	6.5-1
	6.5.a.4 Meeting Frequency . . . . .	6.5-1
	6.5.a.5 Quorum . . . . .	6.5-1
	6.5.a.6 Responsibilities . . . . .	6.5-1
	6.5.a.7 Authority . . . . .	6.5-2
	6.5.a.8 Records . . . . .	6.5-2
6.5.b	Deleted	
6.5.c	Nuclear Safety Review and Audit Committee . . . . .	6.5-3
	6.5.c.1 Function . . . . .	6.5-3
	6.5.c.2 Composition . . . . .	6.5-3
	6.5.c.3 Alternates . . . . .	6.5-3
	6.5.c.4 Consultants . . . . .	6.5-3
	6.5.c.5 Meeting Frequency . . . . .	6.5-4
	6.5.c.6 Quorum . . . . .	6.5-4
	6.5.c.7 Review . . . . .	6.5-4
	6.5.c.8 Audits . . . . .	6.5-5
	6.5.c.9 Authority . . . . .	6.5-5
	6.5.c.10 Records . . . . .	6.5-5
6.6	Reportable Events . . . . .	6.6-1
6.7	Safety Limit Violation . . . . .	6.7-1
6.8	Procedures . . . . .	6.8-1
6.9	Reporting Requirements . . . . .	6.9-1
6.9.a	Routine Reports . . . . .	6.9-1
	6.9.a.1 Startup Report . . . . .	6.9-1
	6.9.a.2 Annual Reporting Requirements . . . . .	6.9-1
	6.9.a.3 Monthly Operating Report . . . . .	6.9-3
6.9.b	Unique Reporting Requirements . . . . .	6.9-3
	6.9.b.1 Annual Radiological Environmental Monitoring Report . . . . .	6.9-3
	6.9.b.2 Radioactive Effluent Release Report . . . . .	6.9-3
	6.9.b.3 Special Reports . . . . .	6.9-3
6.10	Record Retention . . . . .	6.10-1
6.11	Radiation Protection Program . . . . .	6.11-1
6.12	System Integrity . . . . .	6.12-1
6.13	High Radiation Area . . . . .	6.13-1
6.14	Post-Accident Sampling and Monitoring . . . . .	6.14-1
6.15	Secondary Water Chemistry . . . . .	6.15-1
6.16	Radiological Effluents . . . . .	6.16-1
6.17	Process Control Program (PCP) . . . . .	6.17-1
6.18	Offsite Dose Calculation Manual (ODCM) . . . . .	6.18-1
6.19	Major Changes to Radioactive Liquid, Gaseous and Solid Waste Treatment Systems . . . . .	6.19-1

7/8.0 Deleted



TABLE TS 3.5-1

ENGINEERED SAFETY FEATURES INITIATION INSTRUMENT SETTING LIMITS

NO.	FUNCTIONAL UNIT	CHANNEL	SETTING LIMIT
8	Containment Purge and Vent System Radiation Particulate Detector Radioactive Gas Detector	Containment ventilation isolation	$\leq$ value of radiation levels in exhaust duct as defined in footnote <sup>(3)</sup>
9	Safeguards Bus Undervoltage <sup>(4)</sup>	Loss of power	85.0% $\pm$ 2% nominal bus voltage $\leq$ 2.5 seconds time delay
10	Safeguards Bus Second Level Undervoltage <sup>(5)</sup>	Degraded grid voltage	93.6% $\pm$ 0.9% of nominal bus voltage $\leq$ 7.4 seconds time delay

<sup>(3)</sup>The setting limits for max radiation levels are derived from ODCM Specification 3.4.1 and Table 2.2, and USAR Section 6.5.

<sup>(4)</sup>This undervoltage protection channel ensures ESF equipment will perform as assumed in the USAR.

<sup>(5)</sup>This undervoltage protection channel protects ESF equipment from long-term low voltage operation.

## 6.9 REPORTING REQUIREMENTS

In addition to the applicable reporting requirements of Title 10, Code of Federal Regulations, the following identified reports shall be submitted to the Director of the appropriate Regional Office of Inspection and Enforcement unless otherwise noted.

### a. Routine Reports

#### 1. Startup Report

A summary report of plant startup and power escalation testing shall be submitted following (1) receipt of an operating license, (2) amendment to the license involving a planned increase in power level, (3) installation of fuel that has a different design or has been manufactured by a different fuel supplier, and (4) modifications that may have significantly altered the nuclear, thermal, or hydraulic performance of the plant. The report shall address each of the tests identified in the USAR and shall in general include a description of the measured values of the operating conditions or characteristics obtained during the test program and a comparison of these values with design predictions and specifications. Any corrective actions that were required to obtain satisfactory operation shall also be described. Any additional specific details required in license conditions based on other commitments shall be included in this report.

Startup reports shall be submitted within (1) 90 days following completion of the startup test program, (2) 90 days following resumption or commencement of commercial power operation, or (3) 9 months following initial criticality, whichever is earliest. If the Startup Report does not cover all three events (i.e., initial criticality, completion of startup test program, and resumption or commencement of commercial power operation), supplementary reports shall be submitted at least every three months until all three events have been completed.

#### 2. Annual Reporting Requirements

Routine operating reports covering the operation of the unit during the previous calendar year shall be submitted prior to March 1 of each year. Items reported in this category include:

##### A. Deleted



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATING TO AMENDMENT NO. 131 TO FACILITY OPERATING LICENSE NO. DPR-43

WISCONSIN PUBLIC SERVICE CORPORATION

WISCONSIN POWER AND LIGHT COMPANY

MADISON GAS AND ELECTRIC COMPANY

KEWAUNEE NUCLEAR POWER PLANT

DOCKET NO. 50-305

1.0 INTRODUCTION

By letter dated October 31, 1996, Wisconsin Public Service Corporation (WPSC), the licensee, requested a revision to the Kewaunee Nuclear Power Plant (KNPP) Technical Specifications (TS). The proposed amendment would revise KNPP TS 6.9, "Reporting Requirements," by deleting the annual requirement to submit a description of changes made pursuant to 10 CFR 50.59. Administrative changes are also proposed to correct inconsistencies in the TS Table of Contents and in a footnote for Table TS 3.5-1.

2.0 BACKGROUND

The NRC amended 10 CFR 50.59(b)(2) on August 31, 1992 (57 FR 39353) to reduce the regulatory burden on nuclear licensees. This action revised the requirements for the annual submission of reports for facility changes under 10 CFR 50.59. This action did not affect the substance of the evaluation or the documentation required for 10 CFR 50.59 type changes. It only affected the interval for submission of the information to the NRC. Instead of submitting the information annually, the information can be submitted on a refueling cycle basis, provided the interval between successive reports does not exceed 24 months.

3.0 EVALUATION

In order to take advantage of this reduction in regulatory burden, the licensee has proposed an amendment to remove the submittal of a report of facility changes under 10 CFR 50.59 from the Technical Specification list of annual reporting requirements. Specifically, the licensee's proposal would delete TS 6.9.a.2.A which requires an annual "Report of facility changes, tests or experiments required pursuant to 10 CFR 50.59(b)."

The current TS reporting requirement is redundant to the requirements of 10 CFR 50.59(b)(2) and inconsistent with the regulation. Removing the TS reporting requirement will not change the substance of the evaluation or the

documentation required for 10 CFR 50.59 type changes. Therefore, the staff finds the licensee's proposed TS change acceptable.

Additionally, the licensee has proposed the following corrections to minor administrative inconsistencies in the TS Table of Contents and in a footnote reference.

Page TS v of the Table of Contents would be revised to reflect the correct title of section 6.9.b.2 as "Radioactive Effluent Release Report," rather than "Radiological Effluent Release Report."

Footnote #3 on page 2 of Table TS 3.5-1 would be revised to reference "ODCM Specification 3.4.1 and Table 2.2" instead of section 7 of the TS which was previously deleted and replaced by the ODCM.

The staff has reviewed the change described above and, since they are administrative in nature, provide clarification, and do not alter the intent or interpretation of the TS, the staff finds them acceptable.

#### 4.0 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.

#### 5.0 ENVIRONMENTAL CONSIDERATION

This amendment changes 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.

#### 6.0 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: R. Laufer

Date: January 6, 1997