

Docket Files

APRIL 5 1979

Docket No. 50-305

Mr. E. R. Mathews, Vice President  
Power Supply and Engineering  
Wisconsin Public Service Corporation  
Post Office Box 1200  
Green Bay, Wisconsin 54305

Dear Mr. Mathews:

The Commission has issued the enclosed Amendment No. 27 to Facility License No. DPR-43 for the Kewaunee Nuclear Power Plant. This amendment consists of changes to the Appendix A and Appendix B Technical Specifications in response to a request from Mr. E. W. James dated February 16, 1979.

This amendment accommodates several changes in the titles of functional positions and recognizes the addition of one functional position with respect to those previously specified in Appendix A and B of License DPR-43. No functional changes in the nuclear related organizations of your company or the Kewaunee plant are involved in this amendment.

Mr. E. W. James, the former Senior Vice President, Power Supply and Engineering, retired on March 1, 1979. As Vice President, Power and Supply and Engineering, you now hold the functional position shown in Appendix A Figure TS 6.2-1 that was formerly held by Mr. James. The position "Superintendent, Nuclear Power" has been retitled "Manager, Nuclear Power" with no functional changes. Your previous position of "Vice President, System Planning and Engineering" has been replaced by a "Superintendent, Power Plant Design and Construction" with no functional change. The "Power Plant Design-Supervision Engineer" (redesignated "Power Plant Design Engineer") and the Quality Assurance Supervisor remain in the same positions in your functional organization, but now report to you through the Superintendent of Power Plant Design and Construction. The Environmental Engineer now reports to you through an additional position, the Manager, System Planning and Engineering. No other changes have been made in direct line responsibilities from those shown on Figure TS 6.2-1. Mr. James stated in his February 16, 1979 letter that "functionally no change in the nuclear related organization will occur". We concur. We especially note that the desired separation between the Quality Assurance Supervisor and the plant operations management has not been altered.

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Mr. E. R. Mathews

- 2 -

We have evaluated the potential for environmental impact of plant operation resulting from these changes. The amendment applies only to administrative details. 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, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Since the amendment applies only to administrative details, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the related Notice of Issuance is also enclosed.

Sincerely,

Original Signed By

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

1. Amendment No. 27 to DPR-43
2. Notice of Issuance

cc: w/enclosures  
See next page

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SURNAME	LNO1.shan:ib	CSParrish		<i>[Signature]</i>	RHVo11mer	ASchwencer
DATE	03/21/79	3/29/79		4/14/79	3/13/79	3/29/79

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B. Jones (4)

B. Harless

ACRS (16)

OPA (Clare Miles)

R. Diggs

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J. Buchanan

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

April 5, 1979

Docket No. 50-305

Mr. E. R. Mathews, Vice President  
Power Supply and Engineering  
Wisconsin Public Service Corporation  
Post Office Box 1200  
Green Bay, Wisconsin 54305

Dear Mr. Mathews:

The Commission has issued the enclosed Amendment No. 27 to Facility License No. DPR-43 for the Kewaunee Nuclear Power Plant. This amendment consists of changes to the Appendix A and Appendix B Technical Specifications in response to a request from Mr. E. W. James dated February 16, 1979.

This amendment accommodates several changes in the titles of functional positions and recognizes the addition of one functional position with respect to those previously specified in Appendix A and B of License DPR-43. No functional changes in the nuclear related organizations of your company or the Kewaunee plant are involved in this amendment.

Mr. E. W. James, the former Senior Vice President, Power Supply and Engineering, retired on March 1, 1979. As Vice President, Power and Supply and Engineering, you now hold the functional position shown in Appendix A Figure TS 6.2-1 that was formerly held by Mr. James. The position "Superintendent, Nuclear Power" has been retitled "Manager, Nuclear Power" with no functional changes. Your previous position of "Vice President, System Planning and Engineering" has been replaced by a "Superintendent, Power Plant Design and Construction" with no functional change. The "Power Plant Design-Supervision Engineer" (redesignated "Power Plant Design Engineer") and the Quality Assurance Supervisor remain in the same positions in your functional organization, but now report to you through the Superintendent of Power Plant Design and Construction. The Environmental Engineer now reports to you through an additional position, the Manager, System Planning and Engineering. No other changes have been made in direct line responsibilities from those shown on Figure TS 6.2-1. Mr. James stated in his February 16, 1979 letter that "functionally no change in the nuclear related organization will occur". We concur. We especially note that the desired separation between the Quality Assurance Supervisor and the plant operations management has not been altered.

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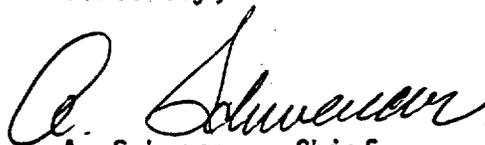
April 5, 1979

We have evaluated the potential for environmental impact of plant operation resulting from these changes. The amendment applies only to administrative details. 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 §1.5(d)(4) that an environmental impact statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Since the amendment applies only to administrative details, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the related Notice of Issuance is also enclosed.

Sincerely,



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

1. Amendment No. 27 to DPR-43
2. Notice of Issuance

cc: w/enclosures  
See next page

Mr. Eugene R. Mathews  
Wisconsin Public Service Corporation - 3 -

April 5, 1979

cc: Steven E. Keane, Esquire  
Foley and Lardner  
777 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202

Kewaunee Public Library  
314 Milwaukee Street  
Kewaunee, Wisconsin 54216

Stanley LaCrosse, Chairman  
Town of Carlton  
Route 1  
Kewaunee, Wisconsin 54216

Mr. Donald L. Quistroff, Chairman  
Kewaunee County Board  
Kewaunee County Courthouse  
Kewaunee, Wisconsin 54216

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

Mr. Patrick Walsh  
Assistant Attorney General  
114 East, State Capitol  
Madison, Wisconsin 53702

Ms. Sandra Bast  
1112 North 11th Street  
Manitowoc, Wisconsin 54220

Director, Technical Assessment Division  
Office of Radiation Programs (AW-459)  
U. S. Environmental Protection Agency  
Crystal Mall #2  
Arlington, Virginia 20460

U. S. Environmental Protection Agency  
Federal Activities Branch  
Region V Office  
ATTN: EIS COORDINATOR  
230 South Dearborn Street  
Chicago, Illinois 60604



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

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. 27  
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 licensee) dated February 16, 1979, 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 License No. DPR-43

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is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 27, 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 March 1, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 5, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 27  
FACILITY OPERATING LICENSE NO. DPR-43  
DOCKET NO. 50-305

Remove and replace Appendix A and Appendix B pages as follows:

<u>REMOVE</u>	<u>INSERT</u>
<u>Appendix A</u>	<u>Appendix A</u>
TS 6-5	TS 6-5
TS 6-7	TS 6-7
TS 6-8	TS 6-8
TS 6-11	TS 6-11
TS 6-12	TS 6-12
TS 6-26	TS 6-26
<u>Appendix B</u>	<u>Appendix B</u>
ES 5.1-1	ES 5.1-1
ES 5.2-1	ES 5.2-1

changes to the Manager Nuclear  
Power

AUTHORITY

- 6.5.1.7 The PORC shall:
- a. Recommend to the Plant Superintendent approval or disapproval of items considered under 6.5.1.6a through d above.
  - b. Make determinations with regard to whether or not each item considered under 6.5.1.6a through e above constitutes an unreviewed safety question.
  - c. Provide immediate notification in the form of draft meeting minutes to the Manager  
-Nuclear Power and the Chairman-  
Nuclear Safety Review and Audit Committee of disagreement between the PORC and the Plant Superintendent. The Plant Superintendent shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

RECORDS

- 6.5.1.8 Minutes shall be kept of all meetings of the PORC and copies shall be sent to the Manager -Nuclear Power and the Chairman- Nuclear Safety Review and Audit Committee.

6.5.2 CORPORATE NUCLEAR ENGINEERING STAFF (CNES)

FUNCTION

- 5.5.2.1 The CNES shall function to provide engineering,

6. Review and/or prepare safety evaluations of all plant design changes.
7. Audits as required by the Quality Assurance Program and as outlined in Section 6.5.3.8.

#### AUTHORITY

6.5.2.4 Quality Assurance is responsible to the Superintendent - Power Plant Design and Construction. Steam Plant Engineering and Power Plant Design, although not directly responsible to the Manager - Nuclear Power, are available for special projects and support as it applies to the Kewaunee Plant. The remainder of the CNES is responsible to the Manager - Nuclear Power.

#### 6.5.3 NUCLEAR SAFETY REVIEW AND AUDIT COMMITTEE (NSRAC)

6.5.3.1 The NSRAC shall function to provide independent review and audit of designated activities in the areas of:

- a. Nuclear Power Plant Operations
- b. Nuclear Engineering
- c. Chemistry and Radio-Chemistry
- d. Metallurgy
- e. Instrumentation
- f. Radiological Safety
- g. Mechanical and Electrical Engineering
- h. Quality Assurance Practices
- i. Other appropriate fields as determined by the Committee, to be associated with the unique characteristics of the nuclear power plant.

#### COMPOSITION

6.5.3.2 The NSRAC shall be composed of, but not necessarily limited to:

- a. At least three technically qualified persons who are not members of the plant staff, one of whom will be Chairman.
- b. One member from the supervisory staff of the plant.
- c. At least two qualified non-company affiliated technical consultants.
- d. Plus in-house staff management advisors as required.

The Committee membership and its Chairman and Vice Chairman shall be appointed by the Vice-President - Power Supply & Engineering or such person as he shall designate. Each member of the NSRAC shall have an academic degree in an engineering or physical science field; and in addition, shall have a minimum of five years technical experience, of which a minimum shall be in one or more areas given in 6.5.3.1.

#### ALTERNATES

- 6.5.3.3 Alternate members shall be appointed by the NSRAC Chairman, upon approval by the Vice-President - Power Supply and Engineering, to serve on a temporary basis; however, no more than two alternates shall participate in NSRAC activities at any one time.

#### CONSULTANTS

- 6.5.3.4 Consultants may be utilized as determined by the Chairman - NSRAC to provide expert advice to the NSRAC.

#### MEETING FREQUENCY

- 6.5.3.5 The NSRAC shall meet at least once per calendar quarter during the initial year of plant operation following fuel loading and at least once per six months thereafter.

- g. Any other area of plant operation considered appropriate by the NSRAC or the Vice President - Power Supply & Engineering.

#### AUTHORITY

- 6.5.3.9 The NSRAC shall report to and advise the Vice President - Power Supply & Engineering on those areas of responsibility specified in Section 6.5.3.7 and 6.5.3.8.

#### RECORDS

- 6.5.3.10 Records of NSRAC activities shall be prepared, approved and distributed as follows:
  - a. Minutes of each NSRAC meeting forwarded to the Vice President - Power Supply & Engineering within 14 days following each meeting.
  - b. Reports of reviews required by Section 6.5.3.7e, f, g and h above, forwarded to the Vice President - Power Supply & Engineering within 14 days following completion of the review.
  - c. Reports of audits performed by NSRAC shall be forwarded to the Vice President - Power Supply & Engineering and to the management positions responsible for the areas audited within 30 days after completion of the audit.

6.6 DELETED

6.7 SAFETY LIMIT VIOLATION

- 6.7.1 The following actions shall be taken in the event a safety limit is violated:
- a. The reactor shall be shutdown and operation shall not be resumed until authorized by the Commission.
  - b. The Safety Limit violation shall be reported to the Commission, the Manager -Nuclear Power, and to the NSRAC-Chairman.
  - c. The Report shall be prepared in accordance with Section 6.9 of the Technical Specifications.

6.8 PROCEDURES

- 6.8.1 Written procedures and administrative policies shall be established, implemented and maintained that meet the requirements and recommendations of Section 5.1 and 5.3 of ANSI N18.7-1972.
- 6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the Plant Superintendent prior to implementation and periodically as determined by the Plant Superintendent.
- 6.8.3 Temporary changes to procedures of 6.8.1 above may be made provided:
- a. The intent of the original procedure is not altered.
  - b. The change is approved by two members of the Plant Management Staff, at least one of which holds a Senior Reactor Operator's License, if the procedure affects nuclear safety.
  - c. The change is documented, reviewed by the PORC, and approved by the Plant Superintendent.

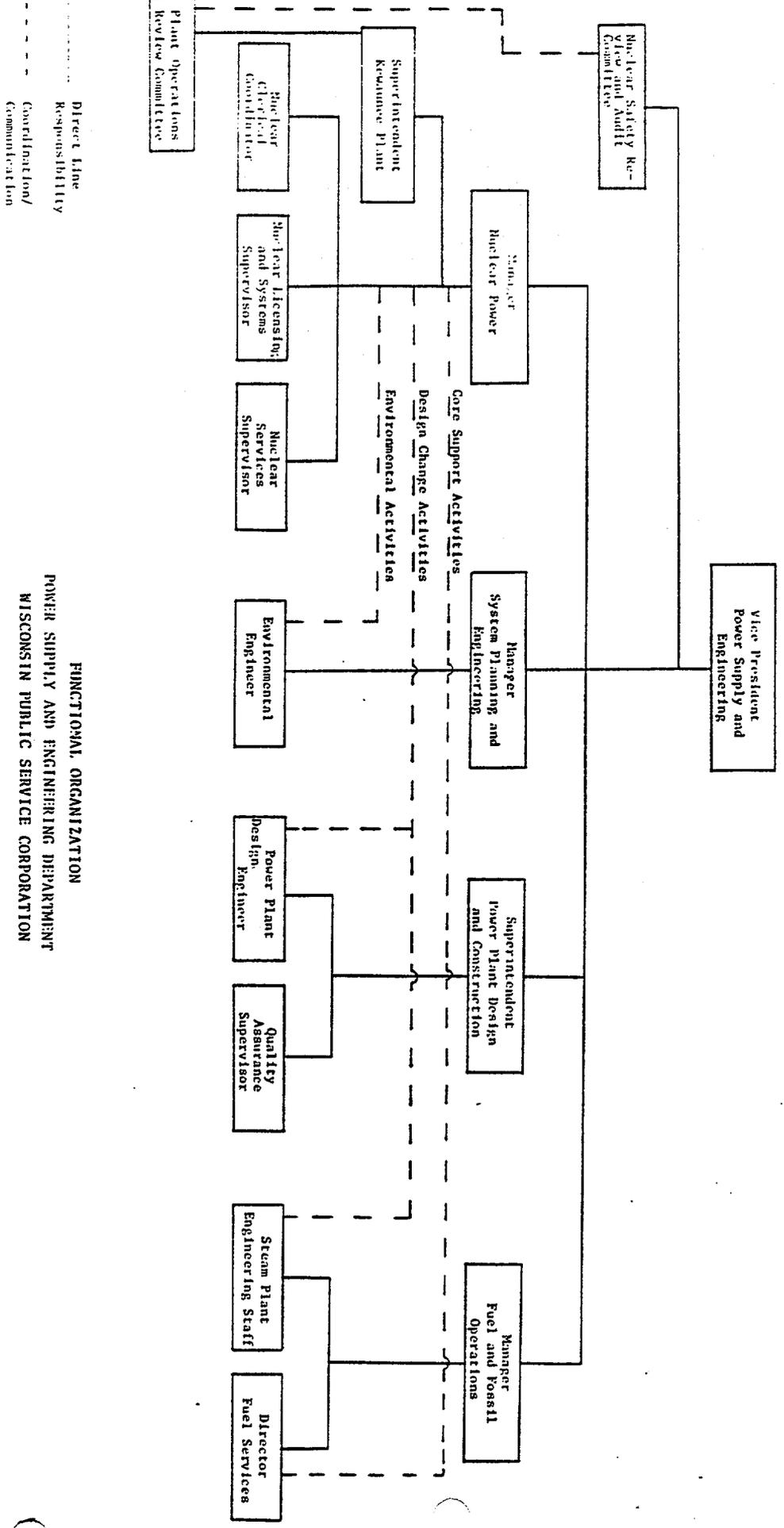


FIGURE TS 6.2-1

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## 5.0 ADMINISTRATIVE CONTROLS

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### 5.1 Organization, Review and Audit

#### a. Organization

1. The Plant Superintendent has on-site responsibility for the operation of the facility and to assure that the limits as noted in the environmental specifications as defined herein are not exceeded.
2. The Plant Superintendent shall report to the Manager - Nuclear Power. In the absence of the Plant Superintendent, an Assistant Superintendent will assume his responsibilities.
3. The Staff Environmental Engineer, reporting to the Manager - System Planning and Engineering has primary responsibility for the initiation and execution, by technically competent personnel, of the environmental surveillance and special studies which are required by the environmental technical specifications. In the absence of the Staff Environmental Engineer, the Environmental Specialist will assume his responsibilities.
4. The Staff Environmental Engineer has primary responsibility for directing the testing work as assigned to independent consultants who have the task of sampling and performing the studies.

#### b. Review and Audit

1. The Plant Operations Review Committee (PORC), as described in the Plant Technical Specifications, Appendix A, Section 6, shall have the responsibility of performing the review and audit of those sections of the program which refer to the allowable limits for temperature and chemical discharges.
2. The Nuclear Safety Review and Audit Committee, as described in the Plant Technical Specifications, Appendix A Section 6.0, supplemented as necessary by technically qualified personnel, shall have the responsibility of performing the review and audit of the environmental monitoring, surveillance, and special studies programs as they pertain to plant operations.

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## 5.0 ADMINISTRATIVE CONTROLS

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### 5.2 Actions to be Taken in the Event of Violation of the Environmental Technical Specifications

- a. Any occurrence in violation of any portion of the environmental technical specifications shall be reported and promptly reviewed by the Plant Operations Review Committee. The occurrence shall be reported to the Manager - Nuclear Power, Superintendent - Kewaunee Plant and the Staff Environmental Engineer.
- b. The Plant Operations Review Committee (PORC) shall prepare a separate report for each such occurrence. This report shall include an evaluation of the cause of the occurrence and also recommendations for appropriate action to prevent or reduce the probability of a re-occurrence.
- c. The Staff Environmental Engineer responsible for the program shall prepare a report of his findings.
- d. Copies of all such reports shall be submitted to the Manager - Nuclear Power, and to the Superintendent - Steam Plants for review and approval of any recommendations.
- e. The Plant Superintendent or his designee shall notify the NRC within 24 hours; as specified in Specification 6.9, Appendix A, of the circumstances of any occurrences. A written report shall follow in accordance with the requirements of Specification 6.9 of Appendix A.
- f. All such occurrences shall be reported in accordance with Plant Operating Requirements.

UNITED STATES NUCLEAR REGULATORY COMMISSION  
DOCKET NO. 50-305  
WISCONSIN PUBLIC SERVICE CORPORATION  
WISCONSIN POWER AND LIGHT COMPANY  
MADISON GAS AND ELECTRIC COMPANY  
NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 27 to Facility Operating License No. DPR-43 issued to Wisconsin Public Service Corporation, Wisconsin Power and Light Company, and Madison Gas and Electric Company (the licensee) which revised Technical Specifications for operation of the Kewaunee Nuclear Power Plant located in Kewaunee, Wisconsin. The amendment is effective as of March 1, 1979.

The amendment revised the provisions in the Appendix A and Appendix A Technical Specifications relating to organization changes. No functional changes in the licensee's nuclear related organization are involved in this amendment.

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.

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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 February 16, 1979 (2) Amendment No. 27 to Facility Operating License No. DPR-43, and (3) the Commission's letter dated April 5, 1979. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D. C. 20555, and at the Kewaunee Public Library, 314 Milwaukee Street, Kewaunee, Wisconsin 54216. 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 5th day of April, 1979 .

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Reactors #1  
Division of Operating Reactors