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Wis. Public Service Corp. Green Bay, Wis. 54305 M.E. Stern	11-7-75	11-10-75	XX			

TO:	ORIG	CC	OTHER	SENT NRC PDR	SENT LOCAL PDR
Mr. E. Jordan	1 signed			XX	XX

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DESCRIPTION: Ltr trans the following:

ENCLOSURES: AMDT #7, Change No. 9 to Tech Specs consists of revised & addl pages to OL-DPR-43....

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ACKNOWLEDGED

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PLANT NAME: Kewaunee Plant

FOR ACTION/INFORMATION DHL 11-11-75

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WISCONSIN PUBLIC SERVICE CORPORATION

P.O. Box 1200, Green Bay, Wisconsin 54305

November 7, 1975

50-305

Regulatory Docket File

Mr. E. Jordan, Acting Chief
Reactor Operations Branch
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Jordan:

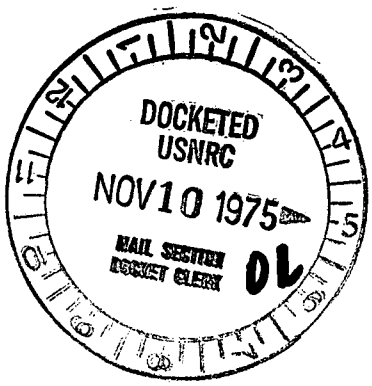
Attached is Amendment No. 7 to the Facility License No. DPR-43 for the Kewaunee Nuclear Power Plant and Change No. 9 to the Technical Specifications as approved by the NRC. The first page of the attachment provides directions for this update to your copy of the Technical Specifications.

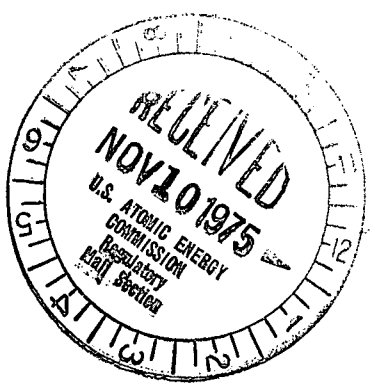
Sincerely,

M. E. Stern
Nuclear Licensing &
Systems Supervisor

MES:bam

Attach.





12871

Technical Specifications

11-7-75

Amendment No. 7 Change No. 9

Attached are the page changes and insertions associated with Amendment No. 7 to the Operating License and Change No. 9 to the Technical Specifications.

The Technical Specification Revision Control Sheets have been updated. Please discard previously issued revision control sheets.

Replace Table of Contents, page TS ii and discard replaced page.

Insert pages TS 4.13-1 and TS 4.13-2.

Insert "Kewaunee Nuclear Power Plant Facility Operating License as Amended" (three pages) in front of Appendix A Technical Specifications. This insert has been included to provide an updated statement of the operating license as currently approved by the NRC.

TECHNICAL SPECIFICATION REVISION CONTROL

WPS Change No.	WPS Amend. No.	Date	Pages	NRC Change No.	NRC Amend. No.	Date	FSAR Amend.
1	---	3-15-74	TS 3.3-2, TS 3.3-3, TS 3.3-8	1	---	4-3-74	
2	---	4-5-74	TS 6.1-2	2	---	4-19-74	
3	1	4-9-74	Table 4.10-1 (pg. 1, 2,4,6)	3	1	5-21-74	
			TS 6.1-2	4	2	7-26-74	
5	3	9-4-74	TSii, TSv, TS 3.10-1 thru TS 3.10-8 Fig. TS 3.10-1 - 3.10-6 Table TS 4.1-1 (Pg. 1 of 3, 3 of 3)				35
6	4	9-30-74	TS 4.2-3 thru 4.2-7 Table TS 4.2-1 (pg. 9 of 14)				
7	5	10-4-74	ES 2.2-3 thru 2.2-6	5	3	3-20-75	
8	6	11-5-74	ES 4.1-5 & 4.1-6	8	6	3-20-75	
9	7	1-15-75	TS 6-1 thru 6-24				
(See WPS Letter		12-20-74)	Table TS 4.1-3 (Item 10)	6	4	1-20-75	
10	8	2-14-75	New Sec. 3.12 & 4.12	Withdrawn by letter 10-28-75			
11	9	8-1-75	ES 2.1-1, 2.1-2, 2.1-3, 2.2-1, 2.2-3, 2.2-5, 2.2-6, 4.1-1, 4.1-3, 4.1-4, 4.1-5, 5.1-1, 5.2-1, 5.3-1, 5.4-1, 5.4-2, 5.5-1				
12	10	7-10-75	TS 4.13-1, 4.13-2	9	7	10-21-75	37

TECHNICAL SPECIFICATION REVISION CONTROL

Page 2

WPS Change No.	WPS Amend No.	Date	Pages	NRC Change No.	NRC Amend No.	Date	FSAR Amend.
13	11	8-14-75	TS 3.13 New Section Table TS 3.5-1				
14	12	9-10-75	ES2.2-3 and 2.2-4				

4.13 RADIOACTIVE MATERIALS SOURCES

Applicability

Applies to the possession, leak test, and record requirements for radioactive material sources required for operation of the facility.

Objective

To ensure that radioactive material sources which are beneficial to facility operation are available to the facility and these sources are verified to be free from leakage.

Specification

1. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or the State.

2. Sources which contain by-product material that exceeds the quantities listed in 10 CFR 30.71, Schedule B, and all other sources containing greater than 0.1 microcuries shall be leak tested in accordance with this specification.

3. Any source specified by 4. 3.2 which is determined to be leaking shall be immediately withdrawn from use, repaired or disposed of in accordance with the Commission's regulations. Leaking is defined as the presence of .005 microcurie of the sources radioactive material on the test sample. 9

4. Each sealed source, except startup sources or irradiation sample sources inserted in the reactor vessel, sources enclosed within the Eberline Model 1000 Multi-Source Calibrator, and Hydrogen 3 sources, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage at intervals not to exceed six months.

5. Sources specified by 4. 3.2 which are in storage and not being used are exempt from the testing specification 4. 3.4. Prior to use or transfer of such a source, the leakage test specification 4. 3.4 shall be current.

6. Startup sources shall be leak tested prior to initial insertion into the reactor vessel.

7. A complete inventory of radioactive materials sources shall be maintained current at all times.

Bases

Ingestion or inhalation of source material may give rise to total body or organ irradiation. This specification assures that leakage from radioactive material sources does not exceed allowable limits. In the unlikely event that those

quantities of radioactive by-product materials of interest to this specification which are exempt from leakage testing are ingested or inhaled, they represent less than one maximum permissible body burden for total body irradiation. The limits for all other sources (including alpha emitters) are based upon 10 CFR 70.39(c) limits for plutonium.

The Eberline Model 1000 Multi-Source Calibrator is a totally enclosed instrument calibrating assembly for which leak testing of the enclosed sources is not practical. Leak testing of these sources would require disassembly of the calibration assembly shield, controls, etc., resulting in personnel exposure without corresponding benefits.

9

11-7-25

WISCONSIN PUBLIC SERVICE CORPORATION

WISCONSIN POWER AND LIGHT COMPANY

MADISON GAS AND ELECTRIC COMPANY

DOCKET NO. 50-305

KEWAUNEE NUCLEAR POWER PLANT

FACILITY OPERATING LICENSE AS AMENDED

License No. DPR-43

1. The Atomic Energy Commission (the Commission) having found that:

   A. The application for license filed by Wisconsin Public Service Corporation, Wisconsin Power and Light Company, and Madison Gas and Electric Company (the licensees) 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 and all required notifications to other agencies or bodies have been duly made;

   B. Construction of the Kewaunee Nuclear Power Plant (facility) has been substantially completed in conformity with Provisional Construction Permit No. CPPR-50, as amended, and the application, as amended, the provisions of the Act and the rules and regulations of the Commission;

   C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;

   D. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;

   E. The licensees are technically and financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;

   F. The licensees have satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements", of the Commission's regulations;

   G. The issuance of this operating license will not be inimical to the common defense and security or to the health and safety of the public;

H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental costs and considering available alternatives, the issuance of Facility Operating License No. DPR-43, subject to the condition for protection of the environment set forth herein, is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied; and

I. The receipt, possession, and use of byproduct and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Part 30 and 70, including 10 CFR Section 30.33, 70.23 and 70.31.

2. Facility Operating License No. DPR-43 is hereby issued to Wisconsin Public Service Corporation, Wisconsin Power and Light Company and Madison Gas and Electric Company, to read as follows:

A. This license applies to the Kewaunee Nuclear Power Plant, a pressurized water nuclear reactor and associated equipment (the facility), owned by Wisconsin Public Service Corporation, Wisconsin Power and Light Company, and Madison Gas and Electric Company. The facility is located in Kewaunee County, Wisconsin, and is described in the "Final Safety Analysis Report" as supplemented and amended (Amendments 7 through 31) and the Environmental Report as supplemented and amended.

B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Wisconsin Public Service Corporation, Wisconsin Power and Light Company, and Madison Gas and Electric Company:

(1) Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities", to possess, use, and operate the facility at the designated location in Kewaunee County, Wisconsin, in accordance with the procedures and limitations set forth in this license;

(2) Pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report as supplemented and amended;

(3) Pursuant to the Act and 10 CFR Parts 30, 40, and 70 to receive, possess, and use at any time any byproduct, source, and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation, and radiation monitoring equipment calibration, and as fission detectors in amounts as required;

(4) Pursuant to the Act and 10 CFR Parts 30, 40, and 70 to receive, possess, and use in amounts as required any byproduct, source, or special nuclear material without restriction to chemical or

physical form for sample analysis or instrument calibration or associated with radioactive apparatus or components;

(5) Pursuant to the Act and 10 CFR Parts 30 and 70, to possess but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility".

C. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR, Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensees are authorized to operate the facility at steady state reactor core power levels not in excess of 1650 megawatts (thermal).

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 9.

D. The licensees shall comply with applicable effluent limitations and other limitations and monitoring requirements, if any, specified pursuant to Section 401(d) of the Federal Water Pollution Control Act Amendments of 1972.

E. This license is effective as of the date of issuance and shall expire at midnight, August 6, 2008.