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Docket No. 50-255

MAR 10 1972

Consumers Power Company
ATTN: Mr. R. C. Youngdahl
Senior Vice President
212 West Michigan Avenue
Jackson, Michigan 49201

Gentlemen:

The Atomic Energy Commission has now issued Amendment No. 2 to Interim Provisional Operating License No. DPR-20. This amendment supersedes Amendment No. 1 in its entirety and authorizes the operation of the facility at power levels not to exceed 1320 megawatts thermal (60% of the rated power level of the facility) in accordance with the provisions of the license and the Technical Specifications.

Amendment No. 1 authorized the Consumers Power Company to operate the Palisades Plant at steady state power levels not to exceed 440 megawatts thermal (20% of the rated power level of the facility).

Copies of Amendment No. 2 and a related Federal Register notice are enclosed.

This license amendment has been issued pursuant to a Memorandum and Order of the Commission, a copy of which is enclosed.

Sincerely,

Original Signed by
P. A. Morris

Peter A. Morris, Director
Division of Reactor Licensing

Enclosures:

1. Amendment No. 2 to License No. DPR-20
2. Federal Register Notice
3. Memorandum and Order of the Commission

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DATE ▶		3/6/72	3/7/72	3/12/72	3/1/72	3/12/72	



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

CONSUMERS POWER COMPANY

(Palisades Plant)

DOCKET NO. 50-255

INTERIM PROVISIONAL OPERATING LICENSE

License No. DPR-20
Amendment No. 2

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

- a. Construction of the Palisades Plant (the facility) has been substantially completed in conformity with the application, as amended, the provisions of Provisional Construction Permit No. CPPR-25, the provisions of the Atomic Energy Act of 1954, as amended (the Act), and the rules and regulations of the Commission set forth in Title 10, Chapter 1, CFR; and
- b. The facility will operate in conformity with the application, as amended, the provisions of the Act and the Commission's rules and regulations; and
- c. There is reasonable assurance (i) that the activities authorized by this operating license, as amended, 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; and
- d. The Consumers Power Company (the licensee) is technically and financially qualified to engage in the activities authorized by this license, as amended, in accordance with the rules and regulations of the Commission; and
- e. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements" of the Commission's regulations; and
- f. 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 is pursuant to an Order by the Commission dated March 10, 1972, authorizing the issuance of an amendment to Operating License No. DPR-20 authorizing operation at power levels not to exceed 1320 megawatts thermal, in accordance with Section 50.57(c) and Appendix D, Section D.2 of 10 CFR Part 50.

Interim Provisional Operating License No. DPR-20, issued to the Consumers Power Company (Consumers Power) for operation of the Palisades Plant, on March 24, 1971, is hereby amended in its entirety to read as follows:

1. This license applies to the Palisades Plant, a closed cycle, pressurized, light water moderated and cooled reactor, and electric generating equipment (the facility). The facility is located in Covert Township on the Consumers Power site in Van Buren County, Michigan, and is described in the "Final Safety Analysis Report," as supplemented and amended.
2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Consumers Power:
 - A. Pursuant to Section 104b of the Atomic Energy Act of 1954, as amended (the Act), and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility as a utilization facility at the designated location;
 - B. Pursuant to the Act and 10 CFR Part 70, "Special Nuclear Material," to receive, possess, and use at any one time up to 4000 kilograms of uranium 235 as reactor fuel assemblies and 96 grams of encapsulated plutonium-beryllium in connection with operation of the facility;
 - C. Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Material," to receive, possess, and use in connection with operation of the facility 1500 curies of Polonium-210 as two sealed sources not to exceed 750 curies each, 10 curies of Cesium-137 as a sealed source, 111 millicuries of Cesium-137 as three sealed sources not to exceed 100 millicuries, 10 millicuries, and 1 millicurie, respectively, and up to 500 millicuries per nuclide of any byproduct material with Atomic Numbers 3 to 83, inclusive, without restriction as to chemical and physical form to a total of 10 curies; and
 - D. Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear material as may be produced by the operation of the facility.
3. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations: 10 CFR Part 20, Section 30.34 of 10 CFR Part 30, Section 40.41

of 10 CFR Part 40, Sections 50.54 and 50.59 of 10 CFR Part 50 and Section 70.32 of 10 CFR Part 70; and 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 below:

A. Maximum Power Level

Consumers Power is authorized to operate the facility at steady state power levels not in excess of 1320 megawatts thermal (60% of the rated power level of the facility).

B. Technical Specifications

1. The Technical Specifications attached hereto as Appendix A are hereby incorporated in this license. Consumers Power shall operate the facility in accordance with the Technical Specifications and may make changes therein only when authorized by the Commission in accordance with the provisions of Section 50.59 of 10 CFR Part 50.
2. The "Additional Specifications" attached hereto as Appendix B are hereby incorporated in this license. Consumers Power shall operate the facility in accordance with such Additional Specifications.

C. Reports

Consumers Power shall make certain reports in accordance with the requirements of the Technical Specifications. Pursuant to the Commission's Memorandum and Order of March 10, 1972, should operation at 1320 MWt under this amendment extend beyond July 1, 1972, Consumers Power shall submit to the Director of the Division of Reactor Licensing by July 21, 1972, a report evaluating the environmental effects of operation of the facility up to July 1, 1972.

D. Records

Consumers Power shall keep facility operating records in accordance with the requirements of the Technical Specifications.

4. Consumers Power shall observe such standards and requirements for the protection of the environment as are validly imposed pursuant to authority established under Federal and State law and as are determined by the Commission to be applicable to the facility covered by this provisional operating license. This condition

does not apply to radiological effects, since such effects are dealt with in other provisions of this provisional operating license.

5. This amendment is issued without prejudice to subsequent licensing action which may be taken by the Commission with regard to the environmental aspects of the facility. Issuance of this license shall not preclude subsequent adoption of alternatives in facility design or operations of the type that could result from the environmental review called for by 10 CFR Part 50, Appendix D.
6. This license is effective as of the date of issuance and shall expire on September 24, 1972, unless extended for a good cause shown, or upon the earlier issuance of a superseding operating license.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed By
Peter A. Morris

Peter A. Morris, Director
Division of Reactor Licensing

Attachments:

1. Appendix A - Technical Specifications
2. Appendix B - Additional Specifications

Date of Issuance: **MAR 10 1972**