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 VHWilson, L (2)
 MJOestman, EP

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Docket No. 50-255

OCT 16 1972

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

Gentlemen:

Pursuant to a Decision by the Atomic Safety and Licensing Appeal Board dated September 27, 1972, the Atomic Energy Commission has issued Amendment No. 4 to Provisional Operating License No. DPR-20 issued to the Consumers Power Company for the Palisades Plant. This amended license authorizes Consumers Power Company to operate the Palisades Plant at 2200 megawatts thermal. In accordance with the Interim Special Technical Specifications, operation is presently restricted to 60% of the rated power level of the facility or 1320 megawatts thermal.

A copy of the amended license, complete with Technical Specifications, the Appeal Board's Decision, and a copy of a related notice, which has been forwarded to the Office of the Federal Register for filing and publication, are enclosed.

Sincerely,

Original Signed by
 K. R. Goller

for
 R. C. DeYoung, Assistant Director
 for Pressurized Water Reactors
 Directorate of Licensing

Enclosures:

1. Provisional Operating License
 No. DPR-20 w/Technical
 Specifications
2. Federal Register Notice
3. Decision by ASLAB

cc: See attached

bcc w/encl: HJMcAlduff, ORO
 HMueller, GMR/H
 JAHarris, IS
 JRBuchanan, ORNL
 TWLaughlin, DTIE
 NHGoodrich, ASLBP
 FKaras, SECY
 JSaltzman, OI&A
 St. George T. Arnold, ORNL

OFFICE ▶	AD:PWR x7415	L:PWR-3	L:PWR-3	L:AD/PWRs		
SURNAME ▶	VHWilson:esp	DCrutchfield	KRG KRGoller	KRG/hy RCDeYoung		
DATE ▶	9/29/72	9/29/72	9/29/72	9/29/72		

cc w/encls:

George F. Trowbridge, Esq.
Shaw, Pittman, Potts, Trowbridge
and Madden
910 17th Street, N. W.
Washington, D. C. 20006

Honorable William G. Milliken
Governor of Michigan
Lansing, Michigan 48914

Maurice R. Reizen, M. D.
Director of Public Health
Michigan Department of Public Health
3500 North Logan Street
Lansing, Michigan 48914

Mr. Herbert C. DeJonge, Director
Michigan Department of Commerce
Lansing, Michigan 48901

Mr. Ralph A. MacMullan, Director
Department of Natural Resources
Department of Conservation
Lansing, Michigan 48926

Mr. Barry Brown, Director
Michigan Department of Labor
300 East Michigan Avenue
Lansing, Michigan 48933

Mr. Willis Ward, Chairman
Atomic Energy Study Committee
State of Michigan Public
Service Commission
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Mr. William J. Pierce
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University of Michigan Law School
Ann Arbor, Michigan 48103

Mr. Jerry Sarno
Covert Township Supervisor
Route 1, Box 10
Covert, Michigan 49043

Mr. Donald Hanson, Chairman
Board of County Commissioners
Van Buren County
Decatur, Michigan 49045

OFFICE ▶						
SURNAME ▶						
DATE ▶						



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

CONSUMERS POWER COMPANY

(Palisades Plant)

DOCKET NO. 50-255

PROVISIONAL OPERATING LICENSE

License No. DPR-20
Amendment No. 4

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 provisional 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 amended license will not be inimical to the common defense and security or to the health and safety of the public.
- g. In accordance with the requirements of Appendix D to 10 CFR Part 50, the operating license should be issued subject to conditions for protection of the environment set forth in the Technical Specifications incorporated herein.

Provisional Operating License No. DPR-20, issued to the licensee for operation of the facility, on September 1, 1972, is hereby amended in its entirety to read as follows:

1. Provisional Operating License No. DPR-20 applies to the Palisades Plant, a 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 Company (the licensee):
 - 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 of 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 Levels

The licensee is authorized to operate the facility at steady-state reactor core power levels not in excess of 2200 megawatts thermal (100% of the rated power level of the facility).

B. Technical Specifications

The Technical Specifications attached hereto as Appendix A and the Interim Special Technical Specifications attached hereto as Appendix B are hereby incorporated in this license. The licensee shall operate the facility in accordance with the Technical Specifications and the Interim Special 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.

C. Reports

The licensee shall make certain reports in accordance with the requirements of the Technical Specifications, and the Interim Special Technical Specifications.

D. Records

The licensee shall keep facility operating records in accordance with the requirements of the Technical Specifications.

4. This amended license is effective as of the date of issuance and shall expire on March 1, 1974, unless extended for a good cause shown, or upon the earlier issuance of a superseding operating license.

FOR THE ATOMIC ENERGY COMMISSION

A. Giambusso

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Attachments:

1. Appendix A - Technical Specifications
2. Appendix B - Interim Special Technical Specifications

Date of Issuance: OCT 16 1972

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-255

CONSUMERS POWER COMPANY
(PALISADES PLANT)

NOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL OPERATING LICENSE

Notice is hereby given that the Atomic Energy Commission (the Commission) has issued Amendment No. 4 to Provisional Operating License No. DPR-20 to Consumers Power Company (the licensee) which permits operation of the Palisades Plant (the facility) at steady-state reactor core power levels of 2200 megawatts thermal (100% of the rated power level of the facility) in accordance with the Technical Specifications and the Interim Special Technical Specifications. The facility is a pressurized water nuclear reactor, and is located at the licensee's site on the eastern shore of Lake Michigan in Covert Township, Van Buren County, Michigan.

On September 1, 1972, pursuant to a Supplemental Initial Decision of the Atomic Safety and Licensing Board presiding in the hearing in this proceeding, Amendment No. 3 to Provisional Operating License No. DPR-20 was issued authorizing operation of the Palisades Plant at 1320 megawatts thermal, 60% of the rated power level of the facility. Notice thereof was published in the FEDERAL REGISTER on September 9, 1972 (37 F.R. 18408). Exceptions to the Supplemental Initial Decision were filed with the Atomic Safety and Licensing Appeal Board.

On September 27, 1972, the Atomic Safety and Licensing Appeal Board rendered its Decision which authorized the Director of Regulation to issue a license authorizing operation of the facility at power levels not to exceed 2200 megawatts thermal, 100% of the rated power level of the facility, subject to the Technical Specifications and the Interim Special Technical Specifications previously incorporated in the license.

The Commission's regulatory staff has inspected the facility and has determined that the facility has been constructed in accordance with the application, as amended, the provisions of Provisional Construction Permit No. CPPR-25, the Atomic Energy Act of 1954, as amended, and the Commission's regulations. The licensee has previously submitted proof of financial protection in satisfaction of the requirements of 10 CFR Part 140.

The Director of Regulation has made the findings set forth in the license, and has concluded that the application, as amended, complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Chapter 1, and that the issuance of the license will not be inimical to the common defense and security or to the health and safety of the public.

The license amendment is effective as of the date of issuance and shall expire on March 1, 1974.

Copies of (1) the Atomic Safety and Licensing Board's Supplementary Initial Decision dated August 17, 1972, (2) this Amendment No. 4 to Interim Provisional Operating License No. DPR-20, with Technical Specifications and Interim Special Technical Specifications, (3) the Final Environmental

Statement and (4) the Decision of the Atomic Safety and Licensing Appeal Board dated September 27, 1972, and other relevant documents are available for public inspection in the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., and at the Kalamazoo Public Library, 315 South Rose Street, Kalamazoo, Michigan. Copies of the amended license, and the Final Environmental Statement may be obtained upon request addressed to the U. S. Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland, this 16 day of OCT , 1972.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
R. C. DeYoung

R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing