

February 17, 1983

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Docket No. 50-255
LS05-83-02-037

Mr. David J. Vandewalle
Nuclear Licensing Administrator
Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

Dear Mr. Vandewalle:

SUBJECT: PALISADES PLANT - APPROVAL OF TECHNICAL SPECIFICATION CHANGES
PERTAINING TO TESTING FREQUENCY OF EMERGENCY LIGHTING INSIDE
CONTAINMENT

The Commission has issued the enclosed Amendment No. 76 to DPR-20 for the Palisades Plant. This amendment consists of changes to the Technical Specifications in response to your application dated January 24, 1983.

Your request relates to the emergency lighting inside containment. This lighting is provided for personnel safety and for safe handling of fuel during refueling outages. Access to the containment is not necessary for safe shutdown of the plant or for mitigating the effects of accidents. You have requested a change in the frequency of testing this emergency lighting inside of containment from yearly to "during each refueling outage." Since the radiological safety need for this lighting only occurs during a refueling outage while handling fuel or other actions over the reactor vessel with the head removed, we agree that the proposed change is acceptable, provided that the testing is performed prior to removal of the reactor head. In addition, your proposal included the requirement for testing at least every two years. While we have no problem with your testing this lighting whenever you like, we would require it to be proved operable only when needed. If for some reason, reactor head removal and refueling were not required for more than two years, we would not require this lighting to be tested without a need for its operability. If there is an occupational safety need, this should be covered elsewhere and not in the Technical Specifications.

*SEO1
DSM USE(04)*

We have discussed with your representatives the modifications to your proposal which would delete the two year restriction and add the provision that testing be performed prior to each removal of the reactor head. They have agreed to these modifications. We, therefore, find the proposed Technical Specification change, as modified, acceptable.

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OFFICE ▶
SURNAME ▶
DATE ▶

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 or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

We have concluded, based on the considerations discussed in the SEP Topic evaluations identified above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration; (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner; and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

The related Notice of Issuance is also enclosed.

Sincerely,

Original signed by/

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosures:

- 1. Amendment No. 76 to License No. DPR-20
- 2. Notice of Issuance

cc w/enclosures:
See next page

JVM 2-7-83
[Signature]

OFFICE	DL:ORB#5	DL:ORB#5	OELD	DL:ORB#5	DL:AD-SA		
SURNAME	DCrutchfield	Wambach	[Signature]	DCrutchfield	PMiraglia		
DATE	2/3/83	02/4/83	02/17/83	02/17/83	02/17/83		

February 17, 1983

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 or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

We have concluded, based on the considerations discussed in the SEP Topic evaluations identified above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration; (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner; and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

The related Notice of Issuance is also enclosed.

Sincerely,


Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosures:

1. Amendment No. 76 to
License No. DPR-20
2. Notice of Issuance

cc w/enclosures:
See next page

Mr. David J. Vandewalle

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February 17, 1983

cc

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Consumers Power Company
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Jackson, Michigan 49201

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Township Supervisor
Covert Townshi
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Van Buren County, Michigan 49043

Office of the Governor (2)
Room 1 - Capitol Building
Lansing, Michigan 48913

Palisades Plant
ATTN: Mr. Robert Montross
Plant Manager
Covert, Michigan 49043

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

Resident Inspector
c/o U. S. NRC
Palisades Plant
Route 2, P. O. Box 155
Covert, Michigan 49043



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

CONSUMERS POWER COMPANY

DOCKET NO. 50-255

PALISADES PLANT

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 76
License No. DPR-20

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Consumers Power Company (the licensee) dated January 24, 1983 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 3.B of Provisional Operating License No. DPR-20 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B (Environmental Protection Plan), as revised through Amendment No. 76, 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 the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 17, 1983

ATTACHMENT TO LICENSE AMENDMENT NO. 76

PROVISIONAL OPERATING LICENSE NO. DPR-20

DOCKET NO. 50-255

Revise Appendix A Technical Specifications by removing page 4-43 and by inserting the enclosed page 4-43. This revised page contains the captioned amendment number and a marginal line indicating the area of change.

4.7 EMERGENCY POWER SYSTEM PERIODIC TESTS (Contd)

- b. Every three months, the specific gravity of each cell, the temperature reading of every fifth cell, the height of electrolyte, and the amount of water added shall be measured and recorded.

4.7.3 Emergency Lighting

The correct functioning of the emergency lighting system outside of containment shall be verified at least once a year. The emergency lighting system inside containment shall be verified operable prior to each removal of the reactor head.

Basis

The emergency power system provides power requirements for the engineered safety features in the event of a DBA. Each of the two diesel generators is capable of supplying minimum required safeguards equipment from independent buses.^(1, 2) This redundancy is a factor in establishing testing intervals. The monthly tests specified above will demonstrate operability and load capacity of the diesel generator. The fuel supply and various controls are continuously monitored and alarmed for abnormal conditions. Starting on complete loss of off-site power will be verified by simulated loss-of-power tests at approximately yearly intervals (during refueling shutdowns). Considering system redundancy, the specified testing intervals for the station batteries should be adequate to detect and correct any malfunction before it can result in system malfunction. Batteries will deteriorate with time, but precipitous failure is extremely unlikely. The surveillance specified is that which has been demonstrated over the years to provide an indication of a cell becoming unserviceable long before it fails.

References

- (1) FSAR, Section 8.4.1.
(2) FSAR, Section 8.5.2.2.

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-255CONSUMERS POWER COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 76 to Provisional Operating License No. DPR-20, to Consumers Power Company (the licensee), which revised the Technical Specifications for operation of the Palisades Plant (the facility) located in Covert Township, Van Buren County, Michigan. The amendment is effective as of its date of issuance.

The amendment approves a change in testing frequency of emergency lighting inside containment.

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 action was not required since the amendment does not involve a significant hazards consideration.

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.

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For further details with respect to this action, see (1) the application for amendment dated January 24, 1983, (2) Amendment No. 76 to License No. DPR-20, and (3) the Commission's letter of transmittal which contains its evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, Washington, D. C. 20555 and at the Kalamazoo Public Library, 315 South Rose Street, Kalamazoo, Michigan 49006. 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 Licensing.

Dated at Bethesda, Maryland, this 17th day of February, 1983.

FOR THE NUCLEAR REGULATORY COMMISSION


Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing