

November 10, 1992

Docket No. 50-255

Mr. Gerald B. Slade  
Plant General Manager  
Palisades Plant  
Consumers Power Company  
27780 Blue Star Memorial Highway  
Covert, Michigan 49043

Dear Mr. Slade:

SUBJECT: PALISADES PLANT - AMENDMENT NO. 153 TO FACILITY OPERATING LICENSE  
NO. DPR-20 (TAC NO. M84002)

The Commission has issued the enclosed Amendment No. 153 to Facility Operating License No. DPR-20 for the Palisades Plant. The amendment consists of changes to the Technical Specifications (TS) in response to your application dated June 12, 1992.

This amendment deletes the qualifying phrase "after the reactor has been made critical" from TS 3.7.2.

A copy of our Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

Original signed by  
Armando Masciantonio, Project Manager  
Project Directorate III-1  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 153 DPR-20
- 2. Safety Evaluation

cc w/enclosures:  
See next page

OFFICE

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NAME	MShuttleworth <i>MSK</i>	AMasciantonio	CBerlinger		LMarsh
DATE	10/21/92	10/21/92	10/29/92	11/3/92	11/10/92

OFFICIAL RECORD COPY  
FILENAME: PAL84002.AMD

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P PDR

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FILED IN THE OFFICE OF THE  
SECRETARY OF STATE

*CP*  
*DFO*

Mr. Gerald B. Slade  
Consumers Power Company

Palisades Plant

cc:

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54th Floor  
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Nuclear Facilities and Environmental  
Monitoring Section Office  
Division of Radiological Health  
Department of Public Health  
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Mr. Thomas A. McNish, Secretary  
Consumers Power Company  
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Jackson, Michigan 49201

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts and Trowbridge  
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Judd L. Bacon, Esquire  
Consumers Power Company  
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Mr. David L. Brannen, Vice President  
Palisades Generating Company  
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Regional Administrator, Region III  
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Roy W. Jones, Manager  
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Township Supervisor  
Covert Township  
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Office of the Governor  
Room 1 - Capitol Building  
Lansing, Michigan 48913

Mr. Patrick M. Donnelly, Director  
Safety and Licensing  
Palisades Plant  
27780 Blue Star Memorial Highway  
Covert, Michigan 49043

U.S. Nuclear Regulatory Commission  
Resident Inspector Office  
Palisades Plant  
27782 Blue Star Memorial Highway  
Covert, Michigan 149043

DATED: November 10, 1992

AMENDMENT NO. 153 TO FACILITY OPERATING LICENSE NO. DPR-20-PALISADES

Docket File  
NRC & Local PDRs  
PDIII-1 Reading  
Palisades Plant File  
J. Roe  
J. Zwolinski  
L. Marsh  
M. Shuttleworth  
A. Masciantonio  
IOGC-WF  
D. Hagan, 3302 MNBB  
G. Hill (4), P-137  
Wanda Jones, MNBB-7103  
C. Grimes, 11/F/23  
ACRS (10)  
GPA/PA  
OC/LFMB  
W. Shafer, R-III

cc: Plant Service list



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

CONSUMERS POWER COMPANY

DOCKET NO. 50-255

PALISADES PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 153  
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 June 12, 1992, 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;
  - 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 the license amendment and Paragraph 2.C.(2) of Facility Operating License No. DPR-20 hereby issued to Consumers Power Company (the licensee or CPCo) to read as follows:

Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 153, and the Environmental Protection Plan contained in Appendix B are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Ledyard B. Marsh, Director  
Project Directorate III-1  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: November 10, 1992

ATTACHMENT TO LICENSE AMENDMENT NO. 153

FACILITY OPERATING LICENSE NO. DPR-20

DOCKET NO. 50-255

Revise Appendix A Technical Specifications by removing the page identified below and inserting the attached page. The revised page is identified by the amendment number and contains vertical lines indicating the areas of change.

REMOVE

3-41

INSERT

3-41

### 3.7 ELECTRICAL SYST

#### Applicability

Applies to the availability of electrical power for the operation of plant components.

#### Objective

To define those conditions of electrical power availability necessary to provide for safe reactor operation and the continuing availability of engineered safety features.

#### 3.7.1 Specifications

The primary coolant system shall not be heated or maintained at temperatures above 325°F if the following electrical systems are not operable:

- a. Station power transformer 1-2 (2400 V).
- b. Start-up transformer 1-2 (2400 V).
- c. 2400 V engineered safeguards buses 1C and 1D.
- d. 480 V distribution buses 11 and 12.
- e. MCC No 1, 2, 7 and 8.
- f. 125 V d-c buses No 1 and 2.
- g. Four preferred a-c buses.
- h. Two station batteries and the d-c systems including at least one battery charger on each bus.
- i. Both diesel generators, with a minimum of 2500 gallons of fuel in each day tank and a minimum of 16,000 gallons of fuel in the underground storage tank.
- j. Switchyard battery and the d-c system with one battery charger.
- k. 240 V a-c power panels No 1 and 2, and their associated ACB breaker distribution systems.
- l. 2400 V bus 1E.

3.7.2 The requirements of Specification 3.7.1 may be modified to the extent that one of the following conditions will be allowed. If any of the provisions of those exceptions are violated, the reactor shall be placed in a hot shutdown condition within 12 hours. If the violation is not corrected within 24 hours, the reactor shall be placed in a cold shutdown condition within 24 hours.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 153 TO FACILITY OPERATING LICENSE NO. DPR-20

CONSUMERS POWER COMPANY

PALISADES PLANT

DOCKET NO. 50-255

1.0 INTRODUCTION

By letter dated June 12, 1992, Consumers Power Company (CPCo or the licensee) requested an amendment to the Technical Specifications (TS) appended to Facility Operating License No. DPR-20 for the Palisades Plant. The amendment deletes the qualifying phrase "after the reactor has been made critical" from TS 3.7.2. This change allows testing flexibility when the plant is above 325°F, but not yet critical.

2.0 EVALUATION

The existing Electrical System TS, Section 3.7.1, is applicable when the primary coolant system is above 325°F. The existing associated action statement, 3.7.2, applies only when the reactor is critical. A strict interpretation of these two specifications would allow required electrical components to be inoperable for specified time periods, when the reactor is at power, but not when the reactor is at Hot Shutdown or Hot Standby. This limitation precludes test loading of the diesel generators when the plant is subcritical above 325°F and could require an entry into TS 3.0.3 while in Hot Shutdown for a condition which would be allowable while at full power. Based on the above considerations, the licensee proposes that the qualifying phrase "...after the reactor has been made critical." be deleted from TS 3.7.2.

The NRC staff has reviewed the information provided by the licensee in support of the proposed TS change and, based on our review, we find the proposed change to TS 3.7.2 acceptable. The proposed change is consistent with the equivalent Action Statements of the Standard Technical Specifications (STS) for Combustion Engineering Pressurized Water Reactors.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Michigan State official was notified of the proposed issuance of the amendment. The State official had no comments.

#### 4.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a requirement with respect to the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding (57 FR 37564). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

#### 5.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor:                   A. Masciantonio

Date: November 10, 1992