

June 19, 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. 149 TO FACILITY OPERATING LICENSE
NO. DPR-20 (TAC NO. M76519)

The Commission has issued the enclosed Amendment No. 149 to Facility Operating License No. DPR-20 for the Palisades Plant. This amendment consists of changes to the Technical Specifications in response to your application dated July 11, 1990.

This amendment modifies the Palisades Technical Specification (TS) Section 4.1.1.a.4 which changes the testing requirements of the Pressurizer Power Operated Relief Valves (PORV) from ASME Code, Section XI, Category C to Category B.

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

Armand Masciantonio, Project Manager
Project Directorate III-1
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 149DPR-20
2. Safety Evaluation

cc w/enclosures:
See next page

OFFICE	LA:PD31	PE:PD31	PM:PD31 <i>adm</i>	OGC <i>[Signature]</i>	D:PD31 <i>[Signature]</i>
NAME	MShuttleworth <i>[Signature]</i>	MGamberoni <i>[Signature]</i> jkd	AMasciantonio	J Hill <i>[Signature]</i>	LMarsh
DATE	6/17/92	6/11/92	6/4/92	6/19/92	6/16/92

9207020023 920619
PDR ADOCK 05000255
P PDR

QFOL CP
111
NRC FILE CENTER COPY

Mr. Gerald B. Slade
Consumers Power Company

Palisades Plant

cc:

M. I. Miller, Esquire
Sidley & Austin
54th Floor
One First National Plaza
Chicago, Illinois 60603

Mr. Thomas A. McNish, Secretary
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Judd L. Bacon, Esquire
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Jerry Sarno
Township Supervisor
Covert Township
36197 M-140 Highway
Covert, Michigan 49043

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 49043

Nuclear Facilities and Environmental
Monitoring Section Office
Division of Radiological Health
Department of Public Health
3423 N. Logan Street
P. O. Box 30195
Lansing, Michigan 48909

Gerald Charnoff, Esquire
Shaw, Pittman, Potts and Trowbridge
2300 N Street, N. W.
Washington DC 20037

Mr. David L. Brannen, Vice President
Palisades Generating Company
c/o Bechtel Power Corporation
15740 Shady Grove Road
Gaithersburg, Maryland 20877

Roy W. Jones, Manager
Strategic Program Development
Westinghouse Electric Corporation
4350 Northern Pike
Monroeville, Pennsylvania 15146

DATED: June 19, 1992

AMENDMENT NO. 149 TO FACILITY OPERATING LICENSE NO. DPR-20-PALISADES

Docket File:

NRC & Local PDRs

PDIII-1 Reading

Palisades Plant File

B. Boger

J. Zwolinski

L. Marsh

M. Shuttleworth

A. Masciantonio

M. Gamberoni

OGC-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

240023



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. 149
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 July 11, 1990, 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 is hereby amended to read as follows:

9207020030 920619
PDR ADOCK 05000255
P PDR

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 149 , 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 its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



L. 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: June 19, 1992

ATTACHMENT TO LICENSE AMENDMENT NO. 149

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 marginal lines indicating the area of change.

REMOVE

4-1e

INSERT

4-1e

4.1 INSTRUMENTATION AND CONTROL

Applicability

Applies to the reactor protective system and other critical instrumentation and controls.

Objective

To specify the minimum frequency and type of surveillance to be applied to critical plant instrumentation and controls.

Specifications

Calibration, testing, and checking of instrument channels, reactor protective system and engineered safeguards system logic channels and miscellaneous instrument systems and controls shall be performed as specified in 4.1.1 and in Tables 4.1.1 to 4.1.3.

4.1.1 Overpressure Protection Systems

a. Each PROV shall be demonstrated operable by:

1. Performance of a channel functional test on the PORV actuation channel, but excluding valve operation, within 31 days prior to entering a condition in which the PORV is required operable and at least once per 31 days thereafter when the PORV is required operable.
2. Performance of a channel calibration on the PORV actuation channel at least once per 18 months.
3. Verifying the PORV isolation valve is open at least once per 72 hours when the PORV is being used for overpressure protection.
4. Testing in accordance with the Inservice Inspection requirements for ASME Section XI, Subsection IWV, for Category B valves. /
/
/



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 149 TO FACILITY OPERATING LICENSE NO. DPR-20

CONSUMERS POWER COMPANY

PALISADES PLANT

DOCKET NO. 50-255

1.0 INTRODUCTION

By letter dated July 11, 1990, Consumers Power Company (the licensee) requested amendment to the Technical Specifications (TS) appended to Facility Operating License No. DPR-20 for the Palisades Plant. The proposed amendment would modify the Palisades Technical Specifications (TS) Section 4.1.1.a.4 to change the testing requirements of the Pressurizer Power Operated Relief Valves (PORV) from ASME Code, Section XI, Category C to Category B.

2.0 EVALUATION

Palisades Technical Specification Section 4.1.1.a.4 currently requires that each PORV be tested in accordance with the inservice inspection requirements for Category C valves as defined in the 1983 ASME Boiler and Pressure Vessel Code, Section XI. Category C valves are defined in code article IWV-2200, as "...valves which are self-actuating in response to some system characteristic, such as pressure (relief valves) or flow direction (check valves)." The PORV's at the Palisades Plant were originally defined as Category C valves based on their function as pressure relief valves and were tested as required by article IWV-3500.

Classification of the PORV's as Category C valves is incorrect in that they are actuated via an external signal rather than being self-actuating as defined by the ASME Code. The NRC position is that the classification of the PORV's should be Category B. Under this classification the valves will be tested in accordance with the requirements of ASME Boiler and Pressure Vessel Code, Section XI, subsection IWV, paragraph IWV-3400. This testing schedule is significantly more conservative than the testing currently required by the plant technical specifications and is acceptable.

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.

9207020035 920619
PDR ADOCK 05000255
P PDR

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 and a change in a surveillance requirement. 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 this amendment involves no significant hazards consideration and there has been no public comment on such finding (55 FR 49447). Accordingly, this 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 this 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: M. Gamberoni

Date: June 19, 1992