

SEP 05 1985

Docket No. 50-255  
LS05-85-09-006

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

Dear Mr. Vandewalle:

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SUBJECT: DELETION OF TECHNICAL SPECIFICATION 4.13, REACTOR INTERNALS  
VIBRATION MONITORING

Re: Palisades Plant

The Commission has issued the enclosed Amendment No. 91 to Provisional Operating License No. DPR-20 for the Palisades Plant. This amendment is in response to your application dated March 29, 1985.

This amendment deletes Technical Specification 4.13, Reactor Internals Vibration Monitoring, which had been added as a requirement to the Technical Specifications to monitor the adequacy of modifications to the core barrel clamping features made in 1974. We have accepted your commitment to a 90-day surveillance program as recommended by ASME Standard OM-05, 1981, which will be administratively controlled and not part of the Technical Specifications. This is similar to what we have accepted at other plants including those presently being licensed.

A Notice of Consideration of Issuance of Amendment to License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on April 23, 1985 (50 FR 16002). No comments or requests for hearing were received.

A copy of our related Safety Evaluation is enclosed. This action will appear in the Commission's biweekly notice publication in the Federal Register.

Sincerely,

Original signed by

John A. Zwolinski, Chief  
Operating Reactors Branch #5  
Division of Licensing

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P PDR

Enclosures:

1. Amendment No. 91 to License No. DPR-20
  2. Safety Evaluation
- cc w/enclosures:  
See next page

DL: ORB #5

CJamerson  
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8/27/85

DL: ORB #5

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9/5/85

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

September 5, 1985

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John A. Zwolinski, Chief  
Operating Reactors Branch #5  
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2. Safety Evaluation

cc w/enclosures:  
See next page



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

CONSUMERS POWER COMPANY

PALISADES PLANT

DOCKET NO. 50-255

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 91  
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 March 29, 1985 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.

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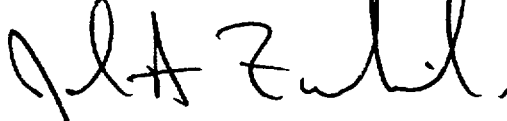
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 3.B. of Provisional Operating License No. DPR-20 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No.91, 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



John A. Zwolinski, Chief  
Operating Reactors Branch #5  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: September 5, 1985

ATTACHMENT TO LICENSE AMENDMENT NO. 91  
PROVISIONAL OPERATING LICENSE NO. DPR-20  
DOCKET NO. 50-255

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the enclosed pages. The revised pages are identified by the captioned amendment number and contain marginal lines indicating the area of change.

REMOVE

4-65  
4-66

INSERT

4-65  
4-66

4.13 Reactor Internals Vibration Monitoring (Deleted)

4.13 Continued

(Deleted)



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 91 TO PROVISIONAL OPERATING LICENSE NO. DPR-20

CONSUMERS POWER COMPANY

PALISADES PLANT

DOCKET NO. 50-255

1.0 INTRODUCTION

By letter dated March 29, 1985, the Consumers Power Company (CPC) submitted a request for changes to the Palisades Plant Technical Specifications that would delete Specification 4.13 Reactor Internals Vibration Monitoring. This Specification had been added to the Palisades Technical Specifications to require verification of the adequacy of modifications to increase the clamping force on the core barrel to prevent core barrel movement which had been discovered in 1973.

A Notice of Consideration of Issuance of Amendment to License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on April 23, 1985 (50 FR 16002). No comments or requests for hearing were received.

2.0 EVALUATION

Over the past 10 years, since the modifications to increase the clamping force on the core barrel, the licensee has monitored the neutron instrumentation signals and performed weekly analysis of the signal oscillations (noise analysis) to determine that the core barrel was not moving. The measured values were predictable and consistently far below established limits for vibration. At the last refueling outage the 10-year inservice inspection of the reactor vessel and its internals was performed. No evidence of additional vibration or movement was found. Therefore, the adequacy of the modification to prevent movement of the core barrel has been confirmed and this augmented monitoring requirement is no longer necessary. The Technical Specifications for other plants do not have such a requirement. We find the deletion of this program from the Technical Specifications for Palisades acceptable. It is, however, standard industry practice to monitor for core internals movement by following the 90-day surveillance program as recommended by ASME Standard OM-05, 1981. Consumers Power Company has committed to this program in their letter of March 29, 1985. We find this appropriate.

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### 3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change to a requirement with respect to the installation or use of facility components located within the restricted area as defined in 10 CFR Part 20 and changes to the surveillance requirements. 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. 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.

### 4.0 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, and (2) 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.

### 5.0 ACKNOWLEDGEMENT

This Safety-Evaluation has been prepared by Thomas V. Wambach.

Dated: September 5, 1985