

Docket



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

March 25, 1988

Docket No. 50-255

Mr. Kenneth W. Berry  
Director, Nuclear Licensing  
Consumers Power Company  
1945 West Parnall Road  
Jackson, Michigan 49201

Dear Mr. Berry:

SUBJECT: AMENDMENT NO. 113 TO FACILITY OPERATING LICENSE NO. DPR-20: SAFETY  
INJECTION TANK SURVEILLANCE FREQUENCY (TAC NO. 66187)

The Commission has issued the enclosed Amendment No. 113 to Provisional Operating License No. DPR-20 for the Palisades Plant. This amendment consists of changes to the Technical Specifications in response to your application dated September 11, 1987.

This amendment deletes a footnote from Table 4.2.1 involving sampling frequency of a safety injection tank that pertained to Cycle 5 operation only and is now out of date.

During Cycle 5, check valve leakage was causing dilution of one of the four safety injection tanks (T-82B). A change in the required boron concentration for this tank was incorporated in Amendment 74 to the Palisades License along with a requirement for increased frequency of sampling. During the refueling outage for Cycle 6, the check valves were repaired. Therefore, you requested deletion of the reduced boron concentration requirement on December 19, 1985, and by Amendment 101, dated February 10, 1987, this change was made. However, neither the request nor the Amendment took into account the attendant requirement of increased frequency of sampling for the affected tank. Continuing to sample this tank at an unnecessarily more frequent interval than the other three tanks would cause an unnecessary dose commitment and manpower burden. We, therefore, conclude that it is appropriate and acceptable to delete this requirement contained in a footnote to Table 4.2.1, as per your request of September 11, 1987. This reverts the specification back to its original condition prior to the check valve leakage which occurred in Cycle 5.

This amendment involves a change in a surveillance requirement. We have 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

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March 25, 1988

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.

We have 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.

The notice of issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

*Original signed by*

Thomas V. Wambach, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III, IV, V  
& Special Projects

Enclosure:  
Amendment No. 113 to  
License No. DPR-20

cc w/enclosure:  
See next page

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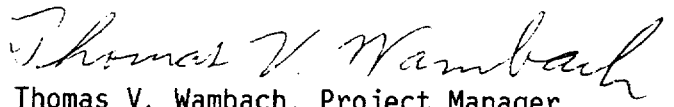
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Sincerely,

  
Thomas V. Wambach, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III, IV, V  
& Special Projects

Enclosure:  
Amendment No. 113 to  
License No. DPR-20

cc w/enclosure:  
See next page

Mr. Kenneth W. Berry  
Consumers Power Company

Palisades Plant

cc:

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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. 113  
License No. DPR-20

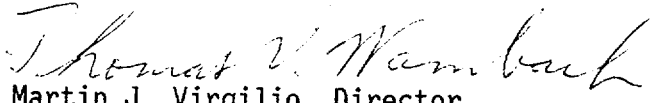
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Consumers Power Company (the licensee) dated September 11, 1987, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules 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:

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 113, 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

*for*   
Martin J. Virgilio, Director  
Project Directorate III-1  
Division of Reactor Projects - III, IV, V  
& Special Projects

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: March 25, 1988

ATTACHMENT TO LICENSE AMENDMENT NO.113  
PROVISIONAL OPERATING LICENSE NO. DPR-20  
DOCKET NO. 50-255

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

REMOVE

4-14

INSERT

4-14

TABLE 4.2.1  
Minimum Frequencies for Sampling Tests

	<u>Test</u>	<u>Frequency</u>	<u>FSAR Section Reference</u>	
1.	Reactor Coolant Samples	Gross Activity Determination	3 Times/7 days with a maximum of 72 hours between samples (T avg greater than 500°F).	None
		Gross Gamma by Fission Product Monitor	Continuous when T avg is greater than 500°F(1).	None
		Isotopic analysis for dose equivalent I-131 concentration	1/14 days during power operation	None
		Radio chemical for E determination	1/6 months (2)	None
		Isotopic analysis for iodine, including I-131, 133, 135	a) Once/4 hours, whenever dose equivalent I-131 exceeds 1.0 µCi/gram, and b) One sample between 2 and 6 hours following a thermal power change exceeding 15% of rated thermal power within a one hour period.	
		Chemistry (C1 and 02)	3 times/7 days with a maximum of 72 hours between samples (T avg greater than 210°F).	
		Chemistry (F1)	Once/30 days and following modifications or repair to the primary coolant system involving welding.	
2.	Reactor Coolant Boron	Boron Concentration	Twice/Week	None
3.	SIRW Tank Water Sample	Boron Concentration	Monthly	None
4.	Concentrated Boric Acid Tanks	Boron Concentration	Monthly	None
5.	SI Tanks	Boron Concentration	Monthly	6.1.2