July 1, 1993

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 - RADIOLOGICAL EFFLUENT TECHNICAL SPECIFICATIONS (RETS) - ERRATA TO AMENDMENT NO. 154 TO FACILITY OPERATING LICENSE NO. DPR-20 (TAC NO. M75060)

In response to your letter dated January 20, 1993, and as clarified in a conference call with Mr. Barry Young (Consumers Power) on June 30, 1993, we have confirmed that the changes to the plant Technical Specifications (TS) implemented by Amendment No. 154 to License No. DPR-20 for the Palisades Plant, which were transmitted to you by letter dated December 18, 1992, contained several minor typographical and pagination errors. In addition, page 3-50 was inadvertently omitted from the original issuance.

However, page 6-10 was not deleted in the original issuance of Amendment No. 54 and remains unchanged by this amendment.

The enclosed errata to Amendment No. 154 provides the corrected TS pages.

Sincerely,

Original signed by

Anthony H. Hsia, Project Manager Project Directorate III-1 Division of Reactor Projects - III/IV/V Office of Nuclear Reactor Regulation

NRC FILE CENTER

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Enclosures: Corrected TS Pages

cc w/enclosures: See next page

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Palisades Plant

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CORRECTION TO AMENDMENT NO. 154 TO FACILITY OPERATING LICENSE NO. DPR-20-PALISADES

NRC & Local PDRs PDIII-1 Reading J. Roe J. Zwolinski L. Marsh C. Jamerson A. Hsia J. Bradfute 13/E/6 OGC-WF D. Hagan, 3302 MNBB G. Hill (2), P-137 Wanda Jones, MNBB-7103 C. Grimes, 11/F/23 ACRS (10) OPA OC/LFDCB W. Shafer, R-III cc: Plant Service list

<u>ERRATA</u>

ATTACHMENT TO LICENSE AMENDMENT NO. 154

FACILITY OPERATING LICENSE NO. DPR-20

DOCKET NO. 50-255

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

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POWER DISTRIBUTION LIMITS

3.23.3 QUADRANT POWER TILT - T.

LIMITING CONDITION FOR OPERATION

References

- (1) FSAR, Section 7.4.2.2
- (2) FSAR, Section 7.6.2.4

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Amendment No. 144, 154 Corrected Page . . TABLE 4.1.3 Minimum Frequencies for Checks, Calibrations and Testing of Miscellaneous Instrumentation and Controls (Cont'd) Ļ

	Channel Description	Surveillance <u>Function</u>	Frances	
			TT COMERCE Y	Surveillance Method
	Source Range Neutron Monitors	a. Check	S	a. Comparison of both channel count rate indications when in
		b. Test	P	service.
		c. Calibrate	R	 C. Channel alignment through measurement/adjustment of internal test points.
2.	Primary Rod Position	a. Check	•	
	Indication System	b. Check	5	 Comparison of output data with secondary RPIS.
		c. Calibrate	Ŕ	 b. Check of power dependent insertion limits monitoring system. c. Physically measured rod drive position used to verify system (accuracy. Check rod position interlocks,
3	Secondamy Bod Destation			
	Indication System	a. Check	S	a. Comparison of output data with
	marcation system	b. Check	M	b. Same as 2(b) shows
		c. Calibrate	R	 Same as 2(c) above, including out-of-sequence alarm function.
4.	Area Monitors	a. Check	D	a. Normal readings observed and internal test signals
		b. Calibrate	•	used to verify instrument operation.
		c. Test	Ň	 c. Exposure to known external radiation source. c. Detector exposed to remote operated radiation check source or integral electronic check source.
5.	Emergency Plan Radiation			
	Instruments	a, calibrate	A	a. Exposure to known radiation source.
		D. Test	M	b. Battery check.
6.	(Deleted)			
7.	Pressurizer Level			
•	Instruments	a. Check	S	a. Comparison of two wide and two processions is
		b. Calibrate	R	level readings.
		c. Test	M	 b. Known differential pressure applied to sensor. c. Signal to meter relay adjusted with test device.

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ADMINISTRATIVE CONTROLS

- 6.8.4 The following programs shall be established, implemented, and maintained:
 - a. <u>Radioactive Effluent Controls Program</u>

A program shall be provided conforming with 10 CFR 50.36a for the control of radioactive effluents and for maintaining the doses to MEMBERS OF THE PUBLIC from radioactive effluents as low as reasonably achievable. The program (1) shall be contained in the ODCM, (2) shall be implemented by operating procedures, and (3) shall include remedial actions to be taken whenever the program limits are exceeded. The program shall include the following elements:

- 1) Limitations on the operability of radioactive liquid and gaseous monitoring instrumentation including surveillance tests and setpoint determination in accordance with the methodology in the ODCM,
- 2) Limitations on the concentrations of radioactive material released in liquid effluents to UNRESTRICTED AREAS conforming to 10 CFR 20, Appendix B, Table II, Column 2.
- 3) Monitoring, sampling, and analysis of radioactive liquid and gaseous effluents in accordance with 10 CFR 20.106 and with the methodology and parameters in the ODCM,
- 4) Limitation on the annual and quarterly doses or dose commitment to a MEMBER OF THE PUBLIC from radioactive materials in liquid effluents released from each unit to UNRESTRICTED AREAS conforming to Appendix I to 10 CFR 50,
- 5) Limitations on the dose rate resulting from radioactive material released in gaseous effluents to areas beyond the SITE BOUNDARY conforming to the doses associated with 10 CFR 20, Appendix B, Table II, Column 1.
- 6) Limitations on the annual and quarterly air doses resulting from noble gases released in gaseous effluents from each unit to areas beyond the SITE BOUNDARY conforming to Appendix I to 10 CFR 50,
- 7) Limitations on the annual and quarterly doses to a MEMBER OF THE PUBLIC from Iodine-131, Iodine-133, tritium and all radionuclides in particulate form with half-lives greater than 8 days in gaseous effluents released from each unit to areas beyond the SITE BOUNDARY conforming to Appendix I to 10 CFR 50,
- 8) Limitations on the annual doses or dose commitment to any MEMBER OF THE PUBLIC due to releases of radioactivity and to radiation from uranium fuel cycle sources conforming to 40 CFR 190.

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ADMINISTRATIVE CONTROLS

6.18 OFFSITE DOSE CALCULATION MANUAL (ODCM)

Changes to ODCM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.20. This documentation shall contain:
 - Sufficient information to support the change together with the appropriate analyses or evaluations justifying the change(s) and
 - A determination that the change will maintain the level of radioactive effluent control required by 10 CFR 20.106, 4 CFR 190, 10 CFR 50.36a, and Appendix I to 10 CFR 50 and not adversely impact the accuracy or reliability of effluent, dose, or setpoint calculations.
- b. Shall become effective after the review and acceptance by the PRC and the approval of the Plant General Manager.
- c. Shall be submitted to the Commission in the form of a complete, legible copy of the entire ODCM as a part of or concurrent with the Radioactive Effluent Release Report for the period of the report in which any change to the ODCM was made. Each change shall be identified by markings in the margin of the affected pages, clearly indicating the area of the page that was changed, and shall indicate the date (e.g., month/year) the change was implemented.

6.19 PROCESS CONTROL PROGRAM

Changes to the PROCESS CONTROL PROGRAM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.20. This documentation shall contain:
 - 1) Sufficient information to support the change together with the appropriate analyses or evaluation justifying the change(s) and
 - 2) A determination that the change will maintain the overall conformance of the solidified waste product to existing requirements of Federal, State, or other applicable regulations.
- b. Shall become effective after review and acceptance by the PRC and approval of the Plant General Manager.