

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

CONSUMERS POWER COMPANY

FALISADES PLANT

DOCKET NC. 50-255

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 110 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 January 19, 1988, 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.

8802090046 880201 PDR ADOCK 05000255 PDR ADOCK 05000255

Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license 2. 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.110 , 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: February 1, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 110

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	INSERT
11	11
vii	vii
3-82	3-82
3-83	3-83
4-14a	4-14a
	6-38

PALISADES PLANT TECHNICAL SPECIFICATIONS TABLE OF CONTENTS - APPENDIX A

SECTION	DESCRIPTION	
3.0	LIMITING CONDITIONS FOR OPERATION (Continued)	
3.10	CONTROL BOD AND DOUTE DISTBIBUTION LIMITS	2.00
3 10 1	CONTROL ROD AND FOREN DISIRIF STON LINIS	3-30
3 10 2	Individual Rod Worth	3-38
3 10 3	Part-Jeneth Control Pode	3-38
3.10.4	Misaligned or Inoperable Control Rod or	3=38
	Pari-Length Rod	3-60
3.10.5	Regulating Group Insertion Limits	3-60
3.10.6	Shutdown Rod Limits	3-61
3.10.7	Low Power Physics Testing	3-61
3.10.8	Center Control Rod Misalignment	3-61
Figure 3-6	Control Rod Insertion Limits	3-62
3.11	POWER DISTRIBUTION INSTRUMENTATION	3-65
3.11.1	Incore Detectors	3-65
3.11.2	Excore Power Distribution Monitoring System	3-66a
Figure 3.11-1	Axial Variation Bounding Condition	3=/i6d
3.12	MODERATOR TEMPERATURE COEFFICIENT OF REACTIVITY	3-67
3.13	CONTAINMENT BUILDING AND FUEL STORAGE BUILDING CRANES	3-69
3.14	CONTROL ROOM VENTILATION	3-70
3.15	REACTOR PRIMARY SHIELD COOLING SYSTEM	3-70
3.10	ENGINEERED SAFETY FEATURES SYSTEM INITIATION	100
T-11- 2 14 1	INSTRUMENTATION SETTINGS	3-71
lable 3.16.1	Engineered Safety Features System Initiation	
	Instrument Setting Limits	3=75
J.1/	INSTRUMENTATION AND CONTROL SYSTEMS	3=76
Table 3.17.1	Instrumentation Operating Requirements for Reactor Protective System	3-78
Table 3.17.2	Instrumentation Operating Requirements for	
	Eugineered Safety Feature Systems	3-79
Table 3.17.3	Instrument Operating Conditions for Isolation	
	Functions	3-80
Table 3.17.4	Instrumentation Operating Requirements for Other	
	Safety Feature Functions	3-81
3.18	(Deleted)	3-82 /
3.19	IODINE REMOVAL SYSTEM	3-84
3.20	SHOCK SUPPRESSORS (SNUBBERS)	3-88
		5 66
3.21	MOVEMENT OF SHIELDED SHIPPING CASK IN FUEL	
	HANDLING AREAS	3-92
3.22	FIRE PROTECTION SYSTEM	3-96
3.22.1	Fire Detection Instrumentation	3-96
Table 3.22.1	Fire Detection Instrumentation . Minimum Instruments	
	Operable	3-97

Amendment No. 37, 33, 68, 81, 83, 108, 110

PALISADES PLANT TECHNICAL SPECIFICATIONS TABLE OF CONTENTS - APPENDIX A

SECTION PAGE NO	DESCRIPTION	
6.0	ADMINISTRATIVE CONTROLS (Continued)	
6.5	DEVIEW AND AUDIT	6.8
6.5.1	Plant Review Committee (PRC)	6-5
6.5.2	Nuclear Safety Board (NSB)	6=6a
6.6	(Deleted)	6-10
6.7	SAFETY LIMIT VIOLATION	6-10
6.8	PROCEDURES	6-10
6.9	REPORTING REQUIREMENTS	6-11
6.9.1	Routine Reports	6-11
6.9.2	Reportable Events	6-12
6.9.3	Other Reporting Requirements	6-18
6.9.3.1	Routine Reports	6-18
6.9.3.1.A	Radioactive Effluent Releases	6-18
6.9.3.1.B	Annual Radiological Environmental Operating Report	6-24
6.9.3.2	Nonroutine Reports	6-25b
Table 6.9-1	Environmental Radiological Monitoring Program Summary	6-25c
6.9.3.3	Special Reports	6-26
6.10	RECORD RETENTION	6-26
6.11	RADIATION PROTECTION PROGRAM	6-28
6.12	HIGH RADIATION AREA	6-28
6.13	(Deleted)	6-33
6.14	(Deleted)	6-33
6.15	SYSTEMS INTEGRITY	6-33
6.16	IODINE MONITORING	6-33
6.17	POST ACCIDENT SAMPLING	6-34
6.18	OFFSITE DOSE CALCULATION MANUAL (ODCM)	6-35
6.19	PROCESS CONTROL PROGRAM (PCP)	6-35
6.20	MAJOR MODIFICATIONS TO RADIOACTIVE LIQUID, GASEOUS	
	AND SOLID WASTE TREATMENT SYSTEMS	6-36
6.21	SEALED SOURCE CONTAMINATION	6-37
6.22	SECONDARY WATER CHEMISTRY	6-38

3.18 (Deleted)

THIS PAGE INTENTIONALLY BLANK

THIS PAGE INTENTIONALLY LEFT BLANK

. .

.

Table 4.2.1 Minimum Frequencies for Sampling Tests

		Test	Frequency	FSAR Section Reference
6.	Spent Fuel Pool	Boron Concentration	Monthly ⁽⁷⁾	9.4
		Bulk Water Temperature	Continuously when bundles are stored in tilt pit racks with less than one year decay ⁽⁶⁾	None
7.	Secondary Coolant	Gas Radioactivity by Air Ejector Gas Monitor	Continuous ⁽⁵⁾ during power operation	None
		Coolant Gross Radio- activity	3 times/7 days with a maximum of 72 hours between samples	None
		Isotopic Analysis for Dose Equivalent I-131 Concentration	a) 1 per 31 days, whenever the gross activity determination indicates iodine concentrations greater than 10% of the allowable limit	
			b) 1 per 6 months, whenever the gross activity determination indicates iodine concentrations below 10% of the allowable limit.	
8.	Liguid Radwaste	Radioactivity Analysis	Prior to release of each batch	11.1
9.	Radioactive Gas Decay	Radioactivity Analysis	Prior to release of each batch	11.1
10.	Stack-Gas Monitor Particulate Samples	Iodine 131 and Particu- ulate Radioactivity	Weekly ⁽⁴⁾	11.1

Amendment No. 29, 110

111111

ADMINISTRATIVE CONTROLS

6.22 SECONDARY WATER CHEMISTRY

A program shall be established, implemented and maintained for monitoring of secondary water chemistry to inhibit steam generator tube degradation and shall include:

- Identification of a sampling schedule for the critical variables and control points for these variables,
- Identification of the procedures used to measure the values of the critical variables,
- 3. Identification of process sampling points, which shall include monitoring the discharge of the condensate pumps for evidence of condenser in-leakage.
- 4. Procedures for the recording and management of data,
- 5. Procedures defining corrective actions for all off-control point chemistry conditions, and
- 6. A procedure identifying (a) the authority responsible for the interpretation of the data, and (b) the sequence and timing of administrative events required to initiate corrective actions.