



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

April 29, 1985

Docket No. 50-255
LS05-85-04-038

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

Dear Mr. Vandewalle:

SUBJECT: TECHNICAL SPECIFICATION CHANGES RELATED TO MODIFICATION TO
RADIOLOGICAL EFFLUENT TECHNICAL SPECIFICATIONS (RETS)

Re: Palisades Plant

The Commission has issued the enclosed Amendment No.87 to Provisional Operating License No. DPR-20 for the Palisades Plant. This amendment is in response to your application dated October 25, 1984.

This amendment modifies the Technical Specifications to properly identify the appropriate waste gas decay tank for release and corrects the setpoint for three process monitors. Some clarification changes were made to the footnote relating to these three process monitors with your agreement.

Technical Specification 3.24.6.1 states ".... the waste gas decay tank with the lowest Xe-133 concentration shall be released." Since the gas decay tanks at Palisades are two different sizes, this could result in a larger total release of Xe-133 if a larger tank with less Xe-133 concentration is released. Therefore, the statement is being changed to read ".... the waste gas tank with the lowest Xe-133 content shall be released." This meets the intent of minimizing releases and is acceptable.

The process monitors involved in this change are the High Range Noble Gas Monitor, Main Steam Safety and Dump Valve Discharge Line Monitor, and Engineered Safeguards Room Vent System Monitor. These monitors are listed in Table 3.24-2 of the Technical Specifications along with the other process monitors at the plant. Specification 3.24.2.1 states that the instruments in Table 3.24-2 shall have "their alarm/trip setpoints set to ensure that the limits of Specification 3.24.5.1 are not exceeded." Those limits are for routine releases. These three process monitors are not intended for routine releases nor do they actuate any engineered safeguards systems or containment systems. These instruments provide only monitoring and alarm functions for accidental releases. Therefore, we find acceptable that these setpoints be governed by Emergency Implementing Procedures and Operating Procedures. A note to this effect is added to Table 3.24-2 by this change to the Technical Specifications.

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This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC 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.

The NRC 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.

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 January 23, 1985 (50 FR 3049). A notice of this action will appear in the Commission's monthly notice publication in the Federal Register.

Sincerely,

~~Original Signature~~

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

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Enclosure:

Amendment No.87 to
 License No. DPR-20

cc w/enclosure:
 See next page

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

CONSUMERS POWER COMPANY

DOCKET NO. 50-255

PALISADES PLANT

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 87
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 October 25, 1984, 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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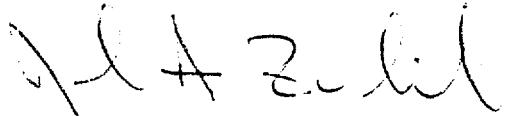
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 3.B of Provisional Operating License No. DPR-20 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B (Environmental Protection Plan), as revised through Amendment No.87, 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: April 29, 1985.

ATTACHMENT TO LICENSE AMENDMENT NO. 87

PROVISIONAL OPERATING LICENSE NO. DPR-20

DOCKET NO. 50-255

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

REMOVE

3-118

3-125

INSERT

3-118

3-125

TABLE 3.24-2

RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>	<u>MINIMUM CHANNELS OPERABLE</u>	<u>APPLICABILITY</u>	<u>ACTION</u>
1. WASTE GAS HOLDUP SYSTEM			
a. Noble Gas Activity Monitor (RIA 1113) Providing Alarm and Automatic Termination of Release	(1)	At All Times	35
b. Effluent System Flow Rate Measuring Device (FI 1121)	(1)	At All Times	36
2. CONDENSER EVACUATION SYSTEM (RIA 0631)			
a. Noble Gas Activity Monitor	(1)	Above 210°F	37
3. STACK GAS EFFLUENT SYSTEM			
a. Noble Gas Activity Monitor (RIA 2326 or RIA 2318)	(1)	At All Times	37
b. Iodine/Particulate/Sampler/Monitor (RIA 2325)	(1)	At All Times	37
c. Sampler Flow Rate Monitor	(1)	At All Times	36
d. Hi Range Noble Gas (RIA 2327) **	(1)	Above 210°F	38
4. STEAM GENERATOR BLOWDOWN VENT SYSTEM			
a. Noble Gas Activity Monitor (RIA 2320)	(1)	Above 210°F	37
5. MAIN STEAM SAFETY AND DUMP VALVE DISCHARGE LINE			
a. Gross Gamma Activity Monitor ** (RIA 2323 and 2324)	1 per Main Steam Line	Above 325°F	38
6. ENGINEERED SAFEGUARDS ROOM VENT SYSTEM			
a. Noble Gas Activity Monitor ** (RIA 1810 and 1811)	1 per room	Above 210°F	38

** Setpoints for these instruments are exempted from Specification 3.24.5.1 limits. Setpoints for these instruments are governed by Emergency Implementing Procedures or operating procedures.

3.24.6 GASEOUS WASTE TREATMENT SYSTEM

LIMITING CONDITION FOR OPERATION

3.24.6.1 THE WASTE GAS DECAY TANK SYSTEM shall be used to reduce radioactive gaseous effluents by holding gaseous waste collected by the system for a minimum of 15 days up to 60 days.

APPLICABILITY: When gaseous waste exceeds a Xe-133 concentration of $1E-05$ $\mu\text{Ci/cc}$.

ACTION:

- a. If a waste gas decay tank is required to be released with less than 60 days holdup time, the system waste gas tank contents shall be evaluated and the waste gas decay tank with the lowest Xe-133 content shall be released.
- b. Gaseous waste may be discharged directly from the waste gas surge tank through a high-efficiency filter or from a waste gas decay tank with less than 15 days of holdup directly to the stack for a period not to exceed 7 days if the holdup system equipment is not available and the release rates meet Specification 3.24.5.
- c. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

Not applicable.