

May 12, 1989

See Correction letter of 6/8/89

Docket No. 50-255

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

Dear Mr. Berry:

SUBJECT: AMENDMENT NO. 121 TO PROVISIONAL OPERATING LICENSE NO. DPR-20:
(TAC NO. 59310)

The Commission has issued the enclosed Amendment No.121 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 July 30, 1985, as supplemented by letter dated January 13, 1986.

This amendment changes the Technical Specifications by deleting the operability requirements for the high pressure safety injection (HPSI) flow instruments in Table 3.17.4.

A copy of our related Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

original signed by

Albert W. De Agazio, Project Manager
Project Directorate III-1
Division of Reactor Projects - III, IV, V
& Special Projects
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 121 to License No. DPR-20
2. Safety Evaluation

w. Hodges

cc w/enclosures:
See next page

LA/PD31:DRSP
PShuttleworth
8/12/89

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PM/PD31:DRSP
DDianni
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5/3/89

(A)D/PD31:DRSP
LYandell
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PDR	ADOCK
	05000255
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*cc
E. Rens
5/4/89
DF*

Mr. Kenneth W. Berry
Consumers Power Company

Palisades Plant

cc:

M. I. Miller, Esquire
Sidley & Austin
54th Floor
One First National Plaza
Chicago, Illinois 60603

Nuclear Facilities and
Environmental Monitoring
Section Office
Division of Radiological
Health
P.O. Box 30035
Lansing, Michigan 48909

Mr. Thomas A. McNish, Secretary
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Judd L. Bacon, Esquire
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Jerry Sarno
Township Supervisor
Covert Township
36197 M-140 Highway
Covert, Michigan 49043

Office of the Governor
Room 1 - Capitol Building
Lansing, Michigan 48913

Mr. Gerald B. Slade
Plant General Manager
Palisades Plant
27780 Blue Star Memorial Hwy.
Covert, Michigan 49043

Resident Inspector
c/o U.S. Nuclear Regulatory Commission
Palisades Plant
27782 Blue Star Memorial Hwy.
Covert, Michigan 49043



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

May 12, 1989

Docket No. 50-255
PAL-89-003

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

Dear Mr. Berry:

SUBJECT: AMENDMENT NO. 121 TO PROVISIONAL OPERATING LICENSE NO. DPR-20:
(TAC NO. 59310)

The Commission has issued the enclosed Amendment No. 121 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 July 30, 1985, as supplemented by letter dated January 13, 1986.

This amendment changes the Technical Specifications by deleting the operability requirements for the high pressure safety injection (HPSI) flow instruments in Table 3.17.4.

A copy of our related Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

A handwritten signature in cursive script that reads "Albert W. De Agazio".

Albert W. De Agazio, Project Manager
Project Directorate III-1
Division of Reactor Projects - III, IV, V
& Special Projects
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 121 to License No. DPR-20
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. 121
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 July 30, 1985 and supplemented by letter dated January 13, 1986, 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:

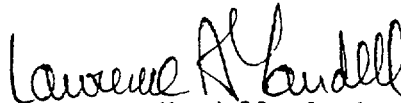
Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 121, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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PIC

3. This license amendment is effective as of the date of its issuance and shall be implemented not later than June 25, 1989 .

FOR THE NUCLEAR REGULATORY COMMISSION



Lawrence Yandell, Acting Director
Project Directorate III-1
Division of Reactor Projects - III, IV, V
& Special Projects
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: May 12, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 121

PROVISIONAL OPERATING LICENSE NO. DPR-20

DOCKET NO. 50-255

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

REMOVE

3-81

INSERT

3-81

Table 3.17.4

Instrumentation Operating Requirements for
Other Safety Feature Functions

<u>No.</u>	<u>Functional Unit</u>	<u>Minimum Operable Channels</u>	<u>Minimum Degree of Redundancy</u>	<u>Permissible Bypass Conditions</u>
1	SIRW Low-Level Switches	2 ^(b)	1	None
2	WT - Power Comparator	3 ^(c)	1	None
3	(Deleted)			/
4	Air Cooler Service Water Flow Instr.	1	None	None
5	Primary and Secondary Rod Insertion and Out-of-Sequence Monitors	1	None	NA
6	Fuel Pool Bldg Crane Interlocks	1	None	As Requested Under Administrative Control ^(a)
7	Start-Up Channels	2	1 ^(d)	Not Required Above 10 ⁻⁴ % of Rated Power

- (a) Crane shall not be used to move material past the fuel storage pool unless the interlocks are available.
- (b) One of the inoperable channels must be in the tripped condition.
- (c) If only 2 channels are operable, load shall be reduced to 70% or less of rated power.
- (d) Minimum operable channels shall be one (1) and minimum degree of redundancy is zero (0) if shutdown neutron power levels indicated on the log range channels are greater than 3 times the lowest decade in which neutron visibility can be confirmed. Neutron visibility will be confirmed through observation of reactivity changes on neutron power level (including a 1/M plot during reactor startup) and comparing the observed changes to the changes noted on previous similar startups. Instrumentation operability will also be verified by comparison among the three operable channels to ensure their individual responses are in agreement.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 121 TO PROVISIONAL OPERATING LICENSE NO. DPR-20

CONSUMERS POWER COMPANY

PALISADES PLANT

DOCKET NO. 50-255

1.0 INTRODUCTION

By letter dated July 30, 1985, and supplemented by letter dated January 13, 1986, Consumers Power Company (the licensee) requested a deletion of the operability requirement for the high pressure safety injection (HPSI) flow instruments. Specifically, Table 3.17.4, Item No. 3 "high-pressure safety injection (HPSI) flow instruments" would be deleted from the table.

2.0 EVALUATION

HPSI flow instruments monitor flow rate in each of the four injecting lines to each of the reactor coolant loops and provides no control or safety actuation functions. The operability of the flow instruments has no effect on the operability of the HPSI system and, therefore, are not needed to mitigate the consequences of any of the design basis accidents analyzed in the FSAR. However, these flow instruments are part of the instrumentation used to follow the course of an accident as required by Regulatory Guide 1.97. The licensee has submitted an acceptable response to Generic Letter 82-33 relating to the requirements of Regulatory Guide 1.97 as discussed in our letter to the licensee dated July 19, 1988.

The proposed change will in no way violate the guidelines of the Standard Review Plan with respect to requirements of systems or component operability. HPSI flow instruments are not included in the guidance of standard technical specifications (STS) as identified in Chapter 16 of the Standard Review Plan. Consequently, the instruments are not required to be included in the TS of the Combustion Engineering Plants. However, the staff does expect the adoption of an administrative control program addressing the operable status of the HPSI flow instruments as reflected by the guidelines of the STS. By letter dated January 13, 1986, the licensee responded to our concern by describing the existence of a control program at the Palisades Plant that includes the flow instruments in question. The response describes the control program as covering preventative maintenance, periodic surveillance, backup instrumentation and the return of inoperable instruments to operable status. We find the licensee's control program as an adequate means of assuring instrument operability during a potential accident condition.

Based on the above evaluation, the staff finds the deletion of HPSI flow instruments from Table 3.17.4 and the TS acceptable.

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3.0 ENVIRONMENTAL CONSIDERATION

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 and a change to the surveillance requirements and Administrative Controls. 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)(7) and (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

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 (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: May 12, 1989

Principal Contributor: D. C. DiIanni