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NOV 28 1977

Docket No. 50-255

Consumers Power Company  
ATTN: Mr. Dave Bixel  
Nuclear Licensing Administrator  
212 West Michigan Avenue  
Jackson, Michigan 49201

Gentlemen:

The Commission has issued the enclosed Amendment No. 32 to Provisional Operating License No. DPR-20 for the Palisades Plant. This amendment consists of changes to the Technical Specifications in response to your requests dated May 17 and August 12, 1977.

This amendment makes revisions to the Palisades Plant Technical Specifications to incorporate the minimum qualification requirements of the Radiation Protection Manager (Health Physicist). This amendment also changes Provisional Operating License No. DPR-20 to reflect the maximum authorized power level of 2530 Mwt as approved in Amendment No. 31 and as fully supported in our Safety Evaluation of November 1, 1977, which was issued with Amendment No. 31.

Copies of the Safety Evaluation and Notice of Issuance are also enclosed.

Sincerely,

151

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

- 1. Amendment No. 32 to DPR-20
- 2. Safety Evaluation
- 3. Notice

cc w/enc1:  
See next page

JSaltzman  
BHarless  
DEisenhut  
ACRS(16)  
CMils  
DRoss  
TBAbernathy  
JRBuchanan

CP 1

OFFICE	DOR:ORB#1	OELD	DOR:ORB#1	DOR:ORB#1	
SURNAME	GGZech:16		ASchwencer	JMcGough	
DATE	11/28/77	11/29/77	11/1/77	11/28/77	



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

November 28, 1977

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ATTN: Mr. Dave Bixel  
Nuclear Licensing Administrator  
212 West Michigan Avenue  
Jackson, Michigan 49201

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This amendment makes revisions to the Palisades Plant Technical Specifications to incorporate the minimum qualification requirements of the Radiation Protection Manager (Health Physicist). This amendment also changes Provisional Operating License No. DPR-20 to reflect the maximum authorized power level of 2530 Mwt as approved in Amendment No. 31 and as fully supported in our Safety Evaluation of November 1, 1977, which was issued with Amendment No. 31.

Copies of the Safety Evaluation and Notice of Issuance are also enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer".

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

1. Amendment No. 32 to DPR-20
2. Safety Evaluation
3. Notice

cc w/encl:  
See next page

November 28, 1977

cc: M. I. Miller, Esquire  
Isham, Lincoln & Beale  
Suite 4200  
One First National Plaza  
Chicago, Illinois 60670

U.S. Environmental Protection Agency  
Federal Activities Branch  
Region V Office  
ATTN: EIS COORDINATOR  
230 South Dearborn Street  
Chicago, Illinois 60604

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

Paul A. Perry, Secretary  
Consumers Power Company  
212 West Michigan Avenue  
Jackson, Michigan 49201

Myron M. Cherry, Esquire  
Suite 4501  
One IBM Plaza  
Chicago, Illinois 60611

Kalamazoo Public Library  
315 South Rose Street  
Kalamazoo, Michigan 49006

Mr. Jerry Sarno  
Township Supervisor  
Covert Township  
Route 1, Box 10  
Van Buren County, Michigan 49043

Mr. John D. Beck (2 cys)  
Division of Intergovernmental  
Relations  
Executive Office of the Governor  
Lewis Cass Building, 2nd Floor  
Lansing, Michigan 48913

Chief, Energy Systems  
Analyses Branch (AW-459)  
Office of Radiation Programs  
U.S. Environmental Protection Agency  
Room 645, East Tower  
401 M Street, SW  
Washington, D.C. 20460



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. 32  
License No. DPR-20

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The applications for amendment by Consumers Power Company (the licensee) dated May 17 and August 12, 1977, comply 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 applications, 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 revising paragraph 3.A and 3.B of Provisional License No. DPR-20 to read as follows:

"A. Maximum Power Levels

The licensee is authorized to operate the facility at steady-state reactor core power levels not in excess of 2530 megawatts thermal (100% of the rated power level of the facility).

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 32, 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



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: November 28, 1977

ATTACHMENT TO LICENSE AMENDMENT NO. 32

PROVISIONAL OPERATING LICENSE NO. DPR-20

DOCKET NO. 50-255

Revise Appendix A by removing page 6-1 and inserting the revised page 6-1.

## 6.0 ADMINISTRATIVE CONTROLS

### 6.1 RESPONSIBILITY

6.1.1 The Plant Superintendent shall be responsible for overall plant operation and shall delegate in writing the succession for this responsibility during his absence.

### 6.2 ORGANIZATION

#### 6.2.1 OFFSITE

The offsite organization for plant management and technical support shall be as shown on Figure 6.2-1.

#### 6.2.2 PLANT STAFF

The plant organization shall be as shown on Figure 6.2-2 and:

- a. Each on-duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Operator shall be in the control room when fuel is in the reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up (through 15% power), scheduled reactor shutdown and during recovery from reactor trips.
- d. An individual qualified in radiation protection procedures shall be on site when fuel is in the reactor.
- e. All core alterations after the initial fuel loading shall either be performed by a licensed Reactor Operator under the general supervision of a Senior Reactor Operator or directly supervised by a licensed Senior Reactor Operator (or Senior Operator limited to Fuel Handling) who has no other concurrent responsibilities during this operation.

### 6.3 PLANT STAFF QUALIFICATIONS

6.3.1 Each member of the plant staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions.

6.3.2 The Health Physicist shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975.<sup>(1)</sup>

(1) For the purpose of this section "Equivalent," as utilized in Regulatory Guide 1.8 for the bachelor's degree requirement, may be met with four years of any one or combination of the following; (a) Formal schooling in science or engineering, or (b) operational or technical experience/training in nuclear power.

### 6.4 TRAINING

6.4.1 A retraining and replacement training program for the plant staff shall be maintained under the direction of the Nuclear Training Administrator and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and Appendix "A" of 10 CFR, Part 55.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 32 TO PROVISIONAL OPERATING LICENSE NO. DPR-20

CONSUMERS POWER COMPANY

PALISADES PLANT

DOCKET NO. 50-255

Introduction

By letters dated May 17, and August 12, 1977, Consumers Power Company (the licensee) requested changes in the Technical Specifications appended to Provisional Operating License No. DPR-20 for operation of the Palisades Plant located in Van Buren County, Michigan. The proposed changes would incorporate the minimum qualification requirements of the Radiation Protection Manager (Health Physicist) into the Technical Specifications.

Background

In our letter of March 9, 1977, we noted that the licensee's Technical Specifications for Palisades Plant do not require that the individual performing the function of Radiation Protection Manager, (RPM), meet the minimum qualification requirements of Regulatory Guide 1.8, September 1975. As stated in this guide, it is our position that if the RPM is reassigned or the incumbent replaced, the new RPM should have qualifications equivalent to those stated in this guide.

To implement this provision, we requested that the licensee determine if the individual performing the function of RPM meets the minimum requirements of Regulatory Guide 1.8, September 1975. If it was determined that the RPM is so qualified, the licensee was advised to propose a Technical Specification to be included in the Administrative Controls Section which states that "the RPM (or equivalent position title) shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975."

By letter dated May 17, 1977, the licensee proposed a Technical Specification change in response to the above recommendation which would incorporate the minimum qualification requirement of the Radiation Protection Manager, or Health Physicist, for the Palisades Plant.

By letter dated August 12, 1977, the licensee requested an increase in the maximum authorized steady-state power from 2200 MWT to 2530 MWT. We issued amendment No. 31 on November 1, 1977, which approved that power increase, however, an associated change to the Palisades license was inadvertently omitted. We intend to correct that oversight upon issuance of this license amendment.

### Evaluation

The licensee's proposed Technical Specification change would require that the Palisades Plant Health Physicist meet or exceed the qualifications of Regulatory Guide 1.8, September 1975. The change would also include a foot note which states that the word "equivalent", as utilized in the guide for the bachelor's degree requirement, may be met with four years of any one or combination of the following: (a) formal schooling in science or engineering; or (b) operational or technical experience/training in nuclear power.

The licensee further explains in its submittal that its position is that the equivalency to a bachelor's degree is a minimum of four years operational or technical experience/training in nuclear power, and specifically for the Health Physicist, in radiological protection and controls. According to the licensee, this interpretation would allow highly competent technicians without bachelor's degrees to assume the position of Health Physicist as long as the other requirements of Regulatory Guide 1.8 are met.

The licensee's interpretation of the equivalency provision for the bachelor's degree requirement in Regulatory Guide 1.8, is consistent with that of the staff. In addition, since the licensee has committed to all other provisions of Regulatory Guide 1.8, September 1975, as recommended, we conclude that the proposed Technical Specification change is acceptable.

With regard to the licensee's September 12, 1977 request to increase the maximum allowable power level of the Palisades Plant from 2200 MWT to 2530 MWT, we issued Amendment No. 31 to Provisional Operating License No. DPR-20 on November 1, 1977, which made the appropriate Technical Specification changes to reflect this power increase and which was fully supported by our accompanying Safety Evaluation. Due to an inadvertent oversight, however, a provision in the Palisades Plant license which specifies the maximum authorized reactor core power level, was not changed from 2200 MWT to 2530 MWT. Since we fully supported the power increase in our November 1, 1977 Safety Evaluation and since Technical Specification changes have been issued identifying the higher power level, a change to the Palisades license identifying 2530 MWT as the authorized power level is considered to be administrative in nature and is therefore acceptable.

### Environmental Considerations

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

### Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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.

Date: November 28, 1977

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-255CONSUMERS POWER COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO PROVISIONAL  
OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 32 to Facility Operating License No. DPR-20, issued to Consumers Power Company (the licensee), which revised Technical Specifications for operation of the Palisades Plant, (the facility) located in Covert Township, Van Buren County, Michigan. The amendment is effective as of its date of issuance.

This amendment makes revisions to the Palisades Plant Technical Specifications to incorporate the minimum qualification requirements of the Radiation Protection Manager (Health Physicist). This amendment also revised the maximum authorized reactor power level specified in the Palisades license to reflect the increase from 2200 Mwt to 2530 Mwt approved in the Technical Specification changes and Safety Evaluation issued with Amendment No. 31 on November 1, 1977.

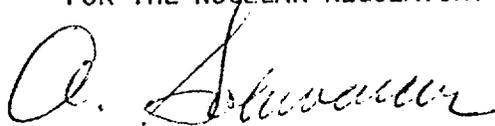
The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

- 2 -

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment. For further details with respect to this action, see (1) the applications for amendment dated May 17, and August 12, 1977, (2) Amendment No. 32 to License No. DPR-20, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C. and at the Kalamazoo Public Library, 315 South Rose Street, Kalamazoo, Michigan 49006. A copy of items (2) and (3) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 28th day of November 1977.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors