



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

March 6, 1984

DISTRIBUTION

ORB#1 Rdg  
CParrish  
DNeighbors  
Gray File

DOCKET No. 50-305

MEMORANDUM FOR: Docketing and Service Branch  
Office of the Secretary of the Commission

FROM: Office of Nuclear Reactor Regulation

SUBJECT: KEWAUNEE NUCLEAR POWER PLANT  
Wisconsin Public Service Corporation

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies ( 6 ) of the Notice are enclosed for your use.

- ☐ Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- ☐ Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- ☐ Notice of Consideration of Issuance of Amendment to Facility Operating License.
- ☐ Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- ☐ Notice of Availability of NRC Draft/Final Environmental Statement.
- ☐ Notice of Limited Work Authorization.
- ☐ Notice of Availability of Safety Evaluation Report.
- ☐ Notice of Issuance of Construction Permit(s).
- ☒ Notice of Issuance of Facility Operating License(s) or Amendment(s).
- ☐ Order.
- ☐ Exemption.
- ☐ Notice of Granting of Relief.
- ☐ Other:

Dated March 6, 1984. Re: TS involving undervoltage trip setpoints of the primary and second level undervoltage relays from 87.5% to 95.0% and from 95.0% to 92.5%. Please call Pam on ex. 28060 for fill in date on page 3 of notice.

Division of Licensing, ORB#1  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

ORB#1:DL

CParrish;ps

3/ /84

UNITED STATES NUCLEAR REGULATORY COMMISSION

WISCONSIN PUBLIC SERVICE CORPORATION

DOCKET NO. 50-305

NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENTS TO  
FACILITY OPERATING LICENSES AND PROPOSED NO SIGNIFICANT HAZARDS  
CONSIDERATION DETERMINATION AND OPPORTUNITY FOR HEARING

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-43, issued to Wisconsin Public Service Corporation (the licensee), for operation of the Kewaunee Nuclear Power Plant located in Kewaunee County, Wisconsin. The licensee's application for amendment is dated February 22, 1984.

The proposed amendment would revise the Technical Specifications involving undervoltage trip setpoints of the primary and second level undervoltage relays from 87.5% to 85.0% and from 95.0% to 92.5%, respectively. The technical basis for providing short term operation of safeguard motors at or above 80% of nameplate voltage, and providing prolonged operation of safeguard motors at or above 90% of nameplate voltage remains unchanged.

The licensee states that this proposed change is possible, without relaxation of the basis for the set-points, because:

- 2 -

- 1) The calculation method of determining voltage drops within the ac distribution system has been refined, utilizing computer load-flow calculations.
- 2) The taps on the 480V Bus 1-51 and 1-61 Station Service Transformers will be changed from unity to provide a  $2\frac{1}{2}\%$  voltage boost to their secondary side.

The basic methodology used in this analysis remains unchanged from that which formed the basis for the original second level setpoint and which was previously accepted by the NRC. The optimization process used to allow lowering of the setpoints is in accordance with Branch Technical Position P5B-1. item B.3. The revised setpoint is desirable because it increases the probability that an offsite source of power is available by increasing the margin to the setpoint.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident

- 3 -

from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

The Commission has provided guidance concerning the application of these standards by providing certain examples (48 FR 14870). The change related to the reduction in undervoltage trip setpoints appears to fall within the category of example (vi) of a no significant hazards consideration which may in some way reduce a safety margin but where the results of the change are clearly within all acceptable criteria. The new setpoints were derived using previously approved methodology.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Comments should be addressed to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Service Branch.

By April 12, 1984 , the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene. Requests for a hearing and petitions for

leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR §2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendment under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. The final determination will serve to decide when the hearing is held.

If the final determination is that the amendment request involves no significant hazards consideration, the Commission may issue the amendment and make it effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

If the final determination is that the amendment involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

- 6 -

Normally, the Commission will not issue the amendment until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 30-day notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish a notice of issuance and provide for opportunity for a hearing after issuance. The Commission expects that the need to take this action will occur very infrequently.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Att: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, N.W. Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union operator at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Steven A. Varga, Branch Chief, Operating Reactors Branch No. 1, Division of Licensing: petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of the FEDERAL REGISTER notice. A copy of the petition should also be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Mr. S. E. Keane, Foley and Lardner, First

- 7 -

Wisconsin Center, 777 E. Wisconsin Avenue, Milwaukee, Wisconsin 53202, attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for the amendment which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the University of Wisconsin Library Learning Center, 2420 Nicolet Drive, Green Bay, Wisconsin 54301.

Dated at Bethesda, Maryland, this 3rd day of March 1984.

FOR THE NUCLEAR REGULATORY COMMISSION



David Wigginton, Acting Branch Chief  
Operating Reactors Branch No. 1  
Division of Licensing

- 7 -

Wisconsin Center, 777 E. Wisconsin Avenue, Milwaukee, Wisconsin 53202,  
attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for the amendment which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the University of Wisconsin Library Learning Center, 2420 Nicolet Drive, Green Bay, Wisconsin 54301.

Dated at Bethesda, Maryland, this 3rd day of March 1984.

FOR THE NUCLEAR REGULATORY COMMISSION

**ORIGINAL SIGNED BY**

David Wigginton, Acting Branch Chief  
Operating Reactors Branch No. 1  
Division of Licensing

ORB#1:DL  
CParrish  
2/22/84

ORB#1:DL  
DNeighbors;ps  
2/27/84

C ORB#1:DL  
SVarga  
2/27/84

OELD  
B. Bordenich  
2/24/84

DW 3/6/84