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 SCHROCK, C.A.      Wisconsin Public Service Corp.  
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SUBJECT: Expresses thanks to NRC for expeditious review of alternate method for meeting station blackout rule.

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January 19, 1993

U. S. Nuclear Regulatory Commission  
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Gentlemen:

Docket 50-305  
Operating License DPR-43  
Kewaunee Nuclear Power Plant  
Station Blackout

Reference: 1) Letter to C. A. Schrock from A. G. Hansen dated November 19, 1992

In reference 1, the Nuclear Regulatory Commission (NRC) accepted the alternate method proposed by Wisconsin Public Service Corporation (WPSC) for meeting the station blackout (SBO) rule. The NRC accepted this alternate method provided WPSC establish a procedure in accordance with the guidance of NUMARC 87-00 for opening the control room cabinet doors within 30 minutes of the onset of an SBO event. Numarc 87-00 provides for opening of control room cabinet doors to ensure that the temperature does not exceed 120°F inside the cabinets. (see NUMARC 87-00 Appendix I Question #6).

WPSC will establish procedural controls in accordance with the guidance of NUMARC 87-00 for opening the control room vertical panel doors. However, WPSC has concluded that it is not necessary to open the control room console doors. The electrical equipment located within each of the control room consoles which would be energized during a station blackout event has been identified. This information was then used to calculate whether the average steady state bulk air temperature within any of the individual consoles would exceed 120°F with the doors closed. The results of this calculation show that the temperature does not exceed 120°F within any of the control room consoles during the 4 hour station blackout period. Therefore, since the temperature inside the control room consoles are being maintained below 120°F, WPSC is

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meeting the guidance provided in NUMARC 87-00 and thus concludes that the control room console doors do not have to be opened. The documentation associated with this issue (Calculation No. C10489) will be available for review at the Kewaunee Nuclear Power Plant.

Finally, WPSC would like to take this opportunity to thank the NRC staff for their expeditious review of our alternate method for meeting the station blackout rule. WPSC recognized the burden this review placed upon the staff, especially considering that the review was requested to be completed within such a short time period.

Sincerely,



C. A. Schrock

Manager - Nuclear Engineering

DJM

cc - US NRC - Region III

Mr. Patrick Castleman, US NRC