

October 1, 1991

Docket No. 50-305

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Mr. Ken H. Evers
Manager - Nuclear Power
Wisconsin Public Service
Corporation
P. O. Box 19002
Green Bay, Wisconsin 54037-9002

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Dear Mr. Evers:

SUBJECT: SUPPLEMENTAL SAFETY EVALUATION OF THE KEWAUNEE NUCLEAR POWER PLANT, RESPONSE TO THE STATION BLACKOUT RULE (TAC NO. 68558)

The NRC staff's Safety Evaluation (SE) pertaining to your initial responses to the Station Blackout (SBO) Rule, 10 CFR 50.63, "Loss of All Alternating Current Power," was transmitted to Wisconsin Public Service Corporation (WPSC) by letter dated November 20, 1990. The staff found your proposed method of coping with an SBO to be acceptable, subject to the satisfactory resolution of several recommendations that were itemized in the staff's SE. You responded to the staff's SE, and specifically to the recommendations, by letter from K. H. Evers, WPSC, to the U. S. Nuclear Regulatory Commission, dated March 1, 1991.

You provided responses to each of the staff's recommendations except the EDG Reliability Program recommendation. Your responses to each of the staff's recommendations have been evaluated in the enclosure and found to be acceptable. In addition, we understand that confirmation of the implementation of an EDG reliability program which meets the guidance of RG 1.155, Section 1.2, will be included in the documentation supporting the SBO submittals which are maintained by you.

Based on our review of your submittals, we conclude that your proposed plan for coping with an SBO conforms to the requirements of the SBO rule. This constitutes closeout action for Multiplant Action A022.

Sincerely,

Original Signed by:

Allen G. Hansen, Project Engineer
Project Directorate III-3
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure: As stated

cc: See next page

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PDR ADOCK 05000305
PER

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LA/PDIII-3
PKreutzer
9/11/91

AGH
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AHansen:rc
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JHannon
10/1/91

*FR With added
See 1.1 to SE*
BC/SELB
FRosa
9/24/91

RF
PM/PDIII-3
A Gody, Jr.
9/11/91 / 10/1/91

DOCUMENT NAME: 68558 SSE SBO RULE

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You provided responses to each of the staff's recommendations except the EDG Reliability Program recommendation. Your responses to each of the staff's recommendations have been evaluated in the enclosure and found to be acceptable. In addition, we understand that confirmation of the implementation of an EDG reliability program which meets the guidance of RG 1.155, Section 1.2, will be included in the documentation supporting the SDO submittals which are maintained by you.

Based on our review of your submittals, we conclude that your proposed plan for coping with an SBO conforms to the requirements of the SBO rule. This constitutes closeout action for Multiplant Action A022.

Sincerely,

Original Signed by:

Allen G. Hansen, Project Engineer
Project Directorate III-3
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

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Mr. Ken H. Evers
Wisconsin Public Service Corporation

Kewaunee Nuclear Power Plant

cc:

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