

February 15, 1990

Docket Nos. 50-266
and 50-301

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Mr. C. W. Fay, Vice President
Nuclear Power Department
Wisconsin Electric Power Company
231 W. Michigan Street, Room 308
Milwaukee, Wisconsin 53201

Dear Mr. Fay:

SUBJECT: RESPONSE TO BULLETIN 89-03: POTENTIAL LOSS OF REQUIRED SHUTDOWN
MARGIN DURING REFUELING OPERATIONS (TAC NOS. 75446 AND 75447)

On November 21, 1989, the NRC staff issued Bulletin 89-03 entitled "Potential Loss of Required Shutdown Margin During Refueling Operations." This bulletin, addressed to all holders of operating licenses or construction permits for pressurized water reactors, requested that actions be taken to ensure that an adequate shutdown margin is maintained during all refueling operations. In order to accomplish this, three actions were described:

1. Assure that any intermediate fuel assembly configuration (including control rods) intended to be used during refueling is identified and evaluated to maintain sufficient refueling boron concentration to result in a minimum shutdown margin of approximately 5%.
2. Assure that fuel loading procedures only allow those intermediate fuel assembly configurations that do not violate the allowable shutdown margin and that these procedures are strictly adhered to.
3. Assure that the staff responsible for refueling operations is trained in the procedures recommended in Item 2 above and understand the potential consequences of violating these procedures. This training should include the fundamental aspects of criticality control with enriched fuel assemblies.

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Mr. C. W. Fay

-2-

By letter dated January 11, 1990, you responded to Bulletin 89-03 and indicated that programs will be implemented to address all three actions described above. Therefore, the staff considers your response to Bulletin 89-03 to be satisfactory and TAC Nos. 75446 and 75447 to be closed.

Sincerely,

/s/

Warren H. Swenson, Project Manager
Project Directorate III-3
Division of Reactor Projects - III,
IV, V and Special Projects

cc: See next page

DOCUMENT NAME: TAC NOS 75446/47 CLOSEOUT MEMO

Office: LA/PDIII-3
Surname: PKreutzer
Date: 2/15/90

RE/PD33 PM
ALDMS/WSwenson/tg
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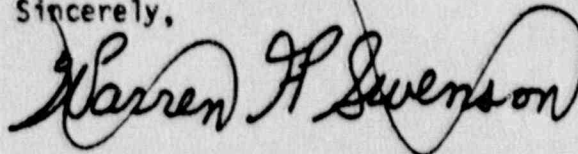
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Mr. C. W. Fay

-2-

By letter dated January 11, 1990, you responded to Bulletin 89-03 and indicated that programs will be implemented to address all three actions described above. Therefore, the staff considers your response to Bulletin 89-03 to be satisfactory and TAC Nos. 75446 and 75447 to be closed.

Sincerely,

A handwritten signature in cursive script that reads "Warren H. Swenson". The signature is written in black ink and is positioned above the typed name and title.

Warren H. Swenson, Project Manager
Project Directorate III-3
Division of Reactor Projects - III,
IV, V and Special Projects

cc: See next page

Mr. C. W. Fay
Wisconsin Electric Power Company

Point Beach Nuclear Plant
Units 1 and 2

cc:

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