

JUN 27 1984

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Please demonstrate that manual action can be relied upon to mitigate boron dilution events by showing how your design conforms to the SRP criteria. If you choose not to conform to the SRP criteria (e.g., allow shorter times for operator actions, do not install positive alarms which meet the single failure criterion), please provide justification for the acceptability of your design. We will specifically need the data base (operational history, simulator data, etc.) which supports any significant reduction in the operator action times specified in the SRP.

Please provide your response to the above request by July 9, 1984 so that the staff can prepare to meet with KG&E to discuss your request in more detail.

Sincerely,

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

cc: See next page

CONCURRENCES:
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PO' Connor:es
6/26/84

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DL:LB#1
JH Stonich
6/27/84

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BJ Youngblood
6/27/84

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~~Docket File~~
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 27 1984

Docket No.: 50-482

Mr. Glenn L. Koester
Vice President - Nuclear
Kansas Gas and Electric Company
201 North Market Street
P. O. Box 208
Wichita, Kansas 67201

Dear Mr. Koester:

Subject: Request for Deletion of the Boron Dilution Mitigation
System Technical Specification

By letter dated March 16, 1984, Kansas Gas and Electric Company (KG&E) requested deletion of the Boron Dilution Mitigation System Technical Specification. Based upon our review of your submittal we have determined that we require additional information to complete our review.

You conclude that automatic termination of the boron dilution event is not necessary, and that manual action can be relied upon based upon a calculated low probability of resulting core damage. The staff has historically allowed reliance on manual action to mitigate boron dilution events. The acceptability of allowing reliance on manual action is based on: (a) assuring that the operator has sufficient time to be alerted to a boron dilution event so that appropriate manual actions can be taken before the subcritical margin is lost, and (b) assuring that appropriate alarms are available to alert the operator to a boron dilution event. The Standard Review Plan (SRP) section identifies acceptable times, from the time the operator is alerted to a boron dilution event, for the operator to take the necessary corrective action for each mode of operation. In general, the alarm system should meet the single failure criterion.

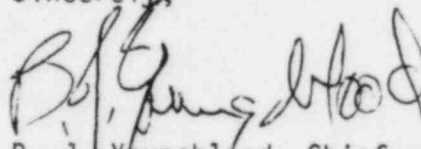
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Please provide your response to the above request by July 9, 1984 so that the staff can prepare to meet with KG&E to discuss your request in more detail.

Sincerely,

A handwritten signature in cursive script, appearing to read "B. J. Youngblood".

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

cc: See next page

JUN 27 1984

WOLF CREEK

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