

Docket file

Docket No. 50-298

July 15, 1981



Mr. J. M. Pilant, Director  
Licensing & Quality Assurance  
Nebraska Public Power District  
P. O. Box 499  
Columbus, Nebraska 68601

Dear Mr. Pilant:

SUBJECT: IMPLEMENTATION OF UNRESOLVED SAFETY ISSUE A-10, BWR NOZZLE CRACKING

By letter dated January 7, 1981, you provided information regarding implementation of guidance from NUREG-0619 at the Cooper Nuclear Station. NUREG-0619, issued by letter dated November 13, 1980, contained the NRC staff's resolution of Unresolved Safety Issue A-10.

We have reviewed your commitments included in the January 7, 1981 letter. With regard to the feedwater nozzle and related system changes, clarification of our position is evidently in order. You took exception to the need for rerouting of the Reactor Water Cleanup (RWCU) system to all feedwater nozzles, citing the ratio of RWCU flow to feedwater flow (1 to 100) as the basis for needing no action.

The ratio cited is the full power ratio and is of course not representative of the ratio at very low power levels, as during startup, when the temperature differential between reactor water and feedwater is greatest and when the proposed modification would have its greatest impact. Results from one operating BWR indicate that the modification can be accomplished relatively inexpensively. We, therefore, request that you reconsider this modification and inform us of your decision, including detailed justification if a decision is made not to proceed with the modification.

With regard to the control rod drive (CRD) hydraulic system modifications, please submit information regarding the results of testing performed during the Spring 1981 outage, including your decision with regard to rerouting the CRD return line. We will also require your commitments with regard to the guidance of Paragraph 8.2 of NUREG-0619. *As per*

Please submit the information requested above within 45 days of receipt of this letter. In the event that this information cannot be provided within the time specified, please propose a revised date and justification for the delay.

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P PDR

Although similar requests for information will be sent to other licensees regarding their implementation of NUREG-0619 guidance, each request is plant-specific and the effort required in response varies with the number of deviations from the NUREG's guidance. Therefore, the reporting requirements contained in this letter are considered to affect fewer than 10 persons and are required to obtain a benefit. Therefore, the requirements are not subject to Office of Management and Budget clearance as required by P.L. 96-511.

*request*

Sincerely,

Thomas M. Novak, Assistant Director  
for Operating Reactors  
Division of Licensing

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Mr. J. M. Pilant  
Nebraska Public Power District

cc:

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