

Nebraska Public Power District

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April 13, 1981

Mr. Darrell G. Eisenhut, Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555



Subject: Post TMI-Requirements/Action Plan
Cooper Nuclear Station
NRC Docket No. 50-298, DPR-46

Reference: 1) Letter from D. G. Eisenhut to All Licensees
Dated October 31, 1980, Same Subject

2) Letter from D. B. Waters to D. G. Eisenhut
Dated March 31, 1980, "BWR Owner's Group
Evaluations of NUREG 0737 Requirements
II.K.3.16 and II.K.3.18"

Dear Mr. Eisenhut:

Reference 1 required Nebraska Public Power District to address the following two TMI Action Plan Requirements at this time:

II.K.3.16: Reduction of Challenges and Failures of Relief Valves

Reference 1 required that a feasibility study be submitted evaluating reducing challenges to relief valves by various methods. This study which applies to CNS was submitted to the NRC by the BWR Owner's Group in Reference 2. The NRC required that challenges to the relief valves be reduced substantially (by an order of magnitude) based upon the feasibility study. Cooper Nuclear Station will achieve a reduction in the frequency of Stuck Open Relief Valves (SORV's) by approximately a factor of ten as compared to the benchmark BWR/4 plant by utilizing the following methods:

- 1) Two stage Target Rock relief valves were recently installed on all SRV's at CNS.
- 2) Manual actuations will be implemented per the BWR Emergency Procedure Guidelines to minimize multiple automatic actuations.

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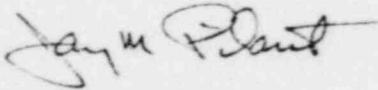
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II.K.3.18: Modification of Automatic Depressurization System Logic

Reference 1 required that a study be submitted which determines the feasibility and benefits of extending the operation of BWR Automatic Depressurization Systems (ADS) to include transient events which do not result in a release of steam to the drywell. This study which applies to CNS was submitted to the NRC by the BWR Owner's Group in Reference 2. The District has evaluated the five ADS logic options considered in this study and has determined that the current ADS logic design is adequate based upon the 30 to 40 minutes which the operator has to depressurize the vessel under worst case conditions and the BWR symptom-oriented Emergency Procedure Guidelines which will be utilized at CNS.

If additional clarification is required on either of these two items, please contact me.

Sincerely,



Jay M. Pilant
Director of Licensing
and Quality Assurance

JMP:JDW:cmk