

Nebraska Public Power District

COOPER NUCLEAR STATION
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NLS960059
April 12, 1996

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Subject: Evaluation Results for RR-MOV-MO53A and RR-MOV-MO53B;
Generic Letter 89-10 Activities
Cooper Nuclear Station
NRC Docket 50-298, DPR-46

- References:
- 1) Letter (No. NLS950182) to U.S. NRC Document Control Desk from John H. Mueller (Nebraska Public Power District) dated September 6, 1995; Subject: Changes to Commitments with Justification and Clarification
 - 2) Letter (TAC No. M93414) to Guy R. Horn from James R. Hall (Senior Project Manager) dated November 27, 1995; Subject: Changes to Generic Letter 89-10 Commitments

Gentlemen:

By letter dated September 6, 1995, (Reference 1), the Nebraska Public Power District (District) provided clarification of actions being taken with regard to RR-MOV-MO53A and RR-MOV-MO53B. Specifically, the District stated that an evaluation was under way which would result in a change to the design basis stroke time and reduce the maximum expected differential pressures (MEDP) for the subject valves. In response, by letter dated November 27, 1995, (Reference 2), the NRC requested the District inform the staff of the results of this evaluation and of any further modifications to the valves arising from the evaluation findings. This letter provides the requested information.

The District contracted General Electric (GE) to perform an evaluation of the design basis stroke time and MEDP for RR-MOV-53A and RR-MOV-MO53B. As documented in NEDC 95-198, Revision 0, "Review of Recirculation Pump Discharge Valve Stroke Time and Maximum Expected Pressure Difference Relaxations," the MEDP for the subject valves was reduced from 232 psid to the following values, based on valve stroke times.

220062

9604220231 960412
PDR ADOCK 0500029C
P PDR

AOB4.1

NLS960059
April 12, 1996
Page 2 of 2

<u>Valve Stroke Time (seconds)</u>	<u>Maximum Expected Valve DP (psid)</u>
21	200
25	190
30	180
35	170
40	160

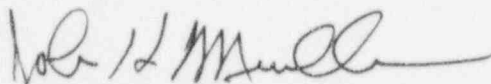
The design basis closing stroke time for RR-MOV-53A and RR-MOV-MO53B was not revised and remains at 20-26 seconds.

Utilizing the above values and the current field measured stroke times of approximately 22 seconds, a 200 psid MEDP was assigned to both valves. Accordingly, NEDC 91-244, "System Level Design Basis Review for the Reactor Recirculation System Motor-Operated Valves," has been revised to incorporate the new MEDP value.

Since the new MEDP value provides adequate operating margin for RR-MOV-53A and RR-MOV-MO53B, no further modifications are planned as a result of the evaluation findings.

If you have any questions or require additional information, please contact me.

Sincerely,



John H. Mueller
Site Manager

/crm

cc: Regional Administrator
USNRC - Region IV

Senior Project Manager
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector
USNRC

NPG Distribution

The following table identifies those actions committed to by the District in this document. Any other actions discussed in the submittal represent intended or planned actions by the District. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

[illegible]