



50-483

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 29, 1996

Mr. Donald F. Schnell
Senior Vice President - Nuclear
Union Electric Company
Post Office Box 149
St. Louis, Missouri 63166

SUBJECT: GENERIC LETTER 96-05, "PERIODIC VERIFICATION OF DESIGN-BASIS
CAPABILITY OF SAFETY-RELATED MOTOR-OPERATED VALVES" - CALLAWAY
PLANT, UNIT 1 (TAC NO. M97027)

Dear Mr. Schnell:

By letter dated November 6, 1996, Union Electric Company (UE) submitted its 60-day response to Generic Letter (GL) 96-05, "Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves," for the Callaway Plant, Unit 1. In the response, UE indicated that based on previous staff review of the GL 89-10 program at Callaway, UE did not plan to implement the requested actions in GL 96-05 and considered all actions in GL 96-05 to be closed for the Callaway Plant.

On June 8, 1994, the NRC staff notified you that we had completed our review of your GL 89-10 program. In that letter, we referred to your plans to perform periodic performance verification of your safety-related motor-operated valves (MOVs) and to continue to monitor industry data to ensure that margin was available to compensate for potential degradation. In the almost 2-1/2 years since the staff reviewed your GL 89-10 program, significant activities have been conducted by the industry and NRC to address long-term MOV performance. These activities include:

1. completion of the MOV performance prediction program by the Electric Power Research Institute and NRC issuance of a safety evaluation on the EPRI program;
2. preparation of a code case by the American Society of Mechanical Engineers on an MOV periodic verification program that could be used as an alternative to stroke-time testing; and
3. tests sponsored by the NRC on the aging of valve material samples.

In light of this new information, the staff requested in GL 96-05 that licensees who have developed MOV periodic verification programs in response to GL 89-10, review those programs to determine whether any changes are appropriate. The staff has also learned that the utility owners' groups are considering an industry-wide effort in developing long-term MOV programs in response to GL 96-05. Therefore, although the staff considered your MOV

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Mr. D. F. Schnell

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cc:

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Mr. Donald Schnell

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Based on the above, we request that you submit a supplement to your 60-day response within 15 days of receipt of this letter, indicating what action(s) you will be taking in response to GL 96-05 to ensure the effectiveness of the current MOV periodic verification program.

If you have any questions, please contact me at (301) 415-1362.

Sincerely,

Original signed by:

Kristine M. Thomas, Project Manager
Project Directorate IV-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

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Mr. Donald Schnell

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