



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

Docket File

July 2, 1991

Docket Nos. 50-237, 50-249
50-254, 50-265
and 50-373, 50-374

Mr. Thomas J. Kovach
Nuclear Licensing Manager
Commonwealth Edison Company-Suite 300
OPUS West III
1400 OPUS Place
Downers Grove, Illinois 60515

Dear Mr. Kovach:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RE: GENERIC LETTER (GL) 89-10,
SUPPLEMENT 3: "CONSIDERATION OF THE RESULTS OF NRC-SPONSORED TESTS
OF MOTOR-OPERATED VALVES" (TAC NOS. 77772, 77773, 77794, 77795,
77781, AND 77782)

By letter dated March 11, 1991, you submitted a response to the 120-day,
10 CFR 50.54(f), reporting requirements of GL 89-10, Supplement 3, for Dresden,
Quad Cities, and LaSalle. After reviewing your response, the staff has concluded
that the additional information identified in the enclosure is necessary to
make a safety determination regarding the subject motor-operated valves.

Response to the enclosed Request for Additional Information (RAI) is requested
within 30 days from receipt of this letter.

This request is covered by Office of Management and Budget Clearance Number
3150-0011, which expired June 30, 1991. A clearance extension for Part 50
is under review by OMB and is expected to be granted. The estimated average
burden hours are 80 person-hours per licensee response, including searching
data sources, gathering and analyzing the data, performing data evaluations,
and preparing the required letters. (These estimated average burden hours
pertain only to the identified response-related matters and do not include
the time for actual implementation of the requested action.) Send comments
regarding this burden estimate or any other aspect of this collection of
information, including suggestions for reducing this burden, to the
Information and Records Management Branch, Division of Information Management,
U.S. Nuclear Regulatory Commission, Washington D.C., 20555, and to the
Paperwork Reduction Project (3150-0011), Office of Management and Budget,
Washington D.C. 20503.

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July 2, 1991

Should you have any questions regarding this RAI, please contact me at (301) 492-3018.

Sincerely,

Original Signed By:

Leonard N. Olshan, Project Manager
Project Directorate III-2
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
Request for Additional Information

cc w/enclosure:
See next page

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REQUEST FOR ADDITIONAL INFORMATION
RE: SUPPLEMENT 3 TO GENERIC LETTER 89-10,
"CONSIDERATION OF THE RESULTS OF NRC-SPONSORED TESTS OF
MOTOR-OPERATED VALVES"
DRESDEN UNITS 2 AND 3

1. Identify any modifications (e.g., torque switch setting adjustments, gearing changes, or motor/actuator replacement) for each MOV within the scope of Supplement 3 to GL 89-10 since June 1990 or planned for the future.
2. Provide current torque switch settings, torque switch bypass, differential pressure, information necessary to confirm motor adequacy, and whether particular valves are flex wedge, split wedge, or parallel disk gate design for each MOV within the scope of Supplement 3.
3. In that you consider the Anchor Darling flex wedge and split wedge gate valves to be unpredictable, how do you plan to size the motor operator and set the torque switches for those valves?
4. In Information Notice 90-72 (November 28, 1990), "Testing of Parallel Disc Gate Valves in Europe," the NRC staff indicates that foreign utilities are using a valve factor of 0.4 for a new German design of parallel disk gate valve. How do you plan to confirm the sizing of the motor operator and its torque switch settings for the parallel disk design in your valves?
5. How have you addressed the rate of loading phenomenon in MOV sizing and torque switch settings?

REQUEST FOR ADDITIONAL INFORMATION
RE: SUPPLEMENT 3 TO GENERIC LETTER 89-10,
"CONSIDERATION OF THE RESULTS OF NRC-SPONSORED TESTS OF
MOTOR-OPERATED VALVES"
QUAD CITIES UNITS 1 AND 2

1. Identify any modifications (e.g., torque switch setting adjustments, gearing changes, or motor/actuator replacement) for each MOV within the scope of Supplement 3 to GL 89-10 since June 1990 or planned for the future.
2. Provide current torque switch settings, torque switch bypass, differential pressure, and information necessary to confirm motor adequacy for each MOV within the scope of Supplement 3.
3. In Information Notice 90-72 (November 28, 1990), "Testing of Parallel Disc Gate Valves in Europe," the NRC staff indicates that foreign utilities are using a valve factor of 0.4 for a new German design of parallel disk gate valve. How do you plan to confirm the sizing of the motor operator and its torque switch settings for the parallel disk design in your valves?
4. How have you addressed the rate of loading phenomenon in MOV sizing and torque switch settings?

REQUEST FOR ADDITIONAL INFORMATION
RE: SUPPLEMENT 3 TO GENERIC LETTER 89-10,
"CONSIDERATION OF THE RESULTS OF NRC-SPONSORED TESTS OF
MOTOR-OPERATED VALVES"
LASALLE UNITS 1 AND 2

1. Identify any modifications (e.g., torque switch setting adjustments, gearing changes, or motor/actuator replacement) for each MOV within the scope of Supplement 3 to GL 89-10 since June 1990 or planned for the future.
2. Provide current torque switch settings, torque switch bypass, differential pressure, information necessary to confirm motor adequacy, and whether particular valves are flex wedge, split wedge, or parallel disk gate design for each MOV within the scope of Supplement 3.
3. In that you consider the Anchor Darling flex wedge and split wedge gate valves to be unpredictable, how do you plan to size the motor operator and set the torque switches for any of those valves at LaSalle?
4. In Information Notice 90-72 (November 28, 1990), "Testing of Parallel Disc Gate Valves in Europe," the NRC staff indicates that foreign utilities are using a valve factor of 0.4 for a new German design of parallel disk gate valve. How do you plan to confirm the sizing of the motor operator and its torque switch settings for the parallel disk design in your valves?
5. How have you addressed the rate of loading phenomenon in MOV sizing and torque switch settings?