

OCT 27 1992

ENCLOSURE 4

MEMORANDUM FOR: John A. Zwolinski, Assistant Director
for Region III Reactors
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation (NRR)

FROM: Hubert J. Miller, Director
Division of Reactor Safety, Region III

SUBJECT: REQUEST FOR TECHNICAL ASSISTANCE
INTERPRETATION AND RESOLUTION OF
REGULATORY GUIDE (RG) 1.97 AT LASALLE,
DOCKET NUMBERS 50-373 AND 50-374
(AITS # 92-0638)

Determine if the licensee complies with RG 1.97, Revision 2 for the neutron flux monitoring instrumentation, the use of Rochester Model SC-1302 isolators, and the use of 22k Ohm resistors used as isolators.

Three unresolved items remain open.

Unresolved Item (373/88027-01(DRS);374/88026-01(DRS)): Determine adequacy of the neutron flux monitoring instrumentation in meeting the Category 1 requirements. The licensee's position is documented in the BWR Owner's Group letter dated August 16, 1990, and was also stated during subsequent discussions with the NRC, which indicated that further review by NRR was required.

Unresolved Item (373/88027-05(DRS);374/88026-05(DRS)): Evaluate and determine acceptance of the licensee's use of Rochester Model SC-1302 isolators. Maximum credible fault testing of the device was completed per Rochester Test Report No. 16376, Revision 4, copies of which were previously forwarded to NRR/SICB.

Unresolved Item (373/90022-01(DRS);374/90023-01(DRS)): Evaluate and determine acceptability of the licensee's use of 22k Ohm resistors to isolate the Category 1 variable, reactor vessel level from the plant's nonsafety-related Startrec system. We issued a Notice of Deviation (NOD) to the licensee for failure to use an acceptable isolation device to comply with the isolation requirements of RG 1.97, Revision 2. The NOD was based on previous discussions with NRR/SICB, which revealed that resistors were not considered acceptable isolation devices because adequate testing had not been performed. The licensee responded to the NOD in a letter dated November 9, 1990, which stated that they did not agree with the NOD, and that the resistor configuration provided adequate isolation protection to meet the requirements of RG 1.97. The licensee tested the resistor configuration (See letters dated June 14, and June 21, 1991). Test results verify that the resistors meet the requirements of RG 1.97.

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Direct any questions concerning this subject to either George Hausman at (708) 790-5523 or Frank Jablonski at (708) 790-5555. We consider this to be a Priority 2 item with a completion date of January 16, 1993.

ORIGINAL SIGNED BY ROBERT J. MILLER

Hubert J. Miller, Director
Division of Reactor Safety

Attachments:

1. Commonwealth Edison Letter
dated November 9, 1990
2. Commonwealth Edison Letter
dated April 15, 1991
3. Commonwealth Edison Letter
dated June 21, 1991
4. Sargent & Lundy Engineers Letter
dated November 9, 1990
5. Sargent & Lundy Engineers Letter
dated June 14, 1991

cc w/attachments:

B. L. Siegel, NRR
A. G. Hansen, NRR
B. S. Marcus, NRR
S. F. Newberry, NRR
DCD/DCB (RIDS)

RIII



Hausman
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Jablonski
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Martin
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