



Commonwealth Edison

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June 15, 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Zion Station Units 1 and 2
NUREG-0737, Items II.F.1.4
II.F.1.5, and II.F.1.6
NRC Docket Nos. 50-295 and 50-304

- References (a): May 13, 1983, letter from
F. G. Lentine to H. R. Denton.
- (b): March 17, 1983, letter from
S. A. Varga to D. L. Farrar.
- (c): February 8, 1983, letter from
S. A. Varga to L. O. DelGeorge.

Dear Mr. Denton:

This is to provide additional information that supplements our previous response of reference (a) on the subject NUREG-0737 Items.

Regarding Item II.F.1.5, Containment Water Level Monitoring System (CWLMS), reference (a) reported overall loop uncertainties of approximately 14%, based on a transmitter error of 10% from a design-basis LOCA environment. Because that environment is not representative of expected conditions during the monitoring period of interest, a lower value of transmitter error should be used for the calculation of overall loop uncertainties. The transmitter error under "normal" environmental conditions (80° - 130°F) is 0.5%. This value results in the following overall loop uncertainties:

- a. Transmitter to indicator - 4.13% error (wide range)
- b. Transmitter to indicator - 4.12% error (narrow range)

Please address questions you may have regarding this matter to this office.

Very truly yours,

F. G. Lentine

F. G. Lentine
Nuclear Licensing Administrator

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