Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

December 3, 1979

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

Subject: Dresden Station Units 1, 2 and 3
Quad-Cities Station Units 1 and 2
Zion Station Units 1 and 2
Commitments to Meet Near-Term
Requirements of the Lessons Learned Task
Force
NRC Docket Nos. 50-10/237/246, 50-254/265,
and 50-295/304

References (1): H. R. Denton letter to all operating plants dated October 30, 1979.

(2): C. Reed letter to D. G. Eisenhut dated October 18, 1979.

(3): D. G. Eisenhut letter to all operating plants dated September 13, 1979.

(4): C. Reed letter to H. R. Denton dated November 21, 1979.

(5): C. Reed letter to H. R. Denton dated November 30, 1979.

Dear Dr. Denton:

A November 29, 1979, phone conversation with members of your staff indicated the need for additional clarification of our response to your October 30, 1979, letter.

The enclosed supplementary response should be incorporated into our October 18, 1979, letter on Lessons Learned commitments.

One (1) signed original and seventy-nine (79) copies are provided for your use.

Very truly yours,

D. L. Peoples
Director of Nuclear Licensing

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ADD: LTR ENCL
J. BEARD 1 1
F. SHOPEC 1 1
L. RIANI 1 1
D. VERRELLI 1 1

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ENCLOSURE

2.1.6.a Systems Integrity for High Radioactivity

A summary description of our leakage reduction program and the systems covered by the program will be provided by January 1, 1980.

2.1.8.a Improved Post-Accident Sampling Capability

The capability to perform analyses of dissolved gases (H_2 and O_2) and pH in liquids and containment hydrogen will be added to the sampling system. The sampling system modifications and the remote analyses will be operational January 1, 1981, contingent upon equipment availability, delivery and installation time.

2.1.8.b Increased Range of Radiation Monitors

As an interim procedure to obtain operational information, a real time monitoring system will be developed. The system will consist of portable high range survey instruments for estimating noble gas releases based on a predetermined method of converting measured dose rate (mR/hr) into concentration (uCi/cc). This real time interim monitoring system will be operational January 1, 1980, provided no additional equipment is required. Any additional equipment will be obtained as soon as possible. This interim procedure will replace the previously proposed interim procedure based on collecting and analyzing grab samples.

2.1.8.c In Plant Iodine Instrumentation Under Accident Conditions

In order to obtain real time information on the amount of airborne iodine present at various locations in the plant during accident conditions, a portable iodine sampler, detector and associated electronic analysis equipment (i.e., single channel analyzer) will be purchased as soon as possible. All of this equipment will be portable and will be used to give an initial conservative estimate of the amount of airborne iodine.

This equipment and associated procedures will be operational January 1, 1980, contingent upon equipment availability and delivery time. The previously proposed procedure changes to sample and analyze highly radioactive iodine samples (analyzed by Ge(Li) spectrometer) will be deferred until January 1, 1981.