

NOTICE OF VIOLATION

Commonwealth Edison Company
Quad Cities Station
Units 1 and 2

Docket Nos. 50-254; 50-265
License Nos. DPR-29; DPR-30

During an NRC inspection conducted on April 6 through June 30, 1994, two violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violations are listed below:

1. 10 CFR 20.1501 requires that each licensee make or cause to be made surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present.

Pursuant to 10 CFR 20.1003, survey means an evaluation of the radiological conditions and potential hazards incident to the production, use, transfer, release, disposal, or presence of radioactive material or other sources of radiation.

Contrary to the above, on two occasions the licensee did not make surveys to comply with the regulations in Part 20. Specifically,

- a. On April 20, 1994, the licensee did not make surveys to assure compliance with 10 CFR 20.1201, which requires that licensees control the occupational total effective dose equivalent of adults to 5 rem annually. Specifically, an evaluation of the actual concentrations of radioactive material in air was not conducted during lapping of a valve.
- b. On May 13, 1994, the licensee did not make surveys to assure compliance with 10 CFR 20.1201, which requires that licensees control the occupational total effective dose equivalent of adults to 5 rem annually. Specifically, a worker entered the #2 dust collector tent area, on the 623' elevation of the Unit 1 Reactor Building, without an external exposure survey having been performed.

This is a Severity Level IV violation (Supplement IV).

2. Technical Specification 6.3 requires that radiation protection procedures be established, maintained, and adhered to.

Interim Procedure 670, "Refueling Pool Inventory Control," states, in part, that radioactive equipment or items stored in the refueling cavity that can cause a whole body exposure greater than 100 millirem/hour and are readily accessible must be conspicuously labeled to warn personnel of the radiation hazard.

Contrary to the above, on June 8, 1994, an irradiated part from a source range monitor or intermediate range monitor stored in a bucket in the refueling cavity that could cause a whole body exposure greater than 100 millirem/hour and was readily accessible was not conspicuously labeled to warn personnel of the radiation hazard. The contact dose rate of the irradiated part was about 5170 rem/hour.

This is a Severity Level IV violation (Supplement IV).

The inspection report showed that steps had been taken to correct violation No. 1 and to prevent recurrence. Consequently, no reply to violation No. 1 is required and we have no further questions regarding the matter. For violation No. 2, pursuant to the provisions of 10 CFR 2.201, Commonwealth Edison Co. is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington D.C. 20555 with a copy to the U. S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, Illinois, 60532 and a copy to the NRC Resident Inspector at the Quad Cities Nuclear Station, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for the violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order or a Demand For Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Dated at Lisle, Illinois
this 3rd day of August 1994