

## NOTICE OF VIOLATION

Commonwealth Edison Company  
Quad Cities Station, Units 1 and 2

Docket Nos. 50-254; 50-265  
Licenses No. DPR-29; DPR-30

During an NRC inspection completed on April 25, 1997, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG 1600, the violations are listed below:

1. Technical Specification 6.11 requires that procedures for personal radiation protection shall be prepared consistent with the requirements of 10 CFR Part 20 and shall be approved, maintained and adhered to for all operations involving personal radiation exposure.

Quad Cities Administrative Procedure No. 600-01 (Revision 0, dated December 4, 1995), "Control of Materials for Unconditional Release from Radiologically Posted Areas," Step B.10, requires that items being granted unconditional release shall not show activity above background with portable radiation detection instrumentation.

Contrary to the above, in September 1996, the licensee, granted items unconditional release that were determined with portable radiation detection instrumentation, to show activity primarily caused by cobalt-60, a beta-gamma emitting radionuclide, ranging from approximately 400 to 500,000 disintegrations per minute per square centimeter above background, averaged over the surface wiped.

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

2. 10 CFR 20.1701 requires that the licensee use, to the extent practical, process or other engineering controls (e.g. containment or ventilation) to control the concentrations of radioactive material in air.

Contrary to the above, on April 15, 1997, the licensee did not use, to the extent practical, process or other engineering controls to control the concentrations of radioactive materials in air while working on a reactor water cleanup system valve. Specifically,

- on one occasion, a ventilation system which was specified and practical for use while work was being performed in a containment device, was not used and
- on one occasion, decontamination work was performed outside of a containment device which was specified and practical for use during this work.

The failure to use these engineering controls resulted in the failure to control the concentrations of radioactive material in air.

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

Pursuant to the provisions of 10 CFR 2.201, Commonwealth Edison is hereby required to submit a written statement of explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington D.C. 20555 with a copy to the Regional Administrator, Region III, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice of Violation (Notice), within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each 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 violation, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. 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.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at Lisle, Illinois,  
this May 9th day of May 1997