

## NOTICE OF VIOLATION

Commonwealth Edison Company  
Zion Station, Units 1 and 2

Docket Nos. 50-295; 50-304  
Licenses No. DPR-39; DPR-38

During an NRC inspection conducted from March 24 - April 14, 1997, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violation is listed below:

Zion Technical Specification 6.2.2.A requires, in part, that radiation control procedures be prepared and implemented, which are consistent with the requirements of 10 CFR 20.

1. Procedure ZRP 5721-6, "Construction of Radiological Posted Contaminated Areas and Step Off Pad Areas," Revision 1, dated August 23, 1994, requires, in part, that cords and hoses crossing contamination boundaries be secured to prevent the spread of contamination.

Contrary to the above, on March 24 - 26, 1997, cords and hoses crossing contamination boundaries were not properly secured on the Auxiliary Building (AB) 617' elevation at the exit from the Fuel Building, the AB 592' elevation at the barrel compacting area and waste segregation area, the AB 579' elevation at the entrance to the crystallizer, the AB 560' elevation near the laundry drain tanks, the AB 542' elevation at the mechanical maintenance department cage, and the Turbine Building Unit 1 steam tunnel in the Unit 1 west valve house. (50-295/97009-01a; 50-304/97009-01a)

2. Procedure ZRP 5010-1, "Radiological Posting and Labeling Requirements," Revision 3, dated August 30, 1996, requires, in part, that the tygon tubes associated with yellow containments have radiation tape or radioactive material markings to identify them as containing radioactively contaminated liquids.

Contrary to the above, on March 25, 1997, tygon tubing associated with yellow containments did not have radiation tape or radioactive material markings in the AB 592' elevation near the penetration air receiver 1B; the AB 560' elevation near the evaporator monitor demineralizer OB, near the component cooling water pump OA, and outside of the instrument maintenance hot shop; and the AB 542' elevation near the blowdown monitor tank pump OB. (50-295/97009-01b; 50-304/97009-01b)

3. Temporary Change TA-96-489 (dated August 20, 1996) to procedure ZRP 5721-5, "Collecting, Laundering, Surveying, and Reissue Protective Clothing," Revision 1, dated January 12, 1994, requires that personnel removing protective clothing containers from a job site use a calibrated survey instrument to survey each bag of contaminated clothing.

Contrary to the above, on March 25, 1997, an individual removing protective clothing containers from the Fuel Building did not use a survey instrument to survey each bag of contaminated clothing. (50-295/97009-01c; 50-304/97009-01c)

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 or 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, within 30 days of the date of the letter transmitting the Notice of Violation (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 violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in the Notice, an order may be issued to show cause 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 6th day of May 1997