

## NOTICE OF VIOLATION

Commonwealth Edison Company  
LaSalle County Station, Units 1 and 2

Docket Nos. 50-373; 50-374  
License Nos. NPF-11; NPF-18

During an NRC inspection conducted on August 20 through October 7, 1994, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violation is listed below:

Title 10 of the *Code of Federal Regulations*, Part 50, Appendix B, Criterion XVI, states, in part, that "Measures shall be established to assure that conditions adverse to quality, such as failures, malfunctions, deficiencies, deviations, defective material and equipment, and nonconformances are promptly identified and corrected."

Contrary to the above, and for a period of over ten years from 1933 through August 3, 1994, the licensee did not promptly identify, nor take the proper actions to correct, several plant systems' flow measuring orifices, which were installed backwards. Specifically:

1. On June 9, 1982, Zion Station notified all ComEd nuclear stations that reactor coolant loop resistance temperature detector flow orifices were found installed backwards on Unit 2. On August 3, 1983, the two resultant LaSalle action item records (AIR) were closed based on verification of correct orifice orientation during initial plant construction and preoperational testing.
2. On October 5, 1990, NRC Information Notice (IN) 90-65 notified all power reactor licensees of recent problems associated with orifice misorientation. The resultant LaSalle Nuclear Tracking System (NTS) Item No. 373-103-90-06501 was closed based on the previous AIRs and IN 90-65 not applying to LaSalle.
3. On February 21, 1994, LaSalle Station's Unit 2 reactor core isolation cooling (RCIC) system isolated due to a burst rupture disc. The licensee determined part of the root cause was a drain line orifice improperly installed on the steam exhaust drain line. A planned corrective action to evaluate other systems for improper orifice installation was not timely.
4. Between July 25 and August 3, 1994, NRC inspectors identified flow measuring orifices installed backwards on the Units 1 and 2 fuel pool emergency make up pump lines, the Unit 2 low pressure core spray system discharge line, and the Unit 2 drywell floor drain discharge line.

This is a Severity Level IV violation (Supplement I).  
(VIO Nos. 373/94017-01(DRP); 374/94017-01(DRP))

Pursuant to the provisions of 10 CFR 2.201, Commonwealth Edison Company 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 this 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 this Notice, an order or a Demand for Information 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.

Dated at Lisle, Illinois  
this 9th day of November 1994