

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 August 23 through September 23, 1996, 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:

1. Title 10 CFR Part 50, Appendix B, Criterion V, "Instructions, Procedures and Drawings," requires, in part, that activities affecting quality shall be prescribed by instructions, procedures or drawings of a type appropriate to the circumstances.

Contrary to the above, Quad Cities annunciator procedure QCAN 901(2)-4-H-15, for responding to RCIC turbine gland seal vacuum tank high level - an activity affecting quality - was not appropriate to the circumstances in that it required action (verification that RCIC barometric condenser drain valves were open) which was impossible in any circumstance when the RCIC turbine steam inlet valve was open, due to a design interlock between the inlet and drain valves.

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

2. Title 10 CFR Part 50, Appendix B, Criterion V, "Instructions, Procedures, and Drawings," requires, in part, that instructions, procedures or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished.

Contrary to the above,

- a. In mid-March 1996 maintenance personnel completed work requests to rebuild the inboard main steam isolation valve (MSIV) manifold assemblies. The work packages did not provide quantitative or qualitative acceptance criteria for the length of the AC solenoid plunger assembly. Failure to verify that this length was correct resulted in the 1D MSIV becoming inoperable on September 3, 1996, due to an improper seating surface of the solenoid plunger.
- b. On August 19, 1996, maintenance personnel completed work request 940104117-02 on the 1D residual heat removal service water pump. The work request did not provide quantitative or qualitative acceptance criteria for the gap between the outboard radial bearing isolator (INPRO seal) and the rotating shaft sleeve nut. Failure to properly establish this gap resulted in the pump becoming inoperable on September 7, 1996, due to excessive heat (sparks) being emitted from the bearing.

- c. Unit 1 modification E04-1-93-244, to install new flow elements in the off gas system, was not verified by post-maintenance testing which included a test of the wiring from the flow element to the transmitter; as a result, the testing failed to disclose a wiring error.

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

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, 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. 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 reduction. 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 4th day of November 1996