

NOTICE OF VIOLATION

Commonwealth Edison Company

Docket No. 50-295
Docket No. 50-304

As a result of the inspection conducted on May 5 through June 5, 1986, and June 11, 1986, and in accordance with 10 CFR Part 2, Appendix C - General Statement of Policy and Procedure for NRC Enforcement Actions (1985), the following violation was identified:

10 CFR 50, Appendix B, Criterion XI as implemented by the Commonwealth Edison Corporate Quality Assurance Manual, requires that testing be performed in accordance with written test procedures and that test results be documented and evaluated to assure that test requirements have been satisfied.

Contrary to the above:

- a. The licensee performed an inadequate results evaluation for Technical Staff Surveillance Procedure TSS 15.6.51, "Zero Power Physics Measurements Following Refueling," performed for Unit 2 Cycle 9 on January 27-29, 1986, in that the independent review of the calculation of the critical operations restrictions to assure a negative moderator coefficient failed to detect that there were two errors present in the calculation. The failure to identify and correct the errors had minor safety significance.
- b. Testing was not performed in accordance with written test procedures in that:
 - (1) Procedure steps were skipped (not signed nor performed before proceeding to the next step) during the performance of the following test procedure:
 - ° TSS 15.6.51, "Zero Power Physics Measurements Following Refueling," performed for Unit 2 Cycle 9 on January 27-29, 1986: Steps 7.7.b and 7.9.b.
 - (2) Procedure steps at the end of surveillance procedures were not signed off prior to proceeding to an operational phase for which the surveillances were required to be performed:
 - ° TSS 15.6.54, "Isothermal Moderator Temperature Coefficient Measurements," performed for Unit 2 Cycle 9 on January 27-29, 1986: Steps G.1, G.2 and G.3.
 - ° TSS 15.6.55, "Rod and Boron Worth Measurements," performed for Unit 2 Cycle 9 on January 27, 1986: Steps A.5.6, A.5.6.1 and B.5.11.

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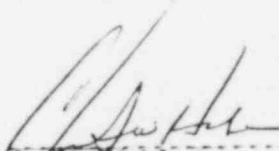
- (3) The Station Nuclear Engineer signed a step in TSS 15.6.51 that stated, "Based on Rod Worth Measurements adequate shutdown margin exists," prior to the time that the procedure steps related to evaluating rod worth measurements had been signed in procedures TSS 15.6.53, "Boron Endpoint Measurement," TSS 15.6.55, "Rod and Boron Worth Measurements," and TSS 15.6.51, "Zero Power Physics Testing Following Refueling."

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

Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including for each violation: (1) corrective action taken and the results achieved; (2) corrective action to be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may given to extending your response time for good cause shown.

JUL 3 1986

Dated _____


C. W. Hehl

Operations Branch