

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-454/84-56(DRS)

Docket No. 50-454

License No. CPPR-130

Licensee: Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Facility Name: Byron Station, Unit 1

Inspection At: Byron Site, Byron, Illinois

Inspection Conducted: August 24 through September 7, 1984

Inspectors: *L. A. Reyes for*
M. L. McCormick-Barger

9/28/84
Date

L. A. Reyes for
M. A. Ring

9/28/84
Date

Approved By: *L. A. Reyes*
L. A. Reyes, Chief
Test Programs Section

9/28/84
Date

Inspection Summary

Inspection on August 24 through September 7, 1984 (Report No. 50-454/84-56(DRS))

Areas Inspected: Routine announced inspection of licensee action on previous inspection findings, and startup test procedure reviews. The inspection involved a total of 28 inspector-hours onsite by two NRC inspectors, including 2 inspector-hours onsite during off-shifts.

Results: No items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

- *R. Pleniewicz, Assistant Superintendent, Operations
- *D. St. Clair, Technical Staff Supervisor
- *G. Stauffer, Technical Staff
- *D. Farr, Technical Staff
- *R. Poche, Technical Staff
- *R. Choinard, Technical Staff
- *D. Sible, QA Engineer
- *F. Willich, QA Inspector
- *L. Sues, Assistant Superintendent, Maintenance

*Denotes personnel present at the exit interview.

Additional station technical and administrative personnel were contacted by the inspectors during the course of the inspection.

2. Licensee Action on Previous Inspection Items

(Closed) Unresolved Item (454/84-49-06(DRS)): Inspector comment concerning documentation of review of startup test procedures against approved technical specifications. The Pre-Test Review Form for Startup Procedures was modified to include the following statement: "The Test Review Board has reviewed and approved the subject startup test for test performance in accordance with...applicable approved Technical Specifications." This item is considered closed.

3. Startup Test Procedure Review

- a. Below is a list of startup tests for which the inspectors have completed their review:

- 2.32.30, Revision 2, "Initial Core Loading Sequence"
- 2.32.32, Revision 2, "Initial Core Loading"
- 2.61.30, Revision 2, "Reactor Chemistry Sampling Systems for Initial Core Loading"

The procedures were reviewed against the Final Safety Analysis Report (FSAR), Safety Evaluation Report (SER), applicable Regulatory Guides and Standards, and portions of 10 CFR 50. These reviews resulted in a list of questions addressing test methods, FSAR commitments, technical specifications, availability of test references, use of special procedures, and incompatibility of specific procedure steps. The inspector met with members of the Technical Staff to discuss and resolve the issues. Review of these procedures following the licensee's incorporation of responses is an open item (454/84-56-01(DRS)).

- b. Using a random sampling of startup procedures, the inspectors reviewed the method used for exiting from test procedures in the event of an abnormal occurrence. While some methods were adequate, others were vague or potentially misleading. The licensee is in the process of reviewing these procedures and is planning to use a similar statement for exiting from all startup test procedures. This is an open item (454/84-56-02(DRS)) pending licensee review and evaluation.
- c. A cursory review of a few of the draft precritical startup test procedures indicated that additional procedure reviews and modifications will be required before the procedures are adequate for NRC review. At the time that this was discussed with the licensee, the licensee was already in the process of updating the precritical startup test procedures. The licensee committed to have most of the drafts of the updated precritical test procedures available for review by September 24, 1984.

No items of noncompliance or deviations were identified.

4. Open Items

Open items are matters which have been discussed with the licensee, which will be reviewed further by the inspector, and which involve some action on the part of the NRC, the licensee, or both. Open items disclosed during the inspection are discussed in Paragraphs 3.a and 3.b.

5. Exit Interview

The inspectors met with licensee representatives (denoted in Paragraph 1) on September 7, 1984 to discuss the scope and findings of the inspection. The licensee acknowledged the statements made by the inspectors with respect to items discussed in the report.