

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-455/85035(DRP)

Docket No. 50-455

License No. CPPR-131

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

Facility Name: Byron Station, Unit 2

Inspection At: Byron Station, Byron, IL

Inspection Conducted: November 15, 1985 through January 15, 1986

Inspectors: J. M. Hinds, Jr.

P. G. Brochman

J. A. Malloy

Approved By: *RFWarnick for*
W. L. Forney, Chief
Reactor Projects Section 1A

1/30/86
Date

Inspection Summary

Inspection on November 15, 1985 through January 15, 1986

(Report No. 50-455/85035(DRP))

Areas Inspected: Routine, unannounced safety inspection by the resident inspectors of licensee action on previous inspection findings, and other activities. The inspection consisted of 171 inspector-hours onsite by three NRC inspectors including 31 inspector-hours during off-shifts.

Results: Of the five areas inspected, no violations or deviations were identified in five areas, nor were any items identified which could affect the public health and safety.

8602060207 860130
PDR ADOCK 05000455
Q PDR

DETAILS

1. Persons Contacted

Commonwealth Edison Company

T. Maiman, Manager of Projects
V. Schlosser, Byron Project Manager
R. Tuetken, Byron Startup Superintendent
R. Querio, Byron Station Manager
G. Sorensen, Byron Project Construction Manager
F. Hornbeak, Unit 2 Technical Staff Supervisor
*R. Klinger, Project Quality Control Supervisor
J. Woldridge, Quality Assurance Supervisor
J. Binder, Project Electrical Supervisor
D. Pyatt, Project Construction
D. Kruger, Technical Staff
*J. Langan, Compliance Staff
P. Anthony, Technical Staff
E. Martin, Quality Assurance Superintendent
*E. Brutte, Quality Assurance Engineer
*E. Falb, Unit 2 Testing Supervisor

The inspectors also contacted and interviewed other licensee and contractor personnel during the course of this inspection.

* Denotes those present during the exit interview on January 15, 1986.

2. Followup on 10 CFR Part 21 Reports (92716)

(Closed) Part 21 Report (455/85003-PP): Degradation of diesel generators, faulty RPM readings. The inspectors reviewed the licensee's response and verified that the licensee had replaced the DC to DC regulators with DC to DC converters in the Unit 2 diesel generators. The inspector verified that the electrical drawings had been revised.

3. Followup on 10 CFR Part 50.55(e) Reports (90712)

- a. (Open) Part 50.55(e) Report (455/83003-EE): Reactor coolant pump, steam generator and pressurizer column, and lateral supports not installed within the tolerances specified in Sargent and Lundy design drawing S-1105. The inspectors reviewed NCR F-912 which documented the deficiencies for Unit 2. The corrective actions had not yet been completed and the licensee had estimated completion by March 1, 1986.
- b. (Closed) Part 50.55e Report (455/85004-EE): Diesel generator faulty tachometer readings. Part 21 Report (455/85003-PP) was also issued documenting the same deficient condition. See Paragraph 2 for details.

4. Preoperational Test Procedure Review (70305, 70333, 70343)

The inspectors reviewed the following preoperational test procedures against the FSAR, SER, and Regulatory Guide 1.68:

- | | |
|----------|---|
| CS 17.60 | Containment Spray |
| CV 18.60 | Chemical and Volume Control
VCT and Charging Pumps |
| RP 68.63 | Reactor Protection Logic Checks |

Questions and comments from this review were found to have been addressed by test changes processed prior to or during test execution.

No violations or deviations were identified.

5. Preoperational Test Witnessing (70317, 70433, 70443)

The inspectors witnessed portions of the below listed preoperational test procedure to verify that testing was conducted in accordance with approved procedures; that all test equipment was properly installed; that test data was collected and recorded properly; and that test deficiencies were documented and test changes were processed in an approved manner.

- | | |
|----------|---|
| CS 17.60 | Containment Spray |
| CV 18.60 | Chemical and Volume Control
VCT and Charging Pumps |
| RP 68.63 | Reactor Protection Logic Checks |

No violations or deviations were identified.

6. Housekeeping/Care and Preservation of Safety-Related Components (71302)

The inspectors conducted plant tours of Unit 2 between November 15, 1985 and January 15, 1986. Areas of the Unit 2 plant observed during the tours included the containment, fuel handling, and storage areas, auxiliary building areas including the Unit 2 portion of the control room, and the turbine building. Areas were inspected for work in progress, state of cleanliness, overall housekeeping, state of fire protection equipment and methods being employed, and the care and preservation of safety-related components and equipment. The inspectors were accompanied by licensee's personnel on portions of the tours for the purpose of identifying areas where additional housekeeping efforts should be concentrated to improve the overall cleanliness of Unit 2. Inspector concerns were related to the licensee.

No violations or deviations were identified.

7. Exit Interview (30703)

The inspectors met with licensee representatives denoted in Paragraph 1 at the conclusion of the inspection on January 15, 1986. The inspectors summarized the purpose and scope of the inspection and the findings. The inspectors also discussed the likely informational content of the inspection report with regard to documents or processes reviewed by the inspectors during the inspection. The licensee did not identify any such documents/processes as proprietary.