

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-346/82-23(DPRP)

Docket No. 50-346

License No. NPF-3

Licensee: Toledo Edison Company
Edison Plaza
300 Madison Avenue
Toledo, OH 43652

Facility Name: Davis-Besse Nuclear Power Station, Unit 1

Inspection At: Oak Harbor, Ohio

Inspection Conducted: July 12-30, 1982

Inspectors: *L. A. Reyes for*
W. Rogers

8/18/82

L. A. Reyes for
P. Byron

8/18/82

Approved By: *L. A. Reyes*
L. A. Reyes, Chief
Projects Section 2B

8/18/82

Inspection Summary

Inspection on July 12-30, 1982 (Report No. 50-346/82-23)DPRP)

Areas Inspected: Routine safety inspection of Monthly Surveillance Observation; Licensee Event Report Follow-up; IE Circular Follow-up; and Inspection During Long Term Shutdown. The inspection involved 72 inspector-hours onsite by two NRC inspectors including 30 inspector-hours onsite during off-shifts.

Results: Of the four areas inspected, no items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

- *T. Murray, Station Superintendent
- B. Beyer, Assistant Station Superintendent
- S. Quennoz, Assistant Station Superintendent
- P. Carr, Maintenance Engineer
- *J. Werner, Administrative Coordinator
- D. Miller, Operations Engineer
- D. Briden, Chemist and Health Physicist
- L. Simon, Operations Supervisor
- C. Daft, QA Director

*Denotes those attending the exit interview on July 23, 1982.

The inspectors also interviewed other licensee employees, including members of the technical, operations, maintenance, I&C, training and health physics staff.

2. Monthly Surveillance Observations

The inspector observed Technical Specifications required surveillance testing on the Safety Features Activation System (SFAS) Monthly Test, ST 5031.01 on Channel 1 and verified that testing was performed in accordance with adequate procedures, that test instrumentation was calibrated, that limiting conditions for operation were met, that removal and restoration of the affected components were accomplished, that test results conformed with technical specifications and procedure requirements and were reviewed by personnel other than the individual directing the test and that any deficiencies identified during the testing were properly reviewed and resolved by appropriate management personnel.

The inspector also witnessed portions of the following test activities:

SFAS Integrated Test, ST 5031.07;
SFRCS Integrated Test ST 5031.18.

During the performance of the integrated SFAS test on Channel 1, the containment pressure Hi and Hi-Hi annunciators came in indicating a tripped condition and output Modules L221, L231, L241, L271, L281, L291 came in blocked. This occurred after the actuation channel had been tripped for approximately five minutes per the test procedure. The electrical transient has been preliminarily attributed to a defective power supply, PS07. The defective power supply has been sent to the vendor, Consolidated Controls Corporation, for test and evaluation. Until the transient can be technically explained, it is considered an unresolved item. (346/82-23-01)

No items of noncompliance or deviations were identified.

3. Licensee Event Reports Followup

Through direct observations, discussions with licensee personnel, and review of records, the following event reports were reviewed to determine that reportability requirements were fulfilled, immediate corrective action was accomplished, and corrective action to prevent recurrence had been accomplished in accordance with Technical Specifications.

LER 82-020	Loss of Y2 Bvs
LER 81-076	Door 306 found open
LER 82-021	Audible Source Range Indicator disconnected
LER 82-008	PDT-5000 Vent Line Frozen

No items of noncompliance or deviations were identified.

4. IE Circular Followup

For the IE Circulars listed below, the inspector verified that the circular was received by the licensee management, that a review for applicability was performed, and that if the circular were applicable to the facility, appropriate corrective actions were taken or were scheduled to be taken.

IEC 81-05	Self-Aligning Rod End Bushings for Pipe Supports
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No items of noncompliance or deviations were identified.

5. Inspection During Long Term Shutdown

The inspector observed control room operations, reviewed applicable logs and conducted discussions with control room operators during the month of July. The inspector verified surveillance tests required during the shutdown were accomplished, reviewed tagout records, and verified applicability of containment integrity. Tours of containment, auxillary building and turbine building accessible areas, including exterior areas were made to make independent assessments of equipment conditions, plant conditions, radiological controls, safety, and adherence to regulatory requirements and to verify that maintenance requests had been initiated for equipment in need of maintenance. The inspector observed plant housekeeping/cleanliness conditions, including potential fire hazards, and verified implementation of radiation protection controls. The inspector by observation and direct interview verified that the physical security plan was being implemented in accordance with the station security plan. The inspector reviewed the licensee's jumper/bypass controls to verify there were no conflicts with Technical Specifications and verified the implementation of radioactive waste system controls. The inspector witnessed portions of the radioactive waste systems controls associated with radwaste shipments and barreling.

No items of noncompliance or deviations were identified.

6. Unresolved Items

Unresolved items are matters about which more information is required in order to ascertain whether they are acceptable items, items of non-compliance or deviations. An unresolved item disclosed during the inspection is discussed in Paragraph 2.

7. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) throughout the month and summarized the scope and findings of the inspection activities on July 23, 1982.