

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-010/80-12; 50-237/80-12; 50-249/80-16

Docket No. 50-010, 50-237, 50-249 License No. DPR-02, DPR-19, DPR-25

Licensee: Commonwealth Edison Company
P. O. Box 767
Chicago, IL 60690

Facility Name: Dresden Nuclear Power Station, Units 1, 2 and 3

Inspection At: Dresden Site, Morris, IL

Inspection Conducted: June 9 through July 3, 1980

Inspectors: *R. L. Spessard*
J. L. Barker *for* 7/23/80

R. L. Spessard
T. M. Tongue *for* 7/23/80

Approved By: *R. L. Spessard*
R. L. Spessard, Chief 7/23/80
Projects Section 1

Inspection Summary

Inspection on June 9 through July 3, 1980 (Report No. 50-010/80-12; 50-237/80-12; 50-234/80-16)

Areas Inspected: Routine, unannounced resident inspection of Operational Safety Verification, Monthly Maintenance Observation, Monthly Surveillance Observation, Inspection During Long Term Shutdown, and License Application Submittals for Licensee Staff Personnel. The inspection involved 119 inspector-hours onsite by two NRC inspectors.

Results: No items of noncompliance were identified.

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DETAILS

1. Persons Contacted

- *B. Stephenson, Station Superintendent
- *R. Ragan, Operations Assistant Superintendent
- J. Eeingenburg, Maintenance Assistant Superintendent
- *B. Shelton, Administrative Services and Support Assistant Superintendent
- D. Farrar, Technical Staff Supervisor
- C. Sargent, Unit 1 Operating Engineer
- J. Wujciga, Unit 2 Operating Engineer
- M. Wright, Unit 3 Operating Engineer
- E. Budzichowski, Unit Support Operating Engineer
- D. Adam, Waste System Engineer
- G. Myrick, Rad-Chem Supervisor
- B. Sanders, Station Security Administrator
- E. Wilmere, QA Coordinator

The inspectors also talked with and interviewed several other licensee employees, including members of the technical and engineering staffs, reactor and auxiliary operators, shift engineers and foremen, electrical, mechanical and instrument personnel, and contract security personnel.

*Denotes those attending one or more exit interviews conducted on June 20 and July 3, 1980.

2. Operational Safety Verification

The inspector observed control room operations, reviewed applicable logs and conducted discussions with control room operators during the month of June, 1980. The inspector verified the operability of selected emergency systems, reviewed tagout records and verified proper return to service of affected components. Tours of Units 2 and 3 reactor buildings and turbine buildings were conducted to observe plant equipment conditions, including potential fire hazards, fluid leaks, and excessive vibrations and to verify that maintenance requests had been initiated for equipment in need of maintenance. The inspector by observation and direct interview verified that the physical security plan was being implemented in accordance with the station security plan.

The inspectors observed plant housekeeping/cleanliness conditions and verified implementation of radiation protection controls. The inspectors also witnessed portions of the radioactive waste system controls associated with radwaste shipments and barreling.

These reviews and observations were conducted to verify that facility operations were in conformance with the requirements established under technical specifications, 10 CFR, and administrative procedures.

No items of noncompliance were identified.

3. Monthly Maintenance Observation

Station maintenance activities of safety related systems and components listed below were observed/reviewed to ascertain that they were conducted in accordance with approved procedures, regulatory guides and industry codes or standards and in conformance with technical specifications.

The following items were considered during this review: the limiting conditions for operation were met while components or systems were removed from service; approvals were obtained prior to initiating the work; activities were accomplished using approved procedures and were inspected as applicable; functional testing and/or calibrations were performed prior to returning components or systems to service; quality control records were maintained; activities were accomplished by qualified personnel; parts and materials used were properly certified; radiological controls were implemented; and, fire prevention controls were implemented.

Work requests were reviewed to determine status of outstanding jobs and to assure that priority is assigned to safety related equipment maintenance which may affect system performance.

The following maintenance activities were observed/reviewed:

Unit 2 Recirculation Pump
Unit 3 LPCI Heat Exchanger and Diesel Generator

Following completion of maintenance on the Unit 3 Diesel Generator and Unit 3 LPCI Heat Exchanger, the inspector verified that these systems had been returned to service properly.

No items of noncompliance were identified.

4. Monthly Surveillance Observation

The inspector observed technical specifications required surveillance testing on the IRM's, SRM's, APRM's, LPRM's 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.

No items of noncompliance 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 June, 1980. The inspector verified surveillance tests required during the shutdown were accomplished, reviewed tagout records, and verified applicability of containment integrity. Tours of Unit 1 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 were identified.

6. License Application Submittal for Licensee Staff Personnel

The inspectors determined that six licensee training personnel were involved in training on systems, integrated response, and transients. One person, the training supervisor, holds an SRO license on Unit 1; three instructors hold an SRO license on Units 2 and 3, and three instructors took the SRO license exam on Units 2 and 3 on June 10, 1980 and are awaiting final approval from the NRC.

No items of noncompliance were identified.

7. Exit Interview

The inspectors met with licensee representatives (denoted in Paragraph 1) throughout the month and at the conclusion of the inspection on July 3, 1980 and summarized the scope and findings of the inspection activities.