

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No.: 50-249
License No.: DPR-25

Report No.: 50-249/97027(DRS)

Licensee: Commonwealth Edison Company

Facility: Dresden Generating Station, Unit 3

Location: 6500 North Dresden Road
Morris, IL 60450

Dates: November 5 - 19, 1997

Inspector: D. E. Jones, Reactor Inspector

Approved by: J. A. Gavula, Chief
Engineering Specialists Branch 1
Division of Reactor Safety

EXECUTIVE SUMMARY

Dresden Nuclear Power Plant, Unit 3
NRC Inspection Report 50-249/97027(DRS)

This inspection included a review of the implementation of the inservice inspection program for the Unit 3 refueling outage 14.

Maintenance:

- In general, the licensee's inservice inspection program implementation met ASME, Section XI requirements (Section M3).
- A violation was cited for inability to retrieve the radiographic record of a Unit 3 pipe weld (Section M3).

Report Details

II. Maintenance

M3 Maintenance Procedures and Documentation

M3.1 Inservice Inspection (ISI) Examination Documentation

a. Inspection Scope (73753, 73755)

The inspector reviewed inservice examination reports and ISI personnel certifications for examinations recorded in "Dresden Station D3R14 Refueling Outage Inservice Inspection Summary Report." The examination reports reviewed included the following:

Liquid penetrant examination

- Report # D064
- Report # D067
- Report # D070

Ultrasonic examination

- Report # D057
- Report # D060
- Report # D061

Magnetic particle examination

- Report # D009
- Report # D007
- Report # D010

Radiographic examination

- Report # Conam 2200
- Report # Conam 2214
- Report # Conam 2221

b. Observations and Findings

Personnel certification records met ASME Code requirements for the selected examinations completed in refueling outage D3R14. The examination records were complete with the appropriate calibration records and required examination data. For the selected examinations reviewed from the summary reports, the inspector identified no deviations from ASME Code requirements, except as discussed below.

The inspector identified that the radiographic film of the examination of Unit 3 high pressure coolant injection turbine drain pot return line extension pipe replacement weld (work request 950065745, minor plant change E12-3-95-246), could not be retrieved by the licensee. The licensee subsequently issued problem identification form D1997-08032 to address this issue. The licensee's inability retrieve the radiographic record of the Unit 3 HPCI pipe weld (FW-3) is considered a violation of 10 CFR 50, Appendix B, Criterion XVII, "Quality Assurance Records," (VIO 50-249/97027-01(DRS)).

c. Conclusions

The inspectors determined that ASME Code requirements had been met for select examinations completed in the refueling outage D3R14. However, the inspector identified that the radiographic record of the Unit 3 pipe weld could not be retrieved.

M7 Quality Assurance in Maintenance Activities

M7.1 ISI Program Implementation

a. Inspection Scope (73051)

The inspector reviewed the licensee's ISI program plan, "Dresden Station 3rd Interval Inservice Inspection Plan," effective March 1, 1992 through and including February 28, 2002.

b. Observations and Findings

The plan represented the third ten-year interval of the ISI program for Dresden Station Units 2 and 3. The licensee had procured the services of an Authorized Nuclear Inservice Inspector (ANII) from Hartford Steam Boiler Inspection and Insurance Co. of Hartford, Connecticut. The ANII reviewed procedures, personnel qualifications, instrument and material certifications, and examination results. Examinations were performed in accordance with the Unit 3 Technical Specifications, the ASME Code, Section XI, 1989 Edition, and Generic Letter 88-01. The inspector's review indicated that the ISI program was acceptable.

c. Conclusions

The licensee's ISI program implementation met ASME Code Section XI, 1989 Edition requirements.

V. Management Meetings

X1 Exit Meeting Summary

The inspector presented the inspection results to a member of licensee management at the conclusion of the inspection on November 19, 1997. The licensee acknowledged the findings presented and did not identify any of the potential report input discussed as proprietary.

PARTIAL LIST OF PERSONS CONTACTED

Commonwealth Edison:

B. Casey, ISI Coordinator
G. Abrell, NRC Coordinator

US NRC:

K. Riemer, Senior Resident Inspector
B. Dickson, Resident Inspector

INSPECTION PROCEDURES USED

IP 73753	INSERVICE INSPECTION
IP 73051	INSERVICE INSPECTION-REVIEW OF PROGRAM
IP 73755	INSERVICE INSPECTION-REVIEW OF DATA

ITEMS OPENED, CLOSED or DISCUSSED

Opened

VIO 50-249/97027-01	Inability to retrieve the radiographic record of a Unit 3 HPCI pipe weld.
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