

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *N. Atherton, Compliance Specialist
- *T. M. Cook, Snubber Engineer
- R. Fulbright, Maintenance Specialist
- *B. Hamilton, Superintendent of Technical Services
- *T. C. McConnel, Station Manager
- *R. W. Rider, Maintenance Engineer
- B. T. Scott, Maintenance Specialists
- *R. Sharpe, Compliance Engineer
- J. Snyder, Performance Engineer

NRC Resident Inspectors

- W. Orders, Senior Resident Inspector
- *D. Nelson, Resident Inspector

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on April 1, 1988, with those persons indicated in Paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection findings. No dissenting comments were received from the licensee.

The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspector during this inspection.

3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Snubber Surveillance Program - Units 1 & 2 (70370)

The inspector examined procedures and quality records related to the snubber surveillance program and inspected selected snubbers on safety-related piping systems. Acceptance criteria utilized by the inspector are specified in Technical Specification 3/4.7.8.

a. Review of Snubber Surveillance Procedures

The inspector examined the following procedures which control snubber surveillance activities.

- (1) Procedure Number PT/O/A/4200/06, Inservice Visual Inspection of Safety-Related Snubbers
- (2) Procedure Number MP/O/A/7650/50, Operability Testing of Hydraulic Snubbers
- (3) Procedure Number MP/O/A/7650/51, Hydraulic Snubber Removal and Replacement
- (4) Procedure Number MP/O/A/7650/62, Removal, Replacement and Operational Inspection of PSA Mechanical Snubbers
- (5) Procedure Number MP/O/A/7700/01, Functional Testing of Mechanical Snubbers

b. Inspection of Snubbers

The inspector performed a visual inspection of approximately 200 hydraulic and mechanical snubbers installed on systems located in the Unit 2 "exterior doghouse", the roof of the Unit 2 diesel generator building, and the Units 1 and 2 auxiliary buildings. Snubbers examined included those installed on portions of the auxiliary feedwater main system, feedwater, component cooling, residual heat removal and nuclear service water systems. During the walkdown inspection, the inspector verified that the snubbers were not damaged, that attachment to the supporting structure and piping was secure, and for hydraulic snubbers, that the fluid level in the reservoirs was acceptable and that fluid was not leaking from the snubber. No discrepancies were noted during the walkdown.

c. Review of Quality Records

The inspector reviewed quality records documenting surveillance of Units 1 and 2 snubbers. Records examined were as follows:

- (1) Results of visual inspection of Unit 1 accessible and inaccessible snubbers performed in August - September 1987
- (2) Results of visual inspection of Unit 2 inaccessible snubbers performed in May - June 1987
- (3) Results of functional testing performed as Unit 1 snubbers in September 1987 and on Unit 2 snubbers in May - June 1987
- (4) Results of freedom of motor testing performed on Unit 1 snubbers in September 1987 and on Unit 2 snubbers in May 1987

Within the area inspected, no violations or deviations were identified.

6. Review of Licensee Event Reports - Unit 2

(Closed) LER 370-87-008, Four snubbers were not included on the periodic list due to a defective procedure. On June 24, 1987, licensee maintenance personnel discovered that two snubbers on the Unit 2 Reactor Coolant System had been deleted from the visual inspector checklist. Further review of the snubber inspection checklist disclosed that two additional snubbers had also been deleted. These snubbers had not been inspected since January 19, 1984. In order to resolve this problem, visual inspection and functional operability (stroke) tests were performed on the four snubbers in question. The inspection and test results showed that the snubbers were operable. The Unit 2 master snubber inspector list was updated and corrected. The inspector examined the test results and verified that the snubbers had been operable and reviewed the master snubber inspection lists and verified that the list had been corrected. The licensee reviewed the Unit 1 master snubber inspection list and verified that a similar problem did not occur with the Unit 1 inspection program. The licensee has purchased a proprietary computer program to monitor the snubber inspector checklist (database) for both Units. The licensee is in the process of training maintenance personnel to utilize this program. Use of the computerized snubber database program will be implemented in May 1987. LER 370-87-008 is closed.

Within the areas inspected, no violation or deviations were identified.