

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-374/84-10(DE)

Docket No. 50-374

License No. NPF-18

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

Facility Name: LaSalle County Station, Unit 2

Inspection At: LaSalle Site, Marseilles, Illinois

Inspection Conducted: March 14, 23, 26, May 23 and 24, 1984

Inspector: *Paul D. Kaufman*
P. D. Kaufman

6/11/84.
Date

Approved By: *D. H. Danielson*
D. H. Danielson, Chief
Materials and Processes Section

6/11/84
Date

Inspection Summary

Inspection on March 14, 23, 26, May 23 and 24, 1984 (Report No. 50-374/84-10(DE))

Areas Inspected: Observation of thermal expansion testing in the area of safety-related pipe support and restraint systems and review of the licensee's documented inspection results. The inspection involved a total of 32 inspection-hours onsite by one NRC inspector.

Results: No items of noncompliance or deviations were identified.

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DETAILS

Persons Contacted

Licensee Employees

*R. D. Bishop, Administrative and Support Services Assistant Superintendent
D. Szumski, Technical Staff Engineer
D. Spencer, Technical Staff Engineer
W. Huntington, Technical Staff Supervisor
D. Skoza, Mechanical Engineer, Construction
R. Tomala, Test Engineer

*Denotes those attending the exit meeting.

Functional or Program Areas Inspected

1. General

The inspector examined selected support and restraints at Test Condition Heatup while the recirculation temperature was at $250^{\circ}\text{F} \pm 25^{\circ}\text{F}$. This observation was to verify the piping suspension components are functioning in their design specified range and the pipe systems are free and unrestrained with regard to thermal expansion.

2. Review of Procedures

The snubber surveillance and functional testing requirements are contained in Technical Specification (T.S.) Section 4.7.9, the limiting conditions for operation are contained in Section 3.7.9, and the tabulation of safety-related mechanical snubbers are in Attachment B of LaSalle Operations Procedure (LOP-AA-02T, Revision 0). The inspector reviewed the following procedures that implement the T.S. requirements.

- . HLIP, "Hot Linewalk Inspection Procedure", Revision 3.
- . STP-17-2, "System Expansion", Revision 2
- . LOP-AA-02T, "Unit 2 Safety-Related Mechanical Snubbers", Revision 0.
- . S&L Dwg. No. M-1100, Sht. 27, "Snubber Installation Tolerances", Revision C.

The inspector determined the above procedures pertaining to the examination and testing of safety-related pipe support and restraint systems to be consistent with the licensee's FSAR commitments.

No items of noncompliance or deviations were identified.

3. Pipe Support and Restraint System Testing

- a. The inspector visually examined the following safety-related supports and restraints on four ASME Class 1 piping systems inside the drywell.

(1) Feedwater System

FW02-2820S	Revision C
FW02-2825S	Revision E
FW02-2840S	Revision D
FW02-2843S	Revision E
FW02-2852S	Revision F
FW02-2854S	Revision F
FW02-2857S	Revision D

(2) Main Steam System

MS00-2015S	Revision B
MS00-2016S	Revision B
MS00-2041S	Revision B
MS00-2042S	Revision B
MS00-2043S	Revision B
MS00-2027V	Revision B
MS00-2035V	Revision B

(3) Residual Heat Removal System

RH03-2879S	Revision D
RH40-2805S	Revision E
RH40-2806S	Revision E
RH40-2815S	Revision C
RH40-2825S	Revision C
RH40-2826S	Revision D
RH40-2828S	Revision C
RH53-2847S	Revision D
RH53-2849S	Revision F

(4) High Pressure Core Spray System

HP02-2808S	Revision D
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- b. The inspector reviewed the licensee's inspection data obtained from the Hot Linewalk Inspections performed during Test Condition Heatup when the recirculation temperature was at mid range ($250^{\circ}\text{F} \pm 25^{\circ}\text{F}$) and at rated temperature ($534^{\circ}\text{F} \pm 25^{\circ}\text{F}$). The above two visual inspection test results are separately documented on form HLPI-3, "Hot Linewalk System Summary Sheet", Part I and II, respectively. In addition, HLIP-1 (spring hanger) and HLIP-2 (snubber) data sheet forms which document the hot position of the pipe support components. Verification acceptance criteria were denoted on evaluation sheet Form 13.1. The inspector concluded the acceptance criteria met FSAR Amendment 28 (December 1977), and Table 14.2-114 to the FSAR.

No items of noncompliance or deviations were identified.

Exit Interview

The inspection scope and findings were summarized on May 24, 1984. The licensee acknowledged the inspection findings without significant comment.