

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

Region I

Report No. 50-245/78-40

Docket No. 50-245

License No. DPK-21 Priority -- Category C

Licensee: Northeast Nuclear Energy Company

P. O. Box 270

Hartford, Connecticut 06101

Facility Name: Millstone Nuclear Generating Station, Unit 1

Inspection at: Waterford, Connecticut

Inspection conducted: December 20-21, 1978

Inspectors: E. P. Jernigan  
E. P. Jernigan, Reactor Inspector

Jan. 22, 1979  
date signed

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date signed

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date signed

Approved by: S. D. Ebnetter  
S. D. Ebnetter, Acting Chief, Engineering  
Support Section No. 1, RC & ES Branch

4/24/79  
date signed

Inspection Summary:

Inspection on December 20-21, 1978 (Report No. 50-245/78-40)

Areas Inspected: Routine, unannounced inspection by regional based inspector of the licensee's inservice inspection examination documentation associated with Class 1, System Pressure boundary piping welds/components. The inspection involved 23 inspector-hours by one NRC regional based inspector.

Results: No items of noncompliance were identified in the area inspected.

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## DETAILS

### 1. Persons Contacted

#### Northeast Nuclear Energy Company

- \*J. Opeka, Station Superintendent
- \*R. Herbert, Unit 1, Superintendent
- \*K. Thomas, Engineer
- \*P. Przekct, Engineering Supervisor

\*denotes those present at the exit meeting.

### 2. Inservice Inspection (ISI) Data Review and Evaluation

#### a. Scope of ISI Interval

The inspector reviewed the ISI Program established for the current inspection interval (10 year) to ascertain whether the data are consistent with examination requirements delineated in Section XI of the ASME Code. The review included the following Documents:

- Inservice Inspection Ten Year Program for Northeast Utilities Millstone Point, Unit No. 1
- Examination Schedule

The inspector found that the examinations scheduled were evenly distributed over the ten year interval. Additionally, the Documents identify the weld/components which have been examined and those remaining to be examined during subsequent refueling outages.

No items of noncompliance or deviations were identified.

#### b. Nondestructive Examination (NDE) Data Review

The inspector selected documentation associated with the following welds for audit to ascertain completeness of the 1978 data package:

- Main Steam Loop A
- Core Spray Line
- Control Rod Drive Hydraulic Return

The inspector found the documents to contain examination results including: (1) method and extent of examination; (2) calibration technique; (3) data evaluation and dispositioning of results; (4) equipment/instrumentation calibration; and, (5) inspection material/personnel certifications.

In addition to the above, the inspector's review included, but was not limited, to the follow parameters:

- Method, technique and extent of examinations are consistent with the licensee's ISI program and applicable NDE procedural requirements.
- The examinations are within the acceptance criteria as stipulated in the implementing procedure
- Calibration and calibration checks are performed at the required frequencies
- Examination data including results are proper and adequate to permit accurate evaluation
- Examinations and evaluation performed by properly certified individuals

No items of noncompliance were identified by the inspector.

### 3. Exit Interview

The inspector met with licensee representatives (asterisked in Paragraph 1) at the conclusion of the inspection on December 21, 1978. The inspector summarized the purpose and scope of the inspection and findings.