

ATTACHMENT 1

January 2, 1991

Docket No. 50-423

MEMORANDUM FOR: Marvin W. Hodges, Director, Division of Reactor Safety
Charles W. Hehl, Director, Division of Reactor Projects

FROM: Thomas T. Martin, Regional Administrator

SUBJECT: AUGMENTED INSPECTION TEAM (AIT) - TURBINE
BUILDING PIPE BREAK AT MILLSTONE NUCLEAR
POWER STATION UNIT 3

You are directed to perform an Augmented Inspection Team (AIT) review of the causes, safety implications, and associated licensee actions which led to the pipe break at Millstone Unit 3 on December 31, 1990. The inspection shall be conducted in accordance with NRC Manual Chapter 0513, Part III, Inspection Procedure 93800, Regional Instruction 1010.1 and additional instructions in this memorandum.

DRS is assigned responsibility for the overall conduct of this inspection. DRP is assigned responsibility for resident inspector and clerical support and coordination with other NRC offices. James Trapp is designated as the onsite Team Leader. Team composition is described at the end of this memorandum. Team members are assigned to this task until the report is completed and will report to Mr. Trapp.

OBJECTIVE

The general objectives of this AIT are to:

- a. Conduct a timely, thorough, and systematic review of the circumstances surrounding the event, including the sequence of events that led to and followed the December 31, 1990 pipe break;
- b. Collect, analyze, and document relevant data and factual information to determine the causes, conditions, and circumstances pertaining to the event, including the response to the event by the licensee's operating staff;
- c. Assess the safety significance of the event and communicate to Regional and Headquarters management the facts and safety concerns related to the problems identified; and
- d. Evaluate the licensee's review of and response to the event, and proposed or implemented corrective actions.

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SCOPE OF THE INSPECTION

The AIT should identify and document the relevant facts and determine the probable causes of the event. It should also critically examine the licensee's response to the event. The Team Leader shall develop and implement a specific, detailed inspection plan addressing this event.

The AIT should:

- a. Develop a detailed chronology of the event;
- b. Determine the root causes of the event as a result of the AIT's evaluation and document equipment problems, failures, and/or personnel errors which directly or indirectly contributed to the event.

Potential items to be considered:

- Adequacy of Piping Inspection Program and its implementation
 - Adequacy of piping system and supports design
 - Adequacy of licensee's oil clean up effort.
- c. Determine the expected response of the plant and compare it to the actual response, including other systems affected by the break (i.e., fire suppression system, electrical power distribution, plant process computer ...).
 - d. Assess the adequacy of the responses of the operations and technical support staffs to the event and the initial licensee analysis, including decisions on event classification and reportability.
 - e. Assess the scope and quality of short-term actions and gather information related to the long-term actions intended to prevent recurrence of this event, including internal and external communications/dissemination of licensee-identified concerns and corrective actions. Include evaluation of licensee's decision to stay in a hot shutdown condition following the event versus going to a cold shutdown condition.
 - f. Determine the potential generic implications of this event and recommend lessons learned, necessity for generic industry communications, etc.

Marvin W. Hodges
Charles W. Hehl

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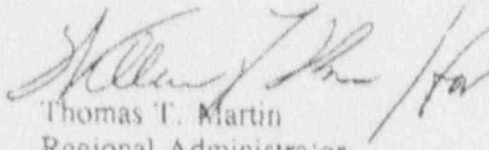
SCHEDULE

The AIT shall be dispatched to Millstone Nuclear Power Station Unit 3 so as to arrive and commence the inspection as soon as practical. A written report on this inspection shall be provided to me within three weeks of completion of the on-site inspection.

TEAM COMPOSITION

The assigned Team members are as follows:

Team Manager:	Jacque Durr, DRS
Onsite Team Leader :	James Trapp, DRS
Onsite Team Members:	D. Jaffe, NRR
	H. Kaplan, DRS
	J. Yerokun, DRS
	T. Shedlosky, SRI, Haddam Neck
	S. Koscielny, NRR
	E. Trager, AEOD


Thomas T. Martin
Regional Administrator

cc:
W. Kane, DRA
W. Hehl, DRP
J. Wiggins, DRP
E. Wenzinger, DRP
D. Haverkamp, DRP
Team Members
J. Stolz, NRR
E. Greenman, NRR
J. Caldwell, EDO
K. Abraham, RI