

Docket No. 50-213

JAN 16 1991

Connecticut Yankee Atomic Power Company
ATTN: Mr. E. J. Mroczka
Senior Vice President - Nuclear
Engineering and Operations Group
P. O. Box 270
Hartford, Connecticut 06141

Gentlemen:

SUBJECT: INSPECTION NO. 50-213/90-81

During the period of October 9 through October 17, 1990, the NRC conducted an announced team inspection of the emergency procedures used by the operators at Connecticut Yankee Atomic Power Company (CYAPCo).

The inspection team also reviewed corrective actions relative to deviation 50-213/87-10-01 which concerned failure of EOPs and Background Documents to adhere to the guidelines specified in the NRC approved Procedures Generation Package (PGP). The corrective action was determined to be acceptable and the deviation is considered closed. This item is discussed in Paragraph 8.0 of this report.

At the conclusion of the inspection, Mr. J. Prell discussed the preliminary findings with those members of your staff identified in the enclosed report. Within the context of this report, the term emergency procedures includes the Emergency Operating Procedures (EOPs), Abnormal Operating Procedures (AOPs) and all procedures directly referenced by the EOPs.

Attachment 3 to the enclosed inspection report summarizes the generic findings identified relative to the emergency procedures. You are requested to respond to the Attachment 3 findings within sixty days of receipt of this letter. Attachment 2 identifies weaknesses that are specific to the indicated procedure. You need not respond to individual Attachment 2 weaknesses.

The overall assessment of the inspection team is that the program at Connecticut Yankee Atomic Power Plant for the development and maintenance of the symptom based Emergency Operating Procedures was good. A deviation was identified between a FSAR commitment regarding the response to a steam generator tube rupture (SGTR) event and an EOP. The FSAR commitment stated that break flow would be terminated within 30 minutes by shutting the loop stop valves. The EOP does not direct the operators to isolate the affected loop within 30 minutes. You are also requested to respond to the enclosed Notice of Deviation. An unresolved item was also identified relating to the accuracy of the "Steam Generator Wide Range/Narrow Range Correlation Graph" when used for determining steam generator levels under various plant temperature conditions.

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These matters were discussed in detail during the October 16, 1990 pre-exit meeting and the October 17, 1990 exit meeting.

The response requested by this letter is not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

Should you have any questions regarding this inspection, please contact me at 215/337-5291.

Sincerely,

Original Signed by:

Lee H. Bettenhausen, Chief
Operations Branch
Division of Reactor Safety

Enclosures: Inspection Report Nos. 50-213/90-81
w/Attachments 1, 2, and 3
Appendix A: Notice of Deviation

cc w/Enclosure and Attachments 1, 2, and 3:
W. D. Romberg, Vice President, Nuclear Operations
J. P. Stetz, Station Director (Receives 2.790 Information)
D. O. Nordquist, Director of Quality Services
R. M. Kacich, Manager, Generation Facilities Licensing
S. E. Scace, Station Director, Millstone
Gerald Garfield, Esquire
K. Abraham, PAD (29) SALP Reports and (2) All Inspection Reports
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
State of Connecticut

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bcc w/encl. and Attachments 1, 2, and 3:
Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encl.; w/o Attachments 1, 2, and 3)
J. Caldwell, EDO
Susan Shankman, Chief, Training & Procedures, NRR
A. Wang, PM, NRR
R. Bellamy, DRSS
DRP Section Chief
J. Shedlosky, SRI, Haddam Neck
W. Raymond, SRI, Millstone
L. Bettenhausen, DRS
P. Eselgroth, DRS
P. Bonnett, DRS
J. Frell, DRS
M. McWilliams, Human Factors Specialist, SAIC
Charlie Meeker, Systems Engineer-COMEX
OL Facility File
DRS Files (3)

RI:DRS
Bonnett/dmg
01/16/91

RI:DRS
Eselgroth
01/16/91

RI:DRS
Bettenhausen
01/16/91