

FEB 9 1994

Docket No. 50-309

Mr. Charles D. Frizzle
President
Maine Yankee Atomic Power Company
83 Edison Drive
Augusta, Maine 04336

Dear Mr. Frizzle:

SUBJECT: NRC REGION I INSPECTION REPORT NO. 50-309/93-20

This letter transmits the NRC Region I inspection report for the inspection conducted by Mr. John Calvert of this office during the period from August 30, 1993 to September 3, 1993, at Maine Yankee, Wiscasset, Maine. Additional document review was conducted in the Region I offices from October 18, 1993, to November 8, 1993. Mr. Calvert discussed the findings of this inspection with Mr. R. Blackmore and other members of your staff at the conclusion of the inspection.

Areas examined during this inspection were the engineering aspects of modifications, with special focus on the digital hardware and software system design. The inspection included review of documents associated with the diverse scram system (DSS) portion of the ATWS system, the wide range nuclear instrumentation, and the steam generator water level control system. The inspection consisted of selected examinations of design, installation, and test documents, plus interviews with personnel, walkdowns, and direct observations by the inspector.

We noted a definite strength in the formation of a cross-functional team concerned with digital upgrade matters.

Within the scope of this inspection, no violations were identified.

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No response to this letter is necessary. Thank you for your cooperation.

Sincerely,

Original Signed by

William Ruland

for Jacque P. Durr, Chief
Engineering Branch
Division of Reactor Safety

Enclosure: NRC Region I Inspection Report No. 50-309/93-20

cc w/encl:

G. Leitch, Vice President, Operations
P. L. Anderson, Project Manager (Yankee Atomic Electric Company)
R. W. Blackmore, Plant Manager
L. Diehl, Manager of Public and Governmental Affairs
J. A. Ritsher, Attorney (Ropes and Gray)
P. Dostie, State Nuclear Safety Inspector
P. Brann, Assistant Attorney General
U. Vanags, Maine State Planning Office
C. Brinkman, Combustion Engineering, Inc.
First Selectmen of Wiscasset
Maine State Planning Officer
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
K. Abraham, PAO (2)
NRC Resident Inspector
State of Maine, SLO Designee

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bcc w/encl:

Region I Docket Room (with concurrences)

W. Lazarus, DRP

D. Lew, DRP

bcc w/encl (VIA E-MAIL):

V. McCree, OEDO

E. Trottier, LPM, NRR

W. Butler, NRR

M. Shannon, ILPB

P. Loeser, NRR/HICB

G. Mauck, NRR/HICB

E. Trottier, NRR/PDI-3

RI:DRS

Calvert

JAC
2/3/94

RI:DRS

Ruland

WR
2/8/94

RI:DRS

Durr

Paul J. Higgins
WR
2/ /94

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