

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

SUBJECT: INSTRUMENTATION TO FOLLOW THE COURSE OF AN ACCIDENT
(REGULATORY GUIDE 1.97)

Section 6.2 of Generic Letter 82-33 requested licensees to provide a report on their implementation of Regulatory Guide 1.97 (Revision 2), including methods for complying with the Commission's regulations and supporting technical justification for any proposed alternatives or deviations. A large number of requests were received from pressurized water reactor (PWR) licensees asking for deviation from the Category 2 criteria for containment sump water temperature monitoring instrumentation. Prior to 1987 these requests were denied by the NRC staff. Since then, these requests have been considered as an open item until a generic resolution could be found.

The NRC staff has reviewed the bases for these requests and has concluded that containment cooling status can be determined through alternative means to directly reading containment sump water temperature. The alternative means include either Category 2 residual heat removal heat exchanger inlet or outlet temperature. A copy of the Safety Evaluation detailing the acceptability of these alternatives is enclosed.

If you have any questions regarding this issue, please do not hesitate to contact me at (301) 504-1427.

Sincerely,

Original signed by
E. H. Trottier, Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000309
P PDR

Enclosure:
Safety Evaluation

cc: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555-0001

February 14, 1994

Docket No. 50-309

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Sincerely,

A handwritten signature in black ink, appearing to read "E. H. Trottier".

E. H. Trottier, Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc: See next page

Mr. Charles D. Frizzle

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