

March 13, 1986

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Docket No. 50-309

Mr. J. B. Randazza
Executive Vice President
Maine Yankee Atomic Power Company
83 Edison Drive
Augusta, Maine 04336

Dear Mr. Randazza:

SUBJECT: EMERGENCY RESPONSE CAPABILITY CONFORMANCE TO REGULATORY
GUIDE 1.97, REV. 3

By letter dated February 28, 1985, you provided detailed descriptions of your conformance to Regulatory Guide 1.97, Revision 3. That submittal has been reviewed by our technical assistance contractor, Idaho National Engineering Laboratory (INEL). The staff has reviewed INEL's Technical Evaluation Report (TER) and agrees with it. That TER is enclosed. The staff concludes that the information you have provided shows that you are in conformance to Regulatory Guide 1.97 with the exception of those items identified by you.

Further, it is concluded that your justification for exception to Regulatory Guide 1.97 for some items is acceptable. However, there were some items for which the justification provided was inadequate and the staff has identified those as unjustified exceptions. Those exceptions are as follows.

1. Containment pressure--the licensee should either provide instrumentation capable of monitoring subatmospheric containment pressures or provide justification for this deviation (Section 3.3.5).
2. Radiation exposure rate monitors--the licensee should show that the instrument range is greater than the expected radiation levels at their locations (Section 3.3.7).
3. RHR system flow--environmental qualification should be addressed in accordance with 10 CFR 50.49 (Section 3.3.8).
4. RHR heat exchanger outlet temperature--environmental qualification should be addressed in accordance with 10 CFR 50.49 (Section 3.3.9).
5. Accumulator level and pressure--environmental qualification should be addressed in accordance with 10 CFR 50.49 (Section 3.3.10).

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6. Accumulator isolation valve position--environmental qualification should be addressed in accordance with 10 CFR 50.49 (Section 3.3.11).
7. Boric acid charging flow--environmental qualification should be addressed in accordance with 10 CFR 50.49 (Section 3.3.12).
8. Low pressure injection system flow--the licensee should verify that the provided range encompasses the recommended range (Section 3.3.13).
9. Pressurizer level--the licensee should provide justification for the deviation from the recommended range or provide the range recommended by the regulatory guide (Section 3.3.14).
10. Pressurizer heater status--the licensee should provide the recommended current instrumentation (Section 3.3.15).
11. Steam generator level--the licensee should provide the recommended instrumentation for this variable (Section 3.3.17).
12. Steam generator pressure--the licensee should provide the recommended overrange capabilities (Section 3.3.18).
13. Condensate storage tank water level--the licensee should provide a second Category 1 channel of instrumentation for this variable (Section 3.3.19).
14. Containment spray flow--the licensee should show that the spray valve position indication is Category 2 and address flow blockage and pipe rupture (Section 3.3.20).
15. Containment atmosphere temperature--the licensee should provide the recommended instrumentation for this variable (Section 3.3.21).
16. Containment sump water temperature--the licensee should provide the recommended instrumentation or identify alternate instrumentation that provides the same information and satisfies the regulatory guide (Section 3.3.22).
17. Makeup flow-in--environmental qualification should be addressed in accordance with 10 CFR 50.49 (Section 3.3.23).
18. Letdown flow-out--environmental qualification should be addressed in accordance with 10 CFR 50.49 (Section 3.3.24).

19. Component cooling water flow to engineered safety features system components--the licensee should provide the recommended instrumentation or identify alternate instrumentation that provides the same information and satisfies the regulatory guide (Section 3.3.25).
20. Radioactive gas holdup tank pressure--the licensee should either submit additional justification for local readout only, or provide the recommended instrumentation (Section 3.3.26).
21. Containment or purge effluent--the licensee should submit additional information and justification concerning the instrumentation for this variable or provide the recommended instrumentation (Section 3.3.27).
22. Vent from steam generator safety relief valves--the licensee should submit additional information and justification concerning the instrumentation for this variable or provide the recommended instrumentation (Section 3.3.29).

It is requested that you provide a response to the open items within 60 days following the receipt of this letter. This request affects fewer than 10 respondents and, therefore, OMB clearance is not required in accordance with P.L. 96-511.

Sincerely,

/S/

Ashok C. Thadani, Director
PWR Project Directorate No. 8
Division of Licensing-B

Enclosure:
As stated

cc: See next page

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