

Mr. Martin L. Bowling, Jr.
 Recovery Officer - Technical Services
 Northeast Nuclear Energy Company
 c/o Ms. Patricia A. Loftus
 Director - Regulatory Affairs
 P. O. Box 128
 Waterford, Connecticut 06385

March 17, 1999

SUBJECT: MILLSTONE NUCLEAR POWER STATION, UNIT NO. 3 - CORRECTION TO A REVISION OF THE TECHNICAL SPECIFICATIONS BASES (TAC NO. MA4424)

Dear Mr. Bowling:

By letter dated December 21, 1998, Northeast Nuclear Energy Company (NNECO) provided the NRC with changes to Technical Specifications (TS) Bases Section 3/4.5.2. By letter dated January 21, 1999, the NRC staff returned the TS Bases to you and stated that they should be inserted in the TS to ensure the NRC staff and NNECO have identical TS Bases pages.

By letter dated February 22, 1999, NNECO noted that TS Bases page B 3/4 5-2a, which was submitted on December 21, 1998, contained wording errors and provided a corrected page. The TS Bases page you provided on February 22, 1999, is hereby returned to you and should be inserted in the TS to ensure the NRC staff and NNECO have identical TS Bases pages.

Sincerely,

original signed by:

James W. Andersen, Project Manager
 Project Directorate I-2
 Division of Licensing Project Management
 Office of Nuclear Reactor Regulation

Docket No. 50-423

Enclosure: As stated

cc w/encl: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 17, 1999

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Northeast Nuclear Energy Company
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Sincerely,

A handwritten signature in black ink, appearing to be "JW Andersen", written over a horizontal line.

James W. Andersen, Project Manager
Project Directorate I-2
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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Enclosure: As stated

cc w/encl: See next page

Millstone Nuclear Power Station
Unit 3

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Millstone Nuclear Power Station
Unit 3

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EMERGENCY CORE COOLING SYSTEMS

BASES

ECCS SUBSYSTEMS (Continued)

- the RSS pumps, since this equipment is laid-up dry during plant operation.
- the RSS heat exchangers, since this equipment is laid-up dry during plant operation.
- the RSS piping that is not maintained filled with water during plant operation.

Surveillance Requirement 4.5.2.C.2 requires that the visual inspection of the containment be performed at least once daily if the containment has been entered that day and when the final containment entry is made. This will reduce the number of unnecessary inspections and also reduce personnel exposure.

3/4.5.4 REFUELING WATER STORAGE TANK

The OPERABILITY of the refueling water storage tank (RWST) as part of the ECCS ensures that a sufficient supply of borated water is available for injection by the ECCS in the event of a LOCA. The limits on RWST minimum volume and boron concentration ensure that: (1) sufficient water is available within containment to permit recirculation cooling flow to the core, and (2) the reactor will remain subcritical in the cold condition following a large break (LB) LOCA, assuming mixing of the RWST, RCS, ECCS water, and other sources of water that may eventually reside in the sump, with all control rods assumed to be out. These assumptions are consistent with the LOCA analyses.

The contained water volume limit includes an allowance for water not usable because of tank discharge line location or other physical characteristics.

The limits on contained water volume and boron concentration of the RWST also ensure a pH value of between 7.0 and 7.5 for the solution recirculated within containment after a LOCA. This pH band minimizes the effect of chloride and caustic stress corrosion on mechanical systems and components.

The maximum/minimum solution temperatures for the RWST in MODES 1, 2, 3 and 4 are based on analysis assumptions.