



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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MEMORANDUM FOR: C. Thomas, Chief
Standardization and Special Projects Branch, DST

FROM: W. Butler, Chief
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SUBJECT: RECOMMENDED CHANGE TO THE STANDARD TECHNICAL SPECIFICATIONS

Surveillance requirement 4.6.1.2, Item C.1 of the Standard Technical Specifications, which is identical to Item III.A.3.b of Appendix J to 10 CFR Part 50 is not well worded since if the test is properly performed, the difference between the supplemental and the Type A tests can never be $\leq 0.25 L_a$. Therefore, it is recommended that Item 4.6.1.2.c.1 of the Standard Technical Specifications be changed to read either of the following two ways:

1. "Confirms the accuracy of the test by verifying that the containment leakage rate, L_v , calculated in accordance with ANSI N 45.4 -1982, Appendix C, is within 25 percent of the containment leakage rate, L_v , measured prior to the introduction of the superimposed leak"; or,
2. "Confirms the accuracy of the test by verifying that the supplemental test result, L_c , minus the sum of the Type A and the superimposed leak, L_o , are equal to or less than $0.25 L_a$ ".

In addition, it is recommended that Item C.3 of the same surveillance requirements be changed to read as follows:

~~that~~
"Requires ^{that} the ~~quantity of~~ gas injected into the containment or bled from the containment during the supplemental test ~~be~~ be between $0.75 L_a$ and $1.25 L_a$ ".

The reason for this change is that Appendix C to ANSI N 45.4 - 1972 requires the superimposed leakage rate to be approximately equivalent to L_a . The new ANSI/ANS 56.8 sets the limits between $0.75 L_a$ and $1.25 L_a$.

By copy of this memorandum, we recommend that these changes be made a part of the Standard Technical Specifications for both BWR's and PWR's.

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