5.5 Programs and Manuals

5.5.11   Safety Function Determination Program (SFDP) (continued)

The SFDP identifies where a loss of safety function exists. If a loss of safety function is determined to exist by this program, the appropriate Conditions and Required Actions of the LCO in which the loss of safety function exists are required to be entered.

5.5.12   Primary Containment Leakage Rate Testing Program

a.   A program shall be established to implement the leakage rate testing of the primary containment as required by 10 CFR 50.54(o) and 10 CFR 50, Appendix J, Option B, as modified by approved exemptions. This program shall be in accordance with the guidelines contained in Regulatory Guide 1.163, "Performance-Based Containment Leak-Test Program," dated September, 1995, with the exception of approved exemptions to 10 CFR 50, Appendix J, and as modified by the following exception to NEI 94-01, Rev. 0, "Industry Guideline for Implementing Performance-Based Option of 10 CFR 50, Appendix J":

The first Type A test after the October 1992 test shall be performed no later than October 2007.

b.   The peak calculated containment internal pressure for the design basis loss of coolant accident, P_a, is 56.5 psig.

c.   The maximum allowable containment leakage rate L_a, at P_a, shall be 0.5% of containment air weight per day.

d.   Leakage Rate acceptance criteria are:

1.   Containment leakage rate acceptance criterion is $\leq 1.0\ L_a$. During the first unit startup following testing in accordance with this program, the leakage rate acceptance criteria are $\leq 0.60\ L_a$ for the required Type B and C tests and $\leq 0.75\ L_a$ for Type A tests.

2.   Air lock testing acceptance criteria are:

i)   Overall air lock leakage rate is $\leq 0.05\ L_a$ when tested at $\geq P_a$.

ii)   For each door, leakage rate is ≤ 5 scf per hour when the gap between the door seals is pressurized to $\geq P_a$.

(continued)