Attachment 3

PROPOSED CURRENT TECHNICAL SPECIFICATION CHANGES

(MARK-UPS & REVISIONS)

LIMITING CONDITION FOR OPERATION (Continued)

ACTION (Continued)

d. The combined leakage rate, for all penetrations shown in Table 3.6.1.3-1 as annulus bypass leakage paths, exceeding 13,500 cc/hr, or

e. The combined leakage rate, for all valves shown in Table 3.6.4-1 to be secondary containment bypass leakage paths and equipped with PVLCS, exceeding 170,000 cc/hr, or

f. The measured combined leakage rate, for all containment isolation valves in hydrostatically tested lines per Table 3.6.4-1 which penetrate the primary containment, exceeding 1 gpm times the total number of such valves,

restore:

a. The overall integrated leakage rate(s) to less than 0.75 La as applicable, and

b. The combined leakage rate, for all penetrations and all valves subject to Type B and C tests, to less than 0.60 La, and

c. The measured leakage rate to less than 150 scfh for the valves served by each Division of MS-PLCS and the measured leakage rate to less than 340 scfh for each of the valve groupings identified in 3.6.1.3.c.1, 3.6.1.3.c.2, and 3.6.1.3.c.3, and

d. The combined leakage rate, for all penetrations shown in Table 3.6.1.3-1 as annulus bypass leakage paths, to less than or equal to 13,500 cc/hr, and

e. The combined leakage rate, for all valves shown in Table 3.6.4-1 to be secondary containment bypass leakage paths and equipped with PVLCS, to less than or equal to 170,000 cc/hr, and

f. The combined leakage rate, for all containment isolation valves in hydrostatically tested lines per Table 3.6.4-1 which penetrate the primary containment, to less than or equal to 1 gpm times the total number of such valves,

prior to increasing reactor coolant system temperature above 200°F.

SURVEILLANCE REQUIREMENTS

4.6.1.3 The primary containment leakage rates shall be demonstrated at the following test schedule and shall be determined in conformance with the criteria specified in Appendix J of 10 CFR 50~~using the methods and provisions of ANSI N45.4 (1972)~~:

a. ~~Three~~ Type A Overall Integrated Containment Leakage Rate tests shall be conducted ~~at 40 ± 10 month intervals~~ during shutdown at Pa, 7.6 psig~~, during each 10-year service period. The third test of each set shall be conducted during the shutdown for the 10-year plant inservice inspection.~~ at 10 yr intervals.*

* This is an exemption from 10CFR50, Appendix J Requirements.

LIMITING CONDITION FOR OPERATION (Continued)

ACTION (Continued)

d. The combined leakage rate, for all penetrations shown in Table 3.6.1.3-1 as annulus bypass leakage paths, exceeding 13,500 cc/hr, or

e. The combined leakage rate, for all valves shown in Table 3.6.4-1 to be secondary containment bypass leakage paths and equipped with PVLCS, exceeding 170,000 cc/hr, or

f. The measured combined leakage rate, for all containment isolation valves in hydrostatically tested lines per Table 3.6.4-1 which penetrate the primary containment, exceeding 1 gpm times the total number of such valves,

restore:

a. The overall integrated leakage rate(s) to less than 0.75 La as applicable, and

b. The combined leakage rate, for all penetrations and all valves subject to Type B and C tests, to less than 0.60 La, and

c. The measured leakage rate to less than 150 scfh for the valves served by each Division of MS-PLCS and the measured leakage rate to less than 340 scfh for each of the valve groupings identified in 3.6.1.3.c.1, 3.6.1.3.c.2, and 3.6.1.3.c.3, and

d. The combined leakage rate, for all penetrations shown in Table 3.6.1.3-1 as annulus bypass leakage paths, to less than or equal to 13,500 cc/hr, and

e. The combined leakage rate, for all valves shown in Table 3.6.4-1 to be secondary containment bypass leakage paths and equipped with PVLCS, to less than or equal to 170,000 cc/hr, and

f. The combined leakage rate, for all containment isolation valves in hydrostatically tested lines per Table 3.6.4-1 which penetrate the primary containment, to less than or equal to 1 gpm times the total number of such valves,

prior to increasing reactor coolant system temperature above 200°F.

SURVEILLANCE REQUIREMENTS

4.6.1.3 The primary containment leakage rates shall be demonstrated at the following test schedule and shall be determined in conformance with the criteria specified in Appendix J of 10 CFR 50

a. A Type A Overall Integrated Containment Leakage Rate Test shall be conducted during shutdown at P_a, 7.6 psig, at 10 year intervals *

* This is an exemption from 10CFR50, Appendix J Requirements.

Attachment 4

INTEGRATED LEAK RATE TEST COST SUMMARY

	Amount	**Sub-Total Amount**		
Equipment	$100,000	**$100,000**		
Compressors (6)				
Air Dryer (2)				
Chillers (1)				
After Coolers (2)				
Manifold (1)				
Hoses (vary)				
Mechanic (1)				
Estimated Man-Hrs ($50/hr)	1/ 2,000	**$100,000**		
(Test Eng /Tech)		(Man/Hr x Rate =)		
(As-found LLRTs)				
(Tagging)				
(Hook-ups)				
(Actual Test Walk-Downs)				
Estimated Man-Hrs ($100/hr)	1/ 500	**$50,000**		
(ILRT Test Director)		(Man/Hr x Rate =)		
(Procedure Review)				
(Instrument Checks)				
(In-Situ Cal Checks)				
(Review Line-ups)				
(Direct Test)				
(Prepare Final Report)				
Critical Path Time	2/ 72 hrs	**$1,296,000**		
($18,000/HR)				
Person Rem	21.4	**$321,000**		
1 person rem x $15,000				
	TOTAL			
	(1 ILRT)	**$1,867,000**		
			TOTAL *	**$11,202,000**
			(6 ILRTs)	
NOTES: 1/ including Contract labor 2/ replacement power costs				*Total of 6 ILRTs eliminated over remaining licensed life of the plant (30 years)