Attachment B

PROPOSED TECHNICAL SPECIFICATION 3.6.2

3.6.2 CONTAINMENT ISOLATION VALVES

APPLICABILITY: MODES 1, 2, 3 and 4.

OBJECTIVE: To provide assurance that the containment isolation valves listed in Table 3.6.2-1 will function when initiated by appropriate sensors.

SPECIFICATION: The containment isolation valves specified in Table 3.6.2-1 shall be OPERABLE.

ACTION

A. With one or more of the isolation valves(s) specified in Table 3.6.2-1 inoperable, for each affected penetration that is provided with two isolation valves and is open maintain at least one valve OPERABLE, and for all affected penetrations with either one or two isolation valves, one of the following Actions shall be taken:

1. Restore the inoperable valve(s) to OPERABLE status within 4 hours, or

2. Isolate each affected penetration within 4 hours by use of at least one deactivated* power operated valve secured in the isolation position, or

3. Isolate each affected penetration within 4 hours by use of at least one closed manual valve or blind flange, or

4. Be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

B. The provisions of Specification 3.0.4 are not applicable provided that within 4 hours the affected penetration is isolated in accordance with Action A.2 or A.3 above, and provided that the associated system, if applicable, is declared inoperable and the appropriate ACTION statements for that system are taken.

BASIS: The OPERABILITY of the containment isolation valves ensures that the containment atmosphere will be isolated from the outside environment in the event of a release of radioactive material to the containment atmosphere or pressurization of the containment. Containment isolation ensures that the release of radioactive material to the environment will be consistent with the assumptions used in the analyses for a LOCA.

* Valve may be temporarily activated for valve position verification and testing. While the valve is activated by this note, Action A.1 shall be applied and any system(s) declared inoperable pursuant to Action B shall not be declared OPERABLE.

The isolation valves of the Sphere Purge Air Supply (POV-9) and Air Outlet (POV-10) lines have not been demonstrated capable of closure under the differential pressures generated by a design basis accident. For this reason, containment isolation in these lines shall be maintained. This configuration shall be accomplished by locking closed manual isolation valves CVS-301 and CVS-313 of these lines. These valves shall remain locked closed during MODES 1, 2, 3, and 4 until POV-9 and POV-10 can be demonstrated capable of performing their containment isolation function under post accident conditions.

Temporary activation of a secured closed containment isolation valve permits position indication of certain types of valves and allows maintenance testing of isolation valves.

References:

1. NRC letter dated July 2, 1980, from D. G. Eisenhut to all pressurized water reactor licensees.

TABLE 3.6.2-1

REMOTE MANUAL (RM) OR AUTOMATIC CONTAINMENT ISOLATION VALVE SUMMARY

| | DESCRIPTION | INSIDE SPHERE | OUTSIDE SPHERE |
|---|---|---|---|
| 1. | Sphere Sump Discharge | CV-102 | CV-103 |
| 2. | RCS Dr Tk Discharge | CV-104 | CV-105 |
| 3. | RCS Dr Tk Vent | CV-106 | CV-107 |
| 4. | $N_2$ to RCS Drain Tank and PRT | CV-536 | CV-535 |
| 5. | ORMS 1211/1212 Sphere Sample Supply | CV-147 | SV-1212-9 |
| 6. | ORMS 1211/1212 Sphere Sample Return | CV-146 | SV-1212-8 |
| 7. | A Stm. Gen. Stm. Sample | - | SV-119 |
| 8. | B Stm. Gen. Stm. Sample | - | SV-120 |
| 9. | C Stm. Gen. Stm. Sample | - | SV-121 |
| 10. | A Stm. Gen. Blowdown Sample | - | SV-123 |
| 11. | B Stm. Gen. Blowdown Sample | - | SV-122 |
| 12. | C Stm. Gen. Blowdown Sample | - | SV-124 |
| 13. | Service Water to Sphere | CV-537 | CV-115 |
| 14. | Service Air to Sphere | Check Valve | SV-125 |
| 15. | SI Loop C Vent | SV-702B | SV-702A |
| 16. | SI Loop B Vent | SV-702D | SV-702C |
| 17. | $H_2$ Calibration Gas | SV-3004 | SV-2004 |
| 18. | RC Loop Sample | (CV-955, CV-956, CV-962) RM | CV-957 SV-3302 |
| 19. | Pressurizer Sample | (CV-951, CV-953) RM | CV-992 |
| 20. | Sphere Purge Air Supply* | - | POV-9 |
| 21. | Sphere Purge Air Outlet* | - | POV-10 |
| 22. | Sphere Equalizing/Vent Inst. Air Vent | CV-116 CV-40 | CV-10 |
| 23. | Primary Makeup to PRT | CV-533 | CV-534 |
| 24. | Cont. Cooling Out | - | CV-515 RM |
| 25. | Cont. Cooling In | - | CV-516 RM |
| 26. | $N_2$ Supply to PORV | Check Valve | CV-532 RM |
| 27. | Letdown | CV-525 RM | CV-526 RM |
| 28. | Seal Water Return | CV-527 RM | CV-528 RM |
| 29. | RC Loop Sample Return | Check Valve | SV-3303 |

* Manual valves CVS-301 and CVS-313 of the Sphere Purge Air Supply and Air Outlet lines, respectively, shall be locked closed during MODES 1, 2, 3, and 4.

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