



During routine plant startup operations, the A RHR loop could not be maintained full of water following operation of the A RHR pump. RHR pump A had been operated to bring the pressure suppression pool (torus) level to within Technical Specification limits prior to startup. Investigation revealed that the discharge check valve on the A RHR pump was not closing properly and thus allowing the discharge header to drain through the check valve and pump to the torus.

In order to permit plant startup to proceed, the A loop RHR pumps were placed in operation in the torus cooling mode. This action allowed the RHR pumps to maintain the discharge header full and thus meeting the requirements of Technical Specification, Appendix A, Paragraphs 3.5.A.3 and 3.5.G. This alternate system lineup (torus cooling mode) is automatically terminated and appropriate motor operated valves are repositioned for LPCI mode operation of the system in the event a LPCI injection signal is present.

When time permitted (following plant startup) on December 27, 1978 (approximately 72 hours after the initiating event), Operations Surveillance Test F-ST-2L titled "One RHR Pump Inoperable Test" was completed with satisfactory results. This action satisfied the requirements of Technical Specification Appendix A, paragraph 4.5.A.3.a and allowed RHR pump A to be isolated from the A loop and be declared inoperable. When the discharge check valve was disassembled, no cause for the apparent sticking could be found. The valve was reassembled, the RHR pump was tested and declared operable. RHR pump A was out of service for approximately 8 hours.