

CONTROL BLOCK: 

--	--	--	--	--	--

 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7908290429.

Additional Cause Description and Corrective Action

During the final stages of the repair effort on March 16, 1979, the A CVCS holdup tank was filled in preparation for a hydrostatic test. Prior to pressurization, the tank was isolated in preparation for "gagging" the relief valve. In the interval between isolation and the hydrostatic test, the level in the A CVCS holdup tank was noted to be decreasing while the level in the B CVCS holdup tank was increasing. A CVCS holdup tank pressure decreased to below atmospheric and cover gas was reapplied. The level of activity revealed that the A CVCS holdup tank had buckled side walls with minor ruptures. The cause of the event was most probably due to leakage through drain header valves from the A CVCS holdup tank to the B CVCS holdup tank. This resulted in low internal tank pressure and subsequent collapse. The resulting release was a gaseous mixture with a total activity of 31 curies; this represents 0.033% of the quarterly gas release limit.

Corrective action will include repair of the defect and evaluation of cover pressure control and monitoring methods.

Tank Data: 13,000 ft<sup>3</sup>  
15 psig internal pressure  
200°F  
0 psig external pressure

