

To: M. Blackwell
From: L. Collins

Date: 8/5/81

Subject: V.C.M. leak, old unit.

DTH 000105443

At 11:00 field of. Larder Keaton noticed frost on ^{D-500} sewer line and ice in sewer line-sight glass. He notified Chief of., Doug Spann, who checked out situation and also notified firewatch to stop all work. There was no high level concentration of V.C.M. in area, ^{0-1 P.P.M.} but was in sewers. ^{3000 P.P.M.} We shut down all hot work in Vinyl area as a safety precaution. We evacuated D-400 to be used to recover D-500 manifold. While evacuating D-400, had maint. to adjust packing collar on sewer valve on D-500 to try to stop leak. The leak looked to be about $\frac{1}{8}$ " diameter. We then evacuated D-500 manifold through D-400 reactor. Had a 30" vacuum on D-400 ^{chart} before evacuating D-500 manifold. The vacuum did not move on D-400 chart after had evacuated D-500 manifold, but we recovered & stuffed D-400 before rinsing to sewer. Flushed H₂O through D-400 to sewer to clean out any V.C.M. that might have been trapped in it. Checked area with H₂Nu and found all areas to be free of any V.C.M. - Sounded all clear @ 1200 for work to resume. When D-500 comes down, will pressure test manifold and repair valves as needed.