

*Drawings to resident's
From direct RCR
that was registered
by PRC.*

20,000,001 in CCF.

~~Withhold All
Exemptions~~

Table 1

Autoclave

| # | Date | Event | Leak Size | RESPONSE | | | | | | |
|---|----------|--------------------------|--|----------------|---|--|--|---|--|--|
| | | | | WR | PIF/ CR/IR | Immediate Action | Particulate Sample | Tritium Sample | 10CFR 50.75(g) | Resolution |
| 1 | 11/27/96 | VB1 leak | Significant. >250,000 gals | WO 96111970 | Not required at this time. | Requested repair. | No, will be addressed under ATI# 435383 | No initially. Tritium plume was identified in 2006. | No, will be addressed under ATI# 435383 | 05/19/97 1" pipe to a release valve broke. Tritium plume was identified around VB- in 2006. Remediation being addressed unde IR# 435383. |
| 2 | 12/4/98 | VB3 leak - seat | Significant. Caused flooding. ~ 3M gals | WO 98127749 | A1998- 04324 | Isolated air release valve until parts could be received. | 04/26/01 sampling was performed. | No initially. Tritium plume was identified in 2006. | 07/25/01 sampling was performed. | 05/20/02 1" pipe to th air release valve brok due to corrosion. Guid post sheared weld off float. Entire vacuum breaker replaced. Tritium plume was identified around VB- ir. 2006. Remediation being addressed unde IR# 435383. |
| 3 | 11/6/00 | VB2 leak- seat | Significant. Caused flooding. ~ 3M gals | WO 98003276 | A2000- 04281 Root Cause 38237 | Replaced vacuum breaker | Positive for detectable radioactivity. | Positive for detectable radioactivity. | Yes. Sampling was performed. | 11/06/00 Float broke o vacuum breaker. Tritiu plume was identified around VB-2 in 2006. Remediation being addressed under IR# 435383. |
| 4 | 11/10/00 | VB6 leak - seat | Small leak | WO 99231846 | None. IR have been written. | Requested repair. | No, will be addressed under ATI# 435383 | No initially. Tritium plume was identified in 2006. | No, will be addressed under ATI# 435383 | 10/17/05 Valve assembly replaced. 200 remediation sampling showed no tritium in th groundwater at this location. |
| 5 | 11/20/00 | VB1 leak | Vacuum breaker lifting. | WO 99233404 | None. IR have been written. | Rebuilt valve. | 11/20/00 Negative for detectable radioactivity. | 11/20/00 Negative for detectable radioactivity. | 02/05/01 sampling was performed. | 11/21/00 Rebuilt valve internals. Tritium plum was identified around VB-1 in 2006. Remediation being addressed under IR# 435383. |
| # | Date | Event | Leak Size | RESPONSE | | | | | | |
| | | | | WR | PIF/ CR/IR | Immediate Action | Particulate Sample | Tritium Sample | 10CFR 50.75(g) | Resolution |

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