

Questions

Could the vacuum breaker valve open and reseal between walk-downs?

A functional vacuum breaker valve would open any time the pressure inside the pipe fell below the pressure outside the by more than 0.25 psi. (This is the minimum value available from the manufacturer. Actual values for the valves in question will need to be established.) The residence are looking for the exact model number. Once I have this I will contact the manufacturer to discuss failure modes and history of device.

Verify corrective action and changes to components.

From Root Cause Report: Part of Corrective Actions for 2000 event. Due date was 03/01/2001. Residents are looking for a completion date or additional information.

What drove the additional samples being taken in owner controlled area?

The discover of this issue was made during normally scheduled sampling.

What is the lake turn-over rate? (Days? Weeks?)

25,000 g.p.m. is the normal rate (with booster pumps, When were these installed?).

What is the periodicity for the blow down system?

All most continuously

What is the normal duration of use?

All most continuously

When will the licensee begin pumping wells?

Root cause is in process. The extent of condition is still being established. Corrective actions are not designated at this time.

When will the samples being collected by the residents be in the region? What is the plan for the samples?

Transported to region by residents today, Friday December 2, 2005. The samples will be sent to ORISE (Oak Ridge National Laboratories) by DNMS. The NRC point of contact will be William Snell, 9871. The licensee is expected to continue sampling through the weekend. The licensee will split the samples for the NRC and maintain control of them until Monday. A decision about future sample testing will be made Monday.

Rad release valves will not open with less than 7000 gpm of blow down flow. (Interlock)

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