

**Priority Table For Possible Tritium Underground Leak
For Information Only
Updated 4/30/09**

Line/ Component	Priority	Description	Size	Pressure	Material	Age	Length	Depth	Process Water	Comments	Status
CST	High	Condensate Storage Tank	45 foot diameter	40 feet	Al	Bottom is 17 years old	NA	Bottom is on Surface	Condensate	Need to sample wells near the tanks	Open
CS-27	Low	CST and Demin Storage Water Tanks Over flow line	12"	0 psig	CS	Originally	40'	7 ½ feet below grade	Mixture of Condensate and/or Demin water	Low pressure and line is not Full	Discounted - Line is void and does not have flow. This was verified by walkdown in the Turbine Building where this line terminates.
A-4	Medium Proposed Excavation #1	6" line from Condensate transfer Pumps to Turbine Building	6"	Condensate Transfer Pump Discharge 150 psig	Al	Replaced in early 1990's	25'	6 ½ feet from grade	Condensate Water	Guide Wave inspected in 2007 and partially inspected in 2008	Discounted - This line was installed in 1994. The corrosion mechanism is from outside the pipe. Coating on this line was inspected on 4/29/09 and found to be in good condition
A-2	High Proposed Excavation #1	6" line From Condensate System to the Hotwell level Control System	6"	Condensate Pump Discharge	Al	Original	30'	6 ½	Condensate Water	Guide Wave inspected in 2007	This line was originally added to this matrix (rev 0 @ 4/19/09) because it was thought to be located on the west side of the Turbine Building. Further review showed it is actually located on the west side of the Reactor Building and is therefore a duplicate of a line addressed below.

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