

Rll's Tritium and Buried Piping Background Information

Item 1: Groundwater Contamination Survey

Site	(f) Have there been tritium releases, (spills, leaks etc.) other than routine effluent releases, into the public domain (areas outside the OCA)?	(g) Has the licensee identified onsite radioactive subsurface water contamination?	Sources of tritium releases and subsurface water	Highest groundwater contamination levels (pCi/l)
Outside of Scope				

outside of scope

Site	(1) Have there been tritium releases, (spills, leaks etc.) other than routine effluent releases, into the public domain (areas outside the OCA)?	(9) Has the licensee identified onsite radioactive subsurface water contamination?	Sources of tritium releases and subsurface water	Highest groundwater contamination levels (pCi/l)
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Outside of Scope

outside of scope

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Outside of Scope				
VOG	No	No	N/A	1320 pCi/L (background level due to proximity to SRS)
Outside of Scope				

outside of scope

outside of scope

Note 1 -

Item 2: Contamination Plume Assessment (From Item 1, for sites that have identified groundwater contamination)

Site	General Description of Radwaste Discharge, Water Wells, and Onsite Aquifers	Groundwater Flow Characteristics	Number and Location of Monitoring Wells	Estimated Time to Reach Public Drinking Water Aquifers
Outside of Scope				

outside of scope

Outside of Scope

Outside of Scope

Outside of Scope

Outside of Scope

Outside of Scope

Outside of Scope

Outside of Scope

outside of scope

VOG

N/A

N/A

21

Unknown - N/A

Outside of Scope

outside of scope

Item 3: Site's Monitoring Plan for Buried Piping

Item 4: Release Limits and Recent Release History

Site	2008 Total Body Dose from Liquid Effluent (10 CFR 50, App I value is 3 mrem/yr) in mrem/yr	2008 Total Body Dose from Gas Effluents (10 CFR 50, App I value is 5 mrem/yr) in mrem/yr	2008 Total Dose from Both Liquid and Gaseous Effluents in mrem/yr
Outside of Scope			
VOG			
Outside of Scope			

Outside of Scope

Outside of Scope

Note: The actual regulatory limit is 100 mrem from all sources. The above limits are design objectives and may have been included in the ODCM as licensee requirements.