

Ron:

Thank you for clarifying those open items. They made little sense to me. Here are answers to your three open items:

1. Route 9 Bridge activity concentration of noble gases is <MDA from gamma spectroscopy reports..
2. I have additional engineers working on the CST evaporation rate using psychometric charts.
3. We counted over 20 soil samples from the pipe excavation behind the Condensate Transfer Building. In addition to naturally occurring radionuclides, samples show Co-60 and Cs-137. The highest Co-60 activity concentration is 4.70E-6 uCi/g and the lowest was <MDA. The highest Cs-137 activity concentration is 2.28E-7 uCi/g and the lowest was <MDA.

The below table shows a brief description of the soil samples and Co-60 and Cs-137 activity concentrations:

Soil Sample Results for CST Dig April-May 2009

Location	Date	Co-60 uCi/g	Cs-137 uCi/g
Dirt #1 Near CST	4/17/2009		
Dirt #2 Near CST	4/17/2009	3.47E-06	2.18E-07
Dirt #3 Near CST	4/17/2009	2.47E-06	8.47E-08
Near CST 4' Depth	4/17/2009	1.28E-06	
Near CST 4' Depth	4/17/2009	2.84E-07	1.10E-07
Near CST 3' Depth	4/17/2009	2.17E-06	1.39E-07
Near CST 2' Depth	4/17/2009	1.13E-06	1.46E-07
Near CST 5' Depth	4/18/2009	1.12E-06	1.83E-07
Near CST 5' Depth	4/18/2009	9.00E-07	9.39E-08
Near CST 5' Depth	4/18/2009	1.12E-06	1.83E-07
Near CST Lower S of pipe	4/18/2009	4.70E-06	1.72E-07
New Hole 1'	4/21/2009		
N Side Pumphouse Surface	4/24/2009		2.28E-07
N of CST 1'	4/25/2009		1.66E-07
N of CST 2'	4/25/2009	2.58E-07	1.13E-07
N of CST 3'	4/25/2009	3.44E-07	6.98E-08
N of CST 4'	4/25/2009		1.21E-07
N of CST 5'	4/25/2009		1.21E-07
CST Pit 5'	4/25/2009		9.73E-08
	Means	1.60E-06	1.40E-07