

Pressley, Lundy

From: Wade Loo *RL*
Sent: Wednesday, May 13, 2009 10:10 AM
To: Adam Nielsen; Curtis Rapp
Cc: Brian Bonser; Phillip Niebaum; James Hickey
Subject: RE: Followup on Hatch tritium detection

FYI, I just got off the phone with Violet Coleman, Chemistry Manager, at Hatch. Got an update on the tritium that was detected. She said that the groundwater monitoring well, T3, was sampled during routine sampling and came back with ~33K. They resampled it and it came back as ~34K. This is much higher than in past samplings. They are now sampling the wells in the surrounding area and awaiting those results from the lab. T3 is located between the Turbine building and the recombiner building. This is the area where they have had historical issues back to the 80s regarding an uncapped offgas line. This is an area where they knew they had issues and put more wells in this area for increased sampling. She said that they have had more rainwater than the past several years and the water table is higher. They suspect that this is the reason for the increased activity due to the water table being higher. Once they get the sample results from the other wells in the area they will continue their investigation into this matter. I asked her to call Adam when she finds out what is going on and what they plan to do next. Any questions please let me know. Thanks.

From: Wade Loo
Sent: Tuesday, May 12, 2009 11:04 AM
To: Adam Nielsen
Cc: Brian Bonser; Curtis Rapp
Subject: RE: Followup on Hatch tritium detection

Thanks a bunch! Just let us know if you find anything newsworthy that we should know before you come back next week.

From: Adam Nielsen
Sent: Tuesday, May 12, 2009 10:59 AM
To: Wade Loo
Cc: Brian Bonser; Curtis Rapp
Subject: Followup on Hatch tritium detection

I will followup with a phone call to the Chemistry Supervisor, as time permits. I am at St. Lucie this week.

I believe monitoring well T3 has shown detectable tritium levels in the past. In case anybody asks, the groundwater moves slowly toward the Altamaha river (the normal discharge point). Groundwater is monitored through a series of subsurface drains and composite samplers as it discharges to the river. This is all in addition to the extensive monitoring well program. Hatch still has significant onsite subsurface tritium contamination (mostly from historical CST leaks). Last I checked, nothing above background had been detected offsite.

Adam

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