

RE: [WARNING : MESSAGE ENCRYPTED] Fwd: NLVF Questions

Radack, Phyllis [RADACKPM@nv.doe.gov]

Sent: Monday, February 01, 2010 11:58 AM**To:** Michael Skougard [michael.skougard@gmail.com]**Cc:** Morris, Patrick [MorrisPS@nv.doe.gov]; Mike West; Enyeart, Sandra B. [SANDRA.B.ENYEART@saic.com]; Stacey Schueler; carrie.stewart [Carrie.Stewart@nv.doe.gov]; Cohn, Linda [cohn@nv.doe.gov]

Mike:

Yes, groundwater is still high, thus requiring ongoing pumping. And yes, tritiated water is still being extracted from the basement sump. I want to clarify a previous statement - the tritiated water is trucked to the NTS in the winter, but in the summer, the water is evaporated through swamp coolers at the NLVF.

Phyllis Radack
Manager, Regulatory Services
702-295-6582
702-858-5587 (cell)
702-295-7699 (fax)

From: Michael Skougard [mailto:michael.skougard@gmail.com]

Sent: Monday, February 01, 2010 8:28 AM

To: Radack, Phyllis

Cc: Morris, Patrick; West, Michael; Enyeart, Sandra B.; Stacey Schueler; carrie.stewart; Cohn, Linda

Subject: Re: [WARNING : MESSAGE ENCRYPTED] Fwd: NLVF Questions

Phyllis,

Good morning and thanks for your response. I have a couple of questions: 1) is the groundwater still high in the area around Building A-1, thus requiring ongoing pumping of the monitoring wells? 2) Is tritiated water still being extracted from the sump in the basement?

Thanks.

Mike

On Mon, Feb 1, 2010 at 8:22 AM, Radack, Phyllis <RADACKPM@nv.doe.gov> wrote:
The tritium was released in 1995. The tritiated water in the source well, however, was not discovered until 1999. The monitoring wells surrounding A-1 are used for groundwater extraction to prevent intrusion into the basement due to the rising groundwater level. The discharge from these wells is permitted under NPDES permit NV0023507. The tritiated water extracted from the sump well in the basement is pumped into a tanker and is discharged in the Mercury sewage lagoons at the NTS.

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From: Morris, Patrick

Sent: Sunday, January 31, 2010 9:42 AM

To: Radack, Phyllis

Cc: West, Michael; Enyeart, Sandra B.; Stacey Schueler; carrie.stewart; Cohn, Linda; Michael Skougard
Subject: RE: [WARNING : MESSAGE ENCRYPTED] Fwd: NLVF Questions
Importance: High

Phyllis

I was hoping that you could clarify the actual date that tritium issue in A-1 occurred. As you can see below there are conflicting dates in the literature.

Patrick Morris, Division Manager
Readiness in Technical Base and Facilities
National Security Technologies (NSTec), LLC
Ph: (702) 295-5397
Cell: (702) 630-0500

From: Michael Skougard [mailto:michael.skougard@gmail.com]
Sent: Friday, January 29, 2010 1:31 PM
To: Cohn, Linda; Morris, Patrick
Cc: West, Michael; Enyeart, Sandra B.; Stacey Schueler; carrie.stewart
Subject: [WARNING : MESSAGE ENCRYPTED] Fwd: NLVF Questions

Linda/Patrick,

The following email requests some clarification on the tritium/groundwater contamination in the basement of Building A-1 at the NTS and the associated monitoring/dewatering wells. There are some inconsistencies between various NTSEs. Please provide a response to the information request to Stacey Schueler (she is cc'd on this email).

I think Sig Drelleg (spelling?) would be a good source of information but there may be others, as well.

Thanks.

Mike Skougard

----- Forwarded message -----

From: Stacey Schueler <stacey.schueler@phe.com>
Date: Fri, Jan 29, 2010 at 1:14 PM
Subject: NLVF and TTR Questions
To: Michael Skougard <michael.skougard@gmail.com>
Cc: Mike West <mikew@phe.com>, Brian Whipple <brianw@phe.com>

As discussed in our meeting earlier today below are the data gaps I have left

NLVF

The 2008 NTS Environmental Report states that the NLVF Building A-1 tritium contamination occurred in 1999. The 2004 NTS Environmental Report states that the NLVF Building A-1 tritium contamination occurred in 1995. Does anyone know which

date is correct?

The 2008 Environmental Report also states that the sump well located in the basement of Building A-1 is now used for dewatering as remedial activities are complete....Does that mean the other monitoring wells located around the site (see attachment Figure_nlv_photo_w_wells) are no longer used? Were they all used for the tritium remediation? If they are currently used..how often...is there any sampling data? If they are not used..when were they decommissioned and closed?

Figure FigA-2_r3 attached displays well NLVF-12s as a monitoring well however Figure_nlv_photo_w_wells attached displays it as a dewatering well?

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