

From: matthew.barvenik@gza.com
To: "James Noggle" <JDN@nrc.gov>, "Larry Rosenmann" <larosenm@gw.dec.state.ny.us>, "Timothy Rice" <tbrace@gw.dec.state.ny.us>, "John Williams" <jhwillia@usgs.gov>
Date: 05/08/2007 12:49:25 PM
Subject: RE: Proposed Groundwater Investigation Meeting Agenda, May 9th

Hi Jim,

Looking at the agenda below, I would like to propose some additional modifications to the general comments Jay had during your call on Monday. The primary change is to lead off with the presentation of the 3-dim fracture representations we have developed. The fracture representations should promote a further understanding of the relationship of scale to fracture flow, and thus the applicability of a porous media model. Once we reach consensus on this issue relative to the overall conceptual site model, it should make the following discussions more productive. See mod below

-----Original Message-----

From: Matthew Barvenik [mailto:mbarvenik@gza.com]
Sent: Monday, May 07, 2007 12:00 PM
To: 'James Noggle'; 'Larry Rosenmann'; 'Timothy Rice'; 'John Williams'
Cc: 'James Kottan'; 'John White'; 'Marsha Gamberoni'; 'Dave Winslow'; 'David Rusczyk'; 'Matthew Gozdor'; 'Mike Powers'; 'Don Mayer'; 'Gary Hinrichs'; 'Jay Adler'
Subject: RE: Proposed Groundwater Investigation Meeting Agenda, May 9th

Hi Jim,

Here is latest spreadsheet of tracer data (thru 4-23-07) along with the peak plots (breakthrough curves) updated pursuant to these latest data.

-----Original Message-----

From: James Noggle [mailto:JDN@nrc.gov]
Sent: Thursday, May 03, 2007 6:54 PM
To: Don Mayer; Gary Hinrichs; Jay Adler; Larry Rosenmann; Timothy Rice; Matthew Barvenik; John Williams
Cc: James Kottan; John White; Marsha Gamberoni
Subject: Proposed Groundwater Investigation Meeting Agenda, May 9th

Dear Don,

For next week's geohydrology meeting, we propose the following agenda and appreciate the support of your staff to discuss the associated subjects. Please let me know the location for our meetings (preferably outside the Protected Area) and confirm your ability to support the indicated agenda.

Wednesday

9:00 - 10:45 GZA to discuss development of 3-D fracture representations of the ground-water system behavior related to the anthropogenic features affect radionuclide transport; hydrogeologic features, events and processes; IPEC monitoring network, contaminant sources and sampling locations. NRC, NYS DEC, and USGS to present additional fracture flow analysis with subsequent group discussion.

B-28

11:00 - 12:00 GZA to address questions/concerns pursuant to the results of the tracer test and its interpretation in conjunction with the RW-1 pumping test - data previously provided in pumping test report and multiple transmittals of tracer test, etc. data, including tracer breakthrough curves.

1:00 - 2:30 GZA, NRC, NYS DEC, and USGS staff discuss alternative conceptual models of radionuclide transport via the ground-water system based upon fracture analysis, tracer test and pumping data.

2:30 - 3:00 GZA summarizes current GW flow calcs, with comparison to initial calcs, pursuant to input for dose assessments. Group discussion of lessons learned from investigations of spent fuel pool (SFP) releases, site characterization, and monitoring studies to interpret H-3, Sr-90 and Cs-137 migration as input to dose assessments.

3:15 - 5:00 Entergy lead a discussion on long-term ground-water monitoring to include detection of Unit 2 SFP leaks, continued monitoring of existing plumes and for early detection of any other ground water abnormal releases onsite.

Potential after meeting opportunity to tour groundwater monitoring wells, breakout sessions, etc.

Thursday

8:00 - 10:00 Tom Nicholson and Jim Noggle meet with Entergy to discuss "Deviation Memo" and "potential open items list."

Thanks again for your support of our inspection effort.

Regards,

Jim

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CC: "James Kottan" <JJK@nrc.gov>, "John White" <JRW1@nrc.gov>, "Marsha Gamberoni" <MKG@nrc.gov>, "Dave Winslow" <dwinslow@gza.com>, "David Rusczyk" <drusczyk@erl.com>, "Matthew Gozdor" <mgozdor@yahoo.com>, "Mike Powers" <mpowers@gza.com>, "Don Mayer" <DMayer1@entergy.com>, "Gary Hinrichs" <ghinric@entergy.com>, "Jay Adler" <jadler@entergy.com>