

From: Eddie Grant <eddie.grant@exeloncorp.com>
To: "Nanette Gilles (E-mail)" <nvg@nrc.gov>
Date: Fri, Jul 12, 2002 6:48 AM
Subject: Exelon ESP seismic activities

Thanks for the feedback provided on Wednesday. Here are some responses to the questions I could not answer.

1) Nan Gilles asked if there is one week during which all of the activities would be occurring, i.e., (1) Drilling and sampling, (2) CPT, and (3) velocity testing?

Exelon Response: Unfortunately, we do not expect all three activities to occur during any single week. Our current schedule is as follows:

- Week of July 22nd. Drill and sample two 100-foot boreholes and conduct four CPT soundings. Two of the CPTs will have seismic cone measurements. Each of the 100-foot boreholes is expected to take 2 days, including the installation of piezometers. All of the CPTs should be completed in 2 or 3 days.
- Week of July 29th. Begin drilling and sampling first of 250-foot boreholes. We expect this hole to take approximately 4 to 5 days. Immediately after completion of the 250-foot hole, we will conduct the suspension logging measurements to obtain shear wave velocities in the 250-foot hole. This could occur over the weekend or starting on August 5th, depending on when the hole is completed and whether the driller thinks the hole will remain open over the weekend.
- Week of August 5th. Conduct suspension logging in 250-foot borehole if it hasn't already been completed and then install a piezometer in the 250-foot hole to a depth of approximately 70 feet. We will then move to the second 250-foot hole and begin drilling. We expect to be drilling the second 250-foot hole by mid-week.
- Week of August 12th. Complete the 2nd of the 250-foot holes.

2) Yong Kim asked if we had the soil testing data from the original site work for Clinton. If we do, he indicated that he would like a chance to look at it - possibly during the site visit.

Exelon Response: There is a significant amount of site information in the USAR - nearly 300 pages of text and tables, and nearly 500 figures on the geology and seismology. This information includes the boring logs and laboratory data from the original investigations in the 1970s. There are also geologic cross-sections for the site. Let me know if you do not have ready access to the Clinton USAR, or if Mr. Kim is interested in other specific information. Also, we will have this information available at the site for your review.

Additionally, Exelon is considering an early fall meeting with NRC technical staff to review the field results, possibly adjacent to a more general

meeting on the ESP seismic work.

3) Ronaldo Jenkins asked about the request for a demonstration project.

Exelon Response: The ESP Task Force will address this request at our meeting on July 16th.

4) Ronaldo Jenkins asked about a possible meeting to discuss PSHA plans. In particular, he asked how do we intend to update the EPRI database?

Exelon Response: The ESP Task Force is considering at least two meetings to brief the NRC technical staff on the progress of the PSHA work. The general method being used to update the EPRI database was outlined during the meeting on June 13th and the results can be presented during our proposed progress review briefings. The updates of the EPRI database are covering seismic sources and activity, ground motion models, etc. The ESP Task Force also plans to address the method of updating the EPRI database as part of the PSHA discussions. More details regarding these meetings will be discussed at our meeting on July 16th in connection with the ESP Task Forces discussion of a demonstration project.

See you next Tuesday.

Eddie R Grant
Exelon ESP Project
610-765-5001 Office
610-765-5545 Fax
850-598-9801 Cell

This e-mail and any of its attachments may contain Exelon Corporation proprietary information, which is privileged, confidential, or subject to copyright belonging to the Exelon Corporation family of Companies. This e-mail is intended solely for the use of the individual or entity to which it is addressed. If you are not the intended recipient of this e-mail, you are hereby notified that any dissemination, distribution, copying, or action taken in relation to the contents of and attachments to this e-mail is strictly prohibited and may be unlawful. If you have received this e-mail in error, please notify the sender immediately and permanently delete the original and any copy of this e-mail and any printout. Thank You.

Mail Envelope Properties

(3D2EB3FE.0AA : 1 : 41130)

Subject: Exelon ESP seismic activities
Creation Date: Fri, Jul 12, 2002 6:42 AM
From: Eddie Grant <eddie.grant@exeloncorp.com>
Created By: eddie.grant@exeloncorp.com

Recipients

nrc.gov
owf4_po.OWFN_DO
NVG (Nanette Gilles)

Post Office
owf4_po.OWFN_DO

Route
nrc.gov

Files	Size	Date & Time
MESSAGE	4547	Friday, July 12, 2002 6:42 AM
Part.001	24718	
Mime.822	32546	

Options

Expiration Date: None
Priority: Standard
Reply Requested: No
Return Notification: None

Concealed Subject: No
Security: Standard