

PMHarrisCOL PEmails

From: Manny Comar
Sent: Thursday, October 23, 2008 8:27 AM
To: HarrisCOL Resource
Subject: FW: Site Visit-SHNPP

From: Manny Comar
Sent: Wednesday, October 01, 2008 8:41 AM
To: robert.kitchen@pgnmail.com
Subject: FW: Site Visit-SHNPP

FYI

From: Alice Stieve
Sent: Monday, September 15, 2008 12:22 PM
To: Manny Comar
Cc: Dogan Seber; Wayne Bieganousky; Ricardo Rodriguez; Clifford Munson; Gerry Stirewalt
Subject: FW: Site Visit-SHNPP

Manny

I want to add more details about a field site visit for the geology portion of the audit. We would like to visit sites that have accessible field evidence for:

- any and all faults identified within the 5 mile radius of SHNPP, including the Harris fault, the south Borrow Pit faults, the LLRW faults, the 'un-named faults within 5 miles of the site'.
- the recently described Firepond lineament
- the Jonesboro fault (nearby locations)
- any of the brittle faults to the east of the Jonesboro in Piedmont terrane that the FSAR stated as associated with the Jonesboro fault.
- soil layers or Quaternary aged deposits that overlay any of these structures
- The FSAR mentioned possible paleoliquefaction associated with MZ movement on the Jonesboro fault. If that exposure is still accessible and nearby, NRC staff would like to see that.

From: Alice Stieve
Sent: Friday, September 12, 2008 3:14 PM
To: Manny Comar
Cc: Dogan Seber; Wayne Bieganousky; Ricardo Rodriguez; Gerry Stirewalt
Subject: Site Visit-SHNPP

Manny

Per our earlier conversation this week I have prepared this note for your information.

- Please arrange a site visit to SHNPP with the applicant for the end of October. We want the visit to take place Oct 29 and Oct 30. Travel to the site will be Oct 28. Return to Rockville will be Oct 30, after the meeting concludes.
- There will be 5 NRC staff members, including me, who will go for the site visit. USGS will send 1 person.
- The applicant should provide the following subject matter experts for the visit: Geologist, Seismologist, Geotechnical Engineer.
- The applicant should have the staff RAIs for FSAR section 2.5 ahead of time. These RAIs are in review with our branch chiefs at this time. NRC staff will discuss any RAIs the applicant needs clarification on.
- Our Seismologist will want to go over their PSHA and site response calculations.
- NRC staff (Geologist) will want a field visit to observe the surface evidence for the Firepond lineament.
- NRC staff (Geotechnical Eng.) will want to see Core boring BPA-6, run 9 through run 23, if possible, otherwise representative core boxes showing all the variations in material type, RQD and fracture frequency.
- Applicant should be prepared to discuss how the 20 degree bedding planes and high angle joint sets/fractures affect the bearing capacity of the structure.

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 NRO/DSER/RGS2
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