

PMSTPCOL PEmails

From: Tai, Tom
Sent: Monday, July 01, 2013 8:18 AM
To: Price, John E
Cc: STPCOL; 'wemookhoek@stpegs.com'; 'Head, Scott'
Subject: STP - ACRS Slides Comments

John,

Manas has the following comment on the NINA's draft presentation to the July 9 ACRS:

Third bullet on Slide 80 implies that the compression wave velocity profiles were calculated from the shear wave velocity and the Poisson's ratio. However, this is not correct for all the ranges of the profile. In general, Poisson's ratio is the derived number from the iterated values (based on the field measurements adjusted for earthquake strain level) of the compression and shear wave velocities. The compression wave velocity is calculated from the shear wave velocity and the capped Poisson's ratio only when the combination of iterated shear wave velocity and compression wave velocity would result in a calculated Poisson's ratio value approaching the Poisson's ratio limit (0.48-0.495).

Regards

Tom Tai
DNRL/NRO
(301) 415-8484
Tom.Tai@NRC.GOV

Hearing Identifier: SouthTexas34Public_EX
Email Number: 3637

Mail Envelope Properties (0A64B42AAA8FD4418CE1EB5240A6FED1011DC337B6CA)

Subject: STP - ACRS Slides Comments
Sent Date: 7/1/2013 8:17:58 AM
Received Date: 7/1/2013 8:17:59 AM
From: Tai, Tom

Created By: Tom.Tai@nrc.gov

Recipients:

"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"wemookhoek@stpegs.com" <wemookhoek@stpegs.com>
Tracking Status: None
"Head, Scott" <smhead@STPEGS.COM>
Tracking Status: None
"Price, John E" <jeprice@STPEGS.COM>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	895	7/1/2013 8:17:59 AM

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received: