

CCNPP3COLA PEmails

From: Steckel, James
Sent: Thursday, November 04, 2010 2:16 PM
To: Steckel, James; Strout, Steven
Cc: Cook, Christopher; Cruz, Zahira; Wang, Weijun; CCNPP3COL Resource; Wilson, Anthony
Subject: RE: Meeting attendees
Attachments: image001.png; image002.png

The telecon from 11/3/10 concerning clarification of RAI 268, Question 02.02.02-27, was continued at 1:00 p.m. 11/4/10. Before the call UniStar representatives were able to review the information from NRC staff, in the email below, and found that the material clarified the question. No further discussion was necessary and there were no changes needed to the question.

The individuals from the telecon on 11/3 were the same that participated in today's wrap up call.

The RAI was made final and sent to UniStar shortly after the call.

Thank you,

Jim Steckel

From: Steckel, James
Sent: Thursday, November 04, 2010 12:20 PM
To: 'Strout, Steven'
Cc: Cook, Christopher; Cruz, Zahira; Wang, Weijun; CCNPP3COL Resource
Subject: RE: Meeting attendees

A telecon was held on Wednesday, November 3, 2010, at the request of UniStar for clarification of RAI 268 (eRAI 5120), Question 02.05.04-27 – settlement calculation 2. The applicant's technical support contractor wanted to understand how the Cam-Clay model, used in the staff's confirmatory calculation, was calibrated on the available tri-axial stress-strain data. Staff were not able to provide sufficient detail without input from the support contractor that conducted the confirmatory calculation. Staff was able to reach the contractor after-hours and received clarifying information, attached to this email. Staff and applicant representatives will hold an additional telecon Thursday afternoon, November 4, to continue the discussion.

During the call clarification was also requested for an additional question in RAI 268, Question 02.05.04-26. Item No. 4 requests justification of the differential settlement departure in settlement calculations. Applicant representatives were satisfied by the discussion provided on the percentile values used in for lower bound soil parameters. No change to this Question is requested.

NRC staff attending the telecon were:

- Zahira Cruz Perez – RGS technical reviewer
- Christopher Cook – RGS Branch Chief
- James Steckel – Chapter PM

Clarifying information on the settlement confirmatory calculation is provided in the following:

“We basically started with consolidation data provided in the calculations (which are inputs from the cam-clay model) and adjusted those parameters for a single finite element until the computed stress-strain behavior matched the test data. I have attached some figures that show this match.”

FLAC (Version 6.00)

LEGEND

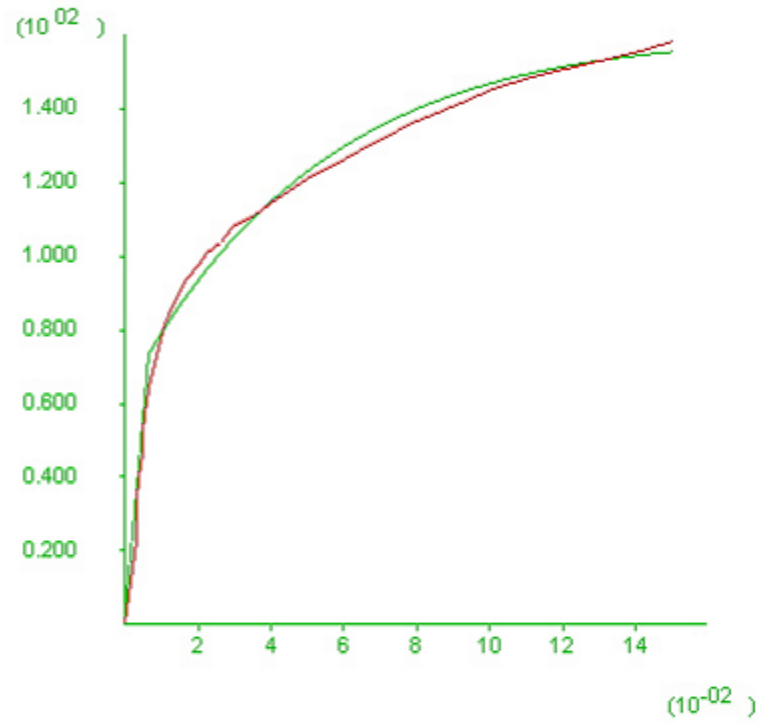
7-Sep-10 18:28
step 600000

HISTORY PLOT

Y-axis :
5 sq (FISH)

X-axis :
Rev 10 Y displacement(1, 2)

B321 data: sig3 = 80.0 psi



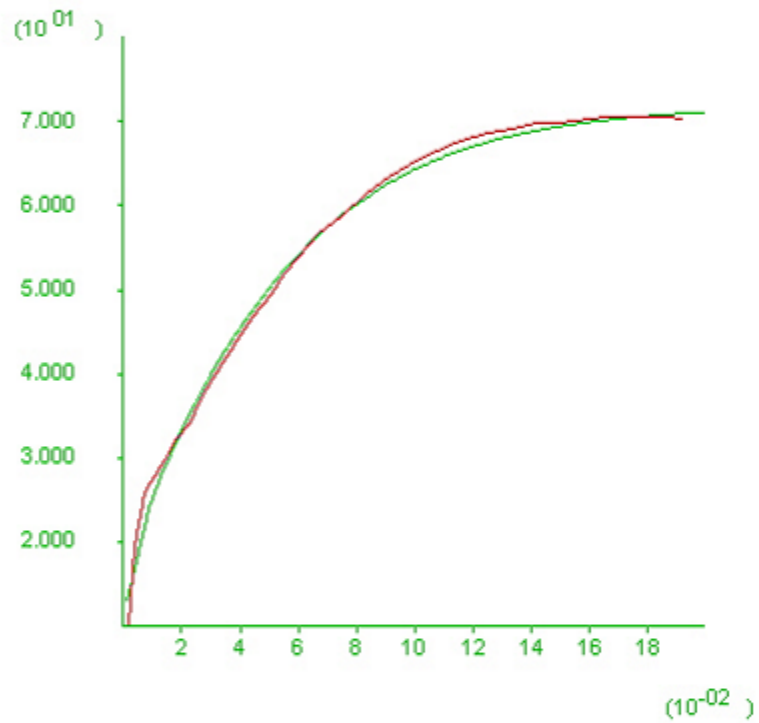
FLAC (Version 6.00)

LEGEND

6-Sep-10 22:19
step 8000

HISTORY PLOT

Y-axis :
5 sq (FISH)
X-axis :
Rev 10 Y displacement(1, 2)
Helw. data: sig3 = 20.0 psf



From: Strout, Steven [<mailto:Steven.Strout@constellation.com>]

Sent: Wednesday, November 03, 2010 1:39 PM

To: Steckel, James

Subject: Meeting attendees

Jim,

We had the following people on the call:

UniStar

Steve Strout

Rizzo

Antonio Fernandez

Onur Tastan

I can best be reached at 817-771-4397 and my UniStar Office phone is 410 470 4159.

Steve

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Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
Email Number: 1743

Mail Envelope Properties (AF843158D8D87443918BD3AA953ABF7819D7427E90)

Subject: RE: Meeting attendees
Sent Date: 11/4/2010 2:16:22 PM
Received Date: 11/4/2010 2:16:23 PM
From: Steckel, James

Created By: James.Steckel@nrc.gov

Recipients:

"Cook, Christopher" <Christopher.Cook@nrc.gov>
Tracking Status: None
"Cruz, Zahira" <Zahira.Cruz@nrc.gov>
Tracking Status: None
"Wang, Weijun" <Weijun.Wang@nrc.gov>
Tracking Status: None
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Wilson, Anthony" <Anthony.Wilson@nrc.gov>
Tracking Status: None
"Steckel, James" <James.Steckel@nrc.gov>
Tracking Status: None
"Strout, Steven" <Steven.Strout@constellation.com>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	3318	11/4/2010 2:16:23 PM
image001.png	60673	
image002.png	60392	

Options

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

