

PMTurkeyCOLPEm Resource

From: Comar, Manny
Sent: Thursday, August 28, 2014 1:43 PM
To: TurkeyCOL Resource
Subject: FW: Turkey Point
Attachments: Chap 3 impacts from PTN_GeoTech_NRC Presentation_MASTER REV 0_Final.pdf

From: Franzone, Steve [<mailto:Steve.Franzone@fpl.com>]
Sent: Wednesday, August 13, 2014 11:53 AM
To: Comar, Manny
Cc: TurkeyCOL Resource; Maher, William; CHILDRESS, ELWOOD; Burski, Raymond
Subject: RE: Turkey Point

Manny

Just to clarify

I believe that all of those RAIs for 3.7 & 8 were answered in 2012 & 2013 and are included in COLA Rev 5, as appropriate. Based on the discussions we had with the NRC Staff during the public meeting, we do not believe any of the analysis or conclusion will change for the SSI.

Referring to slide 110 from the presentation (attached). We did state that RAI 3.8.5-1 response will be revised to be consistent with the revised 2.5.4-1 response (response addressed microgravity and rod drops). In addition, we are considering adding some additional words to clarify information on the grouting plan in both the FSAR and SSI report.

If you feel further clarification is warranted, please let me know.

Thanks

Steve Franzone

NNP Licensing Manager - COLA

"Discipline is the bridge between goals and accomplishment." Jim Rohn

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From: Comar, Manny [<mailto:Manny.Comar@nrc.gov>]
Sent: Monday, August 11, 2014 10:12 AM
To: Franzone, Steve
Cc: TurkeyCOL Resource
Subject: FW: Turkey Point

From: Patel, Pravin
Sent: Thursday, July 31, 2014 8:08 AM
To: Comar, Manny
Cc: Tonacci, Mark; Patel, Pravin
Subject: FW: Turkey Point

Manny,

The sections will be affected are 3.7 and 3.8. We have responses but FSAR need update to incorporate responses that have mark ups. Also, based on meeting with Turkey Point, the FSAR Part 9(W SSI report) will change. I am not sure what other sections (2.5) will have effect on section 3.7 and 3.8. We would like to review as a whole application and then do audit. We can not perform audit without reviewing sections of the FSAR including Part 9. New grouting program may change SSI ?

Pravin

From: Tonacci, Mark
Sent: Wednesday, July 30, 2014 4:20 PM
To: Patel, Pravin
Subject: Turkey Point

Pravin,

I spoke with Manny this afternoon about getting the revised FSAR in time to issue RAI to meet his October due date. He was unaware that sections of the FSAR documentation needs to be updated prior to completing a good list of RAIs. However, I could not adequately describe to him which FSAR sections need to be updated. Can you email Manny the sections that are out of date so he can engage with the applicant for us?

Thank you,

Mark Tonacci, P. E.
Branch Chief, Structural Engineering Branch 1 (Acting)
Division of Engineering
Office of New Reactors
U. S. Nuclear Regulatory Commission

Telephone: 301-415-4045

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Agenda

- Introduction & Overview [NRC/FPL]
- Supplemental Geotechnical Site Investigation [FPL]
- Supplemental Laboratory Testing [FPL]
- Supplemental Analysis [FPL]
- General Discussion Geology / Seismology (FPL/NRC)
- Impact of Updated Properties on Seismicity (Section 2.5.2) [FPL]
-  **Impact of Updated Properties on Seismic Design (Ch. 3) [FPL]**
- Opportunity for Public Comment
- Summary of discussions, path forward and wrap-up [FPL/NRC]
- Adjourn

Impact of Updated Properties on Chapter 3.7 and 3.8

Seismic Input for Chapter 3.7 Analyses

- The supplemental field investigation resulted in minor changes on shear wave velocity profile, G/G_{\max} and damping curves input for Site Response Analysis
- Sensitivity study on Site Response Analysis indicate that input for seismic soil structure interaction (SSI) analysis remains unchanged

Impact of Updated Properties on Chapter 3.7 and 3.8

Chapter 3.7 and 3.8 RAI Responses

- RAI responses for Chapter 3.7 are still valid
- Minor changes to point to the relevant revised Chapter 2.5.4 RAI responses
- RAI 03.08.05-01 response will be revised to be consistent with the revised RAI 02.05.04-01 response
- Cross-Reference List

Chapter 3 RAI	Corresponding Chapter 2.5.4 RAI
3.7.1-3	2.5.4-12
3.7.1-5	2.5.4-17
3.7.1-10	2.5.4-15, 2.5.4-16
3.7.1-14	2.5.4-12
3.7.1-19	2.5.4-15, 2.5.4-16
3.7.1-20	2.5.4-15