

PMFermiCOLPEm Resource

From: Govan, Tekia
Sent: Friday, August 09, 2013 10:43 AM
To: Jenkins, Ronaldo
Cc: FermiCOL Resource; Muniz, Adrian; Tabatabai, Sarah; Karas, Rebecca; Xi, Zuhan; Candelario, Luisette; Jackson, Diane; Chakravorty, Manas; Xu, Jim; 'Ryan C Pratt' (prattrc@dteenergy.com); 'Michael K Brandon' (brandonm@dteenergy.com)
Subject: Fermi 3 - Open Items Public Meeting Summary - Memo To File

Docket No.: 52-033

MEMORANDUM TO: Ronaldo V. Jenkins, Branch Chief
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

FROM: Tekia V. Govan, Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF WEEKLY CONFERENCE CALL MEETING TO DISCUSS OPEN ITEMS AND OUTSTANDING REQUESTS FOR ADDITIONAL INFORMATION RESPONSES RELATING TO DTE ELECTRIC COMPANY'S FERMI 3 COMBINED LICENSE APPLICATION

On Thursday, August 8, 2013, the U.S. Nuclear Regulatory Commission's (NRC) staff held a public conference call from 1:00 pm to 2:00 pm with members of DTE Electric Company. The purpose of the conference call was to discuss the status of the remaining open items (OI) related to the Fermi 3 Combined License Application. A list of the agenda items, actions items discussed during the call and a list of attendees are below.

Agenda Items

1. The NRC staff has questions regarding the RAI response provided in NRC3-13-0015 related to shear wave velocities profiles for backfill and weighing factors

Specifically, the staff would like to discuss parameters used to develop the profiles for backfill and discuss the preliminary results of the staff's confirmatory analysis related to backfill.

During the call, the NRC staff had a series of questions for the applicant related to their review of the backfill properties. The questions have been documented below with the expectation that DTE will supplement their RAI response with this additional information. This list of questions may not be the complete list as the staff will be reviewing an incoming RAI response (RAI 7170) next week that may generate additional questions. DTE will inform the NRC PM, within a week, of the expected response time for the below questions.

- Please explain why it was necessary to additionally randomized each of the LR, IR, and UR shear-wave velocity profiles? FSAR Figure 3.7.1-2 shows that the $\sigma(\ln(V_s))$ is 0.2 for the IR shear-wave velocity profile.
 - Provide justification for the 0.2 sigma value
 - Provide the individual randomized profiles.
 - Did you assign maximum and minimum shear-wave velocities to the randomization? Provide the values.

- Please explain why it was necessary to pair the Menq shear modulus and damping curves with the LR velocity profile, which has a weight of 0.15, and the EPRI curves with the UR profile, which has a higher weight? Why not both?
- We requested justification in RAI 7170 for the weighting factors used for the LR, IR, and UR shear wave velocity profiles.
 - Please explain why an envelope of the amplification results would not be more appropriate given that the different shear-wave velocity profiles are developed from a very wide range of parameters?
- Please describe your justification for using a friction angle of 50 degrees and a surge charge of 500psf to develop the velocity profile.

2. Propose dates for SSI audit in 2013

The NRC staff has proposed the week of November 18th or the week of December 2nd, to have the second SSI audit. DTE will inform the NRC, by the next schedule OI call, which of these dates they prefer to have the audit.

3. Next meeting scheduled for August 22, 2013

Meeting Action Items: Establish a date for second SSI Audit

The list of participants for the meeting:

Tekia Govan	NRC/NRO/DNRL – Project Manager
Sarah Tabatabai	NRC/NRO/DSEA – Technical Reviewer
Zuhan Xi	NRC/NRO/DSEA – Technical Reviewer
Rebecca Karas	NRC/NRO/DSEA – Branch Chief
Luisette Candelario	NRC/NRO/DSEA – Technical Reviewer
Manuel Miranda	NRC Contractor - BNL
Adrian Muniz	NRC/NRO/DNRL – Project Manager
Michael Keegan	Member of the Public – Don't Waste Michigan
Norm Peterson	DTE
Mike Brandon	DTE
Skip Schumitsch	GEH
Patricia Campbell	GEH
John Price	DTE
Bob Young	AMEC
Brandon Gomer	B&V
Lynn Van der Poel	Bechtel
Barry Bryant	Dominion
Steve Sovick	Dominion
Ben Evans	Dominion
Ross Millikan	Dominion
Ming Yang	S&L
Bob Hooks	S&L
Surendra Singh	S&L
Javad Moslemian	S&L

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