

PMFermiCOLPEm Resource

From: Biwer, Bruce M. [bmbiwer@anl.gov]
Sent: Thursday, February 05, 2009 4:31 PM
To: Stephen Lemont
Cc: LaGory, Kirk E.; John Cook
Subject: RE: IMPORTANT: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit

Hi Steve,

I just got off the conference call with the applicant. On the line were myself and
Tony Bockelman - Black & Veatch
John Wynne - Black & Veatch
Mike Wiley - Advent
Doug Wood - Advent
Jim Warner - DTE

A summary of each transportation information need is given below. Many of these seem to be more under the heading of RAIs since some of it was not in the ER and/or not done yet. I told them that you would contact the appropriate person to coordinate the transfer of information.

There is still the issue of the Fermi 3 ER transportation analysis relying on (being bounded by) the analysis done for Grand Gulf in NUREG-1817. John Cook and I previously discussed this issue. It appears that the NUREG-1817 analysis for Grand Gulf does properly bound that for Fermi 3. However, ESRP 5.7.2 under III (6) indicates that a confirmatory analysis should be performed and documented in the (Fermi) EIS. The question is, the referenced analysis is published in a NUREG EIS already, obviously we have to make sure that it is applicable to Fermi 3, but do we need to do a complete reanalysis using RADTRAN and put that in the EIS? or state that it falls within the previous analysis and let it go at that? or perform a reanalysis and just state that the previous results were confirmed as far as Table S-4 etc. goes?

Bruce

TR-1

The applicant does not currently have estimates for the major types and quantities of construction materials required to construct the proposed reactor. They also do not have an estimate for the average distance travelled to work for future construction and operations personnel. John Wynne mentioned the Level of Service analysis that is to be performed as discussed yesterday with respect to socioeconomics. He said the analysis would provide a basis for worker travel as well as the number of deliveries estimated during construction. I mentioned that I cannot complete my analysis without some input from them.

TR-2

This issue was resolved. Missing information can be found in NUREG-1817 which provided the basis for much of their transportation analysis.

TR-3

Tony Bockelman will provide the calculation of the heat load, document that irradiated fuel and waste shipments will comply with Table S-4 truck weight limits, and provide the supporting data and the calculation of the normalized number of unirradiated fuel shipments. He will also revise the normalization ratio to reflect a 1605 MWe reactor instead of 1535 MWe since the 1535 value is what leaves the plant rather than what the reactor generates. Tony also will provide information that documents features of the ESBWR that are expected to reduce crud buildup compared to currently operation BWRs.

TR-4

Tony Bockelman will provide the non-radiological transportation estimates for the unirradiated fuel, irradiated fuel, and waste shipments for comparison with Table S-4.

From: Stephen Lemont [mailto:Stephen.Lemont@nrc.gov]
Sent: Wednesday, February 04, 2009 8:55 PM
To: Stan Echols; 'dmccormack@moellerinc.com'; Kevin Witt; John Cook; Biwer, Bruce M.; 'Bockelmana@bv.com'
Cc: Laura Quinn; LaGory, Kirk E.; Hayse, John; 'Randall D Westmoreland'
Subject: IMPORTANT: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit
Importance: High

Gentlemen,

The subject conference calls have been set up for tomorrow, Thursday February 5. The Fermi 3 Site Audit Information Needs are attached for your reference. The dial in number for both calls is:

877-603-8688
Conf. ID # 3197192

The times and participants for each call are as follows:

Fuel Cycle (1:00-2:30 PM Eastern Time)

Stan Echols - NRC
Dave McCormack - Dade Moeller & Associates
Tony Bockelman - Black & Veatch
Jim Warner - DTE Energy
Philip Clintworth - Advent

Transportation (2:30-4:00 PM Eastern Time)

Kevin Witt - NRC
John Cook - NRC
Bruce Biwer - Argonne National Laboratory
Tony Bockelman - Black & Veatch
Jim Warner - DTE Energy
Philip Clintworth - Advent

TO STAN ECHOLS, KEVIN WITT, AND JOHN COOK: Right after each of your conference calls, please contact me to debrief me on the outcomes, outstanding issues, documents needed, issues with potential schedule impacts, etc. Please contact me on my cell phone at 301-938-6911. Alternatively, Dave McCormack and Bruce Biwer can contact me in your place.

Please contact me on my cell phone (301-938-6911) ASAP if there are any problems with the above schedule.

Thanks,
Steve Lemont

From: Stephen Lemont
Sent: Saturday, January 31, 2009 8:58 AM

To: Stan Echols; dmccormack@moellerinc.com; Kevin Witt; John Cook; 'bbiwer@anl.gov'
Cc: Laura Quinn; Kirk LaGory; John Hayse
Subject: RE: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit

Gentlemen,

Right after your conference calls next week (which DTE, Laura and I still need to arrange for you), please contact me or Laura Flynn to debrief us on the outcomes, outstanding issues, documents needed, etc.

Thanks,
Steve

Stephen Lemont, Ph.D.

Environmental Project Manager
United States Nuclear Regulatory Commission
Office of New Reactors
Mail Stop: T-6D32
Washington, DC 20555-0001
Telephone: 301-415-5163
Fax: 301-415-6350
Email: Stephen.Lemont@nrc.gov

From: Stephen Lemont
Sent: Friday, January 30, 2009 1:47 PM
To: 'Randall D Westmoreland'
Cc: Laura Quinn; Kirk LaGory; John Hayse; Stan Echols; 'Dave McCormack'; Kevin Witt; John Cook; 'bbiwer@anl.gov'; 'ThomasSD@bv.com'
Subject: RE: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit

Randy,

That would be fine. Even though B&V has the same person for both review areas, we would still need two separate conference calls.

If you give me Tony Bockelman's phone number and email address, I can have our guys contact him directly to set up the calls for next Thursday or Friday, if that's OK with you. You may want to have someone from DTE on those calls as well, and if you do I will need that person's name and contact information as well. This way, we won't need to put these calls on the site audit schedule.

Thanks,
Steve

Stephen Lemont, Ph.D.

Environmental Project Manager
United States Nuclear Regulatory Commission
Office of New Reactors
Mail Stop: T-6D32
Washington, DC 20555-0001
Telephone: 301-415-5163
Fax: 301-415-6350
Email: Stephen.Lemont@nrc.gov

From: Randall D Westmoreland [mailto:westmorelandr@dteenergy.com]
Sent: Friday, January 30, 2009 1:31 PM
To: Stephen Lemont; Laura Quinn
Subject: Fw: RE: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit

Steve,

See message below. Our expert will be back in Kansas City but he will be available for a conference call.

Randy Westmoreland
Nuclear Development-Licensing
Technical Expert
Office: 313-235-3368
Pager: 734-457-7895

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OUR JOB.

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-----Forwarded by Randall D Westmoreland/Employees/dteenergy on 01/30/2009 01:29PM -----

To: Randall D Westmoreland <westmorelandr@dteenergy.com>
From: "Thomas, Steven D." <ThomasSD@bv.com>
Date: 01/30/2009 07:05AM
Subject: RE: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit

Randy,

FYI - The primary B&V person for both the fuel cycle and transportation is Tony Bockelman. Based on the audit schedule (latest) and family issues, Tony is flying back to Kansas City on Wednesday evening. He would be available to tie into a conference call from here.

Steve

From: Randall D Westmoreland [mailto:westmorelandr@dteenergy.com]
Sent: Thursday, January 29, 2009 5:31 PM
To: Stephen Lemont
Cc: laura.quinn@nrc.gov; Thomas, Steven D.; Timpe, Douglas C. (Doug); McNeil, Laura
Subject: Re: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit

Steve,

I will look into this. I would think that this would be a good thing to do later in the week like thursday or friday when things are winding down (hopefully). I will check and see who we need on this and get back to you.

Kind Regards,

Randy Westmoreland
Nuclear Development-Licensing
Technical Expert
Office: 313-235-3368
Pager: 734-457-7895

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-----Stephen Lemont <Stephen.Lemont@nrc.gov> wrote: -----

To: Randall D Westmoreland <westmorelandr@dteenergy.com>, Laura Quinn <Laura.Quinn@nrc.gov>
From: Stephen Lemont <Stephen.Lemont@nrc.gov>
Date: 01/29/2009 06:13PM
cc: Kirk LaGory <lagory@anl.gov>, John Hayse <hayse@anl.gov>, Stan Echols <Stan.Echols@nrc.gov>, Dave McCormack <dmccormack@moellerinc.com>, John Cook <John.Cook@nrc.gov>, Kevin Witt <Kevin.Witt@nrc.gov>, "bbiwer@anl.gov" <bbiwer@anl.gov>
Subject: Conference Calls on Fuel Cycle and Transportation During the Fermi 3 Site Audit

Randy and Laura,

As you know, the NRC and NRC contractor staff reviewers for Fuel Cycle and Transportation will not be attending the site audit. However, they still need to discuss their information needs with their counterparts from DTE and its consultants. I would like to do that in one or more conference calls next week.

I haven't heard back yet from the Transportation reviewers (John Cook and Kevin Witt of NRC, and Bruce Biwer of Argonne). However, the Fuel Cycle reviewers (Stan Echols of NRC and Dave McCormack of Dade Moeller) have conferred, and Stan told me today that they would like to have their conference call next week (any time after 11:00 AM Eastern time), probably no more than one hour in length, with their DTE and DTE consultant counterparts. When can that be scheduled in?

I am awaiting the Transportation reviewers' response on this matter. We preferably need to hear from them by no later than tomorrow morning.

Thanks,

Steve Lemont

Stephen Lemont, Ph.D.

Environmental Project Manager

United States Nuclear Regulatory Commission

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Hearing Identifier: Fermi_COL_Public
Email Number: 53

Mail Envelope Properties (8417E4E695A4A74CA4EF4897B294633402C16B81)

Subject: RE: IMPORTANT: Conference Calls on Fuel Cycle and Transportation During
the Fermi 3 Site Audit
Sent Date: 2/5/2009 4:31:22 PM
Received Date: 2/5/2009 4:31:27 PM
From: Biwer, Bruce M.

Created By: bmbiwer@anl.gov

Recipients:
"LaGory, Kirk E." <lagory@anl.gov>
Tracking Status: None
"John Cook" <John.Cook@nrc.gov>
Tracking Status: None
"Stephen Lemont" <Stephen.Lemont@nrc.gov>
Tracking Status: None

Post Office: SCOOPY.anl.gov

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Options
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