

PMFermiCOLPEm Resource

From: Misenhimer, David
Sent: Thursday, August 21, 2014 8:50 AM
To: FermiCOL Resource
Subject: FW: Fermi OI Teleconference Agenda

From: Michael K Brandon [<mailto:brandonm@dteenergy.com>]
Sent: Thursday, August 21, 2014 7:57 AM
To: Misenhimer, David
Cc: Norman K Peterson
Subject: Re: Fermi OI Teleconference Agenda

Dave

We plan to propose the following tweak to the suggested words in today's call. We have no issue with any of the other words. We believe these words continue to fully address the clarification the tech staff would like to see.

"During movement of irradiated fuel, doors or personnel air locks on the east sides of the Reactor Building or Fuel Building could act as a point source that could result in control room χ/Q values that are higher than the ESBWR χ/Q values for a release in the Reactor Building or Fuel Building (See Subsection 2A.2.5). Therefore, the doors and personnel air locks on the east sides of the Reactor Building and Fuel Building are administratively controlled to remain closed during movement of irradiated fuel. Administrative control of these doors and air locks ensures that the control room habitability dose analysis for the fuel handling accident (FHA) incorporated by reference from ESBWR DCD Section 15.4.1 is bounding for Fermi Unit 3 and control room doses do not exceed the requirements of GDC 19 in the event of a FHA."

Mike
Sent from my iPad

On Aug 19, 2014, at 1:01 PM, "Misenhimer, David" <David.Misenhimer@nrc.gov> wrote:

Fermi OI call (Public Teleconference)

Thursday, August 21, 2014

This meeting is scheduled for the NRC to discuss with DTE Electric Company the open items that remain in the review of their Fermi 3 COL application.

NRC staff are asked to convene in the designated NRC room.

Applicant and the Public are requested to use the following call-in:

Teleconference number: **888-560-4208**
Participant passcode: **55628**

Agenda Items*:

1. Chapter 15 - NRC staff to discuss with applicant DTE Electric Company Letter Regarding Administrative Controls for Doors during Refueling, dated August 15, 2014 (ML14230A763)

Current wording in Insert 1:

During refueling, doors or personnel air locks on the east sides of the Reactor Building or Fuel Building could act as a point source that could result in control room χ/Q values that are higher than the ESBWR χ/Q values for a release in the Reactor Building. Therefore, the doors or personnel air locks are administratively controlled to remain closed (See Subsection 2A.2.5).

Proposed wording in Insert 1:

During ~~refueling~~ **movement of irradiated fuel**, doors or personnel air locks on the east sides of the Reactor Building or Fuel Building could act as a point source that could result in control room χ/Q values that are higher than the ESBWR χ/Q values for a release in the Reactor Building **or Fuel Building**. (See Subsection 2A.2.5). Therefore, **in order to prevent a plant condition which could result in control room doses exceeding the requirements of GDC 19 in the event of a fuel handling accident (FHA), the doors ~~or~~ and personnel air locks on the east sides of the Reactor Building and Fuel Building are administratively controlled to remain closed during movement of irradiated fuel. Administrative control of these doors and air locks also ensures that the control room habitability dose analysis for the FHA incorporated by reference from ESBWR DCD Section 15.4.1 is bounding for Fermi Unit 3.**

2. Chapter 2 - NRC staff to discuss with applicant Administrative Controls for Doors during Movement of Irradiated Fuel to be consistent with Chapter 15 revisions

Current wording in Chapter 2:

During refueling, doors or personnel air locks on the east sides of the Reactor Building or Fuel Building could act as a point source that could result in control room χ/Q values that are higher than the ESBWR χ/Q values for a release in the Reactor Building. Therefore, the doors or personnel air locks are administratively controlled to remain closed

Proposed wording in Chapter 2:

During ~~refueling~~ **movement of irradiated fuel**, doors or personnel air locks on the east sides of the Reactor Building or Fuel Building could act as a point source that could result in control room χ/Q values that are higher than the ESBWR χ/Q values for a release in the Reactor Building **or Fuel Building**. Therefore, the doors or personnel air locks on the east sides of the Reactor Building and Fuel Building are administratively controlled **to remain closed during movement of irradiated fuel**.

*These agenda items will be updated, as needed, prior to the teleconference.

David Misenhimer, P.E.

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