

PMFermiCOLPEm Resource

From: Norman K Peterson [petersonn@dteenergy.com]
Sent: Friday, August 15, 2014 10:27 AM
To: Misenhimer, David; Govan, Tekia; Umana, Jessica; Muniz, Adrian; Wilkins, Lynnea
Cc: Michael K Brandon; Nicholas A Latzy
Subject: DTE Letter on Admin Controls for Doors (NRC3-14-0012)
Attachments: NRC3-14-0012.pdf

Please see attached.

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Hearing Identifier: Fermi_COL_Public
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Mail Envelope Properties (OF7EF61C56.B9123FFD-ON85257D35.004F6B7A-85257D35.004F6BC8)

Subject: DTE Letter on Admin Controls for Doors (NRC3-14-0012)
Sent Date: 8/15/2014 10:27:29 AM
Received Date: 8/15/2014 10:27:35 AM
From: Norman K Peterson

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Files	Size	Date & Time
MESSAGE	216	8/15/2014 10:27:35 AM
NRC3-14-0012.pdf	1362554	

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DTE Energy
One Energy Plaza, Detroit, MI 48226-1279



10 CFR 52.79

August 15, 2014
NRC3-14-0012

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

References: 1) Fermi 3
Docket No. 52-033

Subject: DTE Electric Company Letter Regarding Administrative Controls for Doors
during Refueling

During a public teleconference on August 4, 2014, the NRC staff provided feedback to DTE Electric on the administrative controls for doors in the Reactor Building and Fuel Building during refueling, as described in Subsection 2A.2.5 of the Fermi 3 FSAR. Specifically, the processes for implementing and maintaining these administrative controls were discussed. Based on the discussions, DTE Electric agreed to provide supplemental information in Subsection 15.4.1, "Fuel Handling Accident," of the Fermi 3 FSAR that discusses the administrative controls. The FSAR supplemental information is identical to that contained in Fermi 3 FSAR Subsection 2A.2.5 and also contains a cross-reference reference to Subsection 2A.2.5.

The markup of the Fermi 3 COLA is contained in the attachment to this letter. The proposed changes will be included in the next revision of the Fermi 3 COLA.

USNRC
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If you have any questions, or need additional information, please contact me at (313) 235-3341.

I state under penalty of perjury that the foregoing is true and correct. Executed on the 15th day of August 2014.

Sincerely,



Peter W. Smith, Director
Nuclear Development – Licensing and Engineering
DTE Electric Company

Attachment: Markup of the Fermi 3 COLA

cc: Adrian Muniz, NRC Fermi 3 Project Manager
Tekia Govan, NRC Fermi 3 Project Manager
David Misenhimer, NRC Fermi 3 Project Manager
Lynnea Wilkins, NRC Fermi 3 Project Manager
Jessica Umana, NRC Fermi 3 Project Manager
Sujata Goetz, NRC Fermi 3 Environmental Project Manager (w/o attachment)
Mallecia Sutton, NRC Fermi 3 Environmental Project Manager (w/o attachment)
Fermi 2 Resident Inspector (w/o attachment)
NRC Region III Regional Administrator (w/o attachment)
NRC Region II Regional Administrator (w/o attachment)
Supervisor, Electric Operators, Michigan Public Service Commission (w/o attachment)
Michigan Department of Natural Resources and Environment
Radiological Protection Section (w/o attachment)
Regina A. Borsh, Dominion Energy, Inc.
Barry C. Bryant, Dominion Energy, Inc.
Patricia L. Campbell, General Electric

**Attachment to
NRC3-14-0012**
(following 2 pages)

Markup of the Fermi 3 COLA

The following markup represents how DTE Electric intends to reflect this response in the next submittal of the Fermi 3 COLA. However, the same COLA content may be impacted by responses to other COLA RAIs, other COLA changes, plant design changes, editorial or typographical corrections, etc. As a result, the final COLA content that appears in a future submittal may be different than presented here.

Chapter 15 Safety Analyses

This chapter of the referenced DCD is incorporated by reference with the following departures and/or supplements.

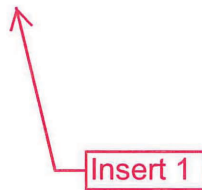
15.3 Analysis of Infrequent Events

15.3.10.5 Radiological Consequences

Add the following sentence at the end of this section.

STD SUP 15.3-1

In addition, procedures discuss the use of nuclear instrumentation to aid in detecting a possible mislocated fuel bundle after fueling operations.



Insert 1:

15.4.1 Fuel Handling Accident

15.4.1.2.3 Identification of Operator Actions

Add the following paragraph at the end of this section.

EF3 SUP 15.4-1

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).
