

PMFermiCOLPEm Resource

From: Lemont, Stephen
Sent: Thursday, August 13, 2009 10:35 AM
To: Craig D Tylenda
Cc: Randall Westmoreland; Hayse, John; LaGory, Kirk E.; FermiCOL Resource
Subject: Notes from 8-12-09 Conference Call Regarding Fermi 3 RAI AE5.2.2-1

Craig,

This email summarizes our discussions during our conference call on August 12, 2009, to discuss your questions on Aquatic Ecology (AE) RAI AE5.2.2-1 for the Fermi 3 environmental review. Also, an action item for Detroit Edison is identified below. If you have any comments on, or suggested changes to these notes, please let me know.

CONFERENCE CALL PARTICIPANTS

NRC - Stephen Lemont
Detroit Edison - Craig Tylenda
Argonne National Laboratory - John Hayse

ISSUES DISCUSSED

1. RAI AE5.2.2-1 pertains to the description of the system that is used for Fermi 2 and the system that will be used for Fermi 3, to handle organisms impinged on the mesh screens for the respective plant water intakes. Specifically, this RAI states:

Question Summary (RAI)

"Provide an updated description of the design and operation for the fish screening system at the Fermi 2 intake and for the proposed Fermi 3 intake."

Full Text (Supporting Information)

"The description of the fish screening system in ER Section 5.3.1.2.2 describes a return sluiceway in use at the Fermi 2 intake to return impinged organisms to the lake. However, based on observations made during the site audit, this system uses a mulching process that does not return impinged fish to Lake Erie. An accurate description of the design and operation of the screening system for Fermi 2 is needed and the expected design for the Fermi 3 intake needs to be clarified."

2. Craig Tylenda pointed out that ER Section 5.3.1.2.2 referenced in this RAI is actually describing the system that would be used at Fermi 3, not the existing system for Fermi 2. The misunderstanding is related to the use of present tense instead of future tense. Fermi 2 uses a mulching system. Fermi 3 will use a backwash system that returns fish to the lake. The Fermi 2 and Fermi 3 screening systems will remain separate.
3. John Hayse responded that, in that case, all that would be needed for the EIS is a response to the RAI that clarifies the descriptions of the existing Fermi 2 and proposed Fermi 3 fish screening systems (see action item below).
4. Craig Tylenda stated that he will need to check with his management about providing the description of the Fermi 2 system because ER Section 3.4.2.1 pertaining to the Fermi 2 system is not referenced in this RAI. Also, if the ER were to be modified in the future, Section 3.4.2.1 would not be modified. (Steve Lemont pointed out that Peter Smith of Detroit Edison has indicated that he has no intention of providing ER revisions, but will instead only submit RAI responses.)
5. As for Detroit Edison providing requested information on the Fermi 2 screening system, Steve Lemont pointed out that although RAI AE5.2.2-1 does not specifically reference ER Section 3.4.2.1, this RAI

nevertheless does make reference to, and requests information for the Fermi 2 screening system. Therefore, Detroit Edison should be able to provide the requested information for Fermi 2 without the need for NRC to issue another RAI.

ACTION ITEM FOR DETROIT EDISON

Provide a written response to RAI AE5.2.2-1 that makes it clear that the Section of the ER referenced in the RAI (Section 5.3.1.2.2) describes the proposed Fermi 3 screening system instead of the Fermi 2 system, that the Fermi 3 screens will be fitted with a backwash system that will return impinged organisms to the lake, and that this system will be separate from the mulching system that is currently in use for the Fermi 2 screens.

Please contact me if you have any questions or need additional information.

Thanks,
Steve

Stephen Lemont, Ph.D.

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