

PMFermiCOLPEm Resource

From: Luff, Colette M LRE [Colette.M.Luff@usace.army.mil]
Sent: Monday, January 26, 2009 11:38 AM
To: Stephen Lemont
Cc: Gauthier, Wally A LRE
Subject: RE: Fermi 3 Draft Information Needs for Site Audit for Corps Review and Input

Steve,

Per your request, below find Detroit-District's input to the Information Needs for the Fermi 3 Environmental Site Audit:

AQUATIC ECOLOGY (AE)

Provide knowledgeable expert to discuss:

- * Aquatic sites present at the proposed project site & natural feature context of the aquatic sites and the status of development of the natural feature (for example, coastal marsh)
- * Special aquatic sites (sanctuaries & refuges, wetlands, mudflats, vegetated shallows, riffle & pool complexes) present at the proposed project site, and functions and values
- * For the proposed site, the potential short-term and long-term effect that the proposed dredge/fill discharges (including temporary actions) associated with construction, operation & maintenance of the project, including transmission lines will have, both individually and cumulatively, on:

- Physical and chemical characteristics of the aquatic ecosystem (subpart C of 404(b)(1) Guidelines): substrate; suspended particulates/turbidity; current patterns & water circulation; water fluctuations; threatened & endangered species

- Biological characteristics of the aquatic ecosystem (Subpart D of 404(b)(1) Guidelines): threatened & endangered species, fish; crustaceans, mollusks and other aquatic organisms in the food web; other wildlife

- Special aquatic sites (Subpart E of 404(b)(1) Guidelines): sanctuaries & refuges, wetlands, mud flats, vegetated shallows, riffle and pool complexes.

- Human use characteristics including recreational and commercial fisheries; municipal and private water supplies; water-related recreation; parks, national & historical monuments, research sites, and similar preserves

- * Contaminant determination of proposed dredge/fill discharge material

- * Actions to minimize adverse affects of the proposed dredge/fill discharges related to construction and operation/maintenance, including those related to transmission lines (Subpart H of 404(b)(1) Guidelines) actions concerning the location of the discharge and the material to be discharged; actions controlling the material after discharge; actions related to technology; actions affecting plant and animal populations; actions affecting human use; other actions

ALTERNATIVES (AL)

* Provide knowledgeable expert to discuss how practicable alternatives, as defined in Subpart B-Compliance with the Guidelines (40 CFR part 230.10), to the (proposed plan, including transmission lines) discharge of dredged/fill material into waters of the US were considered and analyzed relative to:

-Avoiding special aquatic sites

-Whether or not the alternatives would have less adverse impact (than proposed plan) on the aquatic ecosystem

-Whether or not the alternatives would have other significant adverse environmental consequences

* Provide knowledgeable expert to discuss consideration of floodplain impacts during the alternative analysis

HYDROLOGY AND GEOLOGY

* Provide knowledgeable expert to discuss the hydraulic relationship between Lake Erie and the wetlands on the Fermi site

SOCIOECONOMICS/ENVIRONMENTAL JUSTICE

* Provide knowledgeable expert to discuss project impacts on riparian neighbors' rights to access navigable waters of the US

* Provide knowledgeable expert to discuss potential of project to support (directly and indirectly) floodplain development

TRANSPORTATION

* Provide knowledgeable expert to discuss project Impacts related to transporting construction or other materials via waters of the US, including Federal and public navigation

Colette Luff
Project Manager

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-----Original Message-----

From: Stephen Lemont [<mailto:Stephen.Lemont@nrc.gov>]
Sent: Friday, January 23, 2009 5:47 PM
To: Luff, Colette M LRE
Cc: Laura Quinn; Kirk LaGory; John Hayes
Subject: RE: Fermi 3 Draft Information Needs for Site Audit for Corps Review and Input

Importance: High

Colette,

How are things looking for your getting us the Corps' comments on the attached draft Information Needs, plus any additional information needs the Corps may have? For your information, I have attached an updated version of the Information Needs, but please feel free to continue to work with the original draft if you are already far along in your review process.

Thanks,

Steve

Stephen Lemont, Ph.D.

Environmental Project Manager

United States Nuclear Regulatory Commission

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Email: Stephen.Lemont@nrc.gov

From: Stephen Lemont

Sent: Friday, January 16, 2009 9:34 AM

To: 'Luff, Colette M LRE'

Cc: Laura Quinn; Kirk LaGory; John Hayse

Subject: Fermi 3 Draft Information Needs for Site Audit for Corps Review and Input

Importance: High

Colette,

I have attached the electronic copy of the Draft Fermi 3 Site Audit Information Needs that I provided to you in hardcopy on Monday. These have already been provided to Detroit Edison for their preparation for, and discussions at the site audit. These information needs also form the basis for the site audit schedule/agenda that we are currently developing in coordination with Detroit Edison and Argonne National Laboratory.

As we discussed on Monday, please review these Information Needs for the Corps' areas of interest and provide me with any information needs that the Corps would like to add to the list. Please provide me with your additional information needs by early next week if at all possible; and also let me know if you have nothing to add and/or if you have comments on, or suggested changes to the current information needs. Please also feel free to review the entire list and provide comments in other areas if you so desire.

If you are adding to the list, please be sure to word your additions in the same manner as those currently on the list. This is very important to NRC's Office of General counsel from a legal standpoint. Please also note that the items you add will be included in the Final Information Needs that will be sent to Detroit Edison prior to the site audit and docketed by NRC for the public record.

Please contact me if you have any questions or need additional information. I look forward to receiving the Corps' additional information needs and comments.

Thanks,

Stephen Lemont, Ph.D.

Environmental Project Manager

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