

## PMFermiCOLNPEm Resource

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**From:** Olson, Bruce  
**Sent:** Thursday, July 07, 2011 1:38 PM  
**To:** FermiCOL Resource  
**Subject:** FW: Submerged Site Sensitivity Study APE  
**Attachments:** Figure 1 Submerged Sensitivity Report CR4.1.3-8 10 12 10.pdf; Figure 2.1-4 Fermi Environmental Report Rev 2.pdf; Figure 3.3-2 USACE\_Supplemental\_RAI\_Response 01 11 11.pdf

Thanks.....

Bruce Olson  
Environmental Project Manager  
Nuclear Regulatory Commission  
NRO/DSER/RAP2  
301-415-3731

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**From:** Randall D Westmoreland [<mailto:westmorelandr@dteenergy.com>]  
**Sent:** Tuesday, May 03, 2011 4:27 PM  
**To:** Olson, Bruce  
**Cc:** Peter W Smith; Michael K Brandon  
**Subject:** Submerged Site Sensitivity Study APE

Bruce,

This email is to address your question regarding the shape of the area of potential effects (APE) in the Submerged Sites Sensitivity Study conducted by Commonwealth Cultural Resource Group, Inc. (CCRG) for Detroit Edison, on October 12, 2010 (See Figure 1 attached). CCRG personnel confirmed that the APE boundary mimics the Fermi property line, as we suspected (see Figure 2.1-4 attached). CCRG also understood that the only impact areas within the APE would be associated with the with the installation of the following proposed Fermi 3 structures:

- Water Intake pump house,
- barge slip,
- 1340' water discharge pipe.

The above-described structures are all proposed to be located between the existing Fermi 2 intake groins as shown on the attached Figure 3.3-2. Please note that the area between the existing groins, from the shoreline, then west approximately 1100' has been routinely dredged by the Fermi 2 site to maintain adequate water flow at the Fermi 2 water intake, which is also located between the Fermi 2 groins.

CCRG was clear that no activities are planned along the shoreline to the north and south of the existing Fermi 2 intake groins and that their conclusions do not change.

I hope this answers your question. If you need anything further, please don't hesitate to contact me.

Randall Westmoreland  
Detroit Edison, Nuclear Development - Licensing  
Technical Expert - Nuclear  
313-235-3368



**Hearing Identifier:** Fermi\_COL\_NonPublic  
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**From:** Olson, Bruce

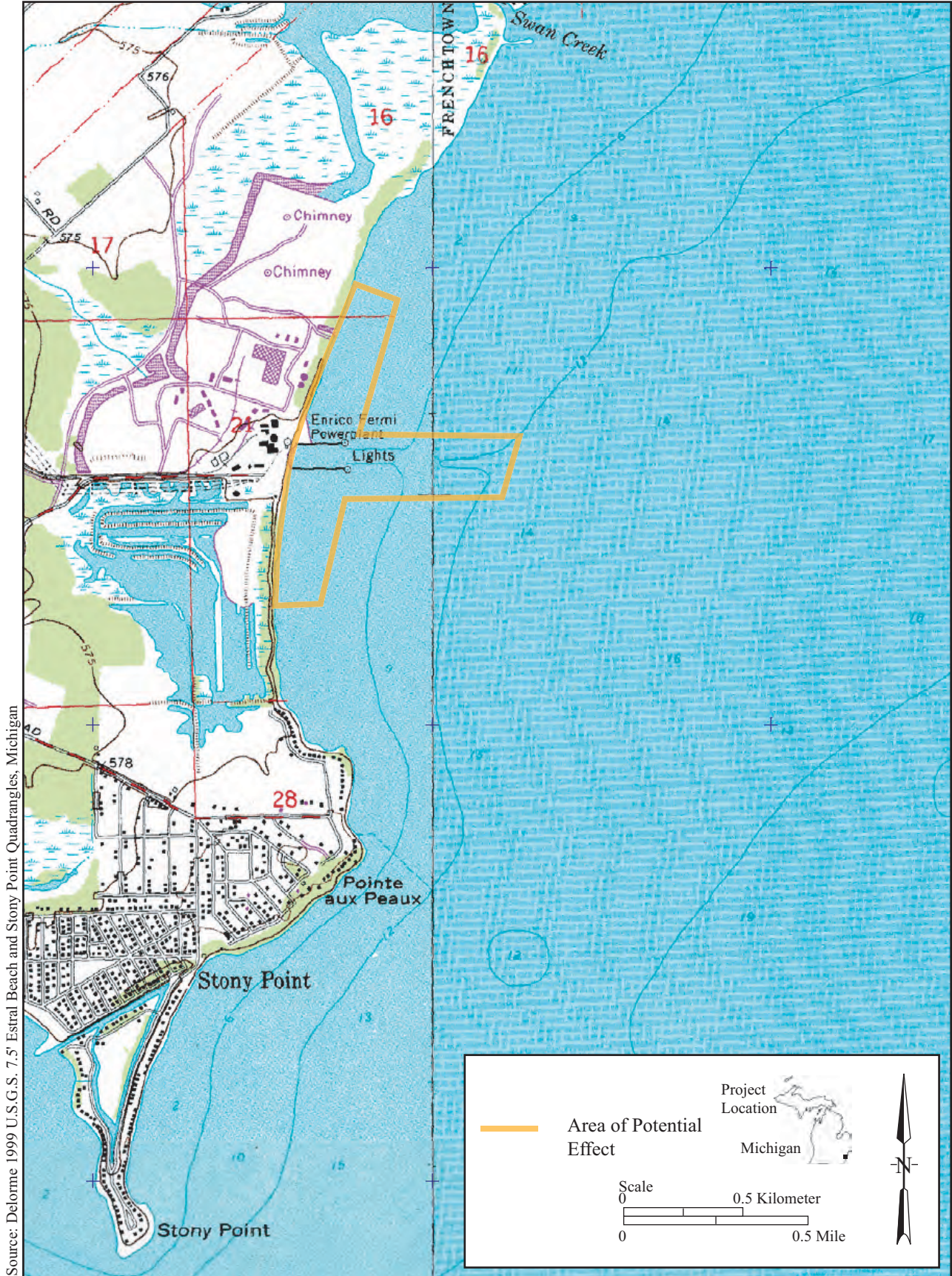
**Created By:** Bruce.Olson@nrc.gov

**Recipients:**  
"FermiCOL Resource" <FermiCOL.Resource@nrc.gov>  
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|--|-------------|------------------------|
| MESSAGE  | 1852        | 7/7/2011 1:38:18 PM    |
| Figure 1 Submerged Sensitivity Report CR4.1.3-8 10 12 10.pdf |             | 2399911                |
| Figure 2.1-4 Fermi Environmental Report Rev 2.pdf            | 1348660     |                        |
| Figure 3.3-2 USACE_Supplemental_RAI_Response 01 11 11.pdf    |             | 433034                 |

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Source: Delorme 1999 U.S.G.S. 7.5' Estral Beach and Stony Point Quadrangles, Michigan

Figure 1. Project Location and Area of Potential Effect





Figure 3.3-2. Location of Intake Structure/Discharge Pipe/Fish Return/Barge Slip

