

## PMFermiCOLPEm Resource

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**From:** Eudy, Michael  
**Sent:** Monday, July 08, 2013 4:28 PM  
**To:** Michael K Brandon; Ryan C Pratt  
**Cc:** Muniz, Adrian; Tardiff, Al; Carpentier, Marcia; FermiCOL Resource  
**Subject:** Fermi Draft Chp 1 RAI #7180  
**Attachments:** DRAFT RAI 7180.doc

Michael and Ryan,

Here is a new Chapter 1 Draft RAI. Please review and advise if you would like to set up a technical telecom later this week or next to discuss this RAI with NRC staff before it is formally issued. If you do not need a meeting, then please indicate to me accordingly. Thank you.

Michael A. Eudy - Project Manager  
U.S. Nuclear Regulatory Commission  
NRO/DNRL/NGE1&2  
301-415-3104

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## **Request for Additional Information**

Application Title: Fermi Unit 3 - Docket Number 52-033  
Operating Company: Detroit Edison  
Review Section: 01.05 - Other Regulatory Considerations

### **QUESTIONS**

01.05-XX

In your February 1, 2012 supplemental RAI response to RAI 01-7, you specified that the Special Nuclear Material (SNM) in the form of reactor fuel for Fermi 3 is Category III, SNM of low strategic significance, as defined by 10 CFR 70.4 and will not exceed U-235 isotope enrichment of 10 percent as described in ESBWR DCD reference 4.3-10 that is incorporated by reference. In accordance with 10 CFR 70.22(k), the staff is requesting that the applicant provide the following additional information:

Per the requirements of 10 CFR 73.67(f), please describe and specify the details (e.g., descriptions of engineered controls, administrative controls and management systems) on how the fixed site physical protection requirements for strategic special nuclear material of low strategic significance (i.e., fresh low-enriched uranium fuel) will be met. Please provide the necessary revisions to your application accordingly.

01.05-XX

With respect to Revision 5 of the Fermi COL application, the staff notes that item 15 in Table 13.4-201 of the FSAR contains the following Security Program entry, "(portions applicable to radioactive material)". The information provided for this entry appears to infer that 10 CFR 73.55 requirements will be implemented and subsequently those for 10 CFR 73.1(a) prior to on-site receipt of strategic SNM of low strategic significance (i.e., fresh low-enriched uranium fuel.) In accordance with 10 CFR 70.22(k), the staff is requesting that the applicant provide the following additional information before a determination can be made on the approval request:

Please clarify how the fixed site physical protection requirements for fresh fuel will be addressed through the implementation of 10 CFR 73.55 requirements and which of the 10 CFR 73.55 requirements will be implemented prior to receipt of fresh fuel within the Fermi 3 protected area. In addition, with respect to the entry "(portions applicable to radioactive material)" please clarify the reference to FSAR Section 13.6 and describe the meaning of the milestone you have listed for this entry. Please provide the necessary revisions to your application accordingly.