

Joseph H. Plona  
Site Vice President

6400 N. Dixie Highway, Newport, MI 48166  
Tel: 734.586.5910 Fax: 734.586.4172

**DTE Energy**



10 CFR 50.71(e)  
10 CFR 50.4(b)(6)

November 20, 2008  
NRC-08-0071

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington D.C. 20555-0001

- References: 1) Enrico Fermi Atomic Power Plant, Unit No. 1  
NRC Docket No. 50-16  
NRC License No. DPR-9
- 2) Fermi 1 Letter to NRC (NRC-07-0048) dated August 27, 2007,  
"Enrico Fermi Atomic Power Plant, Unit No. 1  
Annual Report Period Ending June 30, 2007"
- 3) Fermi 1 Letter to NRC (NRC-08-0057) dated August 28, 2008,  
"Enrico Fermi Atomic Power Plant, Unit No. 1  
Annual Report Period Ending June 30, 2008"

Subject: Submittal of Revision 5 to the Fermi 1 Safety Analysis Report

Pursuant to 10 CFR 50.71(e) and 10 CFR 50.4(b)(6), Detroit Edison hereby submits  
Revision 5 to the Fermi 1 Safety Analysis Report (F1SAR).

One signed original of the F1SAR, Revision 5, is being submitted to the Document Control Desk.  
In addition, one copy will be submitted to Region III. Changes associated with Revision 5 are  
annotated by revision bars in the appropriate margin. The entire document has been updated to  
Rev. 5. All pages are marked "Rev. 5, 11/08" in the lower right-hand corner. All pages are also  
marked "Security-Related Information – Withhold Under 10 CFR 2.390" at the top of each page  
per the requirements of NRC Regulatory Issue Summary 2005-31 (RIS 2005-31), "Control of

NMS001  
A053  
F31E

Security-Related Sensitive Unclassified Non-Safeguards Information Handled by Individuals, Firms, and Entities Subject to NRC Regulation of the Use of Source, Byproduct, and Special Nuclear Material", issued 12/22/05. Based on a review of the F1SAR, information contained on pages 4-8 and 4-9 titled Table 4.1, Summary of Activation Analysis – January, 2001 (Page 4-8, first page and Page 4-9, continuation page) and Figures 4.4 through 4.11 on pages 4-13 through 4-20, meet the screening criteria contained in RIS 2005-31, Attachment 2, Section 2A and require that a header and editorial text block is added to each page per Attachment 1, Section A. Attachment 1, Section A also requires that the header appears on each page of the affected document.

In accordance with 10 CFR 50.71(e) and 10 CFR 50.71(f), the information provided in this submittal describes the plant configuration through May 2008, as a minimum and reflects changes made since the Revision 4 submittal that were made under the provisions of 10 CFR 50.59, 10 CFR 50.54(a), and/or following NRC approval.


One activity during the period was screened as requiring a 50.59 evaluation, which is addressed in Reference 3. The postulated accident analyses in Section 8.4 of the F1SAR were re-assessed based on the results of the contamination analyses performed on smears from inside the reactor vessel and on components removed from the reactor vessel. The postulated accident analyses were assessed when evaluating the effect of processing reactor residual sodium. Based on the result of the 50.59 evaluation, NRC approval of the change was not required.

F1SAR, Revision 5, includes a change to the Fermi 1 Quality Assurance Program described in Section 6, "Administrative Controls". Global changes were made in Section 6 to reflect a title change in the Asst. Vice President, Nuclear Generation to Site Vice President, Nuclear Generation. The 10 CFR 50.54(a) review concluded that this organizational title change is administrative in nature and does not change the responsibilities of the Fermi 1 Custodian or the Site Vice President, Nuclear Generation and does not reduce the commitment in the Quality Assurance (QA) Program description in the F1SAR.

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Should you have any questions or require additional information, please contact Ms. Lynne S. Goodman of my staff at (734) 586-1205.

Sincerely,



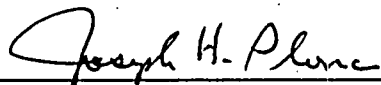
Joseph H. Plona  
Site Vice President, Nuclear Generation

JHP/CAN/ljd

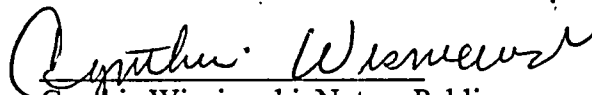
Attachment

cc: NRC Regional Administrator, Region III  
T. Smith, NRC (Washington, D.C.)  
NRC Resident Inspector- Fermi 2  
P. Lee, NRC Region III  
T. Strong (Michigan Dept of Environmental Quality)

I, Joseph H. Plona., do hereby affirm that the foregoing statements are based on facts and circumstances which are true and accurate to the best of my knowledge and belief.

  
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Joseph H. Plona  
Site Vice President, Nuclear Generation

On this 20th day of November, 2008 before me personally appeared Joseph H. Plona, being first duly sworn and says that he executed the foregoing as his free act and deed.

  
\_\_\_\_\_  
Cynthia Wisniewski, Notary Public

CYNTHIA A. WISNIEWSKI  
NOTARY PUBLIC, STATE OF MI  
COUNTY OF WAYNE  
MY COMMISSION EXPIRES MAY 30, 2013  
ACTING IN COUNTY OF Monroe