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DTE Energy



*Designated
Original
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~~Security Related Information Withhold Under 10 CFR 2.390~~

April 27, 2007

10 CFR 74.7

~~NRC-07-0022~~

Director of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington D C 20555-0001

- References: 1) Fermi 2
NRC Docket No. 50-341
NRC License No. NPF-43
- 2) Detroit Edison Letter to NRC, "Proposed Technical Specification Changes (License Amendment) -Design Features/Fuel Storage (Technical Specification 4.3) and Programs and Manuals/High Density Spent Fuel Racks (Technical Specification 5.5.13)," NRC-99-0084 dated November 19, 1999
- 3) NRC letter to Detroit Edison, "Fermi 2 - Issuance of Amendment Re: Spent Fuel Pool Rerack (TAC No. MA7233)," dated January 25, 2001

Subject: Request for Exemption from 10 CFR 74.19(c) Regarding Physical Inventory of Special Nuclear Material located in the Spent Fuel Pool

Pursuant to 10 CFR 74.7, "Specific Exemptions," Detroit Edison hereby requests an exemption from a requirement specified in 10 CFR 74.19, "Recordkeeping." As detailed in Enclosure 1, the specific exemption would be from the requirement of 10 CFR 74.19(c) regarding the frequency requirement of physical inventory of special nuclear material (SNM) in the spent fuel pool for Fermi 2.

Enclosure 4 contains a summary of regulatory commitments associated with this letter.

NMSSO1

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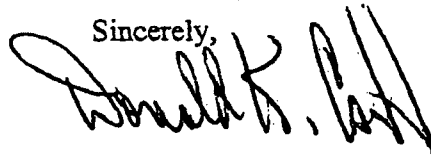
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The enclosed documents contain security-related sensitive information; therefore, the documents should be withheld from public disclosure in accordance with 10 CFR 2.390. Upon separation from the enclosed documents, the cover letter is decontrolled. In addition, Enclosure 3 contains proprietary information. The affidavit required by 10 CFR 2.390(b)(1) is included.

Detroit Edison requests approval of the exemption by December 3, 2007, as this is the beginning of Fermi 2 annual SNM Physical Inventory.

Should you have any questions regarding this submittal, please contact Ronald W. Gaston, Manager - Nuclear Licensing, at (734) 586-5197.

Sincerely,



Enclosures

cc: w/o Enclosures
NRC Project Manager
Reactor Projects Chief, Branch 4, Region III
NRC Resident Office
Regional Administrator, Region III
Supervisor, Electric Operators,
Michigan Public Service Commission