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**DTE Energy**



November 18, 2004  
NRC-04-0093

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 License Amendment To Revise Technical Specification 2.1, Safety Limit Minimum Critical Power Ratio," NRC-04-0074, dated October 7, 2004
- 3) Detroit Edison Letter to NRC, "Response to NRC Request for Additional Information Pertaining to the Fermi 2 SLMCPR Amendment Request," NRC-04-0088, dated November 12, 2004

Subject: Response to NRC Follow-up Request for Additional  
Information Pertaining to the Fermi 2 SLMCPR Amendment Request

In Reference 2, Detroit Edison requested NRC approval of a proposed license amendment that modifies the Safety Limit Minimum Critical Power Ratio (SLMCPR) in Technical Specification (TS) 2.1.1.2 to reflect results of cycle-specific calculations performed for Fermi 2 operating Cycles 10 and 11 by Global Nuclear Fuels (GNF). The application also addressed the 10 CFR 21 Notification issued by General Electric Nuclear Energy (GENE). Reference 3 provided Detroit Edison's response to an NRC request for additional information (RAI) in support of this application.

ADD1

During a telephone conversation held on November 17, 2004 between NRC staff and Detroit Edison personnel, the NRC requested clarification of results presented in Table 1 of Attachment 1 to NRC-04-0074 (Reference 2) in light of the double hump penalty values provided in response to NRC Question 3 (Reference 3).

In response, Detroit Edison discussed the Monte Carlo SLMCPR values for Cycle 10 and Cycle 11. Detroit Edison provided the following information to illustrate the impact of the double hump penalty; the headings Pre-Part 21 and Post Part 21 refer to a GENE 10 CFR 21 Notification dated August 24, 2004:

<b>Pre-Part 21 (100% Flow)</b>	<b>Cycle 10</b>	<b>Cycle 11</b>
Monte Carlo DLO SLMCPR	1.07	1.05
Monte Carlo SLO SLMCPR	1.09	1.07
R-Factor Uncertainty Increased?	No	Yes
Evaluated for Double Hump Power Shape Penalty?	Yes	Yes
Double Hump Penalty Applied?	No	No

<b>Post Part 21 (81% Flow)</b>	<b>Cycle 10</b>	<b>Cycle 11</b>
Monte Carlo DLO SLMCPR	1.08	1.08
Monte Carlo SLO SLMCPR	1.09	1.09
R-Factor Uncertainty Increased?	No	Yes
Evaluated for Double Hump Power Shape Penalty?	Yes	Yes
Double Hump Penalty Applied?	No	Yes

Should you have any questions or require additional information, please contact Mr. Norman K. Peterson of my staff at (734) 586-4258.

Sincerely,


*William J. O'Conner*

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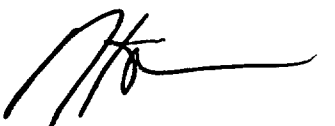
Enclosure

cc: D. P. Beaulieu  
E. R. Duncan  
NRC Resident Office  
Regional Administrator, Region III  
Supervisor, Electric Operators,  
Michigan Public Service Commission

I, WILLIAM T. O'CONNOR, JR., 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.

  
WILLIAM T. O'CONNOR, JR.  
Vice President - Nuclear Generation

On this 18 day of November, 2004 before me personally appeared William T. O'Connor, Jr., being first duly sworn and says that he executed the foregoing as his free act and deed.

  
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Notary Public

NORMAN K. PETERSON  
NOTARY PUBLIC MONROE CO., LA  
MY COMMISSION EXPIRES JUL 24, 2006

