J. Todd Conner
Site Vice President

DTE Energy Company
6400 N. Dixie Highway, Newport, MI 48166
Tel: 734.586.4849 Fax: 734.586.5295
Email: connerj@dteenergy.com

DTE Energy

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Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

Reference: Fermi 2
NRC Docket No. 50-341
NRC License No. NPF-43

Subject: Plans for Restoration of the South Reactor Feedpump

On June 25, 2012, during normal power ascension of the unit, the south reactor feedpump turbine exhibited abnormal vibration levels that resulted in the failure of the turbine assembly. Upon assessment of the damage and the condition of the feedpump turbine, it was determined that it would be necessary to disassemble the turbine components and ship them offsite for decontamination, rework or repair. Initial estimates indicated that between six and twelve months would be required to repair and reinstall the turbine assembly.

Based on this, a decision was made to physically and electrically isolate the south reactor feedpump in order to ensure safety and reliability while the plant operates with only the north reactor feedpump in service. This isolation of the south feedpump was completed and the plant was restarted on July 29, 2012. Since that time, plant operation has been with one reactor feedpump in service, at reduced reactor power levels.

Plans are currently being finalized that support a mid-cycle outage in the first quarter of Calendar Year 2013 to restore the south reactor feedpump. These plans are contingent on the completion of significant asset refurbishment and testing activities and are potentially subject to change. Detroit Edison will restore the south reactor feedpump prior to plant startup following Refueling outage 16 (RF16), currently scheduled for the first quarter of Calendar Year 2014. The restoration of the south reactor feedpump will reestablish the plant configuration that existed prior to the June 25, 2012, and Fermi 2 will resume operating at the 100% licensed power limit.

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Should you have any questions, please contact me at (734) 586-4849.

Sincerely,

cc: Document Control Desk - Washington D C
NRC Project Manager
NRC Resident Office
Reactor Projects Chief, Branch 4, Region III