

Detroit
Edison

William S. Orser
Senior Vice President

Fermi 2
6400 North Dixie Highway
Newport, Michigan 48166
(313) 586-5201



May 6, 1991
NRC-91-0047

Mr. A. B. Davis
Regional Administrator
U. S. Nuclear Regulatory Commission
Region III
799 Roosevelt Rd., Bldg. 4
Glen Ellyn, IL 60137

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

Subject: Startup Report for Fermi 2 Cycle 3

Fermi 2 Technical Specification 6.9.1.1 requires Detroit Edison to submit a summary report of plant startup and power escalation testing following installation of fuel that has been manufactured by a different fuel supplier. The purpose of this letter is to address this requirement for the planned June 1991 startup of Fermi 2 for Cycle 3 with four commercially available Asea Brown Boveri (ABB) SVEA-96 lead fuel assemblies (LFA) loaded in the core.

The ABB SVEA-96 LFAs are a 10 x 10 array with 96 fuel rods and a central water cross region. The LFA program will allow Detroit Edison to gain operating experience with a different fuel supplier. Similar programs are under way at other domestic Boiling Water Reactors. The remaining fuel at Fermi 2 is manufactured by General Electric Company.

The Fermi 2 LFA program places the SVEA-96 bundles in lower power core positions toward the core periphery. These locations are typically lower in power than more central core positions, which will assure that the LFAs will not lead the core with respect to bundle power or nodal power.

Because of the conservative core location of the SVEA-96 LFAs and the extremely small fraction of the core (4 out of 764 fuel bundles) which will consist of LFA's, Detroit Edison has determined that a special startup test program for the use of SVEA-96 LFAs is not necessary. Therefore, a startup report will not be needed in this case.


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If you have any questions, please contact Mr. Glen D. Ohlemacher at
(313) 586-4275.

Sincerely,



cc: R. W. DeFayette
W. G. Rogers
J. F. Stang
USNRC Document Control Desk
Washington, D. C. 20555