

Detroit
Edison

William S. Orser
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August 12, 1992
NRC-92-0098

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

- References:
- 1) Fermi 2
NRC Docket No. 50-341
NRC License No. NPF-43
 - 2) Detroit Edison Letter, NRC-91-0102, "Proposed License Amendment - Up-rated Power Operation," dated September 24, 1991.
 - 3) Detroit Edison Letter, NRC-92-0048, "Revision to Proposed License Amendment for Up-rated Power Operation and to the Fermi 2 Power Up-rate Safety Analysis (TAC No. M82102), dated April 30, 1992.
 - 4) Federal Register, Volume 53, Number 39, Pgs. 6040-6043, Federal Docket 38-4229, dated February 29, 1988.
 - 5) Detroit Edison Letter NRC-92-0018, "Burnup and Enrichment Levels of 10CFR51.52," dated February 24, 1992.

Subject: Additional Information Requested by the NRC Project Manager for Preparation of an Environmental Impact Statement for the Fermi 2 Power Up-rate License Amendment Request

The purpose of this letter is to document information requested by Mr. Timothy Colburn, NRC/NRR Project Manager for Fermi 2, for the development of an Environmental Impact Statement (EIS) for the Reference 2 & 3 Power Up-rate (PU) License Amendment request. Previously, in Reference 5, Detroit Edison had provided the NRC Staff with information stating that the Reference 4 values would be met for maximum Uranium-235 enrichments no greater than 5% and fuel burnup not exceeding maximum average rod burnup levels of 60 gigawatt-days per metric ton (GWd/Mtu). Therefore, Detroit Edison concluded that the generic evaluation of the type provided in 53 FR 6040 applied to this

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application for an amendment to the Facility Operating Licensing.
These conclusions are still applicable.

However, in the course of the NRC/NRR Project Manager's review of this matter, he requested actual maximum fuel pellet enrichment data and expected maximum fuel exposure data for Reload 3 / Cycle 4 operation. The following information is provided, as requested:

- o Maximum Fuel Pellet Enrichment = 4.8%.
- o Maximum Batch Average Fuel Exposure = 34.0 GWd/Mtu.
- o Maximum Fuel Pellet (Rod) Exposure = 49.1 GWd/Mtu.

Detroit Edison provided the same information to Mr. Colburn, in advance, via telecopy, on August 10, 1992.

If there are any further questions on this matter, please contact Mr. Terry L. Riley, Supervisor, Nuclear Licensing, at (313) 586-1684.

Sincerely,



cc: T. G. Colburn
A. B. Davis
M. Phillips
S. Stasek
R. Stransky
Supervisor, Electric Operators, Michigan
Public Service Commission - J. R. Padgett