

BEFORE THE UNITED STATES
NUCLEAR REGULATORY COMMISSION

IN THE MATTER OF:

THE DETROIT EDISON COMPANY
FERMI 2

Docket No. 50-341

AMENDMENT NO. 59
TO AMENDED AND SUBSTITUTED
APPLICATION FOR LICENSES

THE DETROIT EDISON COMPANY, Applicant in the above-captioned proceeding, hereby files Amendment No. 59 to its Amended and Substituted Application for Licenses for the purpose of transmitting additional information requested by the Regulatory Staff. Major modifications incorporated in this amendment include: updating of data pertaining to primary containment penetrations and associated isolation valves; revision of Table 3.2-1 to reflect current classification (e.g., seismic qualification, QA classification, construction codes applicable) of principal components of safety related systems; revision of sections on standby liquid control system to reflect its QA classification (as provided in EF2-68267, dated June 22, 1984); and to revise pertinent portions of the FSAR in accordance with the Fermi 2 response to Generic Letter 84-11 (as provided in EF2-69210, dated July 13, 1984). Several figures were also revised. The balance of the amendment consists of minor technical and administrative corrections and clarifications.

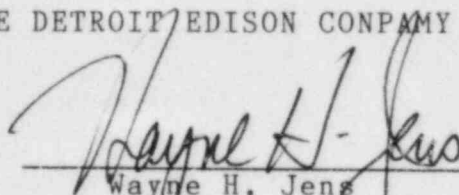
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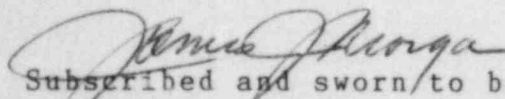
Mr. Harold Denton
EF2-72270
September 27, 1984

WHEREFORE, Applicant prays as in it's Amended and Substituted
Application for Licenses.

THE DETROIT EDISON COMPANY

BY


Wayne H. Jens
Vice President
Nuclear Operations


Subscribed and sworn to before
me this 27th day of September, 1984

JAMES J. MORGAN
Notary Public, Oakland County, MI
My Commission Expires Jan. 3, 1987

Acting in Monroe County, Michigan

Mr. Harold Denton
EF2-72270
September 27, 1984

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