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NRC-15-0088

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

Reference: Enrico Fermi Atomic Power Plant, Unit 1
NRC Docket No. 50-16
NRC License No. DPR-9

Subject: Enrico Fermi Atomic Power Plant, Unit 1
Annual Report for Period Ending June 30, 2015

Pursuant to Section F.7, Reporting Requirements, of the Technical Specifications for Possession-Only License No. DPR-9, the Annual Report for the period ending June 30, 2015 for the SAFSTOR Fermi 1 facility is enclosed.

Should you have any questions, please contact Daniel Breiding, Fermi 1 Custodian at 734-586-1912.

Sincerely,

A handwritten signature in black ink, appearing to read "Vito A. Kaminskas".

Vito A. Kaminskas
Site Vice President

Enclosure

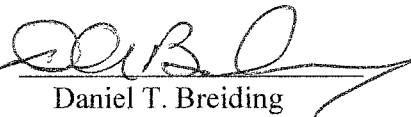
cc: NRC Regional Administrator, Region III
T. Smith, NRC (Washington, D.C.)
NRC Resident Inspector - Fermi 2
P. Lee, NRC Region III
Michigan Public Service Commission
Regulated Energy Division (kindschl@michigan.gov)

Enclosure to
NRC-15-0088

DTE ELECTRIC COMPANY
ENRICO FERMI ATOMIC POWER PLANT, UNIT 1

Docket No. 50-16
License No. DPR-9

Annual Report for Period
July 1, 2014 through June 30, 2015

Approved by: 
Daniel T. Breiding
Fermi 1 Custodian

Date: 8/22/15

ENRICO FERMI ATOMIC POWER PLANT, UNIT 1
ANNUAL REPORT
JULY 1, 2014 THROUGH JUNE 30, 2015

1.0 PREFACE

This report provides a summary of the activities performed and the results of the facility surveillance program of the Enrico Fermi Atomic Power Plant, Unit 1, during the past twelve (12) months ending June 30, 2015.

In summary, required activities were conducted in accordance with the Possession-Only License and Technical Specifications. Fermi 1 is in passive monitoring SAFSTOR status.

2.0 SAFSTOR STATUS

2.1 Health Physics

2.1.1 Personnel Exposure

From July 1, 2014 through June 30, 2015, all monitored Fermi 1 personnel wore Dosimeters of Legal Record (DLRs). Additionally, Electronic Dosimeters (EDs) were worn throughout the reporting period as secondary dosimetry. All visitors were appropriately escorted and wore EDs, as a minimum, when entering all Fermi 1 Radiologically Restricted Areas (RRA).

The accumulated whole body dose for personnel assigned to Fermi 1 was 0.00 REM for this reporting period. The total dose is based on data from the following:

0.000 REM (DLR-based) 01JUL14 – 30JUN15

2.2 Surveillance Program

2.2.1 Environmental Surveys

No liquid radiological releases occurred during this period; therefore, environmental monitoring samples were not required.

2.2.2 Weekly Tests and Inspections

General area --- The Fermi 1 staff performed walk through and visual inspections as required by Technical Specifications. No significant issues were identified during the inspections.

2.2.3 Monthly Inspections

Controlled Area Inspections --- During the specified interval, Fermi 1 staff conducted visual inspections of the fences, gates, doors, and surveyed the sump water levels from the top access of all active sumps. No significant issues were identified during the inspections.

2.2.4 Quarterly Surveillances

Radiological Surveys --- The Radiation Protection technicians monitored the Reactor Building and the Fuel and Repair Building (FARB) for presence of gamma radiation, as well as beta, gamma, and alpha contamination. There were no unexpected radiation readings detected. The results of the quarterly contamination surveys indicated general area walkways remain < 500 dpm/100 cm^2 beta/gamma and < 20 dpm/100 cm^2 alpha.

3.0 GROUNDWATER MONITORING

The Fermi 1 staff collected groundwater monitoring well samples and no plant-related radioactive isotopes were detected above background levels. At the time of this publication results from groundwater samples collected in June, 2015 have not been received from the contract laboratory. Splits from these samples analyzed by the Fermi 2 laboratory for tritium were negative.

4.0 RADIOLOGICAL SHIPMENTS

There were no radiological materials shipped offsite from Fermi 1 during the reporting period.

5.0 RADIOLOGICAL GASEOUS EFFLUENTS

There were no radiological gaseous effluent releases during the reporting period.

6.0 50.59 EVALUATIONS, DESIGN CHANGES AND LER's

6.1 10 CFR 50.59

There were no 10 CFR 50.59 evaluations performed during this period. Screenings determined that 50.59 evaluations were not required.

6.2 Design Changes

There were no Design Changes during this reporting period.

6.3 Licensee Event Reports

There were no Licensee Event Reports (LERs) during this reporting period.

7.0 AUDIT SUBCOMMITTEE

The Audit Subcommittee inspected the physical facility and reviewed the Technical Specification surveillance records during the reporting period. No significant problems were identified.

All audit reports are maintained on file.