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September 3, 2024
NRC-24-0057

10CFR50.4

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Fermi 2 Power Plant
NRC Docket No. 50-341
NRC License No. NPF-43

Subject: Update to NRC 24-0041: Technical Specification (TS) 5.6.7 – Post Accident
Monitoring Report

DTE Electric Company (DTE) is submitting this report pursuant to Fermi 2 Technical Specification (TS) 3.3.3.1, “Post Accident Monitoring Instrumentation” and TS 5.6.7, “Post Accident Monitoring Report.” The enclosure to this letter contains the report regarding the inoperability of Division 2 Containment High Range Radiation Monitor System (CHRRMS). On May 7, 2024, Fermi 2 entered TS 3.3.3.1 Condition A due to Division 2 CHRRMS failing downscale. On June 7, 2024, Fermi 2 entered TS 3.3.3.1 Condition B as Division 2 CHRRMS remained inoperable for 30 days, requiring this special report to the NRC pursuant to TS 5.6.7.

DTE previously submitted NRC-24-0041 on June 21, 2024, which detailed actions and plans to restore Division 2 CHRRMS. The enclosure attached to this letter contains updated actions and plans to restore Division 2 CHRRMS.

No new commitments are being made in this submittal.

Should you have any questions or require additional information, please contact Mr. Eric Frank at (734) 586-4772.

Sincerely,

Christopher P Domingos

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Site Vice President

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Enclosure: Update to NRC-24-0041: Post Accident Monitoring Instrumentation Report -
Inoperable Division of CHRRMS

cc: NRC Project Manager
NRC Resident Office
Regional Administrator, Region III

**Enclosure to
NRC-24-0057**

**Fermi 2 NRC Docket No. 50-341
Operating License No. NPF-43**

**Update to NRC-24-0041: Post Accident Monitoring Instrumentation Report - Inoperable
Division of CHRRMS**

Update to NRC-24-0041: Post Accident Monitoring Instrumentation Report - Inoperable Division of Containment High Range Radiation Monitor System (CHRRMS)

Alternate Monitoring Method

Indication from Division 1 CHRRMS has been verified. Until Division 2 CHRRMS is restored to OPERABLE, Division 1 CHRRMS will serve as the alternate monitoring method for Division 2 CHRRMS.

Apparent Cause of Inoperability

Troubleshooting of the Division 2 CHRRMS has confirmed the failure of the associated Power Supply, D11K817B, as the cause of the downscale indication and subsequent inoperability.

Timeline to Restore Operability

The current timeline to restore Division 2 CHRRMS is July 24, 2025. Parts availability and required vendor support for troubleshooting the Control Center Emergency Air (CCEA) Radiation monitors, are contributors to the restoration date. Division 1 North and South CCEA Radiation Monitors must be repaired prior to replacing the Division 2 CHRRMS power supply.

Actions

- Dates provided are projected estimates and are dependent on resource and parts availability. An updated PAM report will only be provided if changes to this plan impacts the final restoration date of July 24, 2025.

Action	Description	Owner	Due Date
1	Division 1 South CCEA Radiation Monitor repairs	Steve Banek (parts), Adam Erinc (Maintenance)	12/06/2024
2	Division 1 North CCEA Radiation Monitor troubleshooting with the vendor and associated repairs	Steve Banek (parts), Adam Erinc (Maintenance)	09/13/2024 - troubleshooting with vendor. (Parts / Repairs TBD)
3	Replace Division 2 CHRRMS power supply	Adam Erinc (Maintenance)	07/24/2025
4	Restore Division 2 CHRRMS to operability	Derek Etue (Operations)	07/24/2025