



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

March 19, 2021

Mr. Peter Dietrich
Senior VP and Chief Nuclear Officer
DTE Electric Company
Fermi 2 – 260 TAC
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: FERMI POWER PLANT, INFORMATION REQUEST FOR NRC TRIENNIAL
EVALUATIONS OF CHANGES, TESTS, AND EXPERIMENTS (50.59)
BASELINE INSPECTION; INSPECTION REPORT 05000341/2021011

Dear Mr. Dietrich:

On June 21, 2021, the U.S. Nuclear Regulatory Commission (NRC) will begin a 50.59 Baseline Inspection at the Fermi-2 Power Plant. This inspection will be performed in accordance with the NRC Baseline Inspection Procedure 71111.17T. The onsite portion of the inspection will take place on June 21-25, 2021.

Experience has shown that these baseline inspections are extremely resource intensive, both for the NRC inspectors and the licensee staff. In order to minimize the inspection impact on the site and to ensure a productive inspection for both parties, we have enclosed a request for documents needed for the inspection. These documents have been divided into three groups.

- The first group of information is necessary to ensure that the inspection team is adequately prepared for the inspection. This information should be made available via electronic files available/accessible from the regional office no later than May 03, 2021. The inspection team will review this information and, by May 14, 2021, will request specific records that should be provided for review in the regional office by June 7, 2021.
- The second group of requested documents contains additional items that the team will review, or need access to, prior to the inspection and will be requested for review in the regional office by June 7, 2021, as identified above. The remaining documents should be available to the team by the first day of the onsite inspection, June 21, 2021.
- The third group lists information necessary to aid the inspection team in tracking issues identified as a result of the inspection. It is requested that this information be provided to the lead inspector as the information is generated during the inspection. It is important that all documents are up to date and complete in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection.

The lead inspector for this inspection is Mr. M. Holmberg. We understand that our regulatory contact for this inspection is Mr. S. Gatter of your organization. If there are any questions about the inspection or the material requested, please contact the lead inspector at 630-829-9748 or via e-mail at msh@nrc.gov.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, Control Number 3150-0011. The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget Control Number.

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Mel Holmberg, Reactor Inspector
Engineering Branch 1
Division of Reactor Safety

Docket No. 50-341
License No. NPF-43

Enclosure:
Modification and 50.59 Inspection
Document Request

cc: Distribution via **LISTSERV**[®]

Letter to Peter Dietrich from Mel Holmberg dated March 19, 2021.

SUBJECT: FERMI POWER PLANT, INFORMATION REQUEST FOR NRC TRIENNIAL EVALUATIONS OF CHANGES, TESTS, AND EXPERIMENTS (50.59) BASELINE INSPECTION; INSPECTION REPORT 05000341/2021011

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MODIFICATION AND 50.59 INSPECTION DOCUMENT REQUEST

Inspection Report: 05000341/2021011

Inspection Dates: June 21-25, 2021

Inspection Procedure: IP 71111.17T, "Evaluations of Changes, Tests, and Experiments"

Lead Inspector: Mel Holmberg
630-829-9748
msh@nrc.gov

I. Information Requested for In-Office Preparation Week

The following information is requested by May 03, 2021, or sooner, to facilitate the selection of specific items that will be reviewed during the onsite inspection week. The inspection team will select specific items from the information requested below and submit a list to your staff by May 14, 2021. We will request that certain items be made available to the regional office prior to the inspection by June 7, 2021, and that the remaining items selected from the lists be available for the NRC team review on the first day of inspection. All requested information should identify the associated system and cover the time frame from the receipt of information for the last MOD/50.59 inspection to the present.

The required information identified below should be provided electronically via an internet- based file service (e.g. Certrec or Sharefile) made accessible to the NRC team members or provide files on compact disc (CD) with three copies of each CD submitted. The preferred electronic file format is a searchable "pdf" file. If possible, the files should be organized/indexed to facilitate this request which typically would include a brief description of the document and the numerical heading associated with the request (i.e., where it can be found in the list of documents requested). If you have any questions regarding this information, please contact the inspection team leader as soon as possible.

1. List of all Title 10 of the *Code of Federal Regulations* (CFR), Part 50.59 completed evaluations involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses. This list should include 50.59 evaluations for the following:
 - a. Changes that have been made under the provisions of 10 CFR 50.59 that have been updated in accordance with 10 CFR 50.71(e)(4) since the last MOD/50.59 inspection;
 - b. Modifications that are field work complete; and
 - c. Changes to calculations (or initiation of new calculations) that have been issued. The list should contain the number and title of each document, a brief description of the change, and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies). The list

Enclosure

MODIFICATION AND 50.59 INSPECTION DOCUMENT REQUEST

should NOT include any evaluations in which prior U.S. Nuclear Regulatory Commission approval was sought and obtained.

2. A list of all 10 CFR 50.59 changes that have been screened out as not requiring a full evaluation involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses.

The list should contain the number and title of each document, and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies).

3. A list of any modifications, procedure revisions, or Updated Final Safety Analysis Report (UFSAR) changes where it was determined that 10 CFR 50.59 did not apply.
4. A list of calculation changes that have been issued for use.
5. A list of corrective action documents (open and closed) that address 10 CFR 50.59 issues, concerns, or processes. These documents should also include the corrective action documents associated with the modification and the 50.59 change implementation.

The list should contain the number, title and revision (or date) of each document, the affected system and corresponding documentation (if applicable), and should be sorted in order of significance.

6. Copies of procedures addressing the following: modifications, design changes, set point changes, equivalency evaluations or suitability analyses, commercial grade dedications, post-modification testing, 10 CFR 50.59 evaluations and screenings, and UFSAR updates.
7. UFSAR updates submitted in accordance with 10 CFR 50.71(e)(4). Provide copies of the complete submittal.
8. Copy of the UFSAR change log or a synopsis of the changes. This should include all of the changes made to the UFSAR that were incorporated in the last 10 CFR 50.71(e)(4) submittal.
9. Electronic copy of the UFSAR and technical specifications, if available.
10. Name(s) and phone numbers for the regulatory and technical contacts.
11. Current management and engineering organizational chart.

II. Information Requested to Be Available Prior to Inspection – Documents Accessible/Provided to Staff in the Regional Office Due by June 7, 2021. Additional Documents May Be Requested After This Date and If so, Would Be Due on or Before the First Day of the Inspection (June 21, 2021).

1. Copies of all selected records from Section I. This includes copies of associated documents such as calculations, modification packages (including description),

MODIFICATION AND 50.59 INSPECTION DOCUMENT REQUEST

- 10 CFR 50.59 evaluations or screenings, and any corrective action documents.
2. Copies of these documents do not need to be solely available to the inspection team as long as the inspectors have easy and unrestrained access to them.
 - a. UFSAR, if not previously provided;
 - b. Original Final Safety Analysis Report Volumes;
 - c. Original Safety Evaluation Report and Supplements;
 - d. Final Safety Analysis Report Question and Answers;
 - e. Quality Assurance Plan;
 - f. Technical Specifications, if not previously provided;
 - g. Latest Individual Plant Examination/Probabilistic Risk Assessment Report;
 - h. Vendor Manuals (as requested by inspector for sample if applicable); and
 - i. The latest 10 CFR 50.59 UFSAR Update Submittal.
 3. Please ensure that other supporting documents for the selected items have been located and are readily retrievable as the inspection team will likely be requesting these documents in advance or during the inspection. Examples of supporting documents are:
 - a. Drawings supporting the modifications;
 - b. Procedures affected by the modifications; and
 - c. UFSAR change papers generated due to a 10 CFR 50.59 evaluation.
 4. Assessment and Corrective Actions:
 - a. The most recent 50.59 Quality Assurance audit and/or self-assessment; and
 - b. Corrective action documents (e.g., condition reports, including status of corrective actions) generated as a result of the most recent 50.59 Quality Assurance audit and/or self-assessment.

III. Information Requested to Be Provided Throughout the Inspection

1. Copies of any corrective action documents generated as a result of the inspection team's questions or queries during this inspection.
2. Copies of the list of questions submitted by the inspection team members and the status/resolution of the information requested (provide daily during the inspection to each inspection team member).

MODIFICATION AND 50.59 INSPECTION DOCUMENT REQUEST

If you have any questions regarding the information requested, please contact the inspection team leader.