

~~SECURITY-RELATED INFORMATION~~
~~WITHHOLD FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390~~

The Detroit Edison Company
One Energy Plaza, Detroit, MI 48226-1279



10 CFR 50.71(e)
10 CFR 52.3

February 14, 2012
NRC3-12-0002

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington D C 20555-0001

- References: 1) Fermi 3
Docket No. 52-033
- 2) Letter from Jack M. Davis (Detroit Edison) to USNRC, "Detroit Edison Company Submittal of Application for a Combined License for Fermi 3 (NRC Project No. 757)," NRC3-08-0003, dated September 18, 2008
 - 3) Letter from Peter W. Smith (Detroit Edison) to USNRC, "Detroit Edison Company Application for a Combined License for Fermi 3 Update and Establishment of the Licensing-Basis Information Freeze Point for the Fermi 3 COLA," NRC3-11-0005, dated February 14, 2011
 - 4) Letter from Peter W. Smith (Detroit Edison) to USNRC, "Detroit Edison Company Submittal of Fermi Physical Security Plan, Revision 5," NRC3-11-0039, dated September 23, 2011

Subject: Detroit Edison Company Application for a Combined License for Fermi 3 Update

In Reference 2, Detroit Edison submitted a Combined License Application (COLA) for Fermi 3 that incorporated the General Electric-Hitachi (GEH) design certification application for the Economic Simplified Boiling Water Reactor (ESBWR) and the associated Design Control Document (DCD). The Fermi 3 COLA was most recently updated in Reference 3. This letter transmits an update to the Fermi 3 COLA, satisfying the annual Final Safety Analysis Report (FSAR) update required by 10 CFR 50.71(e), and also updates other COLA parts as identified below.

Changes to the Fermi 3 COLA have primarily originated from NRC staff requests for additional information (RAI) and follow up questions. The COLA changes associated with Detroit Edison responses to RAIs and follow up questions have been provided to the NRC staff previously via COLA markups within Detroit Edison correspondence (see revision summary in Enclosure 3 of this letter). One additional change is provided in this submittal resulting from discussion during

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the November 30, 2011 Advisory Committee on Reactor Safeguards (ACRS) subcommittee meeting (see FSAR Figure 9.5-201 and revision summary provided in Enclosure 3 of this letter). Detroit Edison has not included any changes in this update other than those initiated in response to requests from the NRC staff and ACRS committee discussions. As stated in Reference 3, Detroit Edison has established the licensing-basis freeze point for the Fermi 3 COLA as defined in Interim Staff Guidance DC/COL-ISG-011, "Finalizing Licensing-Basis Information."

This 2012 update of the Fermi 3 COLA is comprised of the following parts:

- Part 1: General and Administrative Information – Revision 2
- Part 2: Final Safety Analysis Report (FSAR) – Revision 4
- Part 3: Environmental Report (ER) – Revision 2
- Part 4: Technical Specifications (TS) – Revision 4
- Part 5: Emergency Plan (E-Plan) – Revision 4
- Part 6: Not Used (reserved for Limited Work Authorization / Site Redress Information)
- Part 7: Departures Report – Revision 4
- Part 8: Security Plan – Revision 3
- Part 9: Proprietary and Sensitive Unclassified Non-Safeguards Information – Revision 2
- Part 10: Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) – Revision 3

Part 1, "General and Administrative Information," has not been updated in this submittal. The entire document is denoted as Revision 2, and is included in this update as a reference document collection.

Part 2, "Final Safety Analysis Report," was revised to incorporate the changes resulting from Detroit Edison responses to NRC RAI letters, and discussion during an ACRS subcommittee meeting. The entire document (Part 2) is denoted as Revision 4, with the changes between Revision 3 and Revision 4 identified by revision bars in the margins. A detailed revision summary for the changes to Part 2 is contained in Enclosure 3.

Part 3, "Environmental Report," has not been updated in this submittal. The entire document is denoted as Revision 2, and is included in this update as a reference document collection.

Part 4, "Technical Specifications," was revised to incorporate Detroit Edison responses to NRC RAI Letters. The entire document is denoted as Revision 4, with the changes between Revision 3 and Revision 4 identified by revision bars in the margins. A detailed revision summary for the changes to Part 4 is contained in Enclosure 3.

Part 5, "Emergency Plan," was revised to incorporate changes resulting from Detroit Edison responses to NRC RAI Letters. The Emergency Plan is denoted as Revision 4 with the changes between Revision 3 and Revision 4 identified by revision bars in the margins. A detailed revision summary for the changes to Part 5 is contained in Enclosure 3.

Part 7, "Departures Report," was revised to incorporate changes resulting from Detroit Edison responses to NRC RAI Letters. The entire document is denoted as Revision 4 with the changes between Revision 3 and Revision 4 identified by revision bars in the margins. A detailed revision summary for the changes to Part 7 is contained in Enclosure 3.

Part 8, "Security Plan," contains references to Safeguards Information and Sensitive Unclassified Non-Safeguards Information (SUNSI), and is denoted as Revision 3. As discussed in the revision summary in Enclosure 3, the Fermi Physical Security Plan (PSP), Fermi 3 Cyber Security Plan, and Fermi 3 Mitigative Strategies and Plans for Loss of Large Areas (LOLA) of the Plant Due to Explosions or Fire, have been revised in response to NRC RAI Letters. In Reference 4, Detroit Edison submitted the Fermi Physical Security Plan, Revision 5. No updates have been made to the PSP since that time. Fermi 3 Cyber Security Plan Revision 3 and Fermi 3 Mitigative Strategies and Plans for Loss of Large Areas (LOLA) of the Plant Due to Explosions or Fire Revision 3, are submitted in Part 9 "Proprietary and Sensitive Unclassified Non-Safeguards Information." A revision summary for the changes to Part 8 is contained in Enclosure 3.

Part 9, "Proprietary and Sensitive Unclassified Non-Safeguards Information," was revised to incorporate changes resulting from Detroit Edison responses to NRC RAI Letters. Part 9 includes Security-Related Information which Detroit Edison requests to be withheld from public disclosure in accordance 10 CFR 2.390. Part 9 contains only Security-Related Information, no proprietary information is contained in this submittal. The document is denoted as Revision 2 with the changes between Revision 1 and Revision 2 identified by revision bars in the margins. The SUNSI Part 8 appendices contained in Part 9 are denoted with revisions levels applicable to those documents, with changes identified via highlighted text within the documents, as discussed in previous submittals which are identified in the revision summary. A revision summary for the changes to Part 9 is contained in Enclosure 3.

Part 10, "Inspections, Tests, Analyses, and Acceptance Criteria," was revised to incorporate changes resulting from Detroit Edison responses to NRC RAI Letters. The entire document is denoted as Revision 3 with the changes between Revision 2 and Revision 3 identified by revision bars in the margins. A detailed revision summary for the changes to Part 10 is contained in Enclosure 3.

A revision summary has been provided in Enclosure 3, containing detailed descriptions of the changes made for each part of the COLA that has been revised in this submittal. The revision summary includes details regarding changes made between the Fermi 3 COLA submitted in Reference 3 and this submittal.

A complete set of application documents is provided in electronic file format on the two enclosed discs. Enclosure 1 contains the public version of the Fermi 3 COLA, and Enclosure 2 contains the non-public version of the Fermi 3 COLA. The Enclosure 1 disc does not contain the non-public information supplied in Part 9 of the Fermi 3 COLA. Included with each disc is a "packing slip" describing its contents, pursuant to NRC instructions for electronic filing.

Appropriate pre-submission checks have been successfully performed on the files for both discs to ensure conformance with "Guidance for Electronic Submissions to the NRC," Revision 6. The discs have been found acceptable for electronic submittal.

Detroit Edison requests that Enclosure 2, which contains Security-Related Information in Part 9 of the COLA, be withheld from public disclosure in accordance 10 CFR 2.390.

If you have any questions, or need additional information, please contact me at (313) 235-3341.

I state under penalty of perjury that the foregoing is true and correct. Executed on the 14th day of February 2012.

Sincerely,



Peter W. Smith,
Nuclear Development - Licensing and Engineering
Detroit Edison Company

Enclosures: 1) Fermi 3 COLA DVD, 2012 Update (Public Version)
2) Fermi 3 COLA DVD, 2012 Update (Non-Public Version)
3) Fermi 3 COLA, 2012 Update Revision Summary

cc: Jerry Hale, NRC Fermi 3 Project Manager
Adrian Muniz, NRC Fermi 3 Project Manager
Michael Eudy, NRC Fermi 3 Project Manager (w/o enclosures)
Bruce Olson, NRC Fermi 3 Environmental Project Manager
Fermi 2 Resident Inspector (w/o enclosures)
NRC Region III Regional Administrator (w/o enclosures)
NRC Region II Regional Administrator (w/o enclosures)
Supervisor, Electric Operators, Michigan Public Service Commission (w/o enclosures)
Michigan Department of Natural Resources and Environment
Radiological Protection Section (w/o enclosures)

**ENCLOSURE 1 TO
NRC3-12-0002**

FERMI 3 COLA DVD, 2012 UPDATE (PUBLIC VERSION)

One DVD labeled "Detroit Edison Fermi 3 Combined License Application, 2012 Update, February 2012 (Public Version)" containing the following:

Fermi 3 Combined License Application Update, February 2012 (Public Version)

DVD Packing Slip as Required by NRC for Electronic Submittals

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**ENCLOSURE 2 TO
NRC3-12-0002**

FERMI 3 COLA DVD, 2012 UPDATE (NON-PUBLIC VERSION)

One DVD labeled "Detroit Edison Fermi 3 Combined License Application, 2012 Update, February 2012 (Non-Public Version)" containing the following:

Fermi 3 Combined License Application Update, February 2012 (Non-Public Version)

DVD Packing Slip as Required by NRC for Electronic Submittals

**SECURITY-RELATED INFORMATION
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**ENCLOSURE 3 TO
NRC3-12-0002**

FERMI 3 COLA, 2012 UPDATE, REVISION SUMMARY
(25 pages)

Revision summaries follow for each part identified below:

- Part 2: Final Safety Analysis Report (FSAR) – Rev 3 to Rev 4
- Part 4: Technical Specifications (TS) – Rev 3 to Rev 4
- Part 5: Emergency Plan (E-Plan) – Rev 3 to Rev 4
- Part 7: Departures Report – Rev 3 to Rev 4
- Part 8: Security Plan (Safeguards Information submitted separately) – Rev 2 to Rev 3
- Part 9: Proprietary and Sensitive Unclassified Non-Safeguards Information – Rev 1 to Rev 2
- Part 10: Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) – Rev 2 to Rev 3

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Table 1.6-201	Referenced Topical Reports Table changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-3 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Table 1.6-201	Referenced Topical Reports Table changes resulting from response to NRC RAI Letter No. 67. See response to RAIs 10.02.03-17 through -19 in Detroit Edison Letter NRC3-11-0042, dated October 28, 2011 (ML11305A214) for further information.
Table 1.8-201	Departures from the Referenced Certified Design Table changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Table 1.9-201	Conformance with Standard Review Plan Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 1.9-203	Conformance with the FSAR Content Guidance in RG 1.206 Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 1.9-204	Industrial Codes and Standards Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 1.12.6	Managerial and Administrative Controls Section changes resulting from response to NRC RAI Letter No. 62. See response to RAI 01-5 in Detroit Edison Letter NRC3-11-0027, dated July 13, 2011 (ML11195A330) for further information.
Table 2.0-201	Evaluation of Site/Design Parameters and Characteristics Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 2.4.12.5	Design Basis for Subsurface Hydrostatic Loadings Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 2.5.2	Vibratory Ground Motion Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 2.5.4	Stability of Subsurface Materials and Foundations Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Section 2.5.5	Stability of Slopes Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 2.5.4-227	Results of Bearing Capacity Analysis Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 2.5.4-201	Excavation Site Plan Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 2.5.4-202	Excavation Cross Section D-D' Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 2.5.4-203	Excavation Cross Section C-C' Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 2.5.4-204	Excavation Cross Section B-B' Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 2.5.4-227 (DELETED)	Selected Shear Modulus Reduction and Damping Curves for Engineered Granular Backfill Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 3.7	Seismic Design Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-201	Full Soil Column Site Response Analysis Profile: Lower Range Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-202	Full Soil Column Site Response Analysis Profile: Intermediate Range Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-203	Full Soil Column Site Response Analysis Profile: Upper Range Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Table 3.7.1-204	Horizontal and Vertical PBSRS at the Finished Ground Level Grade with Associated V/H Ratios Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-205	Full Soil Column Deterministic Profile: Best Estimate Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-206	Full Soil Column Deterministic Profile: Lower Bound Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-207	Full Soil Column Deterministic Profile: Upper Bound Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-208	Horizontal and Vertical RB/FB SCOR FIRS with Associated V/H Ratios Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-209	Horizontal and Vertical CB SCOR FIRS with Associated V/H Ratios Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-210	Horizontal and Vertical SSI FIRS for RB/FB and CB Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-211	Seed Time History Recording Details Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-212	Cross Correlation Coefficients for the Matched Time Histories Corresponding to the SSI FIRS at the RB/FB Level Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-213	Cross Correlation Coefficients for the Matched Time Histories Corresponding to the SSI FIRS at the CB Level Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Table 3.7.1-214	Matched Time History (Outcrop) Parameters Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-215	Best Estimate Properties for Fermi 3 SSI Analyses Based on the Soil Column Truncated at the Top of In Situ Bedrock Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-216	Lower Bound Properties for Fermi 3 SSI Analyses Based on the Soil Column Truncated at the Top of In Situ Bedrock Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.1-217	Upper Bound Properties for Fermi 3 SSI Analyses Based on the Soil Column Truncated at the Top of In Situ Bedrock Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-201	Shear Wave Velocity Profiles for Site Response Analysis Representing the Intermediate and Bounding Estimates Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-202	Modulus Reduction and Damping Relationships Used for the Engineered Granular Backfill Material Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-203	Randomized Shear Wave Velocity Profiles 1-30 for the Intermediate Range Site Response Analysis Profile Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-204	Randomized Shear Wave Velocity Profiles 31-60 for the Intermediate Range Site Response Analysis Profile Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-205	Statistics of Randomized Shear Wave Velocity Profiles for the Intermediate Range Site Response Analysis Profile Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Figure 3.7.1-206	Randomized Shear Modulus Reduction and Damping Relationships Used for 0 to 20 Feet Depth Engineered Granular Backfill Material Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-207	Randomized Shear Modulus Reduction and Damping Relationships Used for 20 to 50 Feet Depth Engineered Granular Backfill Material Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-208	Site Response Logic Tree for Full Soil Column Profile Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-209	PBSRS Amplification Functions for the Fermi 3 Site Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-210	RB/FB SCOR Amplification Functions for the Fermi 3 Site Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-211	CB SCOR Amplification Functions for the Fermi 3 Site Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-212	Development of 10-4 Surface UHRS at the Finished Ground Level Grade for the Full Soil Column Profile Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-213	Development of 10-4 SCOR UHRS at the RB/FB Foundation Level for the Full Soil Column Profile Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-214	Surface Hazard Curves at Finished Ground Level Grade for the Full Soil Column Profile Computed With and Without CAV for 0.5 Hz Spectral Acceleration Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-215	Surface Hazard Curves at Finished Ground Level Grade for the Full Soil Column Profile Computed With and Without CAV for 1 Hz Spectral Acceleration Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Figure 3.7.1-216	Surface Hazard Curves at Finished Ground Level Grade for the Full Soil Column Profile Computed With and Without CAV for 2.5 Hz Spectral Acceleration Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-217	Surface Hazard Curves at Finished Ground Level Grade for the Full Soil Column Profile Computed With and Without CAV for 5 Hz Spectral Acceleration Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-218	Surface Hazard Curves at Finished Ground Level Grade for the Full Soil Column Profile Computed With and Without CAV for 10 Hz Spectral Acceleration Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-219	Surface Hazard Curves at Finished Ground Level Grade for the Full Soil Column Profile Computed With and Without CAV for 25 Hz Spectral Acceleration Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-220	Surface Hazard Curves at Finished Ground Level Grade for the Full Soil Column Profile Computed With and Without CAV for 100 Hz Spectral Acceleration Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-221	Surface UHRS at the Finished Ground Level Grade Computed With and Without CAV Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-222	Horizontal PBSRS for the Fermi 3 Site Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-223	Vertical to Horizontal Spectral Ratios Developed for Fermi 3 Full Soil Column Profile Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-224	Fermi 3 PBSRS at Finished Ground Level Grade (5% Damping) Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Figure 3.7.1-225	Lower Bound, Best Estimate and Upper Bound Shear Wave Velocity Profiles for the Full Soil Column Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-226	Fermi 3 RB/FB SCOR FIRS (5% Damping) Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-227	Fermi 3 CB SCOR FIRS (5% Damping) Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-228	Development of Horizontal Fermi 3 SSI FIRS for the RB/FB Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-229	Development of Horizontal Fermi 3 SSI FIRS for the CB Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-230	Development of Vertical Fermi 3 SSI FIRS for the RB/FB Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-231	Development of Vertical Fermi 3 SSI FIRS for the CB Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-232	Horizontal and Vertical Fermi 3 SSI FIRS for the RB/FB Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-233	Horizontal and Vertical Fermi 3 SSI FIRS for the CB Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-234	Response Spectrum for Spectrally Matched Horizontal (H1) Component for the Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-234	Response Spectrum for Spectrally Matched Horizontal (H1) Component for the Fermi 3 RB/FB SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

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Figure 3.7.1-235	Response Spectrum for Spectrally Matched Horizontal (H2) Component for the Fermi 3 RB/FB SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-236	Response Spectrum for Spectrally Matched Vertical (V) Component for the Fermi 3 RB/FB SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-237	Response Spectrum for Spectrally Matched Horizontal (H1) Component for the Fermi 3 CB SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-238	Response Spectrum for Spectrally Matched Horizontal (H2) Component for the Fermi 3 CB SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-239	Response Spectrum for Spectrally Matched Vertical (V) Component for the Fermi 3 CB SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-240	Acceleration, Velocity, and Displacement Time Histories for the SSI FIRS Horizontal (H1) Component Compatible with the RB/FB Horizontal SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-241	Acceleration, Velocity, and Displacement Time Histories for the SSI FIRS Horizontal (H2) Component Compatible with the RB/FB Horizontal SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-242	Acceleration, Velocity, and Displacement Time Histories for the SSI FIRS Vertical (V) Component Compatible with the RB/FB Vertical SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-243	Acceleration, Velocity, and Displacement Time Histories for the SSI FIRS Horizontal (H1) Component Compatible with the CB Horizontal SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

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Figure 3.7.1-244	Acceleration, Velocity, and Displacement Time Histories for the SSI FIRS Horizontal (H2) Component Compatible with the CB Horizontal SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-245	Acceleration, Velocity, and Displacement Time Histories for the SSI FIRS Vertical (V) Component Compatible with the CB Vertical SSI FIRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-246	Comparison of Response Spectra of Computed Horizontal (H1) Component Surface Motions for SSI Profiles Using the RB/FB SCOR FIRS Input Motion to the Horizontal PBSRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-247	Comparison of Response Spectra of Computed Horizontal (H2) Component Surface Motions for SSI Profiles Using the RB/FB SCOR FIRS Input Motion to the Horizontal PBSRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-248	Comparison of Response Spectra of Computed Vertical (V) Component Surface Motions for SSI Profiles Using RB/FB SCOR FIRS Input Motion to the Vertical PBSRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-249	Comparison of Response Spectra of Computed Horizontal (H1) Component Surface Motions for SSI Profiles Using CB SCOR FIRS Input Motion to Horizontal PBSRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-250	Comparison of Response Spectra of Computed Horizontal (H2) Component Surface Motions for SSI Profiles Using CB SCOR FIRS Input Motion to the Horizontal PBSRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.1-251	Comparison of Response Spectra of Computed Vertical (V) Component Surface Motions for SSI Profiles Using CB SCOR FIRS Input Motion to the Vertical PBSRS Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

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Figure 3.7.1-252	Lower Bound, Best Estimate and Upper Bound Shear Wave Velocity Profiles for the Fermi 3 Site-Specific SSI Analyses Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-201	RB/FB Soil-Structure Interaction Analysis Cases Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-202	CB Soil-Structure Interaction Analysis Cases Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-203a	Ratio with DCD Enveloping Seismic Loads: RB/FB Stick model Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-203b	Ratio with DCD Enveloping Seismic Loads: RCCV Stick model Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-203c	Ratio with DCD Enveloping Seismic Loads: Vent Wall/Pedestal Stick model Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-203d	Ratio with DCD Enveloping Seismic Loads: RSW Stick model Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-203e	Ratio with DCD Enveloping Seismic Loads: RPV Stick model Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-204	Ratio with DCD Enveloping Seismic Loads: CB Stick model Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-205a	Ratio with DCD Enveloping Maximum Vertical Acceleration: RB/FB Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-205b	Ratio with DCD Enveloping Maximum Vertical Acceleration: RCCV Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

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Table 3.7.2-205c	Ratio with DCD Enveloping Maximum Vertical Acceleration: VW/Pedestal Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-205d	Ratio with DCD Enveloping Maximum Vertical Acceleration: RSW Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-205e	Ratio with DCD Enveloping Maximum Vertical Acceleration: RB/FB Flexible Slab Oscillators Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.7.2-206	Ratio with DCD Enveloping Maximum Vertical Acceleration: CB Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-201	SASSI2000 Plate Elements for RB/FB Basemat Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-202	SASSI2000 Plate Elements for RB/FB Exterior Walls Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-203	Overview of SASSI2000 SSI RB/FB Model Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-204	SASSI2000 Plate Elements for CB Basemat Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-205	SASSI2000 Plate Elements for CB Exterior Walls Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-206	Overview of CB SASSI2000 SSI Model Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-207a	Comparison of Floor Response Spectra - RB/FB Refueling Floor in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

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Figure 3.7.2-207b	Comparison of Floor Response Spectra - RCCV Top Slab in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-207c	Comparison of Floor Response Spectra - Vent Wall Top in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-207d	Comparison of Floor Response Spectra - RSW Top in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-207e	Comparison of Floor Response Spectra - RPV Top in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-207f	Comparison of Floor Response Spectra - RB/FB Basemat in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-208a	Comparison of Floor Response Spectra - RB/FB Refueling Floor in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-208b	Comparison of Floor Response Spectra - RCCV Top Slab in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-208c	Comparison of Floor Response Spectra - Vent Wall Top in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-208d	Comparison of Floor Response Spectra - RSW Top in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-208e	Comparison of Floor Response Spectra - RPV Top in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-208f	Comparison of Floor Response Spectra - RB/FB Basemat in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

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Figure 3.7.2-209a	Comparison of Floor Response Spectra - RB/FB Refueling Floor in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-209b	Comparison of Floor Response Spectra - RCCV Top Slab in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-209c	Comparison of Floor Response Spectra - Vent Wall Top in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-209d	Comparison of Floor Response Spectra - RSW Top in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-209e	Comparison of Floor Response Spectra - RPV Top in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-209f	Comparison of Floor Response Spectra - RB/FB Basemat in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-210a	Comparison of Floor Response Spectra - CB Top in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-210b	Comparison of Floor Response Spectra - CB Basemat in X-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-211a	Comparison of Floor Response Spectra - CB Top in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-211b	Comparison of Floor Response Spectra - CB Basemat in Y-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Figure 3.7.2-212a	Comparison of Floor Response Spectra - CB Top in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.

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Figure 3.7.2-212b	Comparison of Floor Response Spectra - CB Basemat in Z-Direction Figure changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 3.8	Seismic Category I Structures Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.8.5-201	Factors of Safety for RB/FB Foundation Stability Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.8.5-202	Factors of Safety for CB Foundation Stability Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 3.8.5-203	Maximum Soil Dynamic Bearing Pressure Demand for RB/FB and CB Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 9.2.4.2	System Description Section changes resulting from response to NRC RAI Letter No. 64. See response to RAI 09.02.04-1 in Detroit Edison Letter NRC3-11-0031, dated August 12, 2011 (ML11228A127) for further information.
Section 9.2.4.3	Safety Evaluation Section changes resulting from response to NRC RAI Letter No. 64. See response to RAI 09.02.04-1 in Detroit Edison Letter NRC3-11-0035, dated August 26, 2011 (ML11241A195) for further information.
Section 9.4	Heating, Ventilation, and Air Conditioning Section changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Figure 9.5-201	Fire Protection System Yard Main Loop Figure changes resulting from discussion during the November 30, 2011, ACRS (Advisory Committee on Reactor Safeguards) subcommittee meeting. The description of the yard main loop portion of the Fire Protection System in the text of FSAR Section 9.5 is correct; Figure 9.5-201 was revised to appropriately reflect the FSAR text and ESBWR DCD configuration description.
Section 10.2.3.6	Inservice Maintenance and Inspection of Turbine Rotors Section changes resulting from response to NRC RAI Letter No. 67. See response to RAIs 10.02.03-17 through -19 in Detroit Edison Letter NRC3-11-0042, dated October 28, 2011 (ML11305A214) for further information.
Section 10.2.3.7	Inservice Inspection of Turbine Valves Section changes resulting from response to NRC RAI Letter No. 67. See response to RAIs 10.02.03-17 through -19 in Detroit Edison Letter NRC3-11-0042, dated October 28, 2011 (ML11305A214) for further information.

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Section 10.2.3.8	Turbine Missile Probability Analysis Section changes resulting from response to NRC RAI Letter No. 67. See response to RAIs 10.02.03-17 through -19 in Detroit Edison Letter NRC3-11-0042, dated October 28, 2011 (ML11305A214) for further information.
Section 10.2.6 (DELETED)	References Section changes resulting from response to NRC RAI Letter No. 67. See response to RAIs 10.02.03-17 through -19 in Detroit Edison Letter NRC3-11-0042, dated October 28, 2011 (ML11305A214) for further information.
Section 10.4.6.2.2	Component Description Section changes resulting from response to NRC RAI Letter No. 58. See response to RAI 12.02-7 in Detroit Edison Letter NRC3-11-0032, dated August 5, 2011 (ML11221A075) for further information.
Section 10.4.7.2.1	General Description Section changes resulting from response to NRC RAI Letter No. 58. See response to RAI 12.02-7 in Detroit Edison Letter NRC3-11-0032, dated August 5, 2011 (ML11221A075) for further information.
Section 11.2.3.2	Radioactive Releases Section changes resulting from response to NRC RAI Letter No. 42. See response to RAI 12.03-12.04-6 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Section 11.2.7	References Section changes resulting from response to NRC RAI Letter No. 42. See response to RAI 12.03-12.04-6 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Figure 11.4-1R	Solid Waste Management System Process Diagram Figure changes resulting from response to NRC RAI Letter No. 57. See response to RAI 11.04-4 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Figure 11.4-2R	SWMS Collection Subsystem Figure changes resulting from response to NRC RAI Letter No. 57. See response to RAI 11.04-4 in Detroit Edison Letter NRC3-11-0029, dated August 1, 2011 (ML11215A102) for further information.
Section 11.5.4.5	Offsite Dose Calculation Manual Section changes resulting from response to NRC RAI Letter No. 58. See response to RAI 12.02-7 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Section 12.2.1.5	Other Contained Sources Section changes resulting from response to NRC RAI Letter No. 69. See response to RAI 01-7 in Detroit Edison Letter NRC3-11-0044, dated December 7, 2011 (ML11343A014) for further information.
Section 12.2.2.1	Airborne Releases Offsite Section changes resulting from response to NRC RAI Letter No. 58. See response to RAI 12.02-7 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.

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Table 12.2-19bR	Comparison of Annual Liquid Release Concentrations with 10 CFR 20 Limit Table changes resulting from response to NRC RAI Letter No. 18. See response to RAI 12.02-5 in Detroit Edison Letter NRC3-11-0029, dated August 1, 2011 (ML11215A102) for further information.
Table 12.2-208	Radioactive Sources Used for Radiation Monitoring and Laboratory and Portable Monitoring Instrumentation Table changes resulting from response to NRC RAI Letter No. 69. See response to RAI 01-7 in Detroit Edison Letter NRC3-11-0044, dated December 7, 2011 (ML11343A014) for further information.
Table 12.2-209	Non-Fuel Special Nuclear Material for Use Table changes resulting from response to NRC RAI Letter No. 69. See response to RAI 01-7 in Detroit Edison Letter NRC3-11-0044, dated December 7, 2011 (ML11343A014) for further information.
Section 12.3.1.4.5	Radwaste Building Section changes resulting from response to NRC RAI Letter No. 52. See response to RAI 12.03-12.04-9 in Detroit Edison Letter NRC3-11-0010, dated March 29, 2011 (ML110900094) for further information.
Section 12.3	Radiation Protection Section changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Table 12.3-4R (DELETED)	Area Radiation Monitors for Radwaste Building Table changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Figure 12.3-21R	Radwaste Building Radiation Zones EI -4650 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Figure 12.3-39R	Radwaste Building Area Radiation Monitors EI -9350 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Figure 12.3-40R	Radwaste Building Area Radiation Monitors EI -2350 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Figure 12.3-41R	Radwaste Building Area Radiation Monitors EI -4650 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Table 13.4-201	Operational Programs Required by NRC Regulations Table changes resulting from response to NRC RAI Letter No. 52. See response to RAIs 13.03-62, 13.03-63, and 13.03-64 in Detroit Edison Letter NRC3-11-0010, dated March 29, 2011 (ML110900094) for further information.

Fermi 3 COLA Part 2, FSAR Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Table 13.4-201	Operational Programs Required by NRC Regulations Table changes resulting from response to NRC RAI Letter No. 61. See response to RAI 01-4 in Detroit Edison Letter NRC3-11-0021, dated July 15, 2011 (ML11200A042) for further information.
Table 13.4-201	Operational Programs Required by NRC Regulations Table changes resulting from response to NRC RAI Letter No. 63. See response to RAI 19.03-38 in Detroit Edison Letter NRC3-11-0030, dated August 16, 2011 (ML11229A767) for further information.
Section 13.5.2.2.8	Security Procedures Section changes resulting from response to NRC RAI Letter No. 65. See response to RAI 01-6 in Detroit Edison Letter NRC3-11-0033, dated August 15, 2011 (ML11229A165) for further information.
Section 13.5.2.2.11	Special Nuclear Material (SNM) Material Control and Accounting Procedures Section changes resulting from response to NRC RAI Letter No. 61. See response to RAI 01-4 in Detroit Edison Letter NRC3-11-0021, dated July 15, 2011 (ML11200A042) for further information.
Section 13AA.1.9	Management and Review of Construction Activities Section changes resulting from response to NRC RAI Letter No. 62. See response to RAI 01-5 in Detroit Edison Letter NRC3-11-0027, dated July 13, 2011 (ML11195A330) for further information.
Appendix 13CC	Special Nuclear Material (SNM) Material Control and Accounting Program Description Appendix changes resulting from response to NRC RAI Letter No. 61. See response to RAI 01-4 in Detroit Edison Letter NRC3-11-0021, dated July 15, 2011 (ML11200A042) for further information.
Appendix 13DD	New Fuel Shipping Plan Appendix changes resulting from response to NRC RAI Letter No. 65. See response to RAI 01-6 in Detroit Edison Letter NRC3-11-0033, dated August 15, 2011 (ML11229A165) for further information.
Section 17.4	Reliability Assurance Program During Design Phase Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 17.04-2 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Table 17.5-201	Quality Assurance Activities for FSAR Section and Supporting Activities Table changes resulting from response to NRC RAI Letter No. 26. See response to RAI 17.05-19 in Detroit Edison Letter NRC3-11-0035, dated August 26, 2011 (ML11241A195) for further information.

Fermi 3 COLA Part 4, Tech Specs Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Introduction, Section 4	Pressure and Temperature Limits Report (PTLR) Introduction, Section 4 changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-3 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Introduction, Section 23	Setpoint Control Program Methodology and Implementation Introduction, Section 23 changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-3 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section 3.1.4	Control Rod Scram Times Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-4 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section 5.5.11	Setpoint Control Program (SCP) Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-3 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section 5.5.13	Ventilation Filter Testing Program (VFTP) Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-4 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section 5.6.4	Reactor Coolant System (RCS) PRESSURE AND TEMPERATURE LIMITS REPORT (PTLR) Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-3 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section B 3.1.3	Control Rod OPERABILITY Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-4 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section B 3.1.4	Control Rod Scram Times Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-4 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section B 3.1.7	SLC System Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-4 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section B 3.4.4	RCS P/T Limits, Reference 6 Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-3 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.
Section B 3.7.2	CRHAVS Section changes resulting from response to NRC RAI Letter No. 56. See response to RAI 16-4 in Detroit Edison Letter NRC3-11-0016, dated May 25, 2011 (ML11151A065) for further information.

Fermi 3 COLA Part 5, E-Plan Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Section II.J.7	Protective Action Recommendations and Bases Section changes resulting from response to NRC RAI Letter No. 52. See response to RAI 13.03-61 in Detroit Edison Letter NRC3-11-0010, dated March 29, 2011 (ML110900094) for further information.

Fermi 3 COLA Part 7, Departures Revision Summary (Rev 3 to Rev 4)

Location	Revision Summary
Departure EF3 DEP 11.4-1	Long-Term, Temporary Storage of Class B and C Low-Level Radioactive Waste Departure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Departure EF3 DEP 11.4-1	Long-Term, Temporary Storage of Class B and C Low-Level Radioactive Waste Departure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Exemption	Exemption changes resulting from response to NRC RAI Letter No. 61. See response to RAI 01-4 in Detroit Edison Letter NRC3-11-0021, dated July 15, 2011 (ML11200A042) for further information.

Fermi 3 COLA Part 8, Security Plan Revision Summary (Rev 2 to Rev 3)

Location	Revision Summary
Physical Security Plan	Physical Security Plan Revision 4, Appendix C, Section 8 PSP changes resulting from response to NRC RAI Letter No. 51. See response to RAI 13.06.06-53 in Detroit Edison Letter NRC3-11-0014 and NRC3-11-0013, dated May 24, 2011 (ML11181A007 and ML11153A026) for further information.
Physical Security Plan	Physical Security Plan Revision 4, Figure 1-3 PSP changes resulting from response to NRC RAI Letter No. 51. See response to RAI 13.06.06-53 in Detroit Edison Letter NRC3-11-0014 and NRC3-11-0013, dated May 24, 2011 (ML11181A007 and ML11153A026) for further information.
Physical Security Plan	Physical Security Plan Revision 4, Section 11.2.1 PSP changes resulting from response to NRC RAI Letter No. 51. See response to RAI 13.06.06-53 in Detroit Edison Letter NRC3-11-0014 and NRC3-11-0013, dated May 24, 2011 (ML11181A007 and ML11153A026) for further information.
Physical Security Plan	Physical Security Plan Revision 4, Section 15.1 PSP changes resulting from response to NRC RAI Letter No. 51. See response to RAI 13.06.06-53 in Detroit Edison Letter NRC3-11-0014 and NRC3-11-0013, dated May 24, 2011 (ML11181A007 and ML11153A026) for further information.
Physical Security Plan	Physical Security Plan Revision 4, Section 18 PSP changes resulting from response to NRC RAI Letter No. 51. See response to RAI 13.06.06-53 in Detroit Edison Letter NRC3-11-0014 and NRC3-11-0013, dated May 24, 2011 (ML11181A007 and ML11153A026) for further information.
Physical Security Plan	Physical Security Plan (PSP), Revision 5, Appendix C, Section 5.9 PSP changes resulting from response to NRC RAI Letter No. 66. See response to RAI 13.06.01-55 in Detroit Edison Letters NRC3-11-0039 and NRC3-11-0038, dated September 23, 2011 (ML11270A014 and ML11269A225) for further information.
Physical Security Plan	Physical Security Plan (PSP), Revision 5, Appendix D PSP changes resulting from response to NRC RAI Letter No. 66. See response to RAI 13.06.01-55 in Detroit Edison Letter NRC3-11-0039 and NRC3-11-0038, dated September 23, 2011 (ML11270A014 and ML11269A225) for further information.
Appendix 8A	Cyber Security Plan, Revision 3, March 2011 Appendix changes resulting from response to NRC RAI Letter No. 49. See response to RAI 13.06.06-3 in Detroit Edison Letter NRC3-11-0011, dated March 28, 2011 (Withheld from public disclosure per ML111030543) for further information.
Appendix 8B	Fermi 3 Mitigative Strategies Description and Plans Revision 2, June 2011 Appendix changes resulting from response to NRC RAI Letter No. 59. See response to RAI 19.03-36 in Detroit Edison Letter NRC3-11-0022, dated June 29, 2011 (ML11182A647) for further information.
Appendix 8B	Fermi 3 Mitigative Strategies Description and Plans Revision 3, July 2011 Appendix changes resulting from response to NRC RAI Letter No. 60. See response to RAI 19.03-37 in Detroit Edison Letter NRC3-11-0024, dated July 12, 2011 (ML11196A011) for further information.

Fermi 3 COLA Part 9, SUNSI Revision Summary (Rev 1 to Rev 2)

Location	Revision Summary
Figure 12.3-21R	Radwaste Building Radiation Zones EI -4650 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0034, dated August 24, 2011 (ML11238A049) for further information.
Figure 12.3-39R	Radwaste Building Area Radiation Monitors EI -9350 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Figure 12.3-40R	Radwaste Building Area Radiation Monitors EI -2350 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Figure 12.3-41R	Radwaste Building Area Radiation Monitors EI -4650 Figure changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Appendix 8A	Cyber Security Plan, Revision 3, March 2011 Appendix changes resulting from response to NRC RAI Letter No. 49. See response to RAI 13.06.06-3 in Detroit Edison Letter NRC3-11-0011, dated March 28, 2011 (Withheld from public disclosure per ML111030543) for further information.
Appendix 8B	Fermi 3 Mitigative Strategies Description and Plans Revision 2, June 2011 Appendix changes resulting from response to NRC RAI Letter No. 59. See response to RAI 19.03-36 in Detroit Edison Letter NRC3-11-0022, dated June 29, 2011 (ML11182A647) for further information.
Appendix 8B	Fermi 3 Mitigative Strategies Description and Plans Revision 3, July 2011 Appendix changes resulting from response to NRC RAI Letter No. 60. See response to RAI 19.03-37 in Detroit Edison Letter NRC3-11-0024, dated July 12, 2011 (ML11196A011) for further information.

Fermi 3 COLA Part 10, ITAAC Revision Summary (Rev 2 to Rev 3)

Location	Revision Summary
Section 1	TIER 1 INFORMATION Section changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Table 2.3-1	ITAAC For Emergency Planning, 10.0 Protective Response Table changes resulting from response to NRC RAI Letter No. 52. See response to RAIs 13.03-58 and 13.03-60 in Detroit Edison Letter NRC3-11-0010, dated March 29, 2011 (ML110900094) for further information.
Table 2.3-1	ITAAC For Emergency Planning, 14.0 Exercises and Drills Table changes resulting from response to NRC RAI Letter No. 52. See response to RAI 13.03-57 and 13.03-59 in Detroit Edison Letter NRC3-11-0010, dated March 29, 2011 (ML110900094) for further information.
Table 2.3-1	ITAAC For Emergency Planning, 5.0 Notification Methods and Procedures Table changes resulting from response to NRC RAI Letter No. 52. See response to RAIs 13.03-57 in Detroit Edison Letter NRC3-11-0010, dated March 29, 2011 (ML110900094) for further information.
Table 2.3.2-1R (DELETED)	ARM Locations Table changes resulting from response to NRC RAI Letter No. 4. See response to RAI 11.04-2 in Detroit Edison Letter NRC3-11-0018, dated June 17, 2011 (ML11171A297) for further information.
Section 2.4.2	ITAAC FOR BACKFILL SURROUNDING SEISMIC CATEGORY I STRUCTURES Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Table 2.4.2-1 (DELETED)	ITAAC for Backfill Adjacent to Seismic Category I Structures Table changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-38 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 3.2	License Conditions for Initial Test Program Section changes resulting from response to NRC RAI Letter No. 63. See response to RAI 19.03-38 in Detroit Edison Letter NRC3-11-0030, dated August 16, 2011 (ML11229A767) for further information.
Section 3.4	Seismic Category I Fill Material Limitations Section changes resulting from response to NRC RAI Letter No. 55. See response to RAI 02.05.04-37 in Detroit Edison Letter NRC3-11-0020, dated June 17, 2011 (ML11171A568) for further information.
Section 3.5	Operational Program Implementation Section changes resulting from response to NRC RAI Letter No. 63. See response to RAI 19.03-38 in Detroit Edison Letter NRC3-11-0030, dated August 16, 2011 (ML11229A767) for further information.
Section 3.6	Operational Program Readiness Section changes resulting from response to NRC RAI Letter No. 63. See response to RAI 19.03-38 in Detroit Edison Letter NRC3-11-0030, dated August 16, 2011 (ML11229A767) for further information.

Fermi 3 COLA Part 10, ITAAC Revision Summary (Rev 2 to Rev 3)

Location	Revision Summary
Section 3.7	Emergency Planning Actions Section changes resulting from response to NRC RAI Letter No. 63. See response to RAI 19.03-38 in Detroit Edison Letter NRC3-11-0030, dated August 16, 2011 (ML11229A767) for further information.