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SOUTHERN COMPANY

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10 CFR 52 App. D
10 CFR 50.59

U.S. Nuclear Regulatory Commission
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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Units 3 and 4
Report of 10 CFR 50.59 Changes, Tests and Experiments and
10 CFR 52 Appendix D Departure Report

Ladies and Gentlemen:

This submission is made with regard to the Vogtle Electric Generating Plant, Units 3 and 4, Combined License (COL) numbers NPF-91 and NPF-92, pursuant to the reporting requirements of 10 CFR 50.59(d)(2) and 10 CFR 52, Appendix D, paragraphs X.B.1 and X.B.3.b.

For the period of June 1, 2016 through November 10, 2016, there were no changes, tests or experiments made pursuant to paragraph (c) of 10 CFR 50.59.

The reporting of plant-specific departures required by 10 CFR 52, Appendix D, paragraphs X.B.1 and X.B.3.b. is provided as Enclosure 1 for the period of June 1, 2016 through November 10, 2016.

This letter makes no regulatory commitments. If you have questions, please contact Mr. Wesley Sparkman at 205-992-5061.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

B. H. Whitley

Brian H. Whitley

BHW/GAB/ljs

Enclosure 1: Vogtle Electric Generating Plant (VEGP) Units 3 and 4, Semi-Annual Departure Report for the Period of June 1, 2016 through November 10, 2016

cc:

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Southern Nuclear Operating Company

ND-16-2589

Enclosure 1

Vogtle Electric Generating Plant (VEGP) Units 3 and 4

Semi-Annual Departure Report for the Period of

June 1, 2016 through November 10, 2016

(75 pages, including this cover page)

Departure Number:	LDCR-2014-074	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Design Changes to Address Spent Fuel Pool Cooling System (SFS) Check Valve Inservice Testing (IST)

Brief Description of the Plant-Specific Departure:

The method of IST for the SFS refueling cavity's drain-line check valves is changed to be tested by disassembly and inspection and partial flow per the ASME OM Code ISTC 4.5.4(c). To facilitate the new testing method, two test connections and associated valves are added.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2014-088	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Changes to the Central Chilled Water System (VWS) and the Hot Water Heating System (VYS)

Brief Description of the Plant-Specific Departure:

The capacity of the two VYS pumps is increased to two 100% pumps, each supplying the entire hot water flow required by the system. The size of the two VYS steam-to-hot-water heat exchangers is increased to 31,400,000 BTU per hour. Restricting orifices in the VYS and the VWS are replaced with manual balancing valves.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2014-091	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Changes to Valves and Piping in the Central Chilled Water System (VWS) Low Capacity Subsystem

Brief Description of the Plant-Specific Departure:

The VWS low capacity subsystem piping and flow balancing valves for the Nuclear Island Nonradioactive Ventilation System (VBS) cooling coils are changed. This change incorporates symmetric VWS piping to the VBS cooling coils and provides a balancing valve downstream of each of the cooling coils' discharge three-way valves, and adds a valve on each bypass line.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2014-145	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☒ No ☐
		Unit 3 Amendment No.:	54
		Unit 4 Amendment No.:	54

Departure Title: Consolidation of Uninterruptible Power Supply System Spare Battery Termination Boxes (LAR-15-004)

Brief Description of the Plant-Specific Departure:

The four spare termination boxes serving the Class 1E dc and UPS System (IDS) are replaced by a single spare battery termination box.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3 and 8, Tier 1 (plant-specific DCD) Section 2 and COL Appendix C ITAAC.

Summary of the Evaluation:

This departure involved changes to Tier 1 information, COL Appendix C ITAAC, and Tier 2 information in the UFSAR which involved changes to Tier 1 information; therefore, a License Amendment and Exemption Request (LAR-15-004) was submitted to the NRC.

The NRC approved this License Amendment and Exemption Request and issued License Amendment 54 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2015-011	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Potable Water System (PWS) Piping Diameter Change and Flooding Clarifications

Brief Description of the Plant-Specific Departure:

The piping diameter of a PWS line in the Main Control Room is changed to a one inch line and details related to the Level 1 (Elevation 66'-6") flooding analysis for the Auxiliary Building nonradiologically controlled area are clarified.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3 and 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2015-015	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Normal Residual Heat Removal (RNS) Suction Bonnet Relief Assembly and Isolation Valve Leak Testing Addition

Brief Description of the Plant-Specific Departure:

Two valves are added to create a bonnet relief assembly for the RNS suction valve from the In-Containment Refueling Water Storage Tank (IRWST). In addition, leak testing requirements are added for the RNS Reactor Coolant System Hot Leg Suction valves.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3, 5 and 6.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2015-055	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☒ No ☐
		Unit 3 Amendment No.:	50
		Unit 4 Amendment No.:	50

Departure Title: Diverse Actuation System (DAS) Cabinet Changes (LAR-15-005)

Brief Description of the Plant-Specific Departure:

The design of the DAS is revised to be consistent with the DAS fire-induced spurious actuation (smart fire) and single point failure criteria by the following changes:

- The DAS is revised by reconfiguring the signal processing in the two processor cabinets currently located in the Annex Building and relocating the cabinets to the Auxiliary Building.
- One existing DAS instrument cabinet, located in the Auxiliary Building, is eliminated.
- The DAS processor cabinets, relocated to the Auxiliary Building, are reconfigured to provide signal processing and component actuation in a 2-out-of-2 configuration.
- The electrical distribution configuration is revised so that the DAS cabinets are powered from Uninterruptable Power Supply (UPS) distribution panels located in the Auxiliary Building, that are backed from separate diesel generators.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 7, 17 and 19, Tier 1 (plant-specific DCD) Section 2 and 3, and COL Appendix C ITAAC.

Summary of the Evaluation:

This departure involved changes to Tier 1 information, COL Appendix C ITAAC, and Tier 2 information in the UFSAR which involved changes to Tier 1 information; therefore, a License Amendment and Exemption Request (LAR-15-005) was submitted to the NRC.

The NRC approved this License Amendment and Exemption Request and issued License Amendment 50 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2015-068	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Change in Material for Ductwork, Duct Supports and Accessories

Brief Description of the Plant-Specific Departure:

The design of several heating, ventilation, and air-conditioning (HVAC) systems throughout the plant is changed to using an option of galvanized or stainless steel for ductwork and to an option of galvanized, stainless or coated steel for duct supports and accessories.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2015-083	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Reactor Coolant Pump (RCP) Speed Sensor Preamplifier Enclosures and Power Supplies

Brief Description of the Plant-Specific Departure:

Four RCP speed sensor preamplifiers and power supplies, housed in preamplifier enclosures, are added to process the RCP speed sensor signal.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2015-090	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: UFSAR Chapter 3 Editorial & Clarification for Consistency Changes

Brief Description of the Plant-Specific Departure:

UFSAR (plant-specific DCD), Chapter 3 is revised to make editorial and clarification for consistency changes. The editorial changes correct typographical errors, improve grammar, make minor corrections to figures, update references and update equipment identifications (e.g., tag numbers). The clarification for consistency changes improve reader understanding and correct inconsistencies between different sections of the UFSAR.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2015-122	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Clarifications and Updates to Cobalt Content Restrictions

Brief Description of the Plant-Specific Departure:

The method for addressing exceeding the cobalt limits specified in the UFSAR (plant-specific DCD) is adopted. In addition, clarifications of the existing cobalt impurity levels for specific materials or components are made, and the references to low or zero-cobalt hardfacing materials are removed.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1, 4, 5, 6 and 12.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2015-125	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	49
		Unit 4 Amendment No.:	49

Departure Title: Use of Localized Shoring for Composite Floors and Roof in the Auxiliary Building (LAR-15-020)

Brief Description of the Plant-Specific Departure:

The description of composite structures (floors and roof) is clarified to state that unshored construction applies to composite beams and that local shoring of the metal deck at penetrations and other openings in the floor and supporting wall, or at the location of an incomplete wall, is acceptable.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This departure involved Tier 2* information in the UFSAR, therefore, a License Amendment Request (LAR-15-020) was submitted to the NRC.

The NRC approved this License Amendment Request and issued License Amendment 49 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2015-137	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	51
		Unit 4 Amendment No.:	51

Departure Title: Wall 11 Changes (LAR-15-021)

Brief Description of the Plant-Specific Departure:

The design of Auxiliary Building Wall 11 (wall separating the Auxiliary Building and the Turbine Building First Bay) is changed as follows:

- Remove the upper vent openings near the top of each of the Main Steam Isolation Valve (MSIV) compartment north walls.
- Change the Wall 11 reinforcement detailing and development to conform to ACI 349 and ACI 318 requirements.
- Clarify the high-energy line break (HELB) loadings applicable to the MSIV compartments.

The requirements associated with the use of a seismic Category II building structure as a protective feature for nonseismic events and for HELB events in the nonseismic portion of the Turbine Building are clarified and the classifications associated with missile barriers are identified.

- The seismic Category II, Turbine Building First Bay wall (Wall 11.2) is changed to be credited as a HELB barrier.
- The seismic Category II Turbine Building First Bay building structure, and associated equipment Class D missile barriers are credited to protect openings in Wall 11 from tornado missiles.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This departure involved Tier 2* information, and Tier 2 information in the UFSAR which involved changes to Tier 2* information, therefore, a License Amendment Request (LAR-15-021) was submitted to the NRC.

The NRC approved this License Amendment Request and issued License Amendment 51 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2016-002	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	52
		Unit 4 Amendment No.:	52

Departure Title: Core Reference Report Incorporation (LAR-16-001)

Brief Description of the Plant-Specific Departure:

The AP1000 Core Reference Report (CRR) WCAP-17524-P-A, Revision 1, is incorporated into the VEGP 3&4 Licensing Basis. The CRR makes the following design changes:

- Implementation of the Advanced First Core loading pattern.
- Incorporation of the enhanced Gray Rod Cluster Assembly.
- Minor modifications to the Rod Cluster Control Assembly.
- Incorporation of Robust Protective Grid.
- Modification of the grid strap heights of the mid grids and intermediate flow mixing grids.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1, 4, 6, 12 and 15 and COL Appendix A Technical Specifications.

Summary of the Evaluation:

This departure involved changes to COL Appendix A Technical Specifications, Tier 2* information in the UFSAR (plant-specific DCD) and associated Tier 2 information; therefore, a License Amendment Request (LAR-16-001) was submitted to the NRC.

The NRC approved this License Amendment Request and issued License Amendment 52 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2016-010	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☒ No ☐
		Unit 3 Amendment No.:	56
		Unit 4 Amendment No.:	56

Departure Title: Tier 1 Editorial and Consistency Changes – Package #3 (LAR-16-008)

Brief Description of the Plant-Specific Departure:

This departure involves multiple editorial and consistency changes to Tier 1 (plant-specific DCD) information and to UFSAR (plant-specific DCD) Chapter 17. The scope of these changes includes equipment tag numbers, equipment name, general format and table structure.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 17, Tier 1 (plant specific DCD) Section 2 and 3, and COL Appendix C ITAAC.

Summary of the Evaluation:

This departure involved changes to Tier 1 information, COL Appendix C ITAAC, and Tier 2 information in the UFSAR which involved changes to Tier 1 information; therefore, a License Amendment and Exemption Request (LAR-16-008) was submitted to the NRC.

The NRC approved this License Amendment and Exemption Request and issued License Amendment 56 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2016-016	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Clarification of Soft Controls for Plant Control System (PLS) Components

Brief Description of the Plant-Specific Departure:

The use of soft controls associated with the PLS operator interface is clarified.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 7.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-020	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Chemical and Volume Control System (CVS) Makeup Pump Room and Normal Residual Heat Removal System (RNS) Pump Room Cooling Design Bases

Brief Description of the Plant-Specific Departure:

Fan and cooling coil requirements are changed for the RNS pump room and the CVS makeup pump room unit coolers.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-021	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☒ No ☐
		Unit 3 Amendment No.:	55
		Unit 4 Amendment No.:	55

Departure Title: Passive Core Cooling System (PXS) Design Changes to Address Potential Gas Intrusion (LAR-16-004)

Brief Description of the Plant-Specific Departure:

Completion of the PXS piping layout and routing during design finalization, and completion of the as designed piping analysis and leak-before-break (LBB) evaluation to meet the LBB design criteria described in the UFSAR (plant-specific DCD) resulted in changes to UFSAR Chapter 3 and COL Appendix C ITAAC and associated Tier 1 (plant-specific DCD).

Changes to Containment Air Filtration System (VFS), Normal Residual Heat Removal System (RNS) and PXS piping lines are made.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3, Tier 1 (plant specific DCD) Section 2, and COL Appendix C ITAAC.

Summary of the Evaluation:

This departure involved changes to Tier 1 information, COL Appendix C ITAAC, and Tier 2 information in the UFSAR which involved changes to Tier 1 information; therefore, a License Amendment and Exemption Request (LAR-16-004) was submitted to the NRC.

The NRC approved this License Amendment and Exemption Request and issued License Amendment 55 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2016-022	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Updates to Protection and Safety Monitoring System (PMS) Preoperational Testing Requirements

Brief Description of the Plant-Specific Departure:

The preoperational test requirements for the PMS are revised to clarify how and where reference signals will be applied; and to remove the description of multiplexer cabinets.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1 and 14.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-023	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Equipment Room and Switchgear Room Air Handling Units (AHUs) Component Changes

Brief Description of the Plant-Specific Departure:

In the Annex/Auxiliary Non-Radioactive Ventilation System (VXS), the hot water heating coils with face and bypass dampers are removed from the equipment room and the switchgear room AHUs.

The normal operating temperature range of non-class 1E battery rooms 1 and 2 is changed to 67°F -77°F. The normal operating temperature range of the non-safety electrical penetration rooms is changed to 50°F -85°F.

Electric duct heaters are added to the non-class 1E battery rooms 1 and 2.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-026	**License Amendment:**	Yes ☒ No ☐
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	53
		Unit 4 Amendment No.:	53

Departure Title: Core Makeup Tank Volume (LAR-16-005)

Brief Description of the Plant-Specific Departure:

The minimum volume of each of the Core Makeup Tanks (CMTs) is changed to 2487 cubic feet.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 5, 6 and 14, and COL Appendix A Technical Specifications.

Summary of the Evaluation:

This departure involved changes to COL Appendix A Technical Specifications, and associated Tier 2 information in the UFSAR; therefore, a License Amendment Request (LAR-16-005) was submitted to the NRC.

The NRC approved this License Amendment Request and issued License Amendment 53 to COLs NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively.

Departure Number:	LDCR-2016-027	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Relocation of Containment Isolation Test Connection

Brief Description of the Plant-Specific Departure:

The containment isolation test connection for the Chemical and Volume Control System (CVS) zinc addition line is relocated to outside of containment.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3 and 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-029	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Clarification of Lower Operating Modes Applicable to a Steam Generator Tube Rupture (SGTR) Event

Brief Description of the Plant-Specific Departure:

The UFSAR (plant-specific DCD) is revised to clarify that in lower plant Modes, specifically Mode 4, automatic passive residual heat removal heat exchanger actuation is credited with maintaining margin to steam generator overfill, resulting from a SGTR event.

A statement is added to clarify that a SGTR event is not considered credible in Mode 4, with a reactor coolant system (RCS) temperature below 350°F, or in Modes 5 or 6.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 19.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-031	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Normal Residual Heat Removal System (RNS) Slope and Drain Line

Brief Description of the Plant-Specific Departure:

The design of the RNS is revised to clarify the method of prevention, and mitigation of gas accumulation in the RNS suction line. The self-venting feature of the RNS is clarified, as no manual venting or additional actions are required for acceptable operation of the RNS pumps. Additional editorial changes are also made and a downward slope indicator is added to the RNS pump B suction line on the RNS simplified piping and instrumentation diagram.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1, 5, and 19.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-034	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: UFSAR Chapter 5 and 15 Editorial and Consistency Changes

Brief Description of the Plant-Specific Departure:

UFSAR (plant-specific DCD) Chapters 5 and 15 are revised to make editorial and consistency changes. The editorial changes are non-technical and improve readability by correcting grammar and spelling. The consistency change corrects Reactor Coolant System (RCS) cold leg loop piping labels.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 5 and 15.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-036	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Startup Testing of the Steam Dump Control System

Brief Description of the Plant-Specific Departure:

The change revises the phrase “loss of load controller” to “load rejection steam dump controller” as described in the power ascension test for the steam dump control system, to be consistent with other uses of the component name in the UFSAR.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 14.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-039	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Correct UFSAR References to Technical Specifications Table 1.1-1

Brief Description of the Plant-Specific Departure:

Two subsections in UFSAR (plant-specific DCD) Chapters 15 and 19 are revised to indicate that Table 1.1-1 is located in the Technical Specifications.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 15 and 19.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-041	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Relocation of Radiologically Controlled Area Ventilation System (VAS) and Containment Filtration System (VFS) Air Handling Units (AHUs)

Brief Description of the Plant-Specific Departure:

The VAS fuel handling area supply AHUs are relocated to elevation 158'-0" in the Annex Building. The relocation of these units also changes the air intake to plenum #3.

The list of the systems plenum #2 supplies air for, is revised to include the Health Physics and Hot Machine Shop HVAC System (VHS).

The VFS supply AHUs are relocated to elevation 135'-3" in the Annex Building. This relocation also changes the air intake to plenum #2.

The description of plenum #3, located in the Annex Building, is changed to state that this plenum is not protected from tornado missiles and a reference describing plenum #3 is clarified.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-043	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Clarification of Auxiliary Building Room 12555 and Room 12556 Configuration

Brief Description of the Plant-Specific Departure:

Auxiliary Building Rooms 12555 and 12556 are added as an Environmental Zone 7 areas and the name of Room 12555 is corrected.

The descriptions for Fire Zone 1250 AF 12555 is revised to list Rooms 12555 and 12556 as separate rooms. A similar change is made in UFSAR Chapter 12.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3, 9 and 12.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-044	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Removal of Steam Generator Primary Side Pressure Requirement During Secondary Side Hydrostatic Test

Brief Description of the Plant-Specific Departure:

The description of the steam generator secondary-side hydrostatic test is changed to remove the statement that this test is performed with the primary side pressurized to avoid overstressing the tubesheet.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-045	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Updates to Equipment Hatches and Personnel Airlocks

Brief Description of the Plant-Specific Departure:

The design of the offset of the upper and lower equipment hatch cover from its frame is changed and an inconsistency with the radius from the containment centerline to the outer edge of the equipment hatch barrel is corrected. This departure also changes the design of the personnel airlock door sealing configuration, removes a test penetration, replaces pressure gauges with differential pressure transmitters in the airlock, increases the airlock inner and outer bulkhead thickness, and increases the clearance required for the airlock inner door swing.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-046	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Compressed and Instrument Air System (CAS) Name Correction

Brief Description of the Plant-Specific Departure:

The title of the CAS was changed from the “Compressed Air System” to the “Compressed and Instrument Air System” in a number of locations in the UFSAR (plant-specific DCD).

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3, 6, 9 and 14.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-048	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Consistency Correction for Core Makeup Tank (CMT) Lag Times

Brief Description of the Plant-Specific Departure:

An incorrect statement regarding a CMT injection delay following an actuation is removed from the UFSAR (plant-specific DCD).

The description of the in-containment refueling water storage tank (IRWST) screens, are changed to separate descriptions of the IRWST screens from the containment recirculation screens. Specifically, these changes clarify that the IRWST screens do not have debris curbs, and are not located below the containment floodup level. In addition, it is clarified that the IRWST screens are located 6 inches above the IRWST floor to prevent debris on the floor from entering the lowest levels of the screens.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 6.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-049	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Gaseous Radwaste System (WGS) Design Changes

Brief Description of the Plant-Specific Departure:

Packed stem manual globe valves in the WGS sample package are changed to hermetically sealed manual globe valves.

The normally closed manual globe valve and check valve on the nitrogen purge inlet are relocated to within the boundary of the WGS sample package.

The arrangement of the WGS guard bed and delay beds is revised to move the WGS process stream piping to connect to the sides of the activated charcoal charging ports.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 11.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-050	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Rapid Power Reduction (RPR) System Modifications to Address Loss of a Main Feedwater Pump (MFWP)

Brief Description of the Plant-Specific Departure:

The design of the RPR system is modified to actuate upon a loss of a MFWP.

M-bank control rods are changed to be released upon RPR actuation. The M-bank control rods are either automatically or manually selected.

The RPR system response is clarified to state that the system reduces the thermal power level to that which can be handled by the reactor power control system, in conjunction with the steam dump system.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 4, 7 and 14.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-052	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Containment Recirculation Cooling System (VCS) Changes

Brief Description of the Plant-Specific Departure:

The design of the VCS is changed as follows:

- The automatic start of the standby fan coil units on air discharge temperature from the operating fan coil unit is eliminated.
- Following a reactor shutdown, containment air temperature, rather than outside air temperature, is used by operators to manually realign the Central Chilled Water System (VWS) to the Hot Water Heating System (VYS), if containment temperature is below a predetermined value.
- The VCS components are auto sequenced to load onto the onsite standby diesel generators, if AC power is lost.
- During refueling/shut down operations, the containment volumetric average space temperature is used to control the cooling and heating of containment.
- A low discharge flow condition from each containment recirculation fan unit is monitored and will generate a stop signal to the operating fan, and the standby fan will be started automatically.
- A new pair of containment space temperature sensors is co-located with the existing sensors.
- The time sequence for loading containment recirculation fan A on the onsite standby diesel generator is changed to 360 seconds.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 8 and 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-053	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Post Accident Monitoring (PAM) Instrumentation Range Changes

Brief Description of the Plant-Specific Departure:

The description of the PAM instrumentation is changed as follows:

- The pressurizer pressure instrument range is extended to 1500-2500 psig.
- The displayed control rod position range is changed to 0-264 steps.
- The containment water level range is increased to 72'-11" to 112'-2½ ".
- The Component Cooling Water System (CCS) flow range is increased to 0-20,000 gpm.
- The position indication status for the Automatic Depressurization System (ADS) fourth stage squib valves, the In-Containment Refueling Water Storage Tank (IRWST) injection isolation squib valves, and the containment recirculation isolation squib valves are changed to "Open/Not Open."
- The ADS fourth stage valves and the containment recirculation isolation valves are clarified as squib valves, and Passive Containment Cooling System (PCS) water storage tank isolation valves are clarified as air operated valves.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 7.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-054	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Tag Number Change for Containment Air Filtration System (VFS) Plant Vent Flow Transmitter

Brief Description of the Plant-Specific Departure:

The tag number for the VFS vent flow transmitter is corrected.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-056	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Addition of Acceptable Construction Materials for Main Control Room Emergency Habitability System (VES) Valves

Brief Description of the Plant-Specific Departure:

The acceptable pressure retaining materials used in the construction of valves for the VES is updated to add SA-182 Grades 304, 304L, 316, 316L and SA-217 Grade WC6.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 6.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-057	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Changes to the Containment Air Filtration System (VFS) Piping and Instrumentation Diagram (P&ID)

Brief Description of the Plant-Specific Departure:

Editorial changes to correct tag numbers and flow arrows and to add an abbreviation below a fan are made to the VFS P&ID.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-059	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Changes to Non-Class 1E dc and UPS System (EDS) Protective Devices

Brief Description of the Plant-Specific Departure:

Components of the EDS are modified to accommodate updated load sizes, eliminate unnecessary equipment, increase battery monitoring sensitivity, and maintain sensitivity to electrical fault conditions. The switch and fuse ratings for the EDS dc switchboard buses are changed, the breakers on the Annex Building ac distribution panels are changed, and breakers on the dc distribution panels are deleted. Additional battery monitors are added. The description of how the spare EDS batteries are connected to replace an unavailable train of EDS batteries is clarified. Editorial changes are made to correct component details, correct building names, and resolve inconsistencies between the EDS figures in the UFSAR.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 8.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-061	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Wind Induced Driving Head Test Eliminated from the Initial Test Program

Brief Description of the Plant-Specific Departure:

The pre-operational test requirement to verify the resistance of the Passive Containment Cooling System (PCS) air flow path by measuring the wind induced driving head is eliminated, and a new requirement is established stating that flow resistance of the full-scale PCS air flow path is verified through scale testing and analysis, with a reference to the Westinghouse Computational Fluid Dynamics analysis report.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1, 6 and 14.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-062	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Reactor Vessel Head Vent Changes to Meet ASME Code Service Limits

Brief Description of the Plant-Specific Departure:

Six inch diameter pipe segments are added in series to the existing one inch reactor vessel head vent piping. These pipe segments form part of the reactor coolant pressure boundary and act as force dampening chambers to reduce the hydrodynamic loads on the head vent piping caused by the hydraulic response of the reactor vessel head vent valves opening. Leak before break methodology does not apply to the added six inch piping.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3 and 5.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-063	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Charcoal Efficiency Acceptance Criteria

Brief Description of the Plant-Specific Departure:

The design of the Nuclear Island Nonradioactive Ventilation System (VBS) and the Containment Air Filtration System (VFS) is updated to increase the charcoal adsorber decontamination efficiency to 99%.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-065	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Changes to Allowable Aluminum Inside Containment

Brief Description of the Plant-Specific Departure:

The amount of un-encased aluminum allowed in containment during operating conditions, below the maximum flood level of a design basis loss-of-coolant accident, is changed to a limit of no more than 13.33 square feet of aluminum.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 6.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-069	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Fault Testing Requirements for Fiber Optic Isolation Devices

Brief Description of the Plant-Specific Departure:

A provision from IEEE Std 384-2008, which exempts fiber optic cables from the IEEE Std 384-1981 requirement to perform qualification testing of electrical isolation capability, is adopted.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1, 3 and 7.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-070	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Reactor Coolant Pump (RCP) Bearing Water Temperature Sensor Designation Changes

Brief Description of the Plant-Specific Departure:

The RCP bearing water temperature sensor tag numbers are relocated to the resistance temperature detectors section in two tables within the UFSAR (plant-specific DCD).

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-072	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Reactor Coolant System (RCS) and Connected Systems Clarifications

Brief Description of the Plant-Specific Departure:

The description of the RCS and connected systems in the UFSAR (plant-specific DCD) is revised to make editorial, consistency, and clarification changes.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 5.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-073	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Steam Generator Lower Support Changes

Brief Description of the Plant-Specific Departure:

The lower steam generator horizontal support design is changed to a link bar and extension bar.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-074	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Editorial and Consistency Changes to Equipment Qualification Program Description

Brief Description of the Plant-Specific Departure:

Consistency changes and editorial corrections are made to the equipment qualification program descriptions contained within the UFSAR (plant-specific DCD).

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-075	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Post Accident Monitoring (PAM) Instrumentation Changes

Brief Description of the Plant-Specific Departure:

Valve status information, related to PAM variables, is corrected for consistency with other sections of the UFSAR (plant-specific DCD), and missing information, related to the PAM instrumentation, is added.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3 and 7.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-076	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Passive Core Cooling System (PXS) High Energy Lines

Brief Description of the Plant-Specific Departure:

Four two inch piping lines in the PXS are added downstream of existing one inch PXS piping lines. The four new two inch PXS piping lines are designated as high energy piping.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-077	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Changes to Interior Protective Coatings Fire Protection Requirements

Brief Description of the Plant-Specific Departure:

Flame spread testing requirements for protective coatings are clarified to indicate that testing requirements from Branch Technical Position (BTP) Chemical and Mechanical Engineering Branch (CMEB) 9.5-1, Position C.5.a(9) is used to demonstrate interior protective coatings are noncombustible, instead of using the testing requirements from NFPA 804, as described in Westinghouse WCAP-15871.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1 and 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-078	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Power Range Instrument Power Supply Cable Splitting Location Change

Brief Description of the Plant-Specific Departure:

The Nuclear Instrumentation System (NIS) design is modified to eliminate the power range neutron flux high voltage distribution boxes and associated environmental qualification requirements, and to relocate the power cable splitting function to the cable interface assemblies, located inside the Protection and Safety Monitoring System (PMS) cabinets.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-080	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Containment Flooding Event Description Changes

Brief Description of the Plant-Specific Departure:

The containment flooding event description is revised to clarify that the Residual Heat Removal System (RNS) valve room and the Passive Core Cooling System (PXS)-B room are connected by a passageway and treated as one floodable volume. It is also clarified that the PXS-A compartment contains one RNS containment isolation valve, in addition to one Spent Fuel Pit Cooling System (SFS) containment isolation valve and that there are eight automatically actuated containment isolation valves inside containment that are subject to flooding.

Two editorial changes are made to correct the acronym for the In-Containment Refueling Water Storage Tank (IRWST).

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3 and 19.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-081	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Non-Technical Corrections

Brief Description of the Plant-Specific Departure:

This departure involves changes to the UFSAR (plant-specific DCD) to provide clarification and ensure consistency to improve reader understanding. The changes correct a fire zone number, document title, and delete unnecessary references to a document.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 9, 17, 18 and 19.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-083	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Raceway Systems and Conduit Changes

Brief Description of the Plant-Specific Departure:

The usage of the terms “raceway system” and “raceway” are clarified and an incorrect reference to seismic Category I conduit is corrected.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3, 8 and 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-085	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Ventilation Flow Balancing Clarifications

Brief Description of the Plant-Specific Departure:

The descriptions for the Nuclear Island Nonradioactive Ventilation System (VBS) and Containment Air Filtration System (VFS) exhaust air subsystem are changed to clarify that flow balancing requirements are in accordance with Sheet Metal & Air Conditioning Contractors SMACNA “HVAC Systems – Testing, Adjusting and Balancing” and airflow capacity testing is in accordance with ASME N510 requirements.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-086	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Plant Control System (PLS) Control Rod Drive Mechanism (CRDM) Pre-Operational Testing

Brief Description of the Plant-Specific Departure:

The description of the prerequisites and general test acceptance criteria and methods for the testing of CRDM and digital rod position indication, during PLS testing, are clarified for the initial test program.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 14.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-087	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Control Rod Drive Mechanism (CRDM) Changes

Brief Description of the Plant-Specific Departure:

The description of the joint between the CRDM latch housing and latch housing nozzle is changed to a full penetration bi-metallic weld and it is clarified that the CRDM housings are included as part of the Reactor Coolant System (RCS) hydrotest after they are installed.

Additional clarifications are made to specify that the partial penetration weld located between the latch housing nozzle and the reactor vessel closure head is a partial penetration weld that is dye penetrant tested; and the joint between the latch housing and rod travel housing is a threaded joint with a canopy seal weld.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3, 5 and 15.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-094	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Passive Containment Cooling System (PCS) Level Sensors Description Changes

Brief Description of the Plant-Specific Departure:

The design of the PCS valve room is changed to remove a reference to leak detection sensors and an associated drain sump and describe that the water level instruments in the passive containment cooling water storage tank are relied upon to monitor and detect leakage from the PCS.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-095	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Steam Generator Feedwater Distribution Ring Support Equipment Classification Change

Brief Description of the Plant-Specific Departure:

The steam generator feedwater distribution ring support equipment classification is changed to AP1000 Class C.

The description of the Steam Generator Blowdown System (BDS) is changed to clarify that the blowdown intake is located at the top surface (secondary side) of the tubesheet.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3, 5 and 10.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-098	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: ASME Section III Article NG-2500 and Article NG-5300 Acceptance Criteria Changes

Brief Description of the Plant-Specific Departure:

The description of the nondestructive examination (NDE) of tubular products and fittings for reactor internal and core support material is revised to clarify that the NDE and acceptance standards during fabrication of wrought seamless tubular products and fitting material are in accordance with ASME Code, Section III, Article NG-2500 and the acceptance standards for welding post-assembly are in accordance with the requirements of ASME Code, Section III, Article NG-5300.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 4.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-100	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Rerouting of Exhaust Duct Work to the Plant Vent

Brief Description of the Plant-Specific Departure:

The design of the combined Containment Air Filtration System (VFS)/Health Physics and Hot Machine Shop HVAC System (VHS)/ Radwaste Building HVAC System (VRS) exhaust duct is changed to merge the Radwaste Building exhaust with the Health Physics and Hot Machine Shop and Containment Air Filtration exhaust; reroute the combined VFS/VHS/VRS exhaust duct to run from the Annex Building to the plant vent; and remove a fire damper from the combined VFS/VHS/VRS exhaust duct to the plant vent.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-101	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Polar Crane Changes

Brief Description of the Plant-Specific Departure:

In-service inspection and testing requirements are revised to replace ASME NOG-1 with NUREG-0554 as governing the preoperational inspection and testing of overhead cranes, and to include NUREG-0554, as supplemented by ASME NOG-1, as governing the testing of crane modifications following plant startup.

The codes and standards for overhead heavy load handling systems are revised to add Crane Manufacturers Association of America (CMAA) Specification 70, in addition to ASME NOG-1, for the design of other overhead cranes and hoists handling heavy loads.

The system operation of the polar crane revised to relocate the polar crane's key lock switch to the operators cab, and to state that this key lock switch is capable of locking out control from the hand held remote.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-104	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Active Valve Operability Testing

Brief Description of the Plant-Specific Departure:

The description of active valve operability testing is updated to require the qualification of the functional capability of active valve assemblies is performed in accordance with the requirements of ASME QME-1-2007, prior to service.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-109	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Changes to Environmental Conditions

Brief Description of the Plant-Specific Departure:

This departure involves changes related to equipment qualification and clarification of environment conditions of safety-related equipment, which includes the description of the normal operating environment temperature for room 11504, and the maximum post-accident temperature in the middle annulus impacting Zone 7 accident environments.

Additionally, a small loss of coolant accident, passive residual heat removal system use (long term), Reactor Coolant System (RCS) depressurization via pressurizer safety valve, and spurious Automatic Depressurization System (ADS) actuation are clarified as events that are considered for abnormal Group 2 conditions but only based upon vapor conditions (neglecting submergence and radiation).

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-110	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Hot Water Heating System (VYS) Changes

Brief Description of the Plant-Specific Departure:

The capacity of the two VYS heat exchangers is changed to 16,800,000 Btu/hr for each unit.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-112	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: In-core Instrument Thimble Assembly (IITA) Tubes Classification Changes

Brief Description of the Plant-Specific Departure:

The equipment description for the In-core Instrumentation System (IIS) Guide Tubes is changed to IITA Tubes. The IITA Tubes are reclassified as non-safety Class D, Seismic Category II and a principal construction code of Manufacturer Std.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-113	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: UFSAR Chapter 6 Editorial/Consistency Changes

Brief Description of the Plant-Specific Departure:

Various editorial and/or consistency changes are made to correct typographical errors, update incorrect references, and improve reader understanding within UFSAR (plant-specific DCD) Chapter 6.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 6.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-114	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Egress Door Change between the Turbine Building Non-1E Battery and Charger Rooms

Brief Description of the Plant-Specific Departure:

A 3-hour fire rated door is added between the battery room and battery charger room (rooms 21581 and 21582, respectively) located in the Turbine Building First Bay, at elevation 135'-3". The new door opens into the battery charger room.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 1 and 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-120	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Safety Classification Changes for Mechanical Handling System (MHS) Components

Brief Description of the Plant-Specific Departure:

The equipment classification of the polar crane and cask handling crane of the MHS is changed to nonsafety-related equipment Class D. The seismic classification of both cranes remains Seismic Category I. Information is added to describe the polar crane and cask handling crane as meeting the NRC-accepted single failure proof requirements of topical report EDR-1-P-A. Usage of the term “safety related” is replaced with “hoisting and braking” with respect to how the requirements of NUREG-0554, supplemented by ASME NOG-1, are implemented in the design of the polar crane and cask handling crane.

Additionally, the design function and important-to safety function of the MHS is clarified.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapters 3 and 9.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-121	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Environmentally Qualified Electrical and Mechanical Equipment Changes

Brief Description of the Plant-Specific Departure:

Voltage Control Boxes (VCBs) are added to the input power supply of several solenoid operated valves in the Primary Sampling System (PSS), Reactor Coolant System (RCS) and Main Control Room Emergency Habitability System (VES).

The operating time for the reactor vessel head vent valves and associated solenoid operators is changed to 1 year.

The breaker auxiliary switch status for Main Feed Pumps A, B and C are removed from the list of environmentally qualified electrical and mechanical equipment and the list of safety-related electrical and mechanical equipment not high frequency sensitive

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.

Departure Number:	LDCR-2016-125	**License Amendment:**	Yes ☐ No ☒
		Exemption:	Yes ☐ No ☒
		Unit 3 Amendment No.:	N/A
		Unit 4 Amendment No.:	N/A

Departure Title: Cross Section Detail Changes for Exterior Containment Vessel (CV) Seals

Brief Description of the Plant-Specific Departure:

The material used for the CV external seal is changed to a flexible elastomeric material, preformed for a two inch by two inch concrete block-out. The bond breaker tape or ceramic felt underneath the seal material is eliminated.

This departure resulted in changes to UFSAR (plant-specific DCD) Chapter 3.

Summary of the Evaluation:

This plant-specific departure did not result in a modification, addition to, or removal of a structure, system, or component (SSC) such that a design function is adversely affected, has no impact on plant operating procedures or a method of control that adversely affects a design function, does not result in an adverse change to a method of evaluation or use of an alternate method of evaluation, does not represent tests or experiments outside the reference bounds of the design basis, and does not alter the assumptions or results of the ex-vessel severe accident assessment.

This departure did not involve a change to Tier 1 information, Tier 2* information or the Technical Specifications. A 10 CFR 52 Appendix D, Section VIII screening/simplified evaluation determined that NRC approval was not required prior to implementing this departure.