



#### September 16, 2016

U.S. Nuclear Regulatory Commission

Attn: Document Control Desk Washington, D.C. 20555-0001

Re: Florida Power & Light Company

Proposed Turkey Point Units 6 and 7 Docket Nos. 52-040 and 52-041

Roadmap of Changes in Combined License Application - Revision 8

#### References:

- 1. FPL Letter L-2009-144 to NRC, dated June 30, 2009, Application for Combined License for Turkey Point Units 6 and 7
- FPL Letter L-2016-164 to NRC, dated August 26, 2016, Combined License Application Submittal 16, Submittal of the Annual Update of the COL Application -Revision 8, and the Semi-Annual Update of the Departures Report

Florida Power & Light Company (FPL) submitted a Combined License (COL) Application for two AP1000 pressurized water reactor units to be located at the Turkey Point site, designated Turkey Point Units 6 and 7, located in Miami-Dade County, FL on June 30, 2009 (Reference 1).

FPL submitted Revision 8 of the COL Application for Turkey Point Units 6 and 7 on August 26, 2016 (Reference 2). Enclosed is a "Roadmap" of the changes included in Revision 8 along with an explanation of the information contained in the Roadmap. This information is provided to assist the staff in their review of the COL Application revision.

If you have any questions, or need additional information, please contact me at 561-904-3793.

Sincerely,

Steve Franzone

Licensing Manager - New Nuclear Projects

SMF/GRM/ETC

Enclosure: Turkey Point Units 6 and 7 Roadmap of Changes in Combined License

**Application Revision 8** 

CC:

PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO Regional Administrator, Region II, USNRC

Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4

D097

Florida Power & Light Company

Proposed Turkey Point Units 6 and 7 Docket Nos. 52-040 and 52-041 L-2016-177 Enclosure Page 1 of 45

# **Enclosure**

# Turkey Point Units 6 and 7 Roadmap of Changes in Combined License Application Revision 8

# (45 Total Pages)

Explanation by Column in Roadmap					
Column	Explanation				
Change Item#	Unique identifier for tracking purposes				
Change to Chapter #	Identifies the Chapter revised for the specified Part				
Rev Bar Location	Table/Appendix/Paragraph/Section, etc.				
Specific Location	Section or Subsection and page revised				
Change Summary	Short description of the change				
Bases for Change	The source of the change				

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4384	01.0	Table	1.1-201 (Sheet 3 of 8), page 1.1- 7, 1st rev bar	Revised: acronym definition from 'inspections, tests, or analyses' to 'inspection, tests, analyses and aceptance criteria'	Editorial change to include acronym/definition of ITAAC
ERA4385	01.0	Section	1.4.2.8.12, page 1.4-3, 1st rev bar	Revised: Added 'and to address technical issues identified with the certified design'	Editorial change to description of Westinghouse contractor support for Turkey Point Units 6 & 7 COLA
ERA4386	01.0	Section	1.4.2.8.13, page 1.4-4, 1st rev bar	Revised: Company title from 'Environmental & Infrasture, Inc' to 'Foster Wheeler'	Editorial change of subcontractor name - AMEC Environmental & Infrastructure, Inc. to AMEC Foster Wheeler.
ERA4387	01.0	Table	1.6-1R, page 1.6-2, 1st rev bar	Added: Updated table for submittal of PTN DEP 6.4-1	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 2)
ERA4388	01.0	Table	1.6-201, page 1.6-3, 1st rev bar	Revised: Emergency Plan Revision from Rev 4 to Rev 7	COLA Rev. 7 Errata – Correction to Revision No./Document Date of Radiological Emergency Plan
ERA4389	01.0	Table	1.8-201 (Sheet 2 of 6), page 1.8- 3, 1st rev bar	Revised: Updated table for submittal of PTN DEP 3.2-1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 1)
ERA4390	01.0	Table	1.8-201 (Sheet 3 of 6), page 1.8- 4, 1st rev bar	Revised: Updated table for submittal of PTN DEP 6.2-1	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment - PTN DEP 6.2-1 (Enclosure 3, Item 1)
ERA4391	01.0	Table	1.8-201 (Sheet 3 of 6), page 1.8- 4, 2rd rev bar	Revised: Updated table for submittal of PTN DEP 6.3-1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 6.3-1 (Enclosure 8, Attachment 1, Item 1)
ERA4392	01.0	Table	1.8-201 (Sheet 3 of 6), page 1.8- 4, 3th rev bar	Revised: Updated table for submittal of PTN DEP 6.4-1	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 1)
ERA4393	01.0	Table	1.8-201 (Sheet 4 of 6), page 1.8- 5, 1st rev bar	Revised: Updated table for submittal of PTN DEP 6.4-1	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6,4-1 (Enclosure 3, Attachment 1, Item 1)

			waster Affectea Document i	Report (Sorted by, COL - PART, Change to Chapt# and Specifi	c Location)
Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4394	01.0	Table	1.8-201 (Sheet 5 of 6), page 1.8- 6, 1st rev bar	Revised: Updated table for submittal of PTN DEP 6.4-1	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 1)
ERA4395	01.0	Table	1.8-201 (Sheet 5 of 6), page 1.8- 6, 2nd rev bar	Revised: Updated table for submittal of PTN DEP 6.4-2	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 1)
ERA4396	01.0	Table	1.8-201 (Sheet 6 of 6), page 1.8- 7, 1st rev bar	Revised: Updated table for submittal of PTN DEP 7.3-1	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 1)
ERA4397	01.0	Section	1.9.4.2.2, page 1.9-5, 1st rev bar	Revised: DCD Action Plan Item A-31 for submittal of PTN DEP 3.2-1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 2)
ERA4398	01.0	Section	1.9.4.2.3, page 1.9-5 thru 6, 2nd rev bar	Revised: AP1000 Response for Issue 83 for submittal of PTN DEP 6.4-1	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 3)
ERA4399	01.0	Section	1.9.5.1.5, page 1.9-8, 1st rev bar	Revised: Updated for submittal of PTN DEP 3.2-1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 3)
ERA4400	01.0	Appendix	Appendix 1AA (RG 1.52), page 1AA-3, 1st rev bar	Revised: Position on RG 1.52 based on submittal of PTN DEP 6.4-1	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 4)
ERA4405	02.0	Section	2.5.4.10.8, page 2.5.4-117, 1st rev bar	Revised: "will be" to "is"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4696	02.0	Section	2.5.4.10.8, page 2.5.4-117, 2nd rev bar	Revised to read: "diaphragm walls (the Grouted Zone) is grouted using a multi-stage grouting program; this results in any remaining voids in this zone being structurally insignificant. For the zone between El. –60 feet and El.–110 feet within the diaphragm walls (the Extended Grouted Zone), grouting is conducted"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4406	02.0	Section	2.5.4.12, page 2.5.4-124, 1st rev bar	Deleted: "Given the depths of structure foundations and the subsurface conditions that occur at those depths, as shown in part on Figures 2.5.4-221 and 2.5.4-222, special ground improvement measures are not warranted."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4697	02.0	Section	2.5.4.12, page 2.5.4-124, 2nd rev bar	Added: "(accomplished by grouting)" and "Additionally, grouting is used to constrain the size of potential voids, as described in Subsection 2.5.4.4.5.5"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4698	02.0	Section	2.5.4.12, page 2.5.4-124, 3rd rev bar	Revised: "will be" to "is"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4699	02.0	Section	2.5.4.12, pg 2.5.4-124,4th rev bar an pg 2.2.4-125, 1st rev bar	Added: "As described in Subsection 2.5.4.4.5.5, the zone between EI. –35 feet and EI. –60 feet (the Grouted Zone) is grouted according to the grout closure criteria that are developed as part of the grout test program, therefore resulting in any remaining voids in this zone being structurally insignificant. In addition, for the zone between EI. –60 feet and EI. –110 feet (the Extended Grouted Zone), grouting is performed in every primary grout borehole. Primary grout boreholes are spaced less than or equal to 20 feet on center, therefore constraining the maximum undetected void size to approximately 20 feet."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4407	02.0	Reference	2.5.4.13, page 2.5.4-136, 1st rev bar	Added: Reference 328	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4669	02.0	Section	2.5.4.4.5.5, page 2.5.4-65 1st rev bar	Revised text: "grouting program is considered in the determination of constrained void sizes. The zone between El. –35 feet and El. –60 feet within the diaphragm walls (the Grouted Zone) is grouted according to the grout closure criteria (for individual grout stages and for completed areas of the Grouted and Extended Grouted Zones) that are developed"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4401	02.0	Section	2.5.4.4.5.5, pg 2.5.4-65 2nd rev bar, pg 2.5.4-66 1st rev bar	Revised text: "permeability of the Grouted Zone). This grouting results in any remaining voids having an insignificant impact on the stability of Category I structure foundations (or are structurally insignificant) The grouting ITAAC are provided in Part 10 of the COL Application in Appendix B Table 3.8-6 and are discussed in Subsection 14.3.3.6."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4402	02.0	Section	2.5.4.5.1.2, page 2.5.4-69, 1st rev bar	Revised text: "consists of concrete fill) and a mix is selected that achieves the mechanical properties used for the design analyses. The compressive strength of 1.5 ksi is chosen for concrete fill."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4671	02.0	Section	2.5.4.5.1.2, page 2.5.4-69, 2nd rev bar	Added text: "The ITAAC set of actions and criteria established for this foundation construction (concrete fill compressive strength and methods to control thermal cracking) activity are necessary and sufficient to provide reasonable assurance that, when met, the stability of Category I structure foundations is in conformance with the combined license. Specifically, successful concrete fill ITAAC execution ensures that the concrete fill placed underneath Seismic Category I structures meets the specifications in ACI 207.1R-05. The concrete fill ITAAC are provided in Part 10 of the COL Application in Appendix B Table 3.8-5 and are discussed in Subsection 14.3.3.5."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4672	02.0	Section	2.5.4.5.1.2, page 2.5.4-70, 1st rev bar	Added text: "The ITAAC set of actions and criteria established for this foundation construction (concrete fill compressive strength and methods to control thermal cracking) activity are necessary and sufficient to provide reasonable assurance that, when met, the stability of Category I structure foundations is in conformance with the combined license. Specifically, successful concrete fill ITAAC execution ensures that the concrete fill placed underneath Seismic Category I structures meets the specifications in ACI 207.1R-05. The concrete fill ITAAC are provided in Part 10 of the COL Application in Appendix B Table 3.8-5 and are discussed in Subsection 14.3.3.5."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4403	02.0	Section	2.5.4.6.2, page 2.5.4-80, 1st rev bar	No change from Revision 7, revision bar is a result of an internal anomaly during the review.	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4677	02.0	Section	2.5.4.6.2, pg 2.5.4-80, 2nd rev bar and pg 2.5.4-81 1st Rev bar	Added text: "Part 10 of the COL Application in Appendix B Table 3.8-6 provides an ITAAC that when successfully executed will result in any remaining voids between El. –35 feet and El. –60 feet being structurally insignificant and any remaining voids between El. –60 feet and El. –110 feet having a maximum equivalent spherical diameter of equal to or less than 20 feet, which is accomplished by the grout program. The elevation range from El. –35 feet to El. –60 feet is called the "Grouted Zone." The elevation range from El. –60 feet to El. –110 feet is called "the Extended Grouted Zone."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4678	02.0	Section	2.5.4.6.2, pg 2.5.4-81, 2nd Rev bar	Added text: "for the Grouted Zone"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4679	02.0	Section	2.5.4.6.2, pg 2.5.4-81, 3rd Rev bar	Added text: "The term "grout borehole" refers to holes drilled for grouting operations and does not necessarily mean that physical samples will be obtained and geologically describedVerification borings meeting the residual hydraulic conductivity criteria will be backfilled with grout.  For primary grout boreholes in the Grouted Zone, individual grout stages will be grouted to grout stage closure criteria. The grout stage closure criteria will be developed based on results of the grout test program."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4680	02.0	Section	2.5.4.6.2, pg 2.5.4-81, 5th Rev bar	Revised: "Quarternary" to "Quaternary".	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4681	02.0	Section	2.5.4.6.2, pg 2.5.4-81, 6th Rev bar	Deleted: "Apparent Lugeon value (hydraulic conductivity)"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4682	02.0	Section	2.5.4.6.2, pg 2.5.4-81, 7th Rev bar	Revised: "grouted zone" to "Grouted Zone"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4683	02.0	Section	2.5.4.6.2, pg 2.5.4-82, 1st Rev bar	Added text: "The water pressure test results from verification borings and grout takes from the primary grout boreholes will be evaluated to determine the need for secondary grout boreholes The Extended Grouted Zone will have a different residual hydraulic conductivity requirement than the Grouted Zone, as the purpose of grouting the Extended Grouted Zone is to constrain maximum undetected void size, not to reduce the hydraulic conductivity of the rock mass."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
OL - PA	RT 02 - FSA	R		**************************************	
ERA4404	02.0	Section	2.5.4.6.2.1, page 2.5.4-83, 1st rev bar	Added: "grout" (4 instances), Deleted: "water pressure testing and"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
RA4686	02.0	Section	2.5.4.6.2.1, page 2.5.4-83, 2nd rev bar	Replaced: "boring" with "grout boreholes"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4687	02.0	Section	2.5.4.6.2.1, page 2.5.4-84, 1st rev bar	Revised: "grouted zone" to Grouted Zone" and "extended zone" to "Extended Grouted Zone"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4688	02.0	Section	2.5.4.6.2.1, page 2.5.4-84, 2nd rev bar	Added text: 'This classifies the concrete exposure to sulfate attack as Class 2 exposure according to ACI 201.2R-08 (Reference 323). The amount of grout pumped into potential voids is expected to be minimal (no physical evidence indicating large voids), and variable across the site. Stability"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4689	02.0	Section	2.5.4.6.2.1, page 2.5.4-84, 3rd rev bar	Deleted text: "water pressure tested" and replaced text: "Primary and secondary grout" with "Grout"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4690	02.0	Section	2.5.4.6.2.1, page 2.5.4-84, 4th rev bar	Revised text to read: "the grouting intensity method pressure- volume curves from Lombardi (Reference 328) in combination with more traditional industry practice"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4691	02.0	Section	2.5.4.6.2.1, page 2.5.4-84, 5th rev bar	Deleted: "and experience from similar projects"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4692	02.0	Section	2.5.4.6.2.1, page 2.5.4-84, 6th rev bar	Revised text to read: "use of the pressure-volume curves and evaluating the grout travel distance. Additionally, target pressures will be evaluated from the perspective of a potential hydraulic fracture in the grouted rock and the peak allowable grouting pressure will be established for the site."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4684	02.0	Section	2.5.4.6.2.1, pg 2.5.4-82, 2nd Rev bar	Added text: "and to determine the grout closure criteria for individual grout stages and for completed areas of the Grouted and Extended Grouted Zones."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4693	02.0	Section	2.5.4.6.2.1, pg 2.5.4-84, 7th rev bar and pg 2.5.4-85, 1st rev bar	Deleted: "Apparent Lugeon values," in bullet 4. Revised the first three sentences in bullet 5 to read: 'For primary grout boreholes in the Grouted Zone,available boring data, and the target residual permeability.	

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4694	02.0	Section	2.5.4.6.2.1, pg 2.5.4-85, 2nd rev bar and pg 2.5.4-85, 1st rev bar	Revised second and third sentence in last bullet to read: "Acceptance criteria for a completed area of the Grouted Zone will be based on water pressure testing performed in verification borings. For example, a target area residual hydraulic conductivity of 10 Lugeons or less is generally reasonable."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4695	02.0	Section	2.5.4.6.2.1, pg 2.5.4-85, 3rd rev bar and pg 2.5.4-85, 1st rev bar	Revised text in last sentence in last bullet: "extended zone will not have a residual hydraulic conductivity" to "Extended Grouted Zone will have a different residual hydraulic conductivity"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4408	03.0	Section	3.1, page 3.1-1, 1st rev bar	Revised: Section 3.1 from "reference with no departures or supplements" to "reference with the following departures and/or supplements"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 1, Item 5)
ERA4409	03.0	Section	3.1.2, page 3.1-1, 1st rev bar	Inserted: "3.1.2 Protection by Fission Productsmain control room emergency habitability system (VES)."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 6)
ERA4420	03.0	Table	3.11-1R (Sheet 1 of 4), page 3.11- 3, 1st rev bar	Inserted: Table 3.11-1R	Editorial Change to add "(Sheet 1 of 4)" to existing Table 3.11-1R - PTN DEP 3.11-1
ERA4421	03.0	Table	3.11-1R (Sheet 2 of 4), page 3.11- 4, 1st rev bar	Inserted: Table 3.11-1R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 6)
ERA4422	03.0	Table	3.11-1R (Sheet 3 of 4), page 3.11- 5, 1st rev bar	Inserted: Table 3.11-1R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 6)
ERA4423	03.0	Table	3.11-1R (Sheet 4 of 4), page 3.11- 6, 1st rev bar	Inserted: Table 3.11-1R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 6)

Section Section	3.5.2, page 3.5-5, 1st rev bar  3.5.2, page 3.5-5, 2nd rev bar  3.5.2, page 3.5-5, 3rd rev bar	Inserted: "up to approximately 193 feet above grade."  Deleted: The effective widthswith Reference 201."	4, Items 1 and 2) [RAI 03.05.03-34]  FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional
Section	3.5.2, page 3.5-5, 1st rev bar 3.5.2, page 3.5-5, 2nd rev bar	Inserted: "up to approximately 193 feet above grade."  Deleted: The effective widthswith Reference 201."	of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 4)  FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]  FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]  FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional
Section	3.5.2, page 3.5-5, 2nd rev bar	Deleted: The effective widthswith Reference 201."	Supplemental Submittal to NRC Request for Additional Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]  FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]  FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional
			Supplemental Submittal to NRC Request for Additional Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]  FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional
Section	3.5.2, page 3.5-5, 3rd rev bar	Inserted: "Shear ductility isbehavior is maintained."	Supplemental Submittal to NRC Request for Additional
			Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]
Section	3.5.2, page 3.5-6, 1st rev bar	Inserted: "Reference 202"	FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]
Section	3.5.5, page 3.5-7, 1st rev bar	Updated: Reference 202 to revision 4	FPL Letter L-2016-119 dated May 25, 2016; Supplemental Submittal to NRC Request for Additional Information Letter No. 64 (eRAI 6544) Related to SRP Section 03.05.03 - Barrier Design Procedures (Enclosure 4, Items 1 and 2) [RAI 03.05.03-34]
Table	3.7.3-1R (Sheet 1 of 2), page 3.7- 13, 1st rev bar	Inserted: Table 3.7.3-1R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 2)
Table	3.7.3-1R (Sheet 2 of 2), page 3.7- 14, 1st rev bar	Inserted: Table 3.7.3-1R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (-PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 2)
		13, 1st rev bar  Table 3.7.3-1R (Sheet 2 of 2), page 3.7-	13, 1st rev bar  Table 3.7.3-1R (Sheet 2 of 2), page 3.7- Inserted: Table 3.7.3-1R

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4415	03.0	Figure	3.8.2-1R, page 3.8-3, 1st rev bar	Inserted: Figure 3.8.2-1R	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 3, Attachment 1, Item 5)
ERA4416	03.0	Table	3.9-12R, page 3.9-20, 1st rev bar	Inserted: Table 3.9-12R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 3)
ERA4417	03.0	Table	3.9-16R (Sheet 1 of 2), page 3.9- 21, 1st rev bar	Inserted: Table 3.9-16R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 4)
ERA4418	03.0	Table	3.9-16R (Sheet 2 of 2), page 3.9- 22, 1st rev bar	Inserted: Table 3.9-16R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 4)
ERA4419	03.0	Table	3.9-17R , page 3.9-23, 1st rev bar	Inserted: Table 3.9-17R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 5)
ERA4424	03.0	Figure	3D, page 3D-1, 1st rev bar	Revised: the figure label	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (Enclosure 3, Attachment 1, Item 7)
ERA4425	03.0	Figure	3D.5-1R, page 3D-2, 1st rev bar	Inserted: Figure 3D.5-1R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 8)
ERA4426	03.0	Section	3l, page 3l-1, 1st rev bar	Editorial: change	Editorial Change to indicate Departures/Supplements for Appendix 3I

Change Item#_	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
OL - PA	RT 02 - FSA	R			
ERA4427	03.0	Table	3l.6-2R, page 3l-2, 1st rev bar	Inserted: Table 3I.6-2R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 9)
FRA4428	03.0	Table	3l.6-3R (Sheet 1 of 2), page 3l-3, 1st rev bar	Inserted: Table 3I.6-3R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 10)
ERA4429	03.0	Table	3l.6-3R (Sheet 2 of 2), page 3l-4, 1st rev bar	Inserted: Table 3I.6-3R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 10)
ERA4749	03.0	Figure	3JJ-216, page 3JJ-45, 1st rev bar	Inserted: Figure 3JJ-216	FPL Letter L-2016-107 dated May 9, 2016; Endorsemen of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 3, Attachment 1, Item 5)
ERA4750	03.0	Figure	3JJ-217, page 3JJ-46, 1st rev bar	Inserted: Figure 3JJ-217	FPL Letter L-2016-107 dated May 9, 2016; Endorsemen of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 3, Attachment 1, Item 5)
ERA4751	03.0	Figure	3JJ-219, page 3JJ-48, 1st rev bar	Inserted: Figure 3JJ-219	FPL Letter L-2016-107 dated May 9, 2016; Endorsemer of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 3, Attachment 1, Item 5)
ERA4752	03.0	Figure .	3JJ-220, page 3JJ-49, 1st rev bar	Inserted: Figure 3JJ-220	FPL Letter L-2016-107 dated May 9, 2016; Endorsemen of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 3, Attachment 1, Item 5)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4435	05.0	Section	5.4.11.2, page 5.4-3, 1st rev bar	Added: Updated Section for submittal of PTN DEP 3.2-1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 7)
ERA4436	05.0	Section	5.4.14.1, page 5.4-3 thru 4, 1st rev bar	Revised: Updated based on submittal of PTN DEP 3.2-1 and PTN DEP 6.3-1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 and PTN DEP 6.3-1 (Enclosure 8, Attachment 1, Item 8)
ERA4434	05.0	Section	5.4.5.2.1, page 5.4-1 thru 2, 1st rev bar	Added: Based on submittal of PTN DEP 3.2-1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 6)
ERA4456	06.0	Figure	6.3.1R (Sheet 3 of 3), page 6.3- 16, 1st rev bar	Added: Figure 6.3-1R (Sheet 3 of 3)	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 22)
ERA4437	06.0	Section	6.2.4.5.1, page 6.2-1 thru 2, 1st rev bar	Added: Subsection 6.2.4.5.1 Preoperational Inspection and Testing	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment - PTN DEP 6.2-1 (Enclosure 3, Item 2)
ERA4438	06.0	Section	6.3.1.1.1, page 6.3-1 thru 11, 1st rev bar	Added or revised the followwing Subsections: 6.3.1.1.1, 6.3.1.1.4, 6.3.1.1.6, 6.3.1.2, 6.3.1.2.1, 6.3.1.3, 6.3.2.1, 6.3.2.1.1, 6.3.2.2.5, 6.3.2.2.7, 6.3.2.2.7, 1, 6.3.2.2.7.2, 6.3.2.8, 6.3.3, 6.3.3.2.1.1, 6.3.3.4.1. Emergency Core Decay Heat RemovalThis allows it to function as a heat sink for greater than 14 days, as discussed in Subsection 6.3.1.2.1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 and PTN DEP 6.3-1 (Enclosure 8, Attachment 1, Item 9)
ERA4454	06.0	Figure	6.3.1R (Sheet 1 of 3), page 6.3- 14, 1st rev bar	Added: Figure 6.3-1R (Sheet 1 of 3)	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 22)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4455	06.0	Figure	6.3.1R (Sheet 2 of 3), page 6.3- 15, 1st rev bar	Added: Figure 6.3-1R (Sheet 2 of 3)	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 22)
ERA4457	06.0	Section	6.4, page 6.4-1, 1st rev bar	Added text	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 7)
ERA4458	06.0	Section 6.4.2.2, page 6.4-1 thru 3, 2nd rev bar	Added or revised text for the followinng Subsections: 6.4.2.2 (6th paragraph), 6.4.2.3 (1st paragraph), and 6.4.2.6.  "In the unlikely event that power to the nuclear island	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis -	
				nonradioactive ventilation system is unavailable for more than 72 hours, MCR habitability is maintained by operating one of the two MCR ancillary fans to supply outside air to the MCR suchThe main control room and its location in the plant are shown in DCD Figure 12.3-1."	PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 11)  FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 8)
ERA4461	06.0	Section	6.4.3.2, page 6.4-4 thru 5, 1st rev bar	Added text for Subsection 6.4.3.2 (1st and 5th paragraphs), "6.4.3.2 Emergency ModeThe occupied zone is considered to be the area between the raised floor and 7 ft. above the floor, which encompasses the reactor operator and senior reactor operator consoles."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 9)
					FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 13)
ERA4463	06.0	Section	6.4.4, page 6.4-5 thru 6, 2nd rev bar	Added text for Subsection 6.4.4	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change
				Doses were determined for the following design basis:(Accident-initiated iodine spike) 2.0 rem TEDE}	Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 10)
		•			FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 14)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			-
ERA4465	06.0	Section	6.4.5.1, page 6.4-9, 1st rev bar	Added text for Subsections 6.4.5.1 and 6.4.5.3.  "Temperatures within the MCR where the operators are located are verified byand Appendix C, Table C-1, of Reference 1 with a pressure dew point of 40°F or lower at 3400 psig or greater."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 15)
ERA4467	06.0	Section	6.4.8, page 6.4-10, 1st rev bar	Added: Reference 201	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 17)
ERA4468	06.0	Section	6.4-2R, page 6.4-11, 1st rev bar	Added: Table 6.4-2R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 11)
ERA4469	06.0	Table	6.4-3R, page 6.4-12, 1st rev bar	Added: Table 6.4-3R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6,4-2 (Enclosure 3, Attachment 1, Item 18)
ERA4470	07.0	Section	7.2, page 7.2-1, 1st rev bar	Revised text to read: This section of the referenced DCD is incorporated by reference with the following departures and/or supplements.}	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (Enclosure 3, Attachment 1, Item 19)
ERA4471	07.0	Figure	7.2-1R (Sheet 1 of 2), page 7.2-2, 1st rev bar	Added: Figure 7.2-1R (Sheet 1 of 2)	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 2)
ERA4472	07.0	Figure	7.2-1R (Sheet 2 of 2), page 7.2-3, 1st rev bar	Added: Figrure 7.2-1R (Sheet 2 of 2)	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 20)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			<del></del>
ERA4473	07.0	Section	7.3 and 7.3.1.2.14, page 7.3-1, 1st rev bar	Revised Subsection 7.3 to read: This section of the referenced DCD is incorporated by reference with the following departures and/or supplements.  Added: Subsection 7.3.1.2.14 Boron Dilution Block	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 (Enclosure 3, Attachment 1, Items 3 and 4)
					FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 12)
ERA4476	07.0	Section	7.3.1.2.17, page 7.3-2 thru 3, 1st rev bar	Added: Subsection 7.3.1.2.17 Main Control Room Isolation, Air Supply Initiation, and Electrical Load De-Energization	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 12)
					FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 21)
ERA4478	07.0	Table	7.3-1R (Sheet 1 of 2), page 7.3-4, 1st rev bar	Added: Table 7.3-1R (Sheet 1 of 2)	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 5)
ERA4480	07.0	Table	7.3-1R (Sheet 2 of 2), page 7.3-5, 1st rev bar	Added: Figue 7.3-1R (Sheet 2 of 2)	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 22)
					FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 5)
ERA4481	07.0	Table	7.3-2R, page 7.3-6, 1st rev bar	Added: Figure 7.3-2R	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item [6])

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4482	07.0	Table	7.3-3R, page 7.3-7, 1st rev bar	Added: figure 7.3-3R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis — PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 23)
ERA4483	07.0	Section	7.4, pages 7.4-1 and 7.4-2, 1st rev bar	Added: Text for Subsections 7.4 and 7.4.1.1	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design (Enclosure 8, Attachment 1, Item 21)
ERA4485	07.0	Table	7.5-1R, page 7.5-2, 1st rev bar	Added: Table 7.5-1R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 24)
ERA4486	07.0	Table	7.5-7R, page 7.5-3, 1st rev bar	Added: Table 7.5-7R	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 25)
ERA4487	09.0	Section	9.1.3.7, page 9.1-1, 1st rev bar	Added: left hand margin annotation to Section 9.1.3.7 Instrumentation Requirements	FPL Letter L-2016-046 dated March 10, 2016; Supplemental Response to NRC Request for Additional Information Letter No. 58 (eRAI 6434) - Concerning Implementation of Fukushima Near-Term Task Force Recommendations (Added LMA PTN SUP 9.1-1)
ERA4488	09.0	Section	9.2.6.1.1, page 9.2-3, 1st rev bar	Inserted: "Section 9.2.6.1.1 Safety Design Basisemergency habitability system as described in Section 6.4."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 13)
ERA4489	09.0	Section	9.3.1.1.2, page 9.3-1, 1st rev bar	Inserted: "Section 9.3.1.1.2 Power Generationmain control room habitability system."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis — PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 26)
ERA4490	09.0	Section	9.3.6.3.7, page 9.3-1, 1st rev bar	Inserted: "Section 9.3.6.3.7 Chemical and Volumn Controlremote shutdown workstation."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 7)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4491	09.0	Section	9.3.6.4.5.1, page 9.3-2, 1st rev bar	Inserted: "Section 9.3.6.4.5.1 Boron Dilution Eventsclosed to prevent inadvertent boron dilution."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 8)
ERA4492	09.0	Section	9.3.6.7, page 9.3-2, 1st rev bar	Inserted: "Section 9.3.6.7 Instrumentation Requirementsshutdown workstation provide manual control for these valves."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 9)
ERA4493	09.0	Section	9.4.1.1.1, page 9.4-1, 1st rev bar	Inserted: "Section 9.4.1.1.1 Safety Design Basisemergency habitability system as described in Section 6.4."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 14)
ERA4495	09.0	Section	9.4.1.1.2, page 9.4-1 thru 2, 1st rev bar	Inserted: "Section 9.4.1.1.2 Power Generationmaximum normal site ambient temperature."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 27)
ERA4494	09.0	Section	9.4.1.1.2, page 9.4-1, 1st rev bar	Inserted: "Section 9.4.1.1.2 Power Generationdetected in the main control room supply air duct."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 15)
ERA4496	09.0	Section	9.4.1.2.1.1, page 9.4-2, 1st rev bar	Inserted: "Section 9.4.1.2.1.1High-2 particulate or iodine radioactivity concentrations."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 16)
ERA4497	09.0	Section	9.4.1.2.3.1, page 9.4-2 thru 3, 1st rev bar	Inserted: "Section 9.4.1.2.3.1 Main Control Room/Controlclosing the supply, return, and toilet exhaust isolation valves."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 17)
ERA4498		Section	9.4.1.2.3.1, page 9.4-3, 1st rev bar	Inserted: "Abnormal Plant Operationwhich is a Seismic Category structure."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 28)

Change Item#_	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4499	09.0	Figure	9.4.1-1R, page 9.4-7, 1st rev bar	Inserted: Figure 9.4.1-1R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 18)
ERA4500	09.0	Table	9.5.1-1R, page 9.5-20, 1st rev bar	Inserted: "Table 9.5.1-1RAP1000 Fire Protection Program Compliance with BTP CMEB 9.5-1"	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 6.3-1 (Enclosure 8, Attachment 1, Item 23)
ERA4501	11.0	Section	11.1, page 11.1-1, 1st rev bar	Inserted: "This section and/or supplements."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 1, Item 19)
ERA4502	11.0	Table	11.1-4R, page 11.1-2, 1st rev bar	Inserted: "PTN DEP 6.4-1 Table 11.1-4R"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 20)
ERA4503	11.0	Table	11.1-5R, page 11.1-3, 1st rev bar	Inserted: "PTN DEP 6.4-1 Table 11.1-5R"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 21)
ERA4504	11.0	Table	11.1-6R, page 11.1-4, 1st rev bar	Inserted: "PTN DEP 6.4-1 Table 11.1-6R"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 22)
ERA4505	11.0	Section	11.5.1.1, page 11.5-1, 1st rev bar	Inserted: "PTN DEP 6.4-1 Initiate main control room In the main control room supply air (High-2)."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 23)
ERA4506	. 11.0	Section	11.5.2.3.1, page 11.5-1 thru 2, 1st rev bar	Inserted: "PTN DEP 6.4-1 When predetermined setpoints are exceeded on High-2 particulate or iodine concentrations."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 24)

	tandalari ayan ayan ayan ee saab		Master Affected Document R	eport (Sorted by, COL - PART, Change to Chapt# and Specific	Location)
Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R	, _		
ERA4507	12.0	Section	12.2.1.3, page 12.2-3, 1st rev bar	Inserted: "PTN DEP 6.4-1 12.2.1.3.1 Containment Source strengths are provided in Table 12.2-21."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 25)
ERA4509	12.0	Section	12.2.1.3.2, page 12.2-3 thru 4, 1st rev bar	Inserted: "PTN DEP 6.4-1 12.2.1.3.1 Containment integrated source strengths are provided in Table 12.2-202."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 25)
ERA4510	12.0	Table	12.2-201 (Sheet 1 of 2), page 12.2-5, 1st rev bar	Inserted: "PTN DEP 6.4-1 Table 12.2-201 (Sheet 1 of 2)."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 26)
ERA4511	12.0	Table	12.2-201 (Sheet 2 of 2), page 12.2-6, 1st rev bar	Inserted: "PTN DEP 6.4-1 Table 12.2-201 (Sheet 2 of 2)."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 26)
ERA4512	12.0	Table	12.2-202, page 12.2-7, 1st rev bar	Inserted: "PTN DEP 6.4-1 Table 12.2-202."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 27)
ERA4513	12.0	Section	12.3.2.2.7, page 12.3-1, 1st rev bar	Inserted: "PTN DEP 6.4-1 The design basis filtration unit being shielded."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 28)
ERA4514	12.0	Figure	12.3-1R, page 12.3-7, 1st rev bar	Inserted: "PTN DEP 6.4-1 9. Blowdown Piping Leakage of 300 gpd." [Inserted Withheld SRI Figure 12.3-1R with note number 9 which is a revision to note number 9 of DCD SRI Figure 12.3-1.]	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 29)
ERA4515	14.0	Section	14.2.9.1.6, page 14.2-23 thru 24, 1st rev bar	Inserted: "Section 14.2.9.1.6 Main Control Room Emergencywould not be exceeded for 72 hours."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 29)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4516	14.0	Section	14.3.3.5, page 14.3-5, 1st rev bar	Inserted: "The ITAAC set of actions and criteria establishedfoundation bearing material over the life of the plant."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4700	14.0	Section	14.3.3.5, page 14.3-5, 1st rev bar	Inserted: "The ITAAC set of actions and criteria establishedconformance with the combined license.	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4701	14.0	Section	14.3.3.5, page 14.3-5, 2nd rev bar	Revised: from "Specifically, proper ITAAC are specified to ensure the first lift of" to "Specifically, successful concrete fill ITAAC execution ensures that the first lift of concrete fill material"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4702	14.0	Section	14.3.3.5, page 14.3-5, 3rd rev bar	Revised: "Additionally, the ITAAC have been developed to ensure that the static and dynamic properties of the material will be the same as, or better" to "Successful concrete fill ITAAC execution also ensures that the static and dynamic properties of the material are the same as, or better"	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4517	14.0	Section	14.3.3.6, page 14.3-6, 1st rev bar	Inserted: "Section 14.3.3.6 ITAAC for Category 1voids in the Extended Grouted Zone is equil to or less than 20 feet."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4518	14.0	Table	14.3-2R (Sheet 1 of 4), page 14.3- 7, 1st rev bar	Inserted: Table 14.3-2R (Sheet 1 of 4)	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 24)
ERA4519	14.0	Table	14.3-2R (Sheet 2 of 4), page 14.3- 8, 1st rev bar	Inserted: Table 14.3-2R (Sheet 2 of 4)	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 24)
ERA4520	14.0	Table	14.3-2R (Sheet 3 of 4), page 14.3- 9, 1st rev bar	Inserted: Table 14.3-2R (Sheet 3 of 4)	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 10)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4521	14.0	Table	14.3-2R (Sheet 4 of 4), page 14.3- 10, 1st rev bar	Inserted: Table 14.3-2R (Sheet 4 of 4)	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 1, Item 10)
ERA4522	14.0	Table	14.3-7R (Sheet 1 of 2), page 14.3- 11, 1st rev bar	Inserted: Table 14.3-7R, Sheet 1 of 2	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 1, Item 30)
ERA4523	14.0	Table	14.3-7R (Sheet 2 of 2), page 14.3- 12, 1st rev bar	Inserted: Table 14.3-7R, Sheet 2 of 2	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 30)
ERA4525	15.0	Section	15.0.11.6 and 15.0.03 , page 15.0-2, 1st rev bar	Added: Subsection 15.0.11.6 ANC Computer Code and Subsection  Revised: Subsection 15.0.13 OPERATOR ACTIONS	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Items 32)  FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment
					Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 25)
ERA4524	15.0	Section	15.0.11.1, page 15.0-1, 1st rev bar	Added: Subsection 15.0.11.1 FACTRAN Computer Code	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 31)
ERA4527	15.0	Table	15.0-2R, page 15.0-4, 1st rev bar	Added: Table 15.0-2R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 33)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			<del></del>
ERA4528	15.0	Section	15.1, 15.1.5.4.1, and 15.1.5.4.6, pages 15.1-1 and 15.1-2, 1st rev bar	Revised Section 15.1 text "This section of the referenced DCD is incorporated by reference with the following departures and/or supplements."  Revised: Fourth and last paragraphs of Subsection 15.1.5.4.1	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 1, Items 34, 35, and 36)
				Revised: Subsection 15.1.5.4.6	
ERA4531	15.0	Table	15.1.5-1R, page 15.1-3, 1st rev bar	Added: Table 15.1.5-1R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 37)
ERA4532	15.0	Section	15.2 and 15.2.6.1, page 15.2-1, 1st rev bar	Revised Section 15.2 text "This section of the referenced DCD is incorporated by reference with the following departures and/or supplements."	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment
				Added: New third paragraph in Subsection 15.2	Condensate Return Cooling Design- PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Items 26 and 27)
				Revised: Fourth paragraph of Subsection 15.2.6.1	
ERA4534	15,0	Section	15.3 and 15.3.3.3.1, page 15.3-1, 1st rev bar	Revised Section 15.3 text "This section of the referenced DCD is incorporated by reference with the following departures and/or supplements."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure
				Revised: Last paragrphs of Subsection 15.3.3.3.1	3, Attachment 1, Items 38 and 39)
ERA4536	15.0	Table	15.3-3R, page 15.3-2, 1st rev bar	Added: Table 15.3-3R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 40)
ERA4537	15.0	Section	15.4, pages 15.4-1thrru 15.4-11, 1st rev bar	Revised Section 15.4 text "This section of the referenced DCD is incorporated by reference with the following departures and/or supplements."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure
				Revised: Text in Subsections 15.4.8.1.1.3, 15.4.8.1.2, 15.4.8.2, 15.4.8.2.1, 15.4.8.2.1.1, 15.4.8.2.1.2, 15.4.8.2.1.3, 15.4.8.2.1.4, 15.4.8.2.1.5 (1st paragraph), 15.4.8.2.1.7, 15.4.8.2.1.8 (1st paragraph), 15.4.8.2.1.9 (1st paragraph), 15.4.8.3 (first two paragraphs), 15.4.8.3.1, 15.4.8.3.5 (second bullet), 15.4.8.3.6 (1st paragraph).	3, Attachment 1, Items 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, and 58, )
				Revised: References 4, 7, 8, 10, and 13 and added: References 14 through 27 in Subsection 15.4.10.	

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4651	15.0	Figure	15.4.8-1R, page 15.4-17, 1st rev bar	Added: Figure 15.4.8-1R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 62)
ERA4652	15.0	Figure	15.4.8-2R, page 15.4-18, 1st rev bar	Added:,Figure 15.4.8-2R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 63)
ERA4653	15.0	Figure	15.4.8-3R, page 15.4-19, 1st rev bar	Added: Figure 15.4.8-3R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 64)
ERA4654	15.0	Figure	15.4.8-4R, page 15.4-20, 1st rev bar	Added: Figure 15.4.8-4R (Not Used)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 65)
ERA4555	15.0	Table	15.4-1R Sheet 1 of 2), page 15.4- 12, 1st rev bar	Added: Table 15.4-1R (Sheet 1 of 2)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 59)
ERA4557	15.0	Table	15.4-3R, page 15.4-14, 1st rev bar	Added: Table 15.4-3R (Not Used)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 60)
ERA4558	15.0	Table	15.4-4R (Sheet 1 of 2), page 15.4- 15, 1st rev bar	Added: Table 15.4-4R (Sheet 1 of 2)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 61)
ERA4559	15.0	Table	15.4-4R (Sheet 2 of 2), page 15.4- 16, 1st rev bar	Added: Table 15.4-4R (Sheet 2 of 2)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 61)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R		<del></del> <del></del>	
ERA4655	15.0	Section	15.6, pages 15.6-1 thru 15.6-4, 1st rev bar	Revised: Subsections 15.6.2.6 (1st paragraph), 15.6.3.3.1 (last paragraph), 15.6.3.3.6 (first two paragraphs), Subsection 15.6.3.5 (2nd and 4th paragraphs), 15.6.5.3.8.1 (2nd paragraph), and 15.6.5.3.8.2 (1st paragraph)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Items 66, 67, 69,
				Added: Last two paragraphs of Subsection 15.6.5.3.2, last paragraph of Subsection 15.6.5.3.7.3, and Reference 35 in Subsection 15.6.6	70, 71, 72, and 73)
ERA4663	15.0	Table	15.6.2-1R, page 15.6-5, 1st rev bar	Added: Table 15.6.2-1R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 74)
ERA4664	15.0	Table	15.6.3-3R, page 15.6-6, 1st rev bar	Added: Table 15.6.3-3R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 75)
ERA4665	15.0	Table	15.6.5-2R (Sheet 1 of 3), page 15.6-7, 1st rev bar	Added: Table 15.6.5-2R (Sheet 1 of 3)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 76)
ERA4666	15.0	Table	15.6.5-2R (Sheet 2 of 3), page 15.6-8, 1st rev bar	Added: Table 15.6.5-2R (Sheet 2 of 3)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 76)
ERA4667	15.0	Table	15.6.5-2R (Sheet 3 of 3), page 15.6-9, 1st rev bar	Added: Table 15.6.5-2R (Sheet 3 of 3)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 76)
ERA4668	15.0	Table	15.6.5-3R, page 15.6-10, 1st rev bar	Added: Table 15.6.5-3R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 77)
ERA4560	15.0	Section	15.7.4.5, page 15.7-1, 1st rev bar	Revised: Subsection 15.7.4.5 (1st paragraph)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 78)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4561	15.0	Table	15.7-1R, page 15.7-2, 1st rev bar	Added: Table 15.7-1R	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 79)
ERA4562	15.0	Section	15A.3.1.2, page 15A-1, 1st rev bar	Revised: Subsection 15A.3.1.2 (1st paragraph)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 80)
ERA4563	15.0	Section	15B, page 15B-1, 1st rev bar	Revised Section 15B text "This section of the referenced DCD is incorporated by reference with the following departures and/or supplements."  Revised: Subsection 15B.1 (2nd paragraph)	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 1, Item 81)
ERA4565	19.0	Section	19.41, page 19.41-1, 1st rev bar	Revised text for Section 19.41 to read: This section of the referenced DCD is incorporated by reference with the following departures and/or supplements.  Added: Subsection 19.41.7	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment (Enclosure 3, Items 3 and 4)
ERA4567	19.0	Table	19.59-18R, page 19.59-8, 1st rev bar	Added: Table 19.59-18R	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 6.3-1 (Enclosure 8, Attachment 1, Item 28)
ERA4573	19.0	Section	19E.4.10.2, page 19E-3 thru 5, 1st rev bar	Added text: "19E.4.10.2 Shutdown Temperature EvaluationThis duration of closed-loop cooling can be achieved with expected RCS leak rates. For abnormal leak rates, it may become necessary to initiate open-loop cooling earlier than 14 days."	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 and PTN DEP 6.3-1(Enclosure 8, Attachment 1, Item 29)
ERA4574	19.0	Table	19E.4.10-1R, page 19E-6, 1st rev bar	Added: Table 19E.4.10-1R	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 31)

Change	Change to	Rev Bar			
Item#	Chapt#	Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 02 - FSA	R			
ERA4575	19.0	Figure	19E.4.10-1R, page 19E-7, 1st rev bar	Added: Figure 19E.4.10-1R	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 32)
ERA4576	19.0	Figure	19E.4.10-2R, page 19E-8, 1st rev bar	Added: Figure 19E.4.10-2R	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3,2-1 (Enclosure 8, Attachment 1, Item 32)
ERA4577	19.0	Figure	19E.4.10-3R, page 19E-9, 1st rev bar	Added: Figure 19E.4.10-3R	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 32)
ERA4578	19.0	Figure	19E.4.10-4R, page 19E-10, 1st rev bar	Added: Figure 19E.4.10-4R	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 1, Item 32)
ERA4572	19.0	Section	Subsection 19E.2.7.2, pages 19E- 2, 1st rev bar	Added text: "19E.2.7.2 Design Features to Address Shutdown SafetyThe three-way pump suction control valve aligns th makeup pumps to take suction from the boric acid tank and, therefore, stops the dilution."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEF 7.3-1 (Enclosure 3, Attachment 1, Item 11)
ERA4569	19.0	Section	Subsections 19E and 19E.2.3.2.6, pages 19E-1 and 19E-2, 1st rev bar	Added Text: "This section of the referenced DCD is incorporated by reference with the following departures and/or supplementsAnalysis is provided in Subsection 19E.4.10.2 of this appendix that verifies the ability of theAP1000 passive safety systems to meet the safe shutdown requirements."	FPL Letter L-2016-107 dated May 9, 2016; Endorsemen of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design (Enclosure 8, Attachment 1, Item 29)

COL - PART 04 - TECHNICAL SPECIFICATIONS

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA SPECIFIC	RT 04 - TEC CATIONS	HNICAL			
ERA4595		Tech Bases	3.3.2 - ACTION K.1, page B 3.3.2 - 58, 1st rev bar	Revised: from "Condition K is applicable to the MCR Isolation, and Air Supply Initiation (Function 20), during"  To "Condition K is applicable to the Main Control Room Isolation, and Air Supply Initiation and Electrical Load De-energization (Function 20), during"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 6)
ERA4593		Tech Bases	3.3.2 - ACTIONS F.1, F.2.1, F.2.2 , page B 3.3.2 - 56, 1st rev bar	Revised: from "Condition F is applicable to the Main Control Room (MCR) isolation and air supply initiation function	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 6)
ERA4589		Tech Bases	3.3.2 - APPLICABLE SAFETY ANALYSES, page B 3.3.2 - 36, 1st rev bar	Revised: from "15. Boron Dilution Block The block of boron dilution is accomplished by closing the CVS suction valves to demineralized water storage tanks and aligning the boric acid tank to the CVS makeup pumps. This Function is actuated by Source Range Neutron Flux Doubling and Reactor Trip." To "15. Boron Dilution Block The block of boron dilution is accomplished by closing the CVS makeup line isolation valves or closing the demineralized water system isolation valve to CVS. This Function is actuated by Source Range Neutron Flux Doubling and Reactor Trip."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 3)
ERA4748		Tech Bases	3.3.2 - APPLICABLE SAFETY ANALYSES, page B 3.3.2 - 36 2nd rev bar	Revised: from "flux doubling). This Function is not applicable in MODES 4 and 5 if the demineralized"  To "flux doubling). This Function is not applicable in MODES 3, 4 and 5 if the demineralized"	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 3)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	RT 04 - TEC CATIONS	HNICAL			
ERA4747		Tech Bases	3.3.2 - APPLICABLE SAFETY ANALYSES, page B 3.3.2 - 37 2nd rev bar	Revised: from "used. On a coincidence of excessively increasing source range neutron flux in two of the four divisions, demineralized water is isolated from the makeup pumps and reactor coolant makeup is isolated from the reactor coolant"  To "used. On a coincidence of excessively increasing source range neutron flux in two of the four divisions, demineralized water is isolated (CVS demineralized water system isolation valves closed) from the makeup pumps and reactor coolant makeup is isolated (CVS makeup line isolation valves closed) from the reactor coolant"	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 3)
ERA4733		Tech Bases	3.3.2 - ESFAS Function 15, page B 3.3.2 - 36 , 1st rev bar	Revised: from "15.b. Reactor Trip (Function 18.b) Demineralized Water Makeup is also isolated by all the Functions that initiate a Reactor Trip. The isolation requirements for these Functions are the same as the requirements are not repeated in Table 3.3.2-1. Instead Function 18.b, (P-4 Reactor Trip Breakers), is referenced for all initiating Functions and requirements." To "15.b. Reactor Trip (Function 18.b) Demineralized Water Makeup is also isolated (CVS demineralized water system isolation valves closed and the boric acid aligned to the CVS makeup pumps) by all Isolation of RCS makeup from the CVS by closing the demineralized water system isolation valves, and aligning the CVS makeup pump suction to the boric acid tank. Unborated water source makeup isolation is initiated by all the Functions that initiate a Reactor Trip."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 3)
ERA4591		Tech Bases	3.3.2 - ESFAS Function 18, page B 3.3.2 - 43, 1st rev bar	Inserted: "18.d. Reactor Coolant Average Temperature, P-8 The P-8 interlock is provided to permit a manual block of or to reset a manual block of the automatic Source Range Neutron Flux Doubling actuationin MODES 3, 4 and 5, if the demineralized water makeup flow path is isolated. In MODE 6, a dilution event is precluded by the requirement in LCO 3.9.2 to close, lock and secure at least one valve in each unborated water source flow path." and renumbered the items following the insertion."	Errata to FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 3) [Function 18.d]

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PART 04 - TECHNICAL SPECIFICATIONS					*
ERA4732		Tech Bases	3.3.2 - ESFAS Function 18, page B 3.3.2 - 43, 1st rev bar	Revised: from "18.c. Intermediate Range Neutron Flux. P-6 The Intermediate Range Neutron Flux, P-6 interlock is actuated when the respective NIS intermediate range channel increases to approximately one decade above the channel lower range limit Below the setpoint, the P-6 interlock automatically unblocks the flux doubling function, permitting the block of boron. Normally, this- Function is blocked by the main control room operator during reactor startup. This Function is required to be OPERABLE in MODE 2."  To  "18.c. Intermediate Range Neutron Flux. P-6 The Intermediate Range Neutron Flux, P-6 interlock is actuated when the respective NIS intermediate range channel increases to approximately one decade above the channel lower range limit. Above the setpoint, the P-6 interlock allows manual block of the source range neutron f lux reactor trip. Below the setpoint, the P-6 interlock automatically unblocks Flux doubling Function is blocked by the main control room operator during reactor startup. This Function is required to be OPERABLE in MODE 2." and renumbered the items following the insertion."	Errata to FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 3) [Function 18.c]
ERA4590		Tech Bases	3.3.2 - ESFAS Function 18, page B 3.3.2 - 44, 1st rev bar	Renumbered the items following the insertion.	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 3)
ERA4592		Tech Bases	3.3.2 - ESFAS Function 20, page B 3.3.2 - 46, 1st rev bar	Revised: from "Main Control Room Isolation, and Air Supply Initiation, Isolation of the main control room and initiation of the air supply provides a protected environment from which operators can control the plant following an uncontrolled release of radioactivity. This Function isrequired to be OPERABLE in MODES 1, 2, 3, and 4, and during movement of irradiated fuel because of the potential for a fissionproduct release following a fuel handling accident, or other DBA. 20.a. Control Room Air Supply Radiation — High 2"  To  "Main Control Room Isolation, Air Supply Initiation, and Electrical Load De-energization Isolation of the main control room and initiation of the VES air supply provides a breathable air supply for the operators following an uncontrolled release of radiation. De-energizing non-essentialbecause of the potential for a fission product release following a fuel handling accident, or other DBA.  20.a. Main Control Room Air Supply Radiation — High 2"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 5)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PART 04 - TECHNICAL SPECIFICATIONS					
ERA4579		Tech Spec	3.3.2 - Required Action F.2.2, page 3.3.2 - 2, 1st rev bar	Revised: from "Verify control room isolation, and air supply initiation manual controls are OPERABLE."  To "Verify main control room isolation, air supply initiation and electrical load de-energization manual controls are OPERABLE."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 1)
ERA4594		Tech Bases	3.3.2- ACTIONS J.1 and J.2, page B 3.3.2 - 58, 1st rev bar	Revised: from "Condition J applies to the P-6, P-11, P-12, and P-19 interlocks."  To "Condition J applies to the P-6, P-8, P-11, P-12, and P-19 interlocks."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 4)
ERA4596		Tech Bases	3.3.3 - LCO 11, page B 3.3.3 - 4, 1st rev bar	Inserted: "The condensate is returned to the IRWST via a gutter and downspouts, including left margin annotation of PTN DEP 3.2-1"	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 2, Item 2)
ERA4597		Tech Bases	3.4.10 - APPLICABLE SAFETY ANALYSES, page B 3.4.10 - 2, 1st rev bar	Revised: from "The safety analysis assumes the specific activity of the secondary coolant at its limit of 0.1µCi/gm DOSE EQUIVALENT I-131 from LCO 3.7.4, "Secondary Specific Activity."  To "The safety analysis assumes the specific activity of the secondary coolant at its limit of 0.01 µCi/gm DOSE EQUIVALENT I-131 from LCO 3.7.4, "Secondary Specific Activity."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 2)
ERA4598		Tech Bases	3.5.4 - BACKGROUND, page B 3.5.4 - 1, 1st rev bar	Inserted: "In order to preserve the IRWST water for long-term PRHR HX operation, downspouts and a gutter are provided to collect and return water to the IRWST that has condensed on the inside surface of the containment shell. During normal plant operation, any water collected by the downspouts or gutter is directed to the normal containment sump, including left margin annotation of PTN DEP 3.2-1"	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 2, Item 3)
ERA4599		Tech Bases	3.5.4 - SR 3.5.4.7, page B 3.5.4 - 7, 1st rev bar	Inserted: "This surveillance requires visual inspection of the IRWST gutter and downspout screens to verify that the return flow to the IRWST will not be restricted by debris. A frequency of 24 months is adequate, since there are no known sources of debris with which the gutter or downspout screens could become restricted., including left margin annotation of PTN DEP 3.2-1"	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 2, Item 4)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PART 04 - TECHNICAL SPECIFICATIONS					
ERA4600		Tech Bases	3.7.4 - APPLICABLE SAFETY ANALYSES, page B 3.7.4 - 1, 1st rev bar	Revised: from "(Ref. 1) assumes the initial secondary coolant specific activity to have a radioactive isotope concentration of 0.1 μCi/gm DOSE EQUIVALENT I-131"  To "(Ref. 1) assumes the initial secondary coolant specific activity to have a radioactive isotope concentration of 0.01 μCi/gm DOSE EQUIVALENT I-131"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 3)
ERA4746	`	Tech Bases	3.7.4 - LCO, page B 3.7.4 - 1, 2nd rev bar	Revised: from "secondary coolant is required to be ≤0.1µCi/gm DOSE"  To "secondary coolant is required to be ≤0.01 µCi/gm DOSE"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 3)
ERA4728		Tech Spec	3.7.6 - ACTIONS, page 3.7.6 - 1, 1st rev bar	Inserted: "D. Air temperature in one or more required rooms not within limitand renumbered the items following the insertion."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis-PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 3)
ERA4586		Tech Spec	3.7.6 - ACTIONS, page 3.7.6 - 1, 1st rev bar	Inserted: "B. One PMS division inoperable in MCR Load-Shed Panel(s)and renumbered the items following the insertion."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis-PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 3)
ERA4730		Tech Spec	3.7.6 - ACTIONS, page 3.7.6 - 2, 1st rev bar	Renumbered: Due to insertion of "B. One PMS division inoperable" renumbered the items following the insertion.	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis-PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 3)
ERA4729		Tech Spec	3.7.6 - ACTIONS, page 3.7.6 - 3, 1st rev bar	Renumbered: Due to insertion of "B. One PMS division inoperable" renumbered the items following the insertion	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis-PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 3)
ERA4605		Tech Bases	3.7.6 - ACTIONS, page B 3.7.6 - 7, 1st rev bar	Inserted: "B.1 If one division of MCR load shed panel(s) is inoperable, all divisions of both MCR load shed panels must be restored to OPERABLE status within 7 days. In this condition, the OPERABLE unaffected division of the panels is capable of providing 100% of the load shed function. A Completion Time of 7 days is permitted maintaining the full load shed function. An event or action that impacts both PMS divisions in either panel does not maintain the full load shed function, and Condition G or H of LCO 3.7.6 would apply." And renumbered the items following the insertion."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PART 04 - TECHNICAL SPECIFICATIONS					
ERA4737		Tech Bases	3.7.6 - ACTIONS, page B 3.7.6 - 8, 2nd rev bar	Inserted: "D.1 When the air temperature in one or more of the rooms requiring temperature monitoring is not within the required limit, action is required to restore it to within the limit. A Completion Time of 24 hours is based on engineering judgment, considering the low probability of an accident that would require VES actuation under the worst case temperature conditions. It is judged to be a sufficient amount of time allotted to correct the deficiency in the non-safety ventilation system before shutting down". And renumbered the items following the insertion."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4738		Tech Bases	3.7.6 - ACTIONS, page B 3.7.6 - 9, 1st rev bar	Renumbered the items following the insertion.	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4603		Tech Bases	3.7.6 - APPLICABLE SAFETY ANALYSES, page B 3.7.6 - 4, 2nd rev bar	Revised: from "Operation of the VES is automatically initiated by the following safety related signal: • high-2 particulate or iodine radioactivity. In the event of a loss of all AC power, the VES functions to provide ventilation, pressurization, and cooling of the MCRE pressure boundary. In the event of a high level of gaseous radioactivity outside of the MCRE, the VBS continues to operate to provide pressurization and filtration functions. The MCRE air supply downstream of the filtration units is monitored by a safety related radiation detector."  To "Operation of the VES is automatically initiated by either of the following safety related signals: •.Control Room Air Supply lodine or Particulate Radiation — High-2 • Loss of all AC power for more than 10 minutes In the event that a High-1 radioactivity setpoint value is reached, the non-safety VBS realigns to supplemental filtration mode, providing MCRE pressurization, cooling, and filtration."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 5)
ERA4604		Tech Bases	3.7.6 - LCO, page B 3.7.6 - 5, 1st rev bar	Revised: from "The VES is considered OPERABLE when the individual components necessary to deliver a supply of breathable air to the MCRE are OPERABLE. This includes components listed in SR 3.7.6.3 through 3.7.6.10. In addition,"  To "The VES is considered OPERABLE when the individual components necessary to deliver a supply of breathable air to the MCRE are OPERABLE. This includes components monitored under surveillance requirements. In addition,"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	ART 04 - TEC CATIONS	CHNICAL			
ERA4734		Tech Bases	3.7.6 - LCO, page B 3.7.6 - 6, 1st rev bar	Inserted: "The initial MCRE temperature (75°F), DC Equipment and I&C Rooms, and required room temperatures (≤ 85°F) are initial conditions required to both meet the maximum MCRE temperature limit 72 hours after VES actuation, and to maintain DC Equipment and I&C rooms below the equipment qualification temperature limit throughout the duration of the postulated accidents."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4735		Tech Bases	3.7.6 - LCO, page B 3.7.6 - 6, 2nd rev bar	Inserted: "All PMS divisions in the two safety-related electrical panels are required to be OPERABLE, so that non-safety stage 1 and stage 2 MCR heat loads can be de-energized by the VES system actuation signal within the required time. This maintains the MCR temperature within habitable limits."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4712		Tech Bases	3.7.6 - SURVEILLANCE REQUIREMENTS, page 3.7.6 - 12, 1st rev bar	Inserted: "Verification of the pressure dew point ensures that no water will form in the line, eliminating the potential for freezing at the pressure regulating ensures the MCRE will remain below the maximum relative humidity to support the 90°F WBGT required for human factors performance."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4713		Tech Bases	3.7.6 - SURVEILLANCE REQUIREMENTS, page 3.7.6 - 14 , 2nd rev bar	Inserted: "SR 3.7.6.12 Verification that the MCR load shed function actuates on an actual or simulated signal from each PMS Division is required every 24 months to ensure that the non-safety stage 1 and stage 2 based on the need to perform this Surveillance under the conditions that apply during a plant outage, to minimize the potential for adversely affecting MCR operations."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4587		Tech Spec	3.7.6 - SURVEILLANCE REQUIREMENTS, page 3.7.6 - 3, 4th rev bar	Inserted: SR 3.7.6.3 Verify the air temperatures of required rooms are ≤ 85°F	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 4)
ERA4744		Tech Spec	3.7.6 - SURVEILLANCE REQUIREMENTS, page 3.7.6 - 4, 1st rev bar	Revised: from ""Verify that the air quality of the air storage tanks meets the requirements of Appendix C, Table C-1 of ASHRAE Standard 62" To "Verify that the air quality of the air storage tanks meets the requirements of Appendix C, Table C-1 of ASHRAE Standard 62 with a pressure dew point of 40°F or lower at 3400 psig or greater." Renumbered the items following the insertion	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 4)
ERA4745		Tech Spec	3.7.6 - SURVEILLANCE REQUIREMENTS, page 3.7.6 - 4, 6th rev bar	Inserted: "SR 3.7.6.12 Verify the MCR load-shed function actuates upon receipt of an actual or simulated actuation signal." Renumbered the items following the insertion	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 4)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PART 04 - TECHNICAL SPECIFICATIONS					
ERA4606		Tech Bases	3.7.6 - SURVEILLANCE REQUIREMENTS, page B 3.7.6 - 10, 3rd rev bar	Revised: from "The MCRE air temperature is checked at a frequency of 24 hours to verify that the VBS is performing as required to maintain the initial condition temperature assumed in the safety analysis, and to ensure that the MCRE temperature will not exceed the required conditions after loss of VBS cooling."  To "The MCRE air temperature is checked at a frequency of 24 hours to verify that the VBS is performing as required to maintain the initial conditions assumed in the safety analysis, and to ensure that the MCRE temperature will not exceed the required conditions after loss of VBS cooling."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4739		Tech Bases	3.7.6 - SURVEILLANCE REQUIREMENTS, page B 3.7.6 - 10, 4th rev bar	Revised: from "The surveillance limit of 75°F is the initial heat sink temperature assumed in the VES thermal analysis. The 24 hour Frequency is acceptable based on the availability of temperature indication in the MCRE."  To "The surveillance limit of 75°F is the return air temperature assumed in the VES thermal analysis. The 24 hour Frequency is acceptable based on the availability of temperature indication in the MCRE."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4740		Tech Bases	3.7.6 - SURVEILLANCE REQUIREMENTS, page B 3.7.6 - 11, 1st rev bar	Inserted: "SR 3.7.6.3 Using indication from temperature elements in each room, the air temperatures in the following rooms are checked at a Frequency of 24 hours: 12202, 12204, 12300,24 hour Frequency is acceptable based on the availability of automatic VBS temperature controls, alarms and indication in the MCRE. Air temperatures may also be verified using local measurement."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4741		Tech Bases	3.7.6 - SURVEILLANCE REQUIREMENTS, page B 3.7.6 - 12, 1st rev bar	Revised: from "SR 3.7.6.6 Verification that the air quality of the air storage tanks meets the requirements of Appendix C, Table C-1 of ASHRAE Standard 62 is required every 92 days. If air has not been added to the air storage tanks since"  To  "SR 3.7.6.6 Verification that the air quality of the air storage tanks meets the requirements of Appendix C, Table C-1 of ASHRAE Standard 62 with a pressure dew point of 40°F or lower at 3400 psig or greater, is required every 92 days. If air has not been added to the air storage tanks since"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PART 04 - TECHNICAL SPECIFICATIONS					
ERA4742		Tech Bases	3.7.6 - SURVEILLANCE REQUIREMENTS, page B 3.7.6 - 12, 1st rev bar	Inserted: "Verification of the pressure dew point ensures that no water will form in the line, eliminating the potential for freezing at the pressure regulating valve during VES operation. In addition, the dry air ensures the MCRE will remain below the maximum relative humidity to support the 90°F WBGT required for human factors performance." Renumbered the items following the insertion	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4602		Tech Bases	3.7.6 BACKGROUND, page B 3.7.6 - 1 thru 4 , 1st rev bar	Revised: from "MCRE; and 4) to limit the temperature increase of the MCRE equipment and facilities that must remain functional during an accident, via the heat absorption of passive heat sinks"  To "MCRE; and 4) to limit the temperature increase of the MCRE equipment and facilities that must remain functional during an accident, via de-energizing (load shedding) non-essential, non-safety main control room (MCR) electrical equipment (e.g., wall panel information system displays, office equipment, water heater, kitchen appliances, and nonemergency lighting) and the heat absorption of passive heat sinks. The VES limits the maximum temperature in DC Equipment Rooms (12201, 12202, 12203, 12204, 12205, and 12207), I&C Rooms (12301, 12302, 12304, and 12305), as well as the MCRE."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4705		Tech Bases	3.7.6 BACKGROUND, page B 3.7.6 - 1 thru 4 , 1st rev bar	Inserted: "During normal operation, temperatures in the main control room, instrumentation and control rooms, dc equipment rooms, Class 1E electrical penetration rooms, and adjacent rooms are maintained within a specified range by the VBS. As described inredundant load shed relays and timers actuated by the two PMS divisions, such that actuation of either division de-energizes the required loads."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4703		Tech Bases	3.7.6 BACKGROUND, page B 3.7.6 - 1 thru 4 , 1st rev bar	Inserted: "The VES also provides emergency passive heat sinks for the main control room (Room 12401), instrumentation and control rooms (Rooms 12301, 12302, 12304, and 12305), and dc equipment rooms (Rooms 12201, 12202, 12203, 12204, 12205, and 12207). Provided air temperatures in the rooms requiring monitoring are within their Surveillance Requirement limits, the VES passive heat sinks limit the temperature rise inside each room during the 72-hour period following VES actuation."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)

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Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	ART 04 - TEC CATIONS	CHNICAL			
ERA4704		Tech Bases	3.7.6 BACKGROUND, page B 3.7.6 - 1 thru 4 , 1st rev bar	Deleted: "Sufficient thermal mass exists in the surrounding concrete structure (including walls, ceiling and floors) to absorb the heat generated inside the MCRE, which is initially at or below 75°F. Heat sources inside the MCRE include operator workstations, emergency lighting and occupants. Sufficient insulation is provided surrounding the MCRE pressure boundary to preserve the minimum required thermal capacity of the heat sink. The insulation also limits the heat gain from the adjoining areas following the loss of VBS cooling."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4714		Tech Bases	3.7.6 BACKGROUND, page B 3.7.6 - 1 thru 4 , 1st rev bar	Revised: from "Verification that the air quality of the air storage tanks meets the requirements of Appendix C, Table C-1 of ASHRAE Standard 62 is required every 92 days. If air has"  To  "Verification that the air quality of the air storage tanks meets the requirements of Appendix C, Table C-1 of ASHRAE Standard 62 with a pressure dew point of 40°F or lower at 3400 psig or greater, is required every 92 days. If air has"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4601		Tech Bases	3.7.6 -BACKGROUND, page B 3.7.6 - 1, 1st rev bar	Revised: from "If AC power is lost or a High-2 Main Control Room Envelope (MCRE) radiation signal is received, the VES is actuated. The major functions of the VES are:"  To "If AC power is lost or a High-2 iodine or particulate Main Control Room Envelope (MCRE) radiation signal is received, the VES is actuated. The MCRE radioactivity is measured by defectors in the MCR supply air duct, downstream of the filtration units. The major functions of the VES are"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 4)
ERA4607		Tech Bases	3.7.6, Figure B 3.7.6-2, page B 3.7.6 - 17, 1st rev bar	Inserted: Figure B 3.7.6-2, Compressed Air Storage Tanks Minimum Volume-One Bank of VES Air Tanks (8 Tanks) Inoperable"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 7)
ERA4588		Tech Bases	B 3.3.1 - RTS Function 16, page B 3.3.1 - 23, 1st rev bar	Revised: from "on increasing power, the P-6 interlock provides a backup block signal to the source range neutron flux doubling circuit. Normally, this Function is manually blocked by the main control room operator during the reactor startup."  To "on decreasing power, the P-6 interlock automatically resets the flux doubling block control ensuring the source range neutron flux doubling circuit is enabled. Normally, the source range neutron flux doubling circuit is manually blocked by the main control room operator during the reactor startup."	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 2)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	RT 04 - TEC CATIONS	HNICAL		,	
ERA4584		Tech Spec	LCO 3.7.4, page 3.7.4 - 1, 1st rev bar	Revised: from "shall be < 0.1µCi/gm DOSE" to "shall be <0.01 µCi/gm DOSE"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 1)
ERA4583		Tech Spec	SR 3.5.4.7, page 3.5.4 - 3, 1st rev bar	Revised: from "Verify by visual inspection that the IRWST gutters are not restricted by debris."  To  "Verify by visual inspection that the IRWST gutters and downspout screens are not restricted by debris."	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design - PTN DEP 3.2-1 (Enclosure 8, Attachment 2, Item 1)
ERA4731		Tech Spec	SR 3.7.4, page 3.7.4 - 1, 1st rev bar	Revised: from "shall be < 0.1μCi/gm DOSE" to "shall be <0.01 μCi/gm DOSE"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 1)
ERA4585		Tech Spec	SR 3.7.4.1, page 3.7.4 - 1, 2nd rev bar	Revised: from "secondary coolant ≤ 0.01 μCi/gm DOSE"  To "secondary coolant ≤ 0.01 μCi/gm DOSE"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 2, Item 1)
ERA4581		Tech Spec	Table 3.3.2-1 (Page 10 of 13), page 3.3.2 - 23, 1st rev bar	Inserted: "d. Reactor Coolant Average Temperature, P-8" and renumbered the items following the insertion.	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 1)
ERA4582		Tech Spec	Table 3.3.2-1 (Page 11 of 13), page 3.3.2 - 24, 1st rev bar	Revised: from "20. Main Control Room Isolation, and Air Supply Initiation a. Control Room Air Supply Radiation – High 2" To "20. Main Control Room Isolation, Air Supply Initiation and Electrical Load Deenergization a. Main Control Room Air Supply Radiation – High 2"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis - PTN DEP 6.4-2 (Enclosure 3, Attachment 2, Item 2)
ERA4580		Tech Spec	Table 3.3.2-1 (Page 9 of 13), page 3.3.2 - 22, 1st rev bar	Added: left margin annotation "PTN DEP 7.3-1"	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 - PTN DEP 7.3-1 (Enclosure 3, Attachment 2, Item 1)

COL - PART 07 - GENERIC DCD DEPARTURES REPORT

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	RT 07 - GEN URES REPO				
ERA4609	<del>-</del>	Section	A.1 (PTN DEP 6.3-1), page 7-18 thru 7-20, 1st rev bar	Added: Departure Number PTN DEP 6.3-1This departure does not require NRC approval pursuant to 10 CFR Part 52, Appendix D, Section VIII.B.5.	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design – PTN DEP 6.3-1 (Enclosure 8, Attachment 3, Item 3)
ERA4717		Table	A.1, page 7-1, 1st rev bar	Added: PTN DEP 6.3-1 Quantification of the term "indefinitely" as used in the DCD for maintenance of safe shutdown conditions using the PRHR HX during non-LOCA accidents	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design – PTN DEP 6.3-1 (Enclosure 8, Attachment 3, Item 1)
ERA4608		Table	A.1, page 7-3, 1st rev bar	Added: PTN DEP 6.3-1 Quantification of the term "indefinitely" as used in the DCD for maintenance of safe shutdown conditions using the PRHR HX during non-LOCA accidents	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design – PTN DEP 6.3-1 (Enclosure 8, Attachment 3, Item 1)
ERA4615		Section	A.2 (PTN DEP 3.2-1), page 7-36 thru 7-39, 1st rev bar	Added: Departure Number PTN DEP 3.2-1This departure requires an exemption from the requirements of 10 CFR Part 52, Appendix D, Section III.B, which requires compliance with Tier 1 requirements of the AP1000 DCD and the generic Technical Specifications. Therefore, an exemption is requested in Part B of this COL Application Part.	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design – PTN DEP 3.2-1 (Enclosure 8, Attachment 3, Item 5)
ERA4616		Section	A.2 (PTN DEP 6.2-1) , page 7-40 thru 7-42, 1st rev bar	Added: Departure Number: PTN DEP 6.2-1This departure requires an exemption from the requirements of 10 CFR Part 52, Appendix D, Section III.B, which requires compliance with Tier 1 requirements of the AP1000 DCD. Therefore, an exemption is requested in Part B of this COL Application Part.	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment – PTN DEP 6.2-1 (Enclosure 3, Item 7)
ERA4617		Section	A.2 (PTN DEP 6.4-1), page 7-43 thru 7-54, 1st rev bar	Added: Departure Number PTN DEP 6.4-1This departure requires an exemption from the requirements of 10 CFR Part 52, Appendix D, Section III.B, which requires compliance with Tier 1 requirements of the AP1000 DCD and the generic Technical Specifications. Therefore, an exemption is requested in Part B of this COL Application Part. This departure also requires NRC approval pursuant to 10 CFR Part 52, Appendix D, Section VIII.B.5.	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis – PTN DEP 6.4-1 (Enclosure 3, Attachment 3, Item 3)
ERA4618		Section	A.2 (PTN DEP 6.4-2), page 7-55 thru 7-58, 1st rev bar	Added: Departure Number PTN DEP 6.4-2:This departure requires an exemption from the requirements of 10 CFR Part 52, Appendix D, Section III.B, which requires compliance with Tier 1 requirements of the AP1000 DCD and the generic Technical Specifications. Therefore, an exemption is requested in Part B of this COL Application Part.	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 3, Item 3)

Change Item#_	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	RT 07 - GEN URES REPO			<del></del>	
ERA4619		Section	A.2 (PTN DEP 7.3-1), page 7-59 thru 7-61, 1st rev bar	Added: Departure Number: PTN DEP 7.3-1This departure requires an exemption from the requirements of 10 CFR Part 52, Appendix D, Section III.B, which requires compliance with generic Technical Specifications of the AP1000 DCD. Therefore, an exemption is requested in Part B of this COL Application Part.	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEF 7.3-1 (Enclosure 3, Attachment 3, Item 3)
ERA4610		Table	A.2 , page 7-1, 2nd rev bar	Added: Departure 3.2-1 Addition of downspouts to the condensate return portion of the Passive Core Cooling System	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design — PTN DEP 3.2-1 (Enclosure 8, Attachment 3, Items 1 and 4)
ERA4611		Table	A.2 , page 7-1, 3rd rev bar	Added: PTN DEP 6,2-1 The ITAAC Acceptance Criteria for the in-containment PXS compartment vents are revised to reflect the current plant configuration	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment – PTN DEP 6.2-1 (Enclosure 3, Item 5)
RA4612		Table	A.2 , page 7-1, 4th rev bar	Added: PTN DEP 6.4-1 Main Control Room Operator Dose	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis – PTN DEP 6.4-1 (Enclosure 3, Attachment 3, Item 1)
ERA4613		Table	A.2 , page 7-1, 5th rev bar	Added: PTN DEP 6.4-2 Main Control Room Heatup	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 3, Item 1)
ERA4614		Table	A.2 , page 7-1, 6th rev bar	Added: PTN DEP 7.3-1 Compliance with IEEE 603	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 3, Item 1)
ERA4718		Table	A.2 , page 7-30, 1st rev bar	Added: Departure 3.2-1 Addition of downspouts to the condensate return portion of the Passive Core Cooling System	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design — PTN DEP 3.2-1 (Enclosure 8, Attachment 3, Items 1 and 4)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	RT 07 - GEN URES REPO				
ERA4719		Table	A.2 , page 7-30, 2rd rev bar	Added: PTN DEP 6.2-1 The ITAAC Acceptance Criteria for the in-containment PXS compartment vents are revised to reflect the current plant configuration	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption:Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment – PTN DEP 6.2-1 (Enclosure 3, Item 5)
ERA4720		Table	A.2 , page 7-30, 3rd rev bar	Added: PTN DEP 6.4-1 Main Control Room Operator Dose	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis – PTN DEP 6.4-1 (Enclosure 3, Attachment 3, Item 1)
ERA4721		Table	A.2 , page 7-30, 4th rev bar	Added: PTN DEP 6.4-2 Main Control Room Heatup	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 3, Item 1)
ERA4722		Table	A.2 , page 7-30, 5th rev bar	Added: PTN DEP 7.3-1 Compliance with IEEE 603	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 – PTN DEP 7.3-1 (Enclosure 3, Attachment 3, Item 1)
ERA4620		Table	B, page 7-2, 1st rev bar	Added: B.5 Combustible Gas Control in Containment	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment (Enclosure 3, Items 6 and 8)
ERA4621		Table	B, page 7-2, 2nd rev bar	Added: B.6 Source Range Neutron Flux Doubling Block Permissive	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 (Enclosure 3, Attachment 3, Items 2 and 4)
ERA4622		Table	B, page 7-2, 3rd rev bar	Added: B.7 Main Control Room Heatup	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (Enclosure 3, Attachment 3, Items 2 and 4)
ERA4623		Table	B, page 7-2, 4th rev bar	Added: B.8 Containment Cooling Changes in regard to Passive Core Cooling System Condensate Return	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design (Enclosure 8, Attachment 3, Items 2 and 6)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	RT 07 - GEN URES REPO				
ERA4624	•	Table	B, page 7-2, 5th rev bar	Added: B.9 Main Control Room Dose	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 3, Items 2 and 4)
ERA4723		Table	B, page 7-62, 1st rev bar	Added: B.5 Combustible Gas Control in Containment	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment (Enclosure 3, Items 6 and 8)
ERA4724		Table	B, page 7-62, 2nd rev bar	Added: B.6 Source Range Neutron Flux Doubling Block Permissive	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 (Enclosure 3, Attachment 3, Items 2 and 4)
ERA4725		Table	B, page 7-62, 3rd rev bar	Added: B.7 Main Control Room Heatup	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (Enclosure 3, Attachment 3, Items 2 and 4)
ERA4726		Table	B, page 7-62, 4th rev bar	Added: B.8 Containment Cooling Changes in regard to Passive Core Cooling System Condensate Return	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design (Enclosure 8, Attachment 3, Items 2 and 6)
ERA4727		Table	B, page 7-62, 5th rev bar	Added: B.9 Main Control Room Dose	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 3, Items 2 and 4)
ERA4625		Section	B.5, page 7-74 thru 77, 1st rev bar	Added: B.5) COMBUSTIBLE GAS CONTROL IN CONTAINMENTAs demonstrated above, this exemption request satisfies NRC requirements for an exemption to the design certification rule for the AP1000 plant.	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment (Enclosure 3, Item 9)
ERA4626		Section	B.6, page 7-78 thru 81, 1st rev bar	Added: B.6) SOURCE RANGE NEUTRON FLUX DOUBLING BLOCK PERMISSIVETherefore, the design change and associated change to the TS will not result in a significant decrease in the level of safety. As demonstrated above, this exemption request satisfies NRC requirements for an exemption to the design certification rule for the AP1000.	FPL Letter L-2016-083 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Compliance With IEEE 603-1991 (Enclosure 3, Attachment 3, Item [5])

Change Item#_	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
	ART 07 - GEN URES REPO				
ERA4627		Section	B.7, page 7-82 thru 7-85, 1st rev bar	Added: B.7) MAIN CONTROL ROOM HEATUPAs demonstrated above, this exemption request satisfies NRC requirements for an exemption to the design certification rule for the AP1000.	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (Enclosure 3, Attachment 3, Item 5)
ERA4628		Section	B.8, page 7-86 thru 7-90, 1st rev bar	Added: B.8) CONTAINMENT COOLING CHANGES IN REGARD TO PASSIVE CORE COOLING SYSTEM CONDENSATE RETURNAs demonstrated above, this exemption request satisfies NRC requirements for an exemption to the design certification rule for the AP1000.	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design (Enclosure 8, Attachment 3, Item 7)
ERA4629		Section	B.9, page 7-91 thru 7-94, 1st rev bar	Added: B.9) MAIN CONTROL ROOM DOSEAs demonstrated above, this exemption request satisfies NRC requirements for an exemption to the design certification rule for the AP1000 design.	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 3, Item 5)
COL - PA	ART 09 - WIT ATION	HHELD			
ERA4630		Enclosure	1, page 9-2 & 9-3, 1st rev bar	Added: Update for submittal of PTN DEP 6.4-1 to reflect use of Enclosure 1 for COLA Part 2, FSAR Figure 12.3-1R (SRI), Figure 12.3-1R Radiation Zones, Normal Operations/Shutdown, Nuclear Island, Elevation 100'-0" & 107'-2	Editorial change to reflect use of Enclosure 1 for COLA Part 2, FSAR Figure 12.3-1R (SRI)
ERA4631		Figure	12.3-1R, page (12.3-7 in COLA Part 2), 1st rev bar	Added: Figure 12.3-1R Radiation Zones, Normal Operations/Shutdown, Nuclear Island, Elevation 100'-0" & 107'-2 based on submittal of PTN DEP 6.4-1 to reflect use of Enclosure 1 for COLA Part 2, FSAR Figure 12.3-1R (SRI), Figure 12.3-1R Radiation Zones, Normal Operations/Shutdown, Nuclear Island, Elevation 100'-0" & 107'-2	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis - PTN DEP 6.4-1 (Enclosure 3, Attachment 1, Item 29)
COL - PA	ART 10 - ITAA	/C			
ERA4640		Table	2.2.3-1 (cont.), page LCB-7, 1st rev bar	Inserted: "Table 2.2.3-1 (cont.) PTN DEP 3.2-1 Downspout Screen 1C"	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design — PTN DEP 3.2-1 (Enclosure 8, Attachment 4, Item 2)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	teport (Sorted by, COL - PART, Change to Chapt# and Specific  Change Summary	Bases For Change
OL - PA	RT 10 - ITAA	/C			
ERA4639		Table	2.2.3-1, page LCB-6, 1st rev bar	Inserted: "Table 2.2.3-1 PTN DEP 3.2-1 Downspout Screen 1A"	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design — PTN DEP 3.2-1 (Enclosure 8, Attachment 4, Item 2)
ERA4641		Table	2.2.3-2 (cont.), page LCB-8, 1st rev bar	Inserted: "Table 2.2.3-2 (cont.) PTN DEP 3.2-1 Downspout drain lines Yes"	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design – PTN DEP 3.2-1 (Enclosure 8, Attachment 4, Item 2)
ERA4633		Section	2.2.5, page LCB-1, 1st rev bar	Inserted: "Add item 7.e) acceptable level during VES operation."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 4, Item 1)
ERA4643		Table	2.2.5-1 (cont.), page LCB-10, 1st rev bar	Inserted: "Table 2.2.5-1 (cont.) PTN DEP 6.4-1 MCR Filter Shielding"	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis – PTN DEP 6.4-1 (Enclosure 3, Attachment 4, Item 2)
ERA4642		Table	2.2.5-1 (cont.), page LCB-9, 1st rev bar	Inserted: "PTN DEP 6.4-2 Temporary Instrument Isolation Valve A"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 4, Item 3)
ERA4644		Table	2.2.5-4, page LCB-11, 1st rev bar	Inserted: "Table 2.2.5-4 PTN DEP 6.4-2 MCR Envelope 2.0"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 4, Item 4)
ERA4645	,	Table	2.2.5-5 (cont.), page LCB-12, 1st rev bar	Inserted: "Table 2.2.5-5 (cont.) PTN DEP 6.4-1 7e) Shielding below the VES Filter within its vertical projection."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis – PTN DEP 6.4-1 (Enclosure 3, Attachment 4, Item 3)
ERA4646		Table	2.3.9-3, page LCB-13, 1st rev bar	Inserted: "Table 2.3.9-3 PTN DEP 6.2-1 iii) An inspection of the as-built from the containment shell."	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment – PTN DEP 6.2-1 (Enclosure 3, Item 11)

Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	ART 10 - ITAA	AC .			
ERA4647		Table	2.5.2-3, page LCB-14, 1st rev bar	Inserted: "Table 2.5.2-3 PTN DEP 6.4-2 Main Control Room De-energization"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 4, Item 5)
ERA4648		Table	2.5.2-4, page LCB-15, 1st rev bar	Inserted: "Table 2.5.2-4 PTN DEP 6.4-2 Main Control Room Load De-energization"	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis – PTN DEP 6.4-2 (Enclosure 3, Attachment 4, Item 6)
ERA4649		Table	3.8-6 (Sheet 1 of 2), page LCB- 42, 1st rev bar	Inserted: "Table 3.8-6 (Sheet 1 of 2) Inside the region are equal to or less than 20 feet."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4650		Table	3.8-6 (Sheet 2 of 2), page LCB- 43, 1st rev bar	Inserted: "Table 3.8-6 (Sheet 2 of 2) Seismic Category I Structure Foundation Grouting grout closure criteria."	FPL Letter L-2015-209 dated October 29, 2015; Combined Information from Response to NRC RAI 02.05.04-26 (eRAI 7811) and FSAR Subsection 2.5.4 Grout Test Program Description (RAI 02.05.04-26)
ERA4634	,	Appendix	B , page LCB-1, 1st rev bar	Inserted: "Passive Containment Cooling PTN DEP 3.2-1."	FPL Letter L-2016-107 dated May 9, 2016; Endorsement of Supplement 2 to Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Containment Condensate Return Cooling Design – PTN DEP 3.2-1 (Enclosure 8, Attachment 4, Item 1)
ERA4632		Appendix	B , page LCB-1, 1st rev bar	Inserted: "Add item 7.e) to the PTN DEP 6.4-1."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (Enclosure 3, Attachment 4, Item 1)
ERA4637		Appendix	B , page LCB-2, 1st rev bar	Inserted: "Nuclear Island Nonradioactive Ventilation System ITAAC for more than 10 minutes."	FPL Letter L-2016-105 dated May 16, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Dose Analysis (Enclosure 3, Attachment 4, Item 4)
ERA4635		Appendix	B , page LCB-2, 1st rev bar	Inserted: "Containment Hydrogen Control System ITAAC PTN DEP 6.2-1."	FPL Letter L-2016-082 dated April 29, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Combustible Gas Control in Containment – PTN DEP 6.2-1 (Enclosure 3, Item 10)

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			Master Affected Document Report (Sorted by, COL-PART, Change to Chapt# and Specific Location)		
Change Item#	Change to Chapt#	Rev Bar Location	Specific Location	Change Summary	Bases For Change
COL - PA	RT 10 - ITA/	C			
ERA4636		Appendix	B , page LCB-2, 1st rev bar	Inserted: "Protection and Safety Monitoring System (PMS) ITAAC Tables 2.5.2-3 and 2.5.2-4."	FPL Letter L-2016-101 dated May 6, 2016; Voluntary Submittal of Exemption Request and Design Change Description for Departure from AP1000 DCD Revision 19 to Address Main Control Room Habitability Analysis (Enclosure 3, Attachment 4, Item 2)
ERA4638		Appendix	B , page LCB-5, 1st rev bar	Inserted: "Seismic Category I Sturcture Foundation Grouting in attached Table 3.8-6."	Addition of ITAAC Table 3.8.6 – Seismic Category I Structure Foundation Grouting (RAI 02.05.04-26)