

PMLevyCOLPEm Resource

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Attachments: LNP R9 Roadmap Final for Submittal - TW Edits 2016-03-23.xlsx

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Attachment 1 - LNP COLA Revision 9 Roadmap of Changes

Change ID#	COLA	COLA Part	Chapter	Section	Basis for Change	Change Summary	NPIT Number
Part 1							
LNP-001	LNP	1		Fig. 1.1-1	corporate name change	change "Duke Energy Indiana, Inc." to "Duke Energy Indiana, LLC" in the org chart shown in Figure 1.1-1	
LNP-069	LNP	1			Update of Duke Energy organization	Corrections in names and titles of company officers and organizational updates in officers and members of the Board of Directors	
Part 2							
Chapter 1							
LNP-070	LNP	2	1	1.4.2.8.4	Clarification of Westinghouse responsibility for resolution of technical issues and design changes	Add the following new subsection: 1.4.2.8.4 Westinghouse Electric Company LLC Westinghouse Electric Company LLC provided information on the design and safety analysis of the AP1000 for use in preparing the site-specific portions of the COL application and to address technical issues identified with the certified design.	
LNP-002	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2015-047	Revise Table 1.8-201 as shown in Item 3 of Enclosure 1 of the subject letter.	
LNP-003	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2015-049	Revise Table 1.8-201 as shown in Item 1 of Enclosure 1 of the subject letter.	
LNP-004	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2015-051	Revise Table 1.8-201 as shown in Item 1 of Enclosure 1 of the subject letter.	
LNP-005	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2015-057	Revise Table 1.8-201 as shown in Item 3 of Enclosure 1 of the subject letter.	
LNP-006	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2016-001	Revise Table 1.8-201 as shown in Enclosure 3 of the subject letter.	
LNP-007	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2016-002	Revise Table 1.8-201 as shown in Enclosure 5 of the subject letter.	
LNP-071	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2016-008	Revise Table 1.8-201 entry for LNP DEP 3.2-1 to add new Subsection 5.4.5.2.1 paragraph.	
LNP-072	LNP	2	1	01.08T/T1.8-201	errata	Revise Table 1.8-201 entry for LNP DEP 6.4-1: DCD Table 15.4-1 should be two sheets (2 of 3 and 3 of 3) and not just sheet 2 of 3.	
LNP-073	LNP	2	1	01.08T/T1.8-201	errata	Revise Table 1.8-201 entry for LNP DEP 6.4-1: Identify that Figure 15.4.8-4 is not used	
LNP-074	LNP	2	1	01.08T/T1.8-201	errata	Revise Table 1.8-201 entry for LNP DEP 6.4-1: Items in Chapter 15 DCD changes should be re-ordered to be progressive in nature.	
LNP-075	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2016-012	Revise Table 1.8-201 entry for LNP DEP 6.4-2: Table 3.7.3-1 should be sheets 1 and 2 of 3, Table 3.9-12 should be sheet 6 of 7, Table 3.9-16 should be sheet 23 of 26, Table 3.11-1 should be sheets 17, 30, and 47 of 51, etc on other tables and figures.	
LNP-076	LNP	2	1	01.08T/T1.8-201	NPD-NRC-2015-055	Revise Table 1.8-201 entry for LNP DEP 7.3-1 to add B 3.3.1 to both columns.	
LNP-008	LNP	2	1	1.9.4.2.2	NPD-NRC-2016-002	Revise Subsection 1.9.4.2.2 as shown in Item 1 of Enclosure 5 of the subject letter	
LNP-009	LNP	2	1	1.9.5.1.5	NPD-NRC-2016-002	Revise Subsection 1.9.5.1.5 as shown in Item 2 of Enclosure 5 of the subject letter	
Chapter 3							
LNP-077	LNP	2	3	03.07/T3.7-207	errata	Revise typos in Table 3.7-207.	
LNP-010	LNP	2	3	03.09/T3.9-204	NPD-NRC-2015-051	Revise Table 3.9-204 as shown in Item 2 of Enclosure 1 of the subject letter	
LNP-011	LNP	2	App 3D	Figure 3D-201	NPD-NRC-2015-049 superceded by NPD-NRC-2015-052	Revise Figure 3D-201 as shown in Item 1 of Enclosure 1 of NPD-NRC-2015-052.	
LNP-013	LNP	2	App 3D		errata	Add "COLA Part 2, Appendix 3D, will be revised to add a departure from DCD Figure 3D.5-1, Typical Abnormal Environmental Test Profile: Main Control Room, Sheet 1 of 3, as new FSAR Figure 3D-201 with a LMA of LNP DEP 6.4-2."	
Chapter 5							
LNP-078	LNP	2	5	5.4.5.2.1	NPD-NRC-2016-008	Revise Subsection 5.4.5.2.1 to include a paragraph added at the end on pressurizer per subject letter.	
LNP-014	LNP	2	5	5.4.14.1	NPD-NRC-2016-002	Revise Subsection 5.4.14.1 as shown in Item 3 of Enclosure 5 of the subject letter	
Chapter 6							
LNP-015	LNP	2	6	6.2.4.5.1	NPD-NRC-2016-001	Revise Subsection 6.2.4.5.1 as shown in Enclosure 3 of the subject letter	
LNP-016	LNP	2	6	6.3.1.1.1	NPD-NRC-2016-002	Revise Subsection 6.3.1.1.1 as shown in Item 4 of Enclosure 5 of the subject letter	
LNP-017	LNP	2	6	6.3.1.1.4	NPD-NRC-2016-002	Revise Subsection 6.3.1.1.4 as shown in Item 5 of Enclosure 5 of the subject letter	

Attachment 1 - LNP COLA Revision 9 Roadmap of Changes

Change ID#	COLA	COLA Part	Chapter	Section	Basis for Change	Change Summary	NPIT Number
LNP-079	LNP	2	6	6.3.1.1.4	errata	Revise 4th paragraph of Subsection 6.3.1.1.4, 2nd sentence: insert "is" before "exhausted"	
LNP-018	LNP	2	6	6.3.1.2.1	NPD-NRC-2016-002	Revise Subsection 6.3.1.2.1 as shown in Item 6 of Enclosure 5 of the subject letter, with the following errata: Item 6, last paragraph, last line, replace "7.4.1" with "7.4.1.1"	
LNP-019	LNP	2	6	6.3.2.1.1	NPD-NRC-2016-002	Revise Subsection 6.3.2.1.1 as shown in Item 7 of Enclosure 5 of the subject letter	
LNP-020	LNP	2	6	6.3.2.2.5	NPD-NRC-2016-002	Revise Subsection 6.3.2.2.5 as shown in Item 8 of Enclosure 5 of the subject letter	
LNP-080	LNP	2	6	6.3.2.2.5	editorial	Revise Subsection 6.3.2.2.5, third line of replacement paragraph, change "provide" to "provides"	
LNP-021	LNP	2	6	6.3.2.8	NPD-NRC-2016-002	Revise Subsection 6.3.2.8 as shown in Item 9 of Enclosure 5 of the subject letter with the exception of deleting "safety" before "monitoring"	
LNP-022	LNP	2	6	6.3.3	NPD-NRC-2016-002	Revise Subsection 6.3.3 as shown in Item 10 of Enclosure 5 of the subject letter	
LNP-023	LNP	2	6	6.3.3.2.1.1	NPD-NRC-2016-002	Revise Subsection 6.3.3.2.1.1 as shown in Item 11 of Enclosure 5 of the subject letter	
LNP-024	LNP	2	6	6.3.3.4.1	NPD-NRC-2016-002	Revise Subsection 6.3.3.4.1 as shown in Item 12 of Enclosure 5 of the subject letter	
LNP-025	LNP	2	6	6.4.2.2	NPD-NRC-2015-049	Revise Subsection 6.4.2.2 as shown in Item 3 of Enclosure 1 of the subject letter	
LNP-026	LNP	2	6	6.4.3.2	NPD-NRC-2015-049	Revise Subsection 6.4.3.2 as shown in Item 4 of Enclosure 1 of the subject letter	
LNP-081	LNP	2	6	6.4.3.2	errata	Revise the fifth paragraph of Subsection 6.4.3.2, second-to-last sentence, remove hyphen between 72 and hours.	
LNP-027	LNP	2	6	6.4.4	NPD-NRC-2015-049	Revise Subsection 6.4.4 as shown in Item 5 of Enclosure 1 of the subject letter	
LNP-028	LNP	2	6	6.4.5.1	NPD-NRC-2015-049	Revise Subsection 6.4.5.1 as shown in Item 6 of Enclosure 1 of the subject letter	
LNP-029	LNP	2	6	6.4.5.3	NPD-NRC-2015-057	Revise Subsection 6.4.5.3 as shown in Item 2 of Enclosure 1 of the subject letter	
LNP-030	LNP	2	6	6.4.8	NPD-NRC-2015-049	Revise Subsection 6.4.8 as shown in Item 7 of Enclosure 1 of the subject letter	
LNP-082	LNP	2	6	06.04/T6.4-202	errata	Revise Table 6.4-202, VBS main control room supply air radiation level (High-1 and-High-2 alarms), remove spurious hyphen in front of High-2	
Chapter 7							
LNP-083	LNP	2	7	TOC	errata	Revise TOC, Subsection 7.3.1.2.17, De-energization should be hyphenated; also in subsection title.	
LNP-084	LNP	2	7	LOF, 7.2	errata	Revise List of Figures and Section 7.2, DCD Figure 7.2-1, Sheet 3 of 21, becomes FSAR Figure 7.2-201. DCD Figure 7.2-1, Sheet 13 of 21, becomes FSAR Figure 7.2-202. Also revise Table 1.8-201 entry for DEP 6.4-2 from Figure 7.2-201 to Figure 7.2-202	
LNP-060	LNP	2	7	7.2	errata	Revise Section 7.2 to read: This section of the referenced DCD is incorporated by reference with the following departures and/or supplements. COLA Part 2, Section 7.2 will be revised to add a departure from DCD Figure 7.2-1, Functional Diagram: Nuclear Startup Protection, Sheet 3 of 21, as new FSAR Figure 7.2-201, with a LMA of LNP DEP 7.3-1. COLA Part 2, Section 7.2 will be revised to add a departure from DCD Figure 7.2-1, Functional Diagram: Containment and Other Protection, Sheet 13 of 21, as new FSAR Figure 7.2-202, with a LMA of LNP DEP 6.4-2.	
LNP-085	LNP	2	7	07.03/T7.3-201	errata	Add LMA LNP DEP 7.3-1 to departures for Table 7.3-201	
LNP-031	LNP	2	7	7.4	NPD-NRC-2016-002	Revise Section 7.4 as shown in Item 13 of Enclosure 5 of the subject letter	
LNP-032	LNP	2	7	7.4.1.1	NPD-NRC-2016-002	Revise Subsection 7.4.1.1 as shown in Item 14 of Enclosure 5 of the subject letter	
LNP-086	LNP	2	7	07.05/T7.5-203	NPD-NRC-2015-025	Revise Table 7.5-203 as shown in Enclosure 1 to NPD-NRC-2015-025	
Chapter 9							
LNP-033	LNP	2	9	9.3.1.1.2	NPD-NRC-2015-057	Revise Subsection 9.3.1.1.2 as shown in Item 1 of Enclosure 1 of the subject letter	
LNP-034	LNP	2	9	9.4.1.1.2	NPD-NRC-2015-024, Superseded by NPD-NRC-2015-049	Revise Subsection 9.4.1.1.2 as shown in Item 8 of Enclosure 1 of NPD-NRC-2015-049	

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Change ID#	COLA	COLA Part	Chapter	Section	Basis for Change	Change Summary	NPIT Number
LNP-035	LNP	2	9	9.4.1.2.3.1	NPD-NRC-2015-024, Superseded by NPD-NRC-2015-049	Revise Subsection 9.4.1.2.3.1 as shown in Item 9 of Enclosure 1 of NPD-NRC-2015-049	
Chapter 15							
LNP-036	LNP	2	15	15.0.13	NPD-NRC-2016-002	Revise Subsection 15.0.13 as shown in Item 15 of Enclosure 5 of the subject letter	
LNP-037	LNP	2	15	15.2	NPD-NRC-2016-002	Revise Section 15.2 as shown in Item 16 of Enclosure 5 of the subject letter	
LNP-088	LNP	2	15	15.4	errata	Revise Subsection 15.4.8.2.1.5, line 8, change "2.7 seconds" to "2.47 seconds". Also revise the year listed in new reference 24 (NUREG-0800, Section 4.2, Rev. 3) from 2003 to 2007	
LNP-038	LNP	2	15	15.6.5.3.2	NPD-NRC-2015-047	Revise Subsection 15.6.5.3.2 as shown in Item 1 of Enclosure 1 of the subject letter	
LNP-039	LNP	2	15	15.6.6	NPD-NRC-2015-047	Revise Subsection 15.6.6 as shown in Item 2 of Enclosure 1 of the subject letter	
LNP-087	LNP	2	15	15.06/T15.6-204	errata	Revise Title for Table 15.6-204 to be "Radiological Consequences of a Loss-of-Coolant Accident with Core Melt". Also update TOC	
Chapter 19							
LNP-040	LNP	2	19	19.41.7	NPD-NRC-2016-001	Revise Subsection 19.41.7 as shown in Enclosure 3 of the subject letter	
LNP-089	LNP	2	19	19.59/T19.59-202	errata	Revise Table 19.59-202, the Insight paragraph with Disposition of 6.3.2.1.1 and 6.3.7.6, first sentence, to read, " The PRHR HX, in conjunction with the IRWST, the condensate return features and the PCS, can provide core cooling for greater than 14 days."	
LNP-041	LNP	2	19E	19E.2.3.2.6	NPD-NRC-2016-002	Revise Subsection 19E.2.3.2.6 as shown in Item 17 of Enclosure 5 of the subject letter, with the following errata: item 17, last paragraph, line 4 - replace "ADS" with "automatic depressurization". Item 17, last paragraph, line 5 - remove "the" following "exhausted,"	
LNP-090	LNP	2	19E	19.59/T19.59-202	errata	Revise 19E.2.3.2.6, 4th paragraph, 2nd sentence: insert "is" before "exhausted"	
LNP-042	LNP	2	19E	19E.4.10.2	NPD-NRC-2016-002	Revise Subsection 19E.4.10.2 as shown in Item 18 of Enclosure 5 of the subject letter	
LNP-091	LNP	2	19E	19.59/T19.59-202	errata	Revise 19E.4.10.2, second paragraph, first sentence, delete the word "specified" in the second line of the paragraph	
Part 4							
LNP-043	LNP	4		multiple	errata	add LMAs corresponding to Departures 3.2-1, 6.4-1, 6.4-2.	
LNP-061	LNP	4		TS Bases 3.3.1	NPD-NRC-2015-055	change as indicated in supplied pdf file	
LNP-044	LNP	4		TS Bases 3.3.2-1	NPD-NRC-2015-055	In the "Applicable Safety Analyses, LCO, and Applicability" section of the Bases for TS Subsection 3.3.2, Function 15, revise the first sentence, with an LMA of LNP DEP 7.3-1, to read "The block of boron dilution is accomplished by closing the CVS makeup line isolation valves or closing the demineralized water system isolation valves to CVS."	
LNP-045	LNP	4		TS Bases 3.3.2-1	NPD-NRC-2015-055	In the "Applicable Safety Analyses, LCO, and Applicability" section of the Bases for TS Subsection 3.3.2, Function 15.a, revise the second sentence, with an LMA of LNP DEP 7.3-1, to read "This Function is not applicable in MODES 3, 4 and 5 if the demineralized water makeup flow path is isolated."	
LNP-062	LNP	4		TS Bases 3.3.2	NPD-NRC-2015-055	Revisions to the "Applicable Safety Analyses, LCO, and Applicability" section of the Bases for TS Subsection 3.3.2, Function 15.b, 18.c, 18.d and re-numbering of 18.d through 18.f	
LNP-093	LNP	4		TS 3.7.6	NPD-NRC-2015-024 & NPD-NRC-2015-051	Revise TS ACTIONS as shown in Item 1 of Attachment C to Enclosure 2 of NPD-NRC-2015-024 (as modified by additional changes to Condition B and Required Action B.1 from NPD-NRC-2015-051). Revise TS 3.7.6, ACTIONS, Condition B and Required Action B.1, to read as shown in Item 3 of Enclosure 1 of NPD-NRC-2015-051.	
LNP-092	LNP	4		TS 3.7.6	editorial	Revise TS 3.7.6, ACTIONS, Condition B and Required Action B.1, to change nomenclature to "MCR load shed panel(s)" for consistency with Part 2 information	

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LNP-050	LNP	4		TS 3.7.6	NPD-NRC-2015-024 & NPD-NRC-2015-057	Revise TS SURVEILLANCE REQUIREMENTS as shown in Item 2 of Attachment C to Enclosure 2 of NPD-NRC-2015-024 (as modified by additional changes from NPD-NRC-2015-057). Revise Technical Specification 3.7.6, SURVEILLANCE REQUIREMENTS SR 3.7.6.8 as shown in Item 4 of Enclosure 1 of NPD-NRC-2015-057. NOTE: NPD-NRC-2015-057 identified changes to TS SR 3.7.6.8. However, SR 3.7.6.8 was changed to SR 3.7.6.6 by NPD-NRC-2015-024.	
LNP-094	LNP	4		TS Bases 3.7.6	NPD-NRC-2015-024	Revise Technical Specification Bases B3.7.6 BACKGROUND, LCO, ACTIONS, and SURVEILLANCE REQUIREMENTS, to read as shown in Attachment C of Enclosure 2 of the subject letter. NOTE: Additional modifications to these changes to Technical Specification Bases B3.7.6 were made by NPD-NRC-2015-051 and NPD-NRC-2015-057; the additional modifications are identified as change #s LNP-047, LNP-048, LNP-049 & LNP-051 shown below.	
LNP-047	LNP	4		TS Bases 3.7.6	NPD-NRC-2015-051	Revise Technical Specification Bases B3.7.6 BACKGROUND as shown in Item 4 of Enclosure 1 of the subject letter. NOTE: Ltr NPD-NRC-2015-051 identified a change to the 5th paragraph of TS Bases B3.7.6 BACKGROUND. This is now the 7th paragraph.	
LNP-048	LNP	4		TS Bases 3.7.6	NPD-NRC-2015-051	Revise Technical Specification Bases B3.7.6 LCO as shown in Item 5 of Enclosure 1 of the subject letter	
LNP-049	LNP	4		TS Bases 3.7.6	NPD-NRC-2015-051	Revise Technical Specification Bases B3.7.6 ACTION B.1 as shown in Item 6 of Enclosure 1 of the subject letter	
LNP-051	LNP	4		TS Bases 3.7.6	NPD-NRC-2015-057	Revise Technical Specification Bases B3.7.6, SURVEILLANCE REQUIREMENTS SR 3.7.6.8 as shown in Item 5 of Enclosure 1 of the subject letter. NOTE: NPD-NRC-2015-057 identified changes to TS SR 3.7.6.8. However, SR 3.7.6.8 was changed to SR 3.7.6.6 by NPD-NRC-2015-024.	
	LNP	4		TS Bases 3.7.6 F/F B3.7.6-2	NPD-NRC-2015-024	Revise TS Bases Figure B 3.7.6-2 as shown in Item 7 of Attachment C to Enclosure 2 of the subject letter.	
Part 5							
LNP-065	LNP	5			Emergency Plan Rev. 7	Revised to address change from Duke Energy Florida, Inc. to Duke Energy Florida, LLC	
Part 7							
LNP-098	LNP	7			errata	Revise LNP DEP 6.4-1 DCD Table 15.4-1 to be two sheets (2 of 3 and 3 of 3) and not just sheet 2 of 3	
LNP-099	LNP	7			NPD-NRC-2015-027	Revise LNP DEP 6.4-1 as shown in Enclosure 4 of the subject letter.	
LNP-052	LNP	7			NPD-NRC-2015-047	Revise LNP DEP 6.4-1 as shown in Item 4 of Enclosure 1 of the subject letter.	
LNP-056	LNP	7			NPD-NRC-2016-001	Add LNP DEP 6.2-1 as shown in Enclosure 3 of the subject letter	
LNP-100	LNP	7			NPD-NRC-2014-049, NPD-NRC-2014-051, NPD-NRC-2015-057; Superseded by NPD-NRC-2016-012	Revise LNP DEP 6.4-2 as shown in Item 1 of Enclosure 2 of NPD-NRC-2016-012.	
LNP-095	LNP	7			errata	Revise LNP DEP 7.3-1 Scope/Extent paragraph, item 1), to change 510 to 551	
LNP-101	LNP	7			NPD-NRC-2015-055	Revise LNP DEP 7.3-1 and Exemption 8 to show addition of TS B 3.3.1.	
LNP-102	LNP	7			NPD-NRC-2015-042	Revise Exemption 5 for remaining changes shown in Item 3 of Enclosure 1 of the subject letter.	
LNP-057	LNP	7			NPD-NRC-2016-001	Add Exemption 7. Combustible Gas Control in Containment as shown in Enclosure 3 to the subject letter	
LNP-058	LNP	7			NPD-NRC-2016-002	Revise LNP DEP 3.2-1 as shown in Enclosure 5 of the subject letter	
LNP-097	LNP	7			NPD-NRC-2016-008	Revise LNP DEP 3.2-1 to include Subsection 5.4.5.2.1 reference per the subject letter	

