

This document is an amendment to the Facilities Design Criteria (FDC), Version 2, Revision 1, dated August 2020. The following changes shall be attached as part of the official approved FDC document until the next update.

Item No.	PDF Page No.	Discipline/ Name	Replace Yes/No	Delete Yes/No	Add Yes/No	Description
1	15	Table of Contents		Yes		Delete Appendix B
2	19	Section 1.3, Item 2	Yes			Last sentence, change "Appendix A" to "Appendix F"
3	27	Civil Drawings Item 1	Yes			"Jefferson Lab will provide a CAD model of the site. This model is to be used as the controlling document for all geospatial aspects of a project. This model includes site Ground Control survey monuments, best known locations for all underground utilities and structures, best known ground elevations, locations of ground water and radiation monitoring wells and stations, locations of wetlands or other environmentally sensitive areas, pavement alignment, surface structure locations and identifiers and road names."
4	53	220513 – Electrical Requirements for Plumbing			Yes	Add the following under Submittals: "All electric equipment furnished shall have NRTL labeling. Submit labeling with shop drawings". Add the following under Products: "All electrical equipment furnished shall be NRTL labeled/listed where applicable standards exist".
5	58	230513 – Electrical Requirements for HVAC Equipment			Yes	Add the following under Submittals: "All electric equipment furnished shall have NRTL labeling. Submit labeling with shop drawings". Add the following under Products: "All electrical equipment furnished shall be NRTL labeled/listed where applicable standards exist".

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6	71	260500 – Electrical General Requirements			Yes	Add the following under Submittals: “All electric equipment furnished shall have NRTL labeling. Submit labeling with shop drawings”. Add the following under Products: “All electrical equipment furnished shall be NRTL labeled/listed where applicable standards exist”.
7	83	261116 – Secondary Unit Substations			Yes	Provide oil-sampling ports extended beyond the enclosure doors on pad mount transformers.
8	83	261116 – Secondary Unit Substations			Yes	After transformer testing is complete, the testing agency shall provide a nitrogen blanket to the transformer and positive pressure per manufacturer’s guidance
9	90	262419 – Motor Control Centers			Yes	In general, JLab does not want to use motor control centers. Discuss with JLab and receive approval prior to using specifying.
10	99	263600 – Transfer Switches			Yes	Specify: “Outdoor enclosures shall be NEMA 4X, stainless steel.” Provide switches capable of delayed transfer (neutral position) so that spinning loads can have a chance to stop before transfer.
11	103	270500 – Common Work Results for Communications			Yes	Add the following under Submittals: “All electric equipment furnished shall have NRTL labeling. Submit labeling with shop drawings”. Add the following under Products: “All electrical equipment furnished shall be NRTL labeled/listed where applicable standards exist”.

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12	105	280500 – Common Work Results for Electronic Safety and Security			Yes	Add the following under Submittals: “All electric equipment furnished shall have NRTL labeling. Submit labeling with shop drawings”. Add the following under Products: “All electrical equipment furnished shall be NRTL labeled/listed where applicable standards exist”.
13	126	Appendix		Yes		Delete Appendix B
14	18	Section 1.2 Goal			Yes	Add the following at the end of paragraph 1: “In addition, JLab’s design process should provide systems reliability by questioning the criticality of the project and documenting discussions for distribution and concurrence.”
15	19	Section 1.2 Goal		Yes	Yes	Paragraph 5, line 6: Delete “and” before “safety”. Add “and ergonomic hazards” after “accessibility standards”