

TEMPORARY CHANGE REQUEST

TCR NO. **TCR-ESHD-5008, Sec2-Ch1, R6-001**

(e.g., TCR-ENG-021,R0-001)

The Temporary Change Request (TCR) Form is to be used to process urgent or minor changes for PPPL Policies, Organization/Mission Statements and Procedures. The TCR should be used when changes are:
1) urgent, and can not wait the 2-4 week period for Department Head review/comment, or
2) minor, and do not warrant Department Head review.

Person Requesting Change: Glenn Anderson Phone Ext: 3740

Department Name: ES&H

Document Number: 5008, Sec2 Chapt1 Revision No.: 6

Document Title: Introduction

Reason for change:

Add 10CFR851 update

Change description: (Summarize and attach changed pages, with changes clearly indicated)

Noted name of program to be "Electrical Safety Program"

Converted chapters listed in Applications paragraph to a bulleted list

Added a paragraph noting compliance with 10 CFR 851

Added "All electrical equipment and electrical installations, additions, alterations, and repairs rated at 50 volts or higher or 1000 watts or higher shall:

- (1) be approved prior to installation and/or use by the Authority Having Jurisdiction (AHJ) at PPPL
- (2) undergo a safety review/inspection performed by the PPPL Electrical Safety Specialist"

1. Does this TCR significantly alter the intent or scope of the document? YES: NO:

2. Does this TCR significantly impact ES&H? YES: NO:

If 1 or 2 is YES, Explain why the changes should not be routed for Department Head review:

Department/Division Head Approval

Date

Chief Planning Officer/designee

Date

Release/Effective date of this TCR: 8/20/18

Incorporate this TCR into next revision of this document?

YES: NO:

	PRINCETON PLASMA PHYSICS LABORATORY ES&H DIRECTIVES		
	ES&HD 5008 SECTION 2, CHAPTER 1		
	ELECTRICAL SAFETY PROGRAM Introduction		
Approved	Date: 03/14/2008	Revision 6	Page 1 of 1

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CHAPTER 1 INTRODUCTION 1.1 SCOPE

This Electrical Safety Program, Section 2.0 covers regulations, practices, and procedures set forth by PPPL to control and minimize the hazards associated with electrical systems and equipment.

1.2 APPLICATIONS

This Electrical Safety Program, Section 2.0 applies to all personnel directly engaged in work processes performed on electrical systems and equipment at the Laboratory during the life cycle of its facilities and projects.

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- The administrative responsibilities, general safety practices, and procedures used to minimize hazards to personnel are in Chapter 2 through Chapter 5.
- Chapters 6 through Chapter 15 describe means used to mitigate the identified hazards associated with specific types of electrical equipment.
- Material in the References in Chapter 16 includes upper-tier requirements documents and/or recommended practices used to mitigate the consequences of electrical hazards.
- The Appendices of Chapter 17 depict methods used successfully to satisfy Section 2.0 requirements.

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Rules and Regulations by the Department of Energy's Worker Safety and Health Program 10 CFR Part 851 effective January 17, 2018, provide guidance to incorporate federal regulations. Compliance is required starting January 17, 2019.

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