

# TEMPORARY CHANGE REQUEST

TCRNO. TCR-P-049,R1-001

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: J. Levine

Department Name: ES&H/IS Phone Ext: 3439

Document Number: P-049 Revision No.: 1

Document Title: Authorization to work on Electrical Systems

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**Reason for change:**

Changes resulting from 3 year review. Add NFPA 70E to list of practices to follow requirements. Minor editorial changes.

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

Add NFPA 70E to list of practices to follow requirements.  
Replace Rev. 1 with TCR-P-049,R1-001

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

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

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

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J.D. Levine  
Department/Division Head Approval

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Date

J.W. Anderson, Jr.  
Head, ES&H and Infrastructure Support/designee

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Date

Release/Effective date of this TCR: 4/23/04

Incorporate this TCR into next revision of this document? Yes X No

<b>PPPL</b>	<b>PRINCETON PLASMA PHYSICS LABORATORY</b>	<b>POLICY</b>	<b>No. P-049 Rev 1 page 1 of 1</b>
<b>Subject:</b>  <b>Authorization for Work on Electrical Systems</b>	<b>Effective Date:</b>  September 30,1994	<b>Initiated by:</b>  Head, ES&H and Infrastructure Support	
	<b>Supersedes:</b> Rev. 0, dated 9/23/92	<b>Approved:</b>  Director	

It is the policy of PPPL that the design, construction, installation, maintenance and decommissioning of electrical systems be completed and performed by qualified personnel in a manner to minimize hazards that could impact personnel safety or equipment damage. Electrical systems must meet the requirements of the ESHD 5008, Section 2, Electrical Safety, which includes the National Electric Code (NEC).

A qualified person is one who has been trained to be familiar with the electrical system, work processes, hazards and actions to mitigate the consequences of accidents. Supervisors and managers must assure that employees under their supervision whose duties require them to work on electrical equipment are trained to: recognize hazards, assure the use of proper personnel safety equipment, and observe safe practices by following the requirements of the ESHD, the NEC, the NESC, and OSHA and NFPA 70E requirements for personnel safety including Lockout/Tagout.

**TCR-P-049,R1-001**