

# TEMPORARY CHANGE REQUEST

TCR NO. TCR-P-046-001

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:** M. D. Williams

**Department Name:** Engineering and Technical Infrastructure

**Document Number:** P-046 **Revision No.:** 0

**Document Title:** Cable Tagging and Removal

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**Reason for change:**

Clarification. Add that cable be de-energized when taken out of service.

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

Replace P-046 with TCR-P-046-001

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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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**M. Williams**  
Department/Division Head Approval

**6/19/98**  
Date

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

**6/19/98**  
Date

Release/Effective date of this TCR: 6/19/98

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

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<b>PPPL</b>	<b>PRINCETON PLASMA PHYSICS LABORATORY</b>	<b>POLICY</b>	<b>No. P-046 Rev 0 page 1 of 1</b>
<b>Subject:</b>  <b>Cable Tagging and Removal</b>	<b>Effective Date:</b>  February 28, 1992	<b>Initiated by:</b>  Head, Engineering and Technical Infrastructure	
	<b>Supersedes:</b>  New	<b>Approved:</b>  Director	

During the course of a project's life, electrical cable installed on the project may no longer be necessary. In the past and prior to this policy, this electrical cable has been, at times, disconnected and abandoned in place when it was no longer required.

The Laboratory has now established a policy that whenever a cable is no longer needed, it should be physically removed. By removing these cables, space in cable trays and conduits is made available, and fire loading and the associated safety risks of energized abandoned cable is reduced. Whenever practical, cable previously abandoned in place prior to this policy shall be removed as the opportunity presents itself (budget, personnel availability, removal of cable in same area, potential future use of cable, potential for damaging other cables during removal, etc.).

In some isolated cases it may be prudent to abandon the electrical cable in place and properly secure each cable end. Engineering and Technical Infrastructure Department Head approval is required when the cable is to be abandoned and not removed.

In all cases, cable not in use or abandoned in place (those that exist now and are known, as well as future applications) shall **be disconnected from any source of power and** have both ends properly taped or properly secured (terminal blocks) so that no electrical conductor is exposed. Each end shall be tagged noting the location of the other end of the cable and that the subject cable has been abandoned in place.