

TEMPORARY CHANGE REQUEST

TCR NO. TCR-P-096,R0-001

(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: Valeria Riccardo Phone Ext: 2866

Department Name: Engineering

Document Number: P-096 Revision No.: 0

Document Title: Independent Verification

Reason for change:

Update Initiated by title.

Rearrange wording.

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

Updated Initiated by title to Head, Engineering Department

Rearranged wording.

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:

Department/Division Head Approval

Date

Head, Quality Assurance/Quality Control

Date

Release/Effective date of this TCR: _____

Incorporate this TCR into next revision of this document? YES: X NO:

PPPL	PRINCETON PLASMA PHYSICS LABORATORY	POLICY	No. P-096 Rev 0 page 1 of 1
	Subject: Independent Verification	Effective Date: February 22, 2008	Initiated by: Head, Engineering Department
	Supersedes: NEW	Approved: Director	

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Management System (Primary): 03.00 Engineering
Management System Owner: Head, Engineering
Management Process: 03.06 Technical Project Management
Process Owner: Head, Engineering
Sub-Process: 03.06.07 Design and Peer Review/Verification
Sub-Process Owner: Head, Project Management
Subject Matter Experts (SMEs): Head, Project Management

Independent Verification is a process for ensuring that high risk work elements are performed correctly. The risks may include design, operations or maintenance activities that potentially impact ES&H controls, cost and schedule objectives, product quality or Laboratory reputation. The independence occurs when the verification is performed by individuals not directly involved in the work and at a separate time from the work being performed. Verification may be required by a Laboratory document (e.g., ES&H 5008 that requires independent verification of the control measures for a confined space prior to entry, ENG-033 that requires design reviews and calculation checking, or a work specific procedure that requires QC weld inspections, for example) or informal management directives - "call me when you have completed all the preparations for the test."

Formally documented independent verification is required, at a minimum, on systems, structures, components or activities that are: **TCR-P-096,R0-001**

- Related to nuclear safety,
- Essential for preserving environmental, safety, or health controls,
- Critical to the performance of the facility's designated mission

In addition, Independent Verification will be performed whenever the Responsible Line Manager believes there is a reasonable chance that the proper design or function of any system, structure, or component could be compromised or when work activities include new or uncertain features involving potential risks to worker health and safety or serious equipment damage. **TCR-P-096,R0-001.**