

Subject: Independent Verification	Effective Date: February 22, 2008	Initiated by: Associate Director, Engineering and Infrastructure
	Supersedes: NEW	Approved: Director

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."

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. Formally documented independent verification is required, at a minimum, on systems, structures, components or activities that are:

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