

Subject: Safety Analysis and Review System Program	Effective Date: July 8, 2004	Initiated by: Head, ES&H/IS Department
	Supersedes: Rev. 0 4/14/92 and TCR – P-048-001	Approved: Director

It is PPPL's policy and objective to:

1. Protect the environment by meeting or exceeding current environmental, safety and health regulations.
2. Protect the health and safety of employees, subcontractors, visitors and the public by providing a safe, healthful work place and condition of employment.
3. Protect Government property against accidental loss or damage.
4. Maintain any potential impact on the environment, and/or on people's safety and health as low as reasonably achievable (ALARA).

In order to fulfill these policies, PPPL has established a Safety Analysis and Review System. The objectives of this system are to:

1. Assure that potential hazards of PPPL activities are systemically identified.
2. Assure that potential consequences are analyzed.
3. Assure that reasonable measures are taken to eliminate, control or mitigate the hazards, including where applicable, compliance with commitments made in environmental assessments and impact statements.
4. Assure that there is documented management authorization of the PPPL operation based upon an objective assessment of the safety analysis.

"Risk" is a quantitative or qualitative expression of possible loss which considers both the probability that a hazard will cause harm and the consequences of that event.

All PPPL activities shall be classified and analyzed in accordance with the NEPA Review System, ESH-014, to assure that PPPL's safety analysis and review system objectives are met. In addition, PPPL operations (i.e., projects or experimental devices) shall be classified in accordance with the PPPL Operations Hazard Criteria of ES&HD 5008, Section 11, Chapter 1. Activity classification and analysis shall be repeated whenever it is suspected that additional risks have been introduced in an activity.

Reference Documents

DOE Order 5481.1B

ESH-014, NEPA Review System

ES&HD 5008, Section 11, Chapter 1, Operations Hazard Criteria