

Example of a Risk Matrix Table

Table 1: Risk Matrix Table

Impacts	Consequences		
	Severe	Moderate	Low
Mission	Serious negative impact on ability to accomplish major program mission.	Moderate negative impact on ability to accomplish major program mission.	Minimal impact that could cause a short term delay in achieving program or mission goals.
Regulatory Compliance and Commitments	Noncompliance with Federal, State, or Local Laws; Enforcement Actions; or Compliance Agreements Executive Orders; DOE Orders; Secretary of Energy Directives, or formally agreed to local stakeholder expectations and commitments.	Inability to meet informal stakeholder and other DOE commitments or contract performance measures.	Deviation from good management practices
Maintenance and Program Support	Essential program work or facility services subject to potential interruption and ability to do and maintain quality work compromised.	Work environment or facility services cannot assure with high level of confidence continued maintenance of quality work environment; ability to attract new programs and investments potentially compromised.	Minimal impact.
Public Perception and Confidence	Loss of DOE credibility in meeting its mission in a safe and environmentally conscious fashion.	Loss of confidence in DOE's ability to meet one or more program goals.	No Impact.

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	Severe	Moderate	Low
Public Safety and Health	Immediate or eventual loss of life or disability and exposure at or just below (80%) of regulatory standards.	Potential physical non-disabling injury and/or off-site exposure below 20% of regulatory exposure limits.	No potential for physical injury and off-site exposure is well below regulatory exposure limits.
Worker Safety and Health	Injuries/illnesses involving at least permanent partial disability, chronic illnesses, an overexposure to radiological or chemical hazards in access of regulatory standards.	Injuries/illnesses resulting temporary disability, hospitalization or exposure to radiological or chemical hazards at or just below (80%) regulatory standards.	Injuries/Illnesses not resulting in hospitalization, temporary reversible illnesses requiring minor supportive treatment, or exposures below 20% of regulatory standards.
Environmental Protection	Catastrophic damage to the environment (widespread and long-term or irreversible effects).	Significant damage to the environment (widespread and short-term effects, or localized and long-term or irreversible effects).	Minor to moderate damage to the environment (localized and short-term effects).
Safeguards and Security	Could be expected to cause severe or grave damage to the national security or result in a loss of life .	Could be expected to cause damage to the national security.	No damage to national security, impact involves proprietary or sensitive interests.
Cyber Security	The unauthorized disclosure, modification, destruction, or access to information would severely or catastrophically affect the confidentiality, integrity and availability of information impacting organizational operations, organizational assets, or individuals.	The unauthorized disclosure, modification, destruction, or access to information would have a serious adverse affect on the confidentiality, integrity and availability of information impacting organizational operations, organizational assets, or individuals.	The unauthorized disclosure, modification, destruction, or access to information would have a limited adverse affect on the confidentiality, integrity and availability of information impacting organizational operations, organizational assets, or individuals.