

Risk Identification Methods

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The following methods of identifying risks can provide insight regarding the presence and location of risks:

- Review of issues in Sandia's Issues Management System (See *QA001.2 Issues Management Policy*)
- Review of lessons from Sandia's Lessons Learned Program (See *Lessons Learned Guidance Document*)
- Brainstorming
- Delphi Technique
- Lessons Learned within organization
- Monthly SNL/SFO meetings and discussions
- Performance Evaluation Plan (PEP) feedback and associated critical performance indicators
- Data analysis, special reviews, working groups and communications
- Interviews
- Meetings (i.e. requirements reviews, design reviews, management reviews, peer reviews, program reviews, engineering meetings)
- Prototyping, Table Tops or other knowledge acquisition approaches
- Review of audits, assessments and studies
- Review of procedures
- Review of requirements (e.g., new DOE Directives, contractual requirements, regulatory requirements)
- Scenario Analysis
- Solicitation of “anxiety causing topics”
- During strategic planning
- In advance of critical decisions
- During organizational changes
- Changes in customer requirements
- Request independent reviews of organization/project specifically to identify risks
- Review of recent events at other DOE/NNSA sites
- Review of old or recent events in industry
- IG/GAO Reports
- Review of Differing Professional Opinions or Minority Reports
- Structured Risk and Opportunity Investigation