

Safety Risk Analysis

- Safety Studies (HAZID, HAZOP)
- Radiological Risk
- Design Review and Independent Technical Assessment

Technical Risk Analysis

- Probabilistic Safety Analysis, Updates and Independent Reviews
- Risk-Informed Applications
- External Events Analysis and Review
- Nuclear Radiation Dispersion Modelling
- Design Reviews
- Engineering Substantiation

Reliability

- Design for Reliability / Maintainability

Risk Management

- Equipment Design Review
- Pressure Safety Valve Sizing and Flare Analysis
- Electrical Area Classification
- Damage Mechanism Assessment
- Integrity Operating Window Development

Technical Risk Analysis

- Probabilistic Safety Analyses and Updates
- Independent Review of PSAs
- Risk-Informed Applications
- External Events Analysis and Review
- Nuclear Radiation Dispersion Modelling

Reliability

- Development of MAL / ACR
- Initiate CMMS
- Data Cleansing and Loading

Risk Management

- Inspection, Testing and Preventive Maintenance Plan Development
- Inspection Data Management System Design and Implementation
- Condition Monitoring Location Optimization

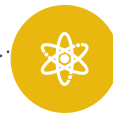
Technical Risk Analysis

- Probabilistic Safety Analyses and Updates
- Independent Review of PSAs
- Risk-Informed Applications
- External Events Analysis and Review
- Nuclear Radiation Dispersion Modelling
- Engineering Substantiation of Storage Containers Against Accidental Loads

01 | DESIGN



03 | COMMISSIONING



05 | NUCLEAR WASTE MANAGEMENT



02 | CONSTRUCTION



04 | OPERATION AND MAINTENANCE



07 | DECOMMISSIONING



Technical Risk Analysis

- Manufacturing Inspections and Supervision
- Quality Assurance Audits

Reliability

- Asset Identification / Asset Walkdowns
- P&ID Redlines

Risk Management

- Third-Party Review (Shop Fabrication and Design Requirement Review)
- Positive Material Identification and Confirmation

Safety Risk Analysis

- Human Factors
- Incident Investigation
- Training
- Hazard Analysis
- Safety Case Management, Production and Modification

Technical Risk Analysis

- Probabilistic Safety Analyses, Updates and Independent Reviews
- External and Natural Hazard Event's Analysis
- Nuclear Radiation Dispersion Modelling
- Civil / Structural Design and Assessments
- Independent Technical Assessments

Reliability

- PM and SOP Analysis
- Asset SOP Optimization
- Initiate CMMS
- Data Cleansing and Loading

Risk Management

- Aim Policies, Procedures and Checklist
- Development
- Scheduling / Planning Inspection and Testing Activities
- Equipment Deficiency Resolution

Safety Risk Analysis

- Safety Studies
- Radiological Risk
- HAZID / HAZOPs

Technical Risk Analysis

- Probabilistic Safety Analysis, Updates and Independent Review of PSAs
- Risk-Informed Applications
- External Events Analysis and Review
- Nuclear Radiation Dispersion Modelling
- Engineering Substantiation of Plant and Equipment
- Civil / Structural Design and Assessment Including Structural Mods

Reliability

- CMMS Data Remediation

