



NAVARRO
Research and Engineering, Inc.

Client Services

- **Environmental Remediation**
- **Environmental Safety and Health**
- **Information Technology**
- **Engineering**
- **Public Outreach**
- **Emergency Management**
- **Quality Assurance**
- **Nuclear Safety**



Environmental Remediation



Navarro has outstanding expertise in environmental services for a wide range of clients. Personnel have extensive experience in detection, monitoring, decontamination and decommissioning, removal and transportation of hazardous and solid waste materials, toxic substances, groundwater modeling and monitoring, field and laboratory services, remedial action, and soils remediation. Our expertise includes environmental and risk assessment, waste management, RI/FS, remedial design, and corrective action plans.

Navarro personnel include eminent specialists in environmental compliance, including NEPA, Safe Drinking Water Act, RCRA, CERCLA, and the Clean Air Act. We also prepare NEPA documents, including EISs, EAs, FONSI, and many others. Our understanding of the requirements for performing environmental services work is based firmly on the following aspects of our experience:

- In-depth understanding of work requirements and various regulatory environments
- Clear historical perspective of each program and the characteristics of the work
- Significant experience working with stakeholders
- Increased focus on accelerated cleanup, completion and closure

Environmental, Safety and Health

Navarro provides ES&H support to a wide range of projects, ensuring that safety is of the foremost importance and that independent ES&H oversight is implemented. Navarro has a wide range of ES&H expertise:

Integrated Safety Management: implementation of integrated and proactive safety management programs, and implementation of lessons learned to ensure continuous feedback and improvement of safety processes, as well as definition of ES&H performance metrics.

Hazard Identification: multi-disciplinary team walk-downs of facilities, activities and operations; risk ranking of hazards and potential accidents; safety documentation to ensure (1) accident analyses (including frequencies and consequences) and auditable safety documentation, and (2) engineered safety features and administrative controls for worker and public protection. Some of Navarro's services in ES&H include the following:

- Health and safety plan development and program oversight
- Occupational Safety and Health Administration (OSHA) compliance
- Independent ES&H investigations
- Health physics
- Radiological protection
- Accident analysis (including frequencies and consequences) and auditable safety documentation





Information Technology

Our capabilities fill a wide range of information technology needs, including database management, software development, system analysis, programming services, and web-based systems development and training. We also have extensive experience in help desk operations, computer center management, hardware maintenance and upgrade, license management, networking design and management, and system administration.

Engineering

Navarro provides engineering services in virtually all engineering specialties, including mechanical, electrical, process, nuclear, chemical, and systems engineering. Navarro has outstanding expertise in program management and project control, configuration management, operational readiness, and operations and maintenance engineering services.

Emergency Management

Navarro provides exceptional services in emergency planning, emergency operations, emergency response training, and drills and exercises. We provide personnel who serve as lead duty officers and subordinate watch officers for around-the-clock maintenance of DOE/NNSA emergency response readiness seven days a week. Our personnel also provide safety and security expertise for DOE Oak Ridge Operations.

Public Outreach

Navarro's public outreach experience includes public relations, community outreach, public meetings and economic development for site-specific advisory boards.

Navarro prepares briefing materials for DOE senior management, tribal entities, stakeholders, and the public. Navarro is experienced in leading efforts to coordinate public budget meetings, working with DOE, EPA and the public to ensure productive regional meetings. Navarro personnel can ensure that all applicable programs are aware of subject matter for meetings, identify the correct attendees and presenters from DOE and contractors, ensure that requests for information are responded to accurately and in a timely fashion, and review presentations to ensure responsiveness for committees.

Quality Assurance

Navarro's quality assurance services include audits and surveillances, as well as program development through quality assurance management plans and reviews. Our quality assurance personnel also have extensive expertise in quality control, quality engineering, and independent assessments.

Specific areas in which Navarro provides QA expertise:

- Development of quality assurance programs
- Review and evaluation of quality assurance documents, plans and procedures
- Participation in quality assurance appraisals and operational awareness activities
- Technical assistance in evaluations of various quality assurance elements (configuration management, suspect/counterfeit parts, software quality assurance, and nuclear quality assurance)
- Preparation of procedures and policies
- Trend analysis





Nuclear Safety

Navarro provides extensive expertise in safety services. Our strong dedication to safety as the highest priority ensures that all recommendations contribute to a work environment that encourages and enhances the ability of personnel to perform their work safely. Areas of expertise include the following:

- Integrated safety management systems (ISMS)
- Safety analysis
- Hazard assessment
- Probabilistic risk assessment
- Radiation shielding analysis
- Nuclear criticality safety
- Facility safety
- Authorization basis document review and development
- Work planning
- Design basis
- Engineering guidance
- Change control
- Program improvements
- Recommendations based on applicable safety requirements and regulations