



NSA[®]

Proven • Effective • Solutions

**READINESS
ASSURANCE AND
OPERATIONS
MANAGEMENT**

2001-2011

*Celebrating 10 years of
engineering excellence
and exceeding client
expectations.*

CORPORATE OVERVIEW

Nuclear Safety Associates (NSA) launched in 2001 and in just a little over a decade has become an industry leader in fields related to nuclear safety.

From its earliest days, NSA was uncompromising in its commitment to hiring only the most qualified engineers and scientists in the industry. As a result, NSA quickly developed a reputation throughout the nuclear industry for providing innovative solutions, a high level of client satisfaction and for enabling client success. NSA has expanded its initial core capabilities in nuclear criticality safety to include other disciplines required to define and defend the safety basis for nuclear operations, including: nuclear facility safety, chemical and radiological consequence analysis, risk assessment, readiness, and licensing. In 2008, NSA marked a significant milestone in its strategic direction and growth with the addition of two new business lines, *safeguards & security and design engineering*.

Today, NSA offers clients turnkey capabilities to perform safety-related work for the nuclear facility lifecycle, from conceptual design through construction, operations, and ultimately, to decontamination and decommissioning. In response to rapidly evolving political and technological environments, NSA's Safeguards & Security Services business has become the company's fastest growing sector, providing security services to a diverse pool of commercial and government clients.

NSA offers engineering excellence and client customization through four business sectors:

- Nuclear Safety and Licensing
- Readiness Assurance and Operations Management
- Safeguards & Security
- Design Engineering

A privately held company with more than 100 employees throughout North America and with plans to expand into Europe and Asia, NSA serves a broad client base within the U.S. Department of Energy (DOE), the commercial nuclear industry, the public utilities sector and, is well positioned for expansion into new public and private markets.

OUR EXPERIENCE IN READINESS ASSURANCE AND OPERATIONS MANAGEMENT

NSA has been instrumental to the successful startup and operation of nuclear facilities across the U.S. and Canada, and has also performed audits and inspections at a wide variety of nuclear installations. Our many clients include: B&W Y-12, Bechtel Jacobs at the East Tennessee Technology Park, Lawrence Livermore National Lab, Global Nuclear Fuels, Nuclear Fuel Services, and the United States Enrichment Corporation.

READINESS ASSURANCE AND OPERATIONS MANAGEMENT

NSA has extensive experience performing readiness assessments, operational readiness reviews, audits and inspections, as well as implementing quality assurance programs, developing nuclear safety programs and procedures, and managing complex operations. Our Subject Matter Experts (SMEs) are recognized for their knowledge and leadership and are adept at seamlessly integrating within client organizations to assure a successful startup. These capabilities were instrumental in the startup of the Highly Enriched Uranium Materials Facility (HEUMF) at the Y-12 National Security Complex. NSA's role included supporting readiness assist teams, Implementation Validation Review (IVR), and contractor Operational Readiness Review (ORR).

OUR SERVICES

- **Operations and Shift Management**
- **Systems Engineering**
- **Readiness Assist Teams**
- **Readiness Reviews**
- **Facility Startup**
- **Procedure Development and Implementation**
- **Implementation Validation Reviews**
- **Operational Readiness Reviews**
- **Audits and Inspections**
- **Logistics & Inventory Management**
- **NQA-1 Quality Program Development and Implementation**
- **Training Design, Development, and Delivery**



For information about NSA's Readiness Assurance and Operations Management business contact:

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