



NSA[®]

Proven • Effective • Solutions

SAFEGUARDS AND SECURITY



NSA
Security Services

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 SAFEGUARDS AND SECURITY

NSA Security Services (NSS) is currently a provider of security services to several DOE prime contractors, including B&W Y-12, LLC at the Y-12 National Security Complex, UT-Battelle, LLC at the Oak Ridge National Laboratory, Materials and Chemistry Laboratory, Inc. at the East Tennessee Technology Park, and Isotek Systems, LLC; as well as commercial nuclear facilities regulated by the NRC.

SAFEGUARDS AND SECURITY

NSA Security Services (NSS) provides comprehensive security support for government and commercial clients. Our staff of highly trained experts all hold active DOE or NRC Top Secret security clearances and have extensive experience in development and implementation of site security plans, information security programs, classified matter protection & control (CMPC), controlled unclassified information (CUI), export control, operations security (OPSEC), classification and declassification, and cyber security programs. NSS personnel offer support to clients in the roles of CMPC subject matter experts, derivative classifiers, facility security officers, information systems security managers, and training instructors.

OUR SERVICES

- **Cyber Security**
Determine needs and develop plans; design and implement classified computing systems; perform vulnerability assessments and penetration testing; serve as ISSM, ISSO and system administrators.
- **Document Review**
Perform classification and export controlled information reviews; serve as derivative classifiers/declassifiers.
- **Information Security**
Develop and implement plans and procedures for CMPC and OPSEC; perform investigations and manage reporting for Incidents of Security Concern.
- **Personnel Security**
Review clearance paperwork; maintain security files; develop and implement security procedures; and prepare badges.
- **Physical Security**
Perform walkdowns; coordinate alarm, lock and key installations; specify fencing and monitoring stations; support design/selection of access control systems; and evaluate readiness of new physical security systems.
- **Program Management Support**
Create site security plans; perform vulnerability assessments; support Foreign Ownership, Control or Influence (FOCI) determination; serve as facility security officers.
- **Nuclear Material Control & Accountability (NMC&A)**
Develop NMC&A programs, plans and procedures; perform program assessments and audits; conduct inventories of material; and serve as NMC&A manager and material balance area custodian.
- **Security Awareness**
Develop briefings for cyber security (classified & unclassified) and information security (e.g., CMPC, OPSEC, CUI, and derivative classifier training).
- **Nuclear Nonproliferation**
Conduct engineering assessments of nuclear fuel cycle facilities for identification of covert operation and support long-range planning for national security issues.



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