CRITICAL INFRASTRUCTURE PROTECTION SERVICES

CYBER SECURITY

Assists in the design, inspection, and validation of the cyber security program designed to meet the objectives of regulations and guidance. This includes digital computer and communications systems and networks, and providing assurance that these systems are protected against intrusion, misuse, and tampering. Support will be provided commensurate with the requirements of the client's corporate program and government agencies with oversight.

INFORMATION SECURITY

Assists in the design, inspection, and validation of information protection programs, including Classified Information, Safeguards Information, Sensitive Security-Related Information, and other categories of information which, if improperly stored and protected could result in a threat to the facility and the public health and safety.

PHYSICAL SECURITY

Assists in design, formulation, inspection, testing, and resolution of issues in physical security, including:

Reducing Regulatory Burden by evaluating and revising the protective strategy and achieving effective and efficient response protocols.

Mock Security Inspections performed by former NRC inspectors to ensure compliance and maintain efficient operation of the security program.

Blast Effects designed to identify structures and/or proposed buildings that could be vulnerable to vehicle or tactical blast, and to identify the appropriate stand-off distances and blast protection strategies.

Target Set Analysis to ensure identification, confirmation, and protection of targets critical to continued safe operation of the plant.

Regulatory / Enforcement Advice including advice to clients on compliance issues, potential enforcement actions, and appropriate corrective measures that develop from the findings. EXCEL assistance can include representation of the client in meetings with the NRC.

Force-on-Force Preparation and Training includes development of scenarios, force-on-force preparation and training, controller training, and exercise evaluation and followup. Review would also include organizational support and/or leadership in these areas.

TEAM MEMBERS

RICHARD ROSANO, SENIOR VICE PRESIDENT, CRITICAL INFRASTRUCTURE PROTECTION: More than 40 years of experience, including serving as former NRC Chief, Nuclear Reactor Security and senior security advisor to three NRC Chairmen. Was the primary author of nuclear security regulations and guidance over a 33-year career.

MICHAEL WARREN: Over 30 years of experience in the security of special nuclear materials and weapons, nuclear power plants, vulnerability assessments, and conducting force-on-force exercises. Acted as NRC liaison on nuclear security for the International Atomic Energy Agency.

ANDY RAYLAND: Over 30 years in the U.S. Air Force and NRC nuclear security serving as a team leader for the force-on-force programs at nuclear power reactors and Category I facilities, including security inspections in Europe and the Pacific and as the security consultant with the IAEA's International Physical Protection Advisory Service.

BONNIE SCHNETZLER: More than 35 years in the nuclear industry and with NRC nuclear security. Was the primary author of NRC's revised security regulations issued in 2009.

CLIFF DUBORD: Over 30 years of experience in nuclear engineering and nuclear security, including management and supervisory control of electronic systems, industrial computers and controls, information technology, and nuclear security systems.

JIM WIGGINS: Over 41 years of experience in NRC, including serving as Director of NRC's Office of Nuclear Security and Incident Response and Deputy Director of NRC's Office of Nuclear Reactor Regulation, including a focus on licensing, rulemaking, inspection, and enforcement.

STEVE ROOT: Over 40 years of experience in nuclear engineering, nuclear security, and target set development, including serving in senior engineer positions. Has a background in nuclear propulsion engineer positions at DOE.

MIKE EREKSON: Blast engineer with experience in the areas of dynamic structural analyses, explosive weapons effects, and computer modeling/simulation. Assisted the U.S. State Department in protection of U.S. embassies worldwide regarding for explosive effects.

BARRY WESTREICH: Over 32 years in nuclear regulatory affairs, including 25 years at NRC serving as the Director of the Cyber Security Directorate. Served as the Executive Director for the White House hosted Cyber Security Forum which set standards for communication of lessons learned.

DONALD CODLING: Twenty-three years as Unit Chief, FBI Cyber Division, focusing on international cyber crime and cyber national security operations. Chairman for the Cyber Security for Energy and Utilities Sector at the United Arab Emirates conference in March 2014 and 2015