

ITT industries:

871-3 System Design, Engineering And Integration

US ✓
c) For over 30 years, ITT has developed concepts and requirements for the Navy Strategic Systems Program (SSP). We review and evaluate normal, abnormal, and hostile environments for current and future submarine-launched ballistic missiles (SLBMs). We assist SSP with vulnerability assessments. We assess the adequacy of DoD/DOE vulnerability test programs for reentry bodies and the effectiveness of reentry bodies in normal, abnormal, and hostile environments. We assist in design reviews and in development of system integration requirements. We review and update weapon military characteristics (MCs) and stockpile to target sequence (STS) requirements. We analyze safety, security, control, and reliability. ITT participates in nuclear weapon system safety study groups (NWSSGs) and performs full-scale weapon system safety assessments (WSSAs). We advise SSP on the impact of DoD, DOE, NRC, CFR, Navy, state, and local radiological regulations affecting nuclear weapons. We assess issues related to transporting, processing, handling, and maintenance procedures and monitoring techniques for hazardous materials. We ensure methods are in place for processing, resolution, and distribution of Unsatisfactory Reports (URs) and Unsatisfactory Report Response (URRs) on generic or system-specific SWOPs.

871-4 Test And Evaluation

UK ✓
e) Under the United Kingdom Trident Program Support contract, ITT provides engineering test and evaluation support to the Navy Strategic Systems Program OFFICE in the following areas: we review and evaluate normal, abnormal, and hostile environments for current and future submarine-launched ballistic missiles (SLBMs), assist SSP to coordinate and integrate vulnerability assessments, assess adequacy of DoD/DOE vulnerability test programs for reentry bodies, provide support in the areas of safety, security, control and reliability, participate in nuclear weapon system safety study groups (NWSSGs), perform full-scale weapon system safety assessments (WSSAs), and assess issues related to transporting, processing, handling, and maintenance procedures and monitoring techniques for hazardous materials. ?