

ROLE OF MISSION PARTNERS

1. The following describes the major roles performed by mission partners.
 - a. The **Installation Radiation Protection Officer (IRPO)** is a qualified Bioenvironmental Engineer from the Medical Group at each Space Launch Delta who is responsible for reviewing and approving the design, test, and inspection of non-ionizing and ionizing radiation sources in conjunction with Range Safety.
 - b. The **Bioenvironmental Engineering Office (BEE)** at each Space Launch Delta (a component of the Medical Group) is responsible for reviewing and approving the design, test, and inspection of systems with acoustic and radiation hazards. Bioenvironmental Engineering is responsible for the following, in conjunction with Range Safety and the Fire Marshal:
 1. Environmental health hazards.
 2. PPE for propellant handling and ordnance operations.
 3. Vapor monitoring equipment.
 4. Gasoline or diesel vehicle operations in AF facilities or where government personnel may be exposed.
 - c. **Delta Weapons Safety** will develop an Explosive Site Plan(s) for all facilities/locations in which explosives/ordnance devices are stored, processed, assembled and/or launched/recovered. Final Department of Defense Explosive Safety Board (DDESB) approval is required before new construction can start or before explosives/ordnance can be placed in the facility. The timeline to receive DDESB approval for a new site plan is approximately one (1) year.
 - d. **Base Civil Engineering** at each Space Launch Delta is responsible for the following:
 1. Obtaining permits for scrubbers and incinerators.
 2. In conjunction with Range Safety, reviewing and approving facility and structure

- e. The **Environmental Planning Section** at each Space Launch Delta (normally a component of Base Civil Engineering) is responsible for reviewing and approving regulated hazardous waste plans and procedures.
- f. The **Fire Marshal** at each Space Launch Delta (normally a component of Base Civil Engineering) is responsible for establishing hazardous atmosphere classification and other duties. Any design standard within the NFPA standards (with the exception of NFPA 70), having a reference to the "authority having jurisdiction" shall be interpreted to mean the Fire Marshal. The Fire Marshal is responsible for the following:
 - 1. Providing necessary information to Civil Engineering and Range Safety in regard to Range facilities and structures fire protection requirements.
 - 2. Coordinating with Range Safety to ensure that facilities and structures on the Ranges meet national fire protection standards.
 - 3. Reviewing and approving fire protection plans.
 - 4. Conducting fire protection activities.
 - 5. In conjunction with Range Safety and Bioenvironmental Engineering, reviewing and approving the performance characteristics of hypergolic propellant vapor control foam and delivery systems design.
- g. Before prelaunch and launch operations, Range Scheduling (WR) is responsible for notifying and requesting support as required from Operations Safety, Fire, Medical, Security (at WR, security may be handled by the Hazardous Operations Support (HOS) contractor), Environmental Health, and other agencies.
- h. Facility Operators are responsible for the following:
 - 1. Developing and submitting Facility Emergency Plans for review and approval by Range Safety.
 - 2. Performing monthly inspections, developing and maintaining Hazardous Facility

3. Inspection records, and developing and maintaining Explosives Facility and/or Area Ground System Test Plans, as required and at the ER, submitting reports to Range Safety.
 4. Conspicuously posting explosive limits, personnel limits, and fire symbols when ordnance and propellants are moved into or out of a facility.
 5. If the Range User is the Facility Operator, then the Range User will perform these duties.
2. Additionally, the Safety office partners with the FAA/AST, NASA, other government agencies, and the launch operators as appropriate.
 3. The Range Safety Office will initially act as the integrator between a new Range User and other local mission partners on matters of safety.

[Additional program support information can be obtained from the Plans and Programs Office (XP).]