

## **ATTACHMENT 6 SECURITY PLAN**

### **6.1 GENERAL SECURITY MEASURES**

A high degree of security is maintained at NASA due to the nature of the research and development projects being conducted. The facility is restricted to authorized personnel for the purpose of safety and security associated with routine operations. This restriction benefits the safety and integrity of all hazardous waste units. Visitors are restricted to those portions of NASA at which they are conducting business.

Security is further enhanced by reason of NASA's remote location. The nearest population center is approximately six miles to the south at Organ, New Mexico. The WSTF Industrial Area outlines the main areas of activity and routine operations. WSTF is within the boundaries of the Department of Defense, U.S. Army, White Sands Missile Range (WSMR). WSTF is bounded on the north, east, and south by WSMR. Surrounding the Industrial Area to the west are co-use areas with BLM and the State of New Mexico. This limits access to the remote areas around WSTF and to the site.

Security guards and firemen conduct regularly scheduled vehicular patrols and building walk-throughs when daytime staff is off-duty. All patrol vehicles are equipped with two-way radios, with contact to the control center. The control center is able to contact 24-hour emergency response personnel in the event of an unauthorized entry.

Access is restricted from the western and southern boundaries by barbed wire fencing and gates. Physical barriers in the form of mountain and distance provide access restriction on the northern and eastern boundaries. Access to NASA is controlled at the main gate, which is manned 24 hours per day, seven days per week by armed security personnel. Several work areas, including all hazardous waste units, are either fenced with locked gates or are controlled by locked doors. Cattle guards or locked gates are located on all access roads to prevent cattle from entering the active areas. Fences are checked periodically for breaks or "wash-outs" and repaired when needed.

### **6.2 HAZARDOUS WASTE OPERATING UNIT FACILITIES**

The following information is provided to prevent unknowing entry and minimize the possibility for unauthorized entry of persons or livestock onto the active part of the NASA Hazardous Waste Units.

#### **6.2.1 Evaporation Treatment Unit**

The evaporation tanks are entirely surrounded by a seven-foot high chain link fence, with two 12-foot wide gates, one four feet wide. All gates remain locked, except when inspections, maintenance, sampling, and waste transfers are taking place. Signs with the legend "Danger - Unauthorized Personnel Keep Out" and "No Smoking" in Spanish and English are posted on all four sides of the fenced enclosure. These signs are legible from a distance of at least 25 feet.

The drain line and drain line sump are fully enclosed to prevent personnel intrusion. All waste drain sinks connecting to the drain line have posted signs that specify that these particular sinks be used for hazardous waste. In the area of the sump, "No Smoking" signs are posted and in view from all sides of the below grade tank.

## **6.2.2 Fuel Treatment Unit**

The FTU, constructed in the 500 Area, has a seven-foot high chain link fence, with one 26-foot wide access gate and one personnel gate, surrounding the entire unit. These gates remain locked at all times except when inspections, maintenance, sampling, and waste transfer activities take place. Signs with the wording “Danger - Unauthorized Personnel Keep Out” are posted in both English and Spanish on all four sides of the security fence and they are legible for a minimum distance of 25 feet.

## **6.3 CLOSED UNITS**

In addition to the measures previously described, there are area-specific factors which provide additional security for the closed units. The following delineates these area-specific factors. Both 200 Area Closures (the 200 Area East Closure and the 200 Area West Closure) are not accessible due to their construction design. Each closure is completed in the subsurface and sealed by protective covers (an asphalt parking area for the 200 Area East Closure and a concrete floor inside an operational building for the 200 Area West Closure). Additional security measures for the 300 and 400 Area Closures are provided by area-specific access restrictions, access control, and surveillance. Personnel entering either the 300 or 400 Test Areas must be cleared for access by blockhouse monitors stationed in each test area. These individuals strictly monitor visitors and entry/exit times and continuous video monitoring of the test areas is performed during site operational hours. Additional security measures for the 600 Area Closure include limited access to the closure. The closure is fenced and equipped with a locked gate to prevent unauthorized or accidental entry of personnel and/or livestock.