

**Environmental Restoration (ER) Project
Cerro Grande
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 18-005(a)
Storage Area**

Technical Area (TA)-18 is located off Pajarito Road near the confluence of Pajarito Canyon and Threemile Canyon. The principal activities at TA-18 are the design, construction, research, development, and application of experiments that involve chain reactions of atoms splitting fast enough to be self-sustaining (called nuclear criticality)..

PRS History: PRS 18-005(a), located in the flat area east of Building 18-23, was the site of a small, round, dirt-bermed wooden bunker that was used as a high explosive magazine for the former firing site PRS 18-002(a). Later, when TA-18 was used for nuclear criticality experiments, the items stored in the bunker contained uranium and beryllium oxide. The bunker was demolished in 1977, and the dirt berm was flattened or removed.

PRS 18-005(a) is listed on the Hazardous and Solid Waste Amendments module of the Laboratory's Hazardous Waste Facility permit. ER Project personnel have proposed the site for no further action. There is no evidence of any release from this building, and no indications of residual risk.

Issues of Concern: The area upstream of PRS 18-005(a) burned during the Cerro Grande fire (a fire intensity rating



of low to high). There is little potential for erosion or scouring. The site does

not contain debris that could enter the flood watercourse nor any structures that could interfere with or be impacted by flood mitigation efforts.

Accelerated Action Status: ER Project personnel believe that PRS 18-005(a) is a potential candidate for additional characterization.

Related Documents: November 2, 1995