

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

**Potential Release Site (PRS) 18-001(c)
Sump**

Technical Area (TA)-18 is located off Parajito 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 18-001(c) is a sump located in the basement of Building 18-30, the main laboratory building that houses offices for group managers, staff, and health physics personnel. The sump serves primarily to collect groundwater from drains outside the basement walls; however, some sinks and floor drains within Building 18-30 formerly drained to the sump. The sump was erroneously grouped with the sanitary lagoons and sewer lines by the Laboratory's Solid Waste Management Unit Report (LANL 1990). The sump has never been connected to the sanitary system; it discharges to an outfall (PRS 18-012[b]) south of Building 18-30.

PRS 18-001(c) is listed on the Hazardous and Solid Waste Amendments module of the Laboratory's Hazardous Waste Facility permit. PRS 18-001(c) has been proposed for no further action, although there are indications of residual risk at the site.



Issues of Concern: During the Cerro Grande fire, the area upstream of PRS

18-001(c) was burned at an intensity rated as low to high; however, there appears to be little potential for erosion or scouring. There is no debris or structures at the PRS that could enter the flood watercourse or be impacted by flood mitigation efforts.

Accelerated Action Status: No accelerated actions were recommended for PRS 18-001(c).

Related Documents: LA-UR-95-295