

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

**Potential Release Site (PRS) 02-003(c)
Delay System**

Technical Area (TA)-2, located in Los Alamos Canyon, housed several reactors, including the Omega West and Water Boiler Reactors. The reactors were shutdown, removed from the nuclear facilities list, and placed into the Laboratory's Decontamination and Decommissioning program.

PRS History: PRS 02-003(c) consists of the former location of two underground stainless steel delay tanks that were part of the gaseous effluent system associated with the Water Boiler Reactor. Off-gases from the reactor contained low levels of cesium 137, iodine 131, strontium 90, and technetium 99. The delay tanks were decommissioned and removed in 1986, and the connection to the Omega West Reactor vent line was capped. At the time of decommissioning, the tanks exhibited radioactivity; no radioactivity was detected in the soil beneath the tanks.

PRS 02-003(c) is not listed on the Hazardous and Solid Waste Amendments module to the Laboratory's Hazardous Waste Facility permit. The ER Project has not proposed the site for no further action.

Issues of Concern: The area upstream of PRS 02-003(c) burned during the Cerro Grande fire. The intensity of upstream burn was low to moderate. There is potential for erosion or scouring at the site. The site does not contain debris that could enter the flood watercourse. This site does not contain



structures that could interfere with or be impacted by flood mitigation efforts.

Accelerated Action Status: PRS 02-003(c) was evaluated after the Cerro Grande fire. The ER Project drilled two boreholes and collected six samples. The data has not yet been validated or reviewed. Accelerated corrective actions are in progress at the site.

Related Documents:

"TA-2 Water Boiler Reactor Decommissioning (Phase I)," LANL Report LA-10890-MS, October 1986.

"Solid Waste Management Units Reports," Vol. I of IV (TA-0 through TA-9) LANL Report LA-UR-90-3400, revised November 1990.

"RFI Work Plan for Operable Unit 1098 (TA-2, 41)," LANL Report LA-UR-92-3825, June 1993.