

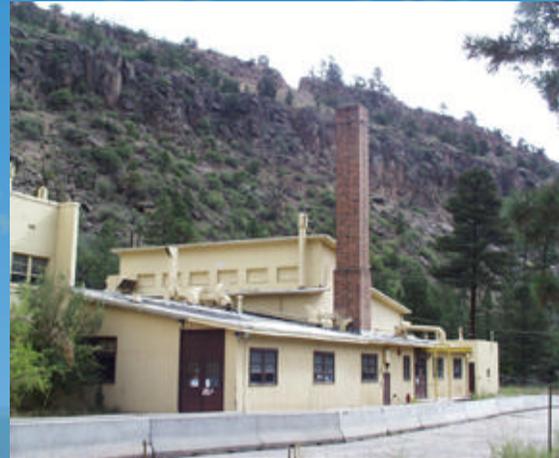
**Environmental Restoration (ER) Project
Cerro Grande Fire
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 02-004(a)
Omega West Reactor**

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 (D&D) program.

PRS History: PRS 02-004(a) is the Omega West Reactor, an enriched uranium plate-type reactor contained in an 8-foot closed vessel. The Omega West Reactor was housed in Building 2-1, and when operational consisted of two spent fuel rod holders, a concrete tank used as a transfer pool for "hot" (radioactive) fuel rods, an off-gas system comprised of a stainless steel tank and discharge stack, and two ion exchange systems used to remove contaminants from the reactor's cooling water.

PRS 02-004(a) 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. Clean up activities at PRS 02-004(a) will not be addressed until the reactor is decommissioned, which the D&D Group has programmed for fiscal year 2015.



Issues of Concern: The area upstream of PRS 02-004(a) burned during the Cerro Grande fire. The intensity of upstream burn was low to moderate. The site does not have a surface component, and there is little potential for erosion or scouring. The site does not contain debris that could enter the flood watercourse. The Omega West Reactor could interfere with or be impacted by flood mitigation efforts.

Accelerated Action Status: PRS 02-004(a) was evaluated after the Cerro Grande fire. In June 2000, the area was reinforced with concrete barriers to ensure that flood waters would not enter the site. D&D Group personnel are working on accelerated corrective actions, including removing materials that contain asbestos.

Related Documents:

"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.