



*Project Scope:* Fabrication, Assembly, Testing; Lead Shielded Gloveboxes; Material Transport Tunnel & Material Transport Conveyor; Service Piping; Control System; Complete Integration; ASME NQA-1.

The Pyrochemical Line is an assembly of lead shielded gloveboxes connected to a material transport tunnel that contains a trolley system for automated transfer of materials between gloveboxes. Gloveboxes contain furnaces, presses, and other plutonium processing equipment. Engineering design was performed by an engineering company contracted to a DOE facility, and all construction including fabrication, assembly, and electrical and control systems was performed by Springs Fab. At the time of the pictures the gloveboxes, the tunnel, and the transport trolley were complete. Connecting gate valves between the gloveboxes and tunnels, and the control system assembly and testing remain.