

BIERLEIN



Recently Completed Power/Utility Projects:

WE Energies – Port Washington, Wisconsin

Responsibilities included asbestos abatement and demolition of three large boilers and associated turbines, clean up of the coal handling areas, lead and asbestos abatement and



removal of a 500-foot smoke stack. The northern and western portions of the 70-year-old facade of the station were left intact and untouched

Upon completion of the project 22,000 tons of structural steel, 3,000 tons of specialty metals and 12,000 tons of concrete were processed and recycled

Consumer's Energy Big Rock Nuclear Plant – Charlevoix, Michigan

Demolition included the five main structures that consisted of the 8,033-square-foot screen-well pump house; the 32,400-square-foot turbine service building; a 5,654-square-foot administration building; a 240-foot-tall stack; and the 130-foot diameter reactor



BIERLEIN

sphere building. Prior to demolition, the site was meticulously cleaned and concrete surfaces were thoroughly scabbled to reduce contamination, but Bierlein still needed to take additional steps to prevent materials from spreading offsite.

The custom man basket that Bierlein engineered for this application included a catch pan that prevented debris from falling to the ground by conforming to the shape of the stack. A bracket to help support the considerable weight of the jackhammers was also included in the design. Individual segments of the stack, the largest measuring 24-feet tall and weighing 39,000-pounds, were lowered to the ground, where they were sorted along with other materials based on contamination levels, and transported away.

Nebraska Public Power District - Scottsbluff, Nebraska

Bierlein Companies performed asbestos abatement, environmental decommissioning, demolition and site restoration at Nebraska Public Power District's Scottsbluff power plant. The project included remediation and demolition of three turbine generators, four



boilers, fuel oil storage tanks, miscellaneous piping and all above grade foundations. Bierlein responsibilities included the proper disposal of all asbestos containing materials and universal wastes as well as recycling of the concrete on-site as clean backfill. The project was completed safely, on-time and within budget.

BIERLEIN

Dow Chemical Company, Midland Michigan

This “turn-key” project involved the environmental cleaning, asbestos abatement, and complete demolition of the powerhouse. All site work was conducted during active operation of the chemical plant. Contract amount: \$7 Million



Jacksonville Electric Company - Jacksonville Florida

This project included the asbestos abatement and demolition of boiler units 1, 2 and 3 and building restoration. The project was conducted during the active operation of the facility.

