



DETROIT EDISON BOILER HOUSE NEWPORT, MICHIGAN

detroit edison boiler house

DETROIT EDISON ENRICO FERMI 1 BOILER HOUSE

OWNER Detroit Edison Energy Company | LOCATION Newport, MI | FACILITY TYPE Boiler house

PROJECT BACKGROUND

In 1999, Brandenburg was retained by Detroit Edison Energy Company to demolish the Fermi 1 Boiler House at the Enrico Fermi Power Station. The abandoned six-story boiler house contained a suspended oil fired boiler. The building was in close proximity to an idled turbine generator, a nuclear reactor, office buildings, adjacent switch yard, and underground utilities. These tight quarters necessitated careful manual demolition of the structure.

SCOPE OF WORK

Engineered the sequential dismantling of the 80-ton steam drum suspended from the obstructed roof of the building

Developed and maintained a site-specific Health & Safety Program

Removed the suspended oil fired boiler and associated piping from within the boiler house

Removed the boiler house to grade

Rigged and hoisted three elevated rupture diaphragm tanks and associated piping from a controlled area located adjacent to the Fermi 1 Reactor building

Rigged and hoisted an 80-foot tall flue stack from the top of an adjacent building containing a package boiler

