

DECOMMISSIONING OF OIL-FIRED POWER PLANT CUTLER BAY

2010



Tierra Group was contracted to provide pre-demolition contamination assessment services at a heavy fuel oil-fired power generation facility directly abutting the environmentally-sensitive marine surface waters of Biscayne Bay, classified as an Outstanding Florida Water by Chapter 62-302.700, F.A.C. The facility also abuts single-family residences and a K-12 school.

Professional Engineers and Geologists conducted a suite of environmental services to support site redevelopment:

- Asbestos and lead surveying of all infrastructure
- Sitewide demolition aerosol air monitoring
- Soil and groundwater assessment of 70-acre plot
- Contamination evaluation and source removal activities, inclusive of wastewater pond cleanup/closure

2014



2016



The facility, constructed in 1949, operated for more than six decades providing electricity to 350,000 homes and businesses. After reaching the end of its operable life, the plant was decommissioned in 2012. Engineering controls were implemented to prevent contact with impacted soils remaining at the site. Following extensive dialog with regulators, the site was sold for planned residential development in 2018.