



Power Plant Decommissioning and Demolition Services

CEC provides a range of environmental liability management services to power generating utilities for the safe decommissioning and demolition (D&D) of retired coal-fired power plants.



For coal-fired unit deactivation planning, CEC provides environmental investigation, mitigation, and demolition for projects ranging from small two-unit boiler houses up to very large multi-unit boiler houses with miscellaneous ancillary structures and equipment. CEC's approach is to perform a phased project scope that focuses on safety and compliance and provides clients with a usable and marketable asset upon completion of the D&D activities.

CEC provides assistance and engineering support in assessing, quantifying and managing the environmental liabilities of retired coal-fired power plants and oversight services of the abatement and demolition contractor teams, including the following:

- Environmental characterization and facility liability assessment
- Regulatory compliance and closure, and agency interface
- Inventory removable and salvageable assets
- Decommissioning work plan preparation and evaluation of alternatives: mothball, remediate and mothball, remediate and dismantle equipment (adaptive reuse), and complete demolition
- Development of plans, specifications and bid packages and providing bid support
- Construction Management (owner's representative) and oversight of contractors
- Review of contractor submittals
- Construction quality assurance
- Surveying and field engineering support
- Waste management and disposal oversight of regulated materials including asbestos, lead, polychlorinated biphenyls (PCBs), oil and oily water, de-ionization resins, mercury and mercury components, fluorescent lights and ballasts, and miscellaneous chemicals
- Storage tank closures
- Teaming with contractors and consultants during the abatement and demolition phases
- Backfill/grading plans and specifications
- Site remediation and brownfield redevelopment