



NUCLEAR DECOMMISSIONING

WE SPECIALIZE IN THE SAFETY, PLANNING, AND EXECUTION OF DECOMMISSIONING RADIOLOGICALLY IMPACTED SITES, MANAGING NUCLEAR MATERIALS, AND TRANSPORTING ENVIRONMENTAL WASTE.

APTIM provides comprehensive radiological support, consulting services, and decontamination and demolition of facilities and components contaminated with radioactive, toxic materials and hazardous waste constituents. We provide project management support, radiological surveys, dose and risk assessment, radioactive materials licensing implementation, radioactive waste management, structural engineering services for dismantlement of equipment and systems, and the preparation of large components for shipping and other ancillary activities. We provide these services for power plants, ships, and industrial facilities with a focus on the protection of our clients, their communities, and the environment.

WHY APTIM

APTIM prioritizes the incorporation of facility decommissioning safety protocols and procedures for our clients. We begin with an engineering assessment for partial or full closure, which means we determine the most cost-effective, safe, and efficient way to decommission, decontaminate, and demolish a facility when necessary. Initial risk assessments, detailed cost estimates, and environmental surveys all help our clients make an informed decision regarding the decontamination, demolition, and remediation of the facility. Once the decisions regarding asset disposition have been made, APTIM supports execution as the owner's engineer, construction manager, and/or demolition contractor.

BUSINESS LINES

- U.S. Army Corps of Engineers Projects
- U.S. Department of Energy Projects
- U.S. Navy Projects

APTIM AT WORK

APTIM has successfully provided dismantlement and disposal support to the Naval Sea Systems Command Program Executive Office, Aircraft Carriers Ship Inactivation Office. The contract was initiated in 2020 and concluded in 2023. The project scope included taking possession of the U.S. Navy Surface Ship Support Barge from Norfolk, Virginia, and transporting it to Mobile, Alabama. In Alabama, sections of the vessel were removed and moved to a containment structure for size reduction, waste packaging, and transport preparation. APTIM transported and disposed of more than 740 shipments, 8,000 tons of low-level waste, and 380 tons of steel for unrestricted use.

LEADERSHIP

DAVE LOWE

Senior Vice President, Nuclear Decommissioning

David Lowe has more than 40 years of experience in nuclear operations and engineering. He previously served in various positions at Jacobs/CH2M HILL with both domestic and international assignments; Department of Energy; and the Defense Nuclear Facilities Safety Board.

David started his career in the Nuclear Navy as a submarine officer and qualified as an engineer by Naval Reactors. He holds Master of Engineering and Bachelor of Science degrees in chemical engineering, as well as a Master of Business Administration. He is a Registered Professional Engineer in chemical engineering and a certified Project Management Professional.

DAVID LOWE, PE, PMP

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HUMBOLDT BAY POWER PLANT

ABOUT APTIM

APTIM enhances the quality of the environment, wellbeing of people, resilience of communities, and opportunity for employees to make a difference, not just a living. A leading professional solutions firm, we specialize in environmental, sustainability, resilience, and infrastructure solutions. Our team of experts provide these integrated solutions for forward-thinking government agencies, commercial and industrial clients, and energy customers. Together, we create sustainable and resilient communities for all.



MH1A STURGIS BARGE