

Decontamination & Decommissioning

Commodore Advanced Sciences, Inc. (CASI), capabilities cover all phases of decontamination and decommissioning (D&D) from planning and assessment to final release. CASI has applied D&D and related site cleanup abilities at many major U.S. Department of Energy (DOE) sites, U.S. Department of Defense installations, and commercial nuclear sites. Our capabilities include remediation of hazardous, radioactive, and mixed waste contaminated structures, equipment, and facilities.

CASI offers the experience and personnel needed to meet the varied demands of D&D projects, such as project planning and management, inspection, facility characterization, regulatory support, environmental health and safety support, mobile waste treatment and site remediation. CASI personnel include D&D project managers, planners, design engineers, estimators, field technicians, inspectors, and field supervisors. Our personnel have successfully completed size reduction, containment design, and packaging, and transportation activities in support of a wide range of D&D projects.

CASI experience includes support to:

- Los Alamos National Laboratory D&D Program (LANL E-DND); which included preparation of summary facility demolition project management plan; site health and safety, system characterization, waste management, and disposal planning; historical assessment and an engineering cost estimate and schedule report; and field sampling.
- Characterization Support at DOE Rocky Flats Environmental Technology Site (RFETS); support site programs for the characterization and clean-up of buildings contaminated with radionuclides and trace metals, such as beryllium, asbestos, PCBs, and solvents.
- Technical and Administrative Support to D&D at RFETS – CASI developed a computerized system whereby engineers throughout the facility could access digital copies of engineering documents/drawings through the RFETS Intranet.
- Oak Ridge National Laboratory (ORNL) D&D Program – CASI developed life cycle waste forecasts and coordinated disposal of regulated wastes in accordance with the site Waste Certification Program Plan.

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