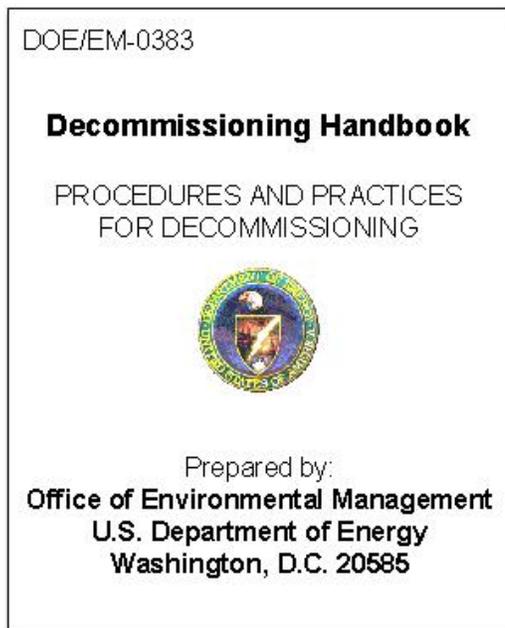
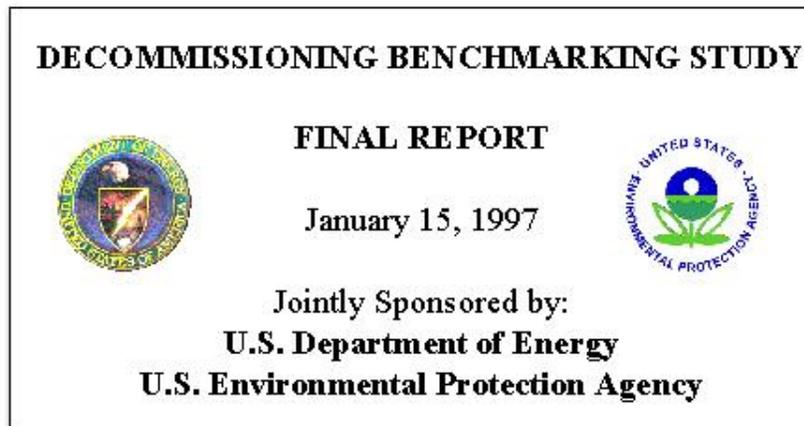


# DECOMMISSIONING DOCUMENTS



The Decommissioning Handbook has been developed to incorporate examples and lessons learned, and to illustrate practices and procedures for implementing each step of the LCAM Decommissioning Implementation Guide.

## Decommissioning Handbook



DOE's former Office of Environmental Restoration (EM-40) conducted a benchmarking study of its decommissioning program to analyze physical activities in facility decommissioning and to determine approaches to improve the decommissioning process. The study focused on quantifying productivity of decommissioning physical activities and identifying how productivity is affected by specific working conditions.

## Decommissioning Benchmarking Study

The decommissioning benchmarking results are the foundation for several distinct products:

- Productivity range benchmarks for physical activities
- Unit cost factors to improve cost estimating capabilities
- Served as integral part of Process Improvement Goals
- Support refinement of the Decommissioning Technologies Preferred Alternatives Matrix (PAM)

## The Bottom Line:

- Does DOE perform decommissioning as efficiently as the private sector?** *At the physical task level, available data show that the productivity rates of federal and non-federal decommissioning projects are equivalent.*
- Are existing technologies adequate to conduct decommissioning?** *Most DOE decommissioning tasks, not requiring remote operation, can be handled safely and adequately with commercially available technology. DOE technology development programs, however, may improve the safety and efficiency of the most challenging tasks.*