

Laboratory Management Services

BWXT Nuclear Energy, Inc. (BWXT) maintains extensive facilities for analyzing and testing radioactive materials at its Lynchburg Technology Center (LTC) located in Lynchburg, Virginia. The Lynchburg Technology Center laboratories operate under NRC and State of Virginia licenses which are broad special nuclear material/ source/byproduct licenses that allow receipt and handling of nearly all types and quantities of radioactive materials. The organization includes an experienced staff of engineers, chemists, program managers, health physicists and technicians, as well as a quality assurance program that meets the requirements of NQA-1 and 10 CFR 50, Appendix B.

Our laboratories are structured to successfully complete critical projects such as failure investigations on a rapid turnaround basis. We also have secure facilities to accommodate classified samples (DOE-CRD). A project leader in the appropriate area of expertise is assigned for each new project and serves as the technical point of contact to the customer.

The project leader maintains overall control of the project including: schedule, cost, technical performance, and quality of work.



Cask handling operations

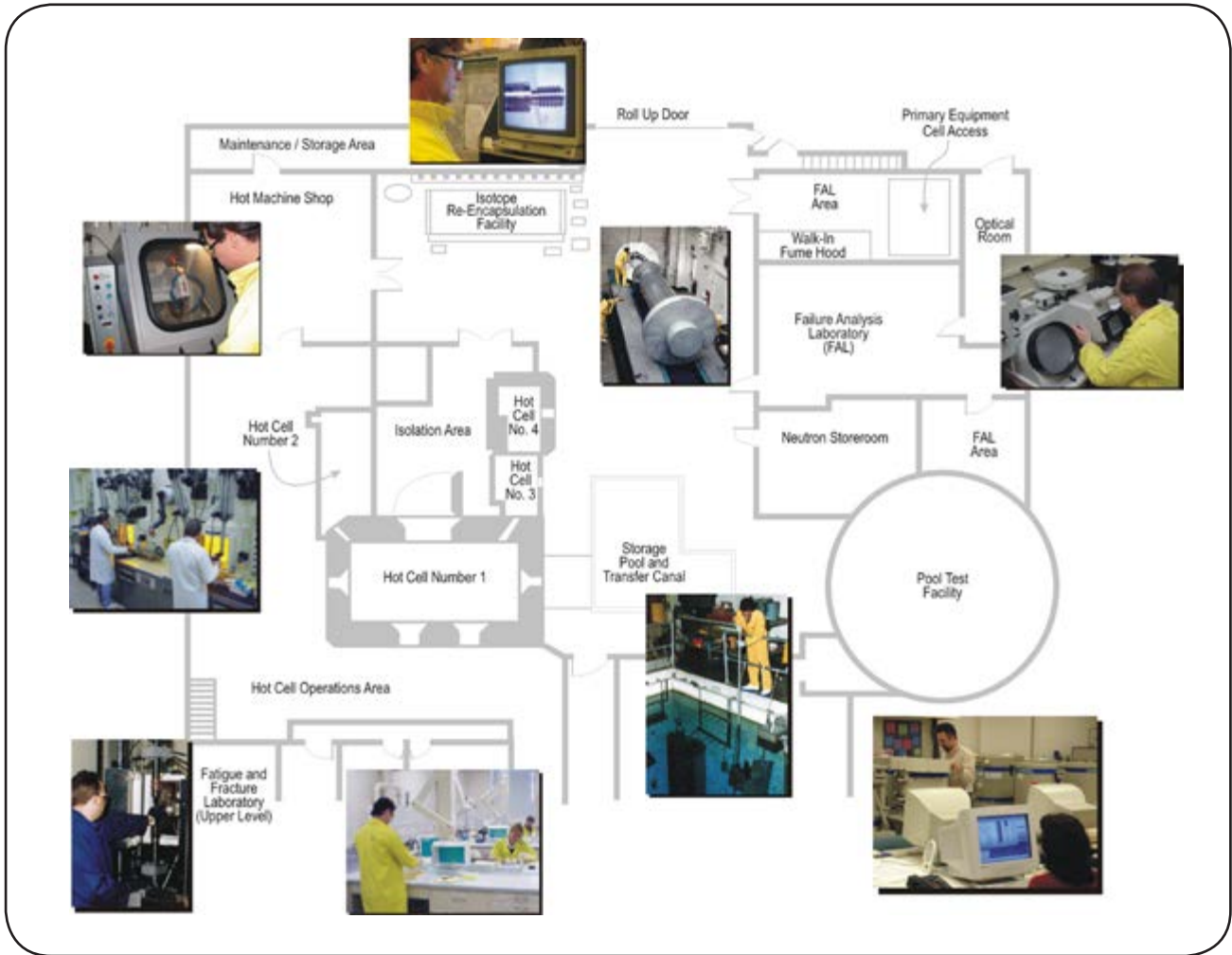


Sample preparation in radiochemistry laboratory

Facilities

BWXT facilities available for handling and examining radioactive samples or components include:

- Failure analysis laboratory
- Fatigue and fracture laboratory
- Scanning electron microscopy laboratory
- Hot cell facility
- Isotope re-encapsulation facility
- Hot machine shop
- High bay area with 25 ton bridge crane
- Storage / transfer pool with underwater video
- Analytical chemistry laboratory
- Radiochemistry laboratory
- Nondestructive evaluation
- High temperature induction furnaces
- High temperature graphite furnace
- Hot isostatic pressing
- Chemical vapor deposition/infiltration



Nuclear laboratory facilities

NUCLEAR ENERGY GOVERNMENT SERVICES ADVANCED TECHNOLOGIES

Headquartered in Lynchburg, Va., BWX Technologies, Inc. (BWXT) is a leading supplier of nuclear components and fuel to the U.S. government; provides technical, management and site services to support governments in the operation of complex facilities and environmental remediation activities; and supplies precision manufactured components and services for the commercial nuclear power industry. BWXT has more than 5100 employees and significant operations in Lynchburg, Va.; Erwin, Tenn.; Mount Vernon, Ind.; Euclid, Ohio; Barberton, Ohio; and Cambridge, Ontario, as well as more than a dozen U.S. Department of Energy sites around the country. Follow us on Twitter @BWXTech and learn more at www.bwxt.com.

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