

# Westinghouse Electric Company Waltz Mill & PN Services Sites D&D Project Planning

Location:	Client:	Duration:	Scope:
Waltz Mill Site Madison, Pennsylvania PN Services Site Richland, Washington	Westinghouse Electric Company	January 2002 to April 2011	Project Plan Development and Cost Estimating

Key members of REIN staff were responsible for a contract to provide an independent, detailed evaluation of licensed activities at the Westinghouse Waltz Mill and PN Services sites. The project scope was to provide Westinghouse management with a detailed decontamination and decommissioning project plan, cost estimate, and schedule for each site.

The Westinghouse Waltz Mill Site is located in Madison, Pennsylvania. The site is approximately 850 acres. From its inception, the site has possessed and/or used radioactive materials. Westinghouse purchased the 850-acre site and constructed a nuclear test reactor and support facilities for materials testing.

The PN Services Site is located in Richland, Washington. The site is approximately seven acres. Activities conducted at the PN Services Site include storage, cleaning, and restoration of radioactively contaminated equipment, laboratory and technical investigations using radioactively contaminated or irradiated reactor components, and demonstration testing of waste process technology using radioactively contaminated materials and solutions.

As a result of the activities performed at these sites, areas, structures, and environmental media have become contaminated. These areas must be decommissioned, decontaminated, or remediated prior to license termination. The decommissioning project plans, cost estimates, and schedules were developed using an iterative planning approach where all of the project elements are displayed and organized on a WBS. Elements within the WBS were identified as work packages and represent the level at which the decommissioning of each site was planned. The work packages identified the detailed scope of work to be performed, the technical approach, planning assumptions, activities, durations, and resource requirements.



## Project Performance Features:

- ✓ Development of comprehensive project plans for reactor and laboratory facility decommissioning activities.
- ✓ Development of integrated cost estimates and schedules.