

scenarios, and to identify and characterize cumulative impacts of future industrial uses of the site. In addition, the assessment provides DOE with environmental information for developing lease restrictions.

In 2002, NEPA reviews supported 24 potential lease actions as well as tenant modifications and improvements to facilities. Other NEPA reviews covered more routine maintenance actions, such as roof repairs, tree and underbrush removal, trailer removals, and gate installations. No job-specific categorical exclusions were prepared or approved in 2002 for ETP.

At Y-12, 24 job-specific categorical exclusion documents were prepared and were approved in 2002 in support of the Infrastructure Reduction Program. The Infrastructure Reduction effort is focused on preparing the Y-12 Complex for modernization; during FY 2002 it reduced the Y-12 "footprint" by over 500,000 ft² by building demolition. In addition, job-specific categorical exclusions prepared by BJC were approved for the closure of Y-12 RCRA waste storage unit OD-8, container storage unit 9720-58, and the closure of Construction/Demolition Landfill VI. Other general NEPA categorical exclusion reviews covered routine actions, such as office renovations, improvements to security systems, equipment replacements, and infrastructure improvements. A total of 130 NEPA reviews were performed and approved in 2002.

In September 2001, DOE published the *Final Site-Wide Environmental Impact Statement for the Y-12 National Security Complex* (DOE 2001c), which considers the environmental impacts of ongoing and proposed activities at Y-12. DOE expects that it will continue to support new projects and facilities for Y-12 (or that it will consider Y-12 as an alternative site for such facilities or activities). Such new proposals will be considered in programmatic or project-specific NEPA reviews, as appropriate, as they become ripe for analysis. Subsequent NEPA reviews for projects or activities at Y-12 will make reference to, and be tiered from, the EIS. In addition, specific analyses were presented for two proposals for new facilities and alternatives for the highly enriched uranium storage and the special materials missions at Y-12. The Preferred Alternative presented in the final site-wide environmental impact statement is to continue the

historic mission support operations at Y-12 and to construct and operate a new Highly Enriched Uranium Materials Facility and a new Special Materials Complex at Y-12.

In March 2002, DOE-NNSA issued the Record of Decision on the Site-Wide Environmental Impact Statement for the Y-12 National Security Complex, which is the formal statement of the agency's decision on the proposed action evaluated in the environmental impact statement. The decision on the proposed Highly Enriched Uranium Materials Facility is construction of the new facility in the Y-12 West Portal Parking Lot. The record of decision deferred the decision on the location for construction of the Special Materials Complex pending completion of ongoing studies to reevaluate the special material mission and project configuration. The Special Materials Complex proposed in the environmental impact statement included a Beryllium Production Facility, a Purification Facility, a Manufacturing/Warehouse Facility, an Isostatic Press Facility, and a Core Support Facility.

The proposed Special Materials Capabilities Program Purification Facility is one of the requirement, configuration, and design preliminary studies associated with the Special Materials Complex. The proposed site for construction of the facility is at the former site of 9720-40, which was demolished in 2002 (just south of Second Street, east of Building 9204-1). This site was evaluated and is favored because of the existing utility infrastructure. It is located within the existing Y-12 Complex footprint. NNSA has completed a supplemental analysis (in accordance with 40 CFR 1500-1508 and 10 CFR 1021.314c) to provide the basis for the site selection and the determination of whether a supplemental environmental impact statement was required for construction and operation of the Purification Facility. The *Final Supplemental Analysis for Purification Facility Site-Wide Environmental Impact Statement for the Y-12 National Security Complex* (DOE 2002c) was approved and issued in August 2002. The supplemental analysis concludes that construction and operation of the Purification Facility at the proposed location would not result in potential environmental impacts significantly different from those analyzed for the Special Materials Complex in the Y-12 Site-Wide Environmental Impact