

6.0 Resource Requirements

This section identifies the resources required to achieve the goals and objectives of the accelerated cleanup mission. Resource requirements for both federal and contractor activities are provided. The resources to support the baseline consist of the funding provided by Congressional appropriations, federal and contractor staffing, technological needs, and specific services and items to be provided by the DOE. The lifecycle cost baseline for the EM Cleanup Project by Project Baseline Summary (PBS) is provided within this section.

The lifecycle cost baseline estimates are based on the assumptions reflected in Section 3.2, Key Assumptions. Near term cost estimates for the site management and operating (M&O) contractor are consistent with the Contract Performance Baseline (CPB) for the contract period through November 2006.

6.1 Federal Resource Requirements

Table 6.1.1 provides the federal staffing, funding requirements, and cost baseline for each year through target EM completion date of FY 2025. In this instance, funding requirements and the cost baseline are equivalent. The costs consist of salaries and benefits for the federal staff. The costs also include employee awards, training, travel, supplies, contractual services, and support service contractors. Contractual and support service contractors provide services such as: legal library services, payroll processing, the Employee Assistance Program, and safeguards and security technical support to ensure that there are no negative impacts which would delay the EM clean up effort. Cost of services and products provided to the federal staff by the site M&O are also included. These include: information technology system support, printing services, vehicle and facility leases, equipment rental, training, books/publications, materials, special events, radios/pagers, medical services, postage, and building maintenance.

Table 6.1.1 (TBD) provides the federal staffing, funding requirements, and cost baseline for EM Cleanup Project.

Table 6.1.1 Federal Staffing, Funding Requirements, and Cost Baseline

To Be Determined (TBD)

6.2 EM Project Baseline Summary Funding Requirements

Table 6.2.1 (TBD) reflects the funding requirements, cost baseline, and estimated site M&O contractor staffing levels by fiscal year for all EM Cleanup Project work scope at SRS. Funding requirements and the cost baseline are equivalent. The funding requirements represent the appropriated funds required to accomplish the work scope. The cost baseline represents the total cost estimate to accomplish the work scope, inclusive of direct, indirect and overhead elements. The cost baseline for each PBS is found in Section 8.0.

The total cost baseline for each PBS is further divided into cost for “base” scope and cost for “new and/or revised” scope. The base scope as defined here includes all work required to achieve the overall objectives of this *PMP* excluding a few significant initiatives that are clearly new to the EM baseline and will result in an increase to the site’s lifecycle cost profile. This new scope is:

- operation of H Canyon and HB Line beyond FY 2006,
- construction and operation of a new plutonium disposition option,
- acceleration of the SNF Treatment and Storage Facility,
- implementation of the recently defined Design Basis Threat Guidance,
- assumption of the long-term 3013 container surveillance program previously coordinated by the Los Alamos National Laboratory, and
- decommissioning of all EM facilities by the end of FY 2025.

Cost estimates for the *2004 PMP* have been developed based on traditional operating practices and do not reflect all of the cost reduction and efficiency options currently being considered and realized by DOE and the site contractors. Therefore, a management challenge, or anticipated cost reduction of approximately 20% has been assumed for much of the work scheduled in this *PMP*. These savings are not guaranteed, however, based on recent performance by the site, it is anticipated that cost reductions will be achieved to meet SR’s goal which is to be a model of efficiency and cost-effective performance.

Changing traditional methods of management to focus on streamlining, reducing and tailoring requirements to the work being accomplished have and will continue to result in significant cost reductions. For instance, through initiatives such as Requirements Based Surveillance and Maintenance, SRS identified and eliminated activities that exceeded minimum essential surveillance and maintenance requirements. Institutionalizing a project management approach for our PBSs will further efforts to focus the site on accelerated cleanup, and specifically identify and eliminate requirements and activities with little added value while maintaining a safe and cost-effective program. Applying commercial standards and experience gained from cleanup activities at other DOE sites has and will continue to result in cost reductions. Applying these philosophies to the cleanup program will require

cooperation among DOE, its contractors, customers, and stakeholders to maximize the opportunities for cost reductions which can be reinvested in cleanup work.

Significant savings, although early in the lifecycle plan, are beginning to be realized largely through our contracting efforts. As described in Section 4.2, a contract modification with the site's prime contractor was renegotiated last year. Based on performance to date, the contractor is achieving greater than expected savings and performing additional work with those savings. Continued performance at this level is required to meet the site's funding challenge. SR believes these cost reductions, however challenging, can be achieved by maintaining the synergy and momentum that has been built over the last several years at SRS through an institutionalized project management approach, and by implementing the cleanup strategy described in this *2004 PMP*.

6.3 Government Furnished Services and Items

Project-specific Government Furnished Services and Items are provided in Section 8.0.