

Table 1 (Cont'd)  
Shoreham Waste Volume

SYSTEMS

Control Rod Drive	515	B-25	5	1
Core Spray	1,545	B-25	15	2
Residual Heat Removal	15,141	B-25	147	17
Reactor Water Cleanup	9,167	B-25	89	10
Fuel Pool Cleanup	2,472	B-25	24	3
Condensate Demineralizer	1,957	B-25	19	2
Reactor Recirc.	5,974	B-25	58	7
Liquid Radwaste	5,974	B-25	58	7
Sampling	309	B-25	3	

MISCELLANEOUS

Demineralizer Resins/ Filters	3.212	HIC	22	8
Fuel Racks & Appurtenances	8,258	Cargo Container	25	14
Process Waste and DAW	7,725	B-25	75	4

The staff has reviewed the licensee's plans for waste handling and packaging and concludes that they are consistent with the applicable provisions of 10 CFR Parts 20, 61, 71, Department of Transportation Requirements, and the staff's "Technical Positions on Waste Form" (Ref. 24), and are acceptable.

4.7 Waste Transportation and Disposal

The licensee's plans for the transportation and disposal of radioactive waste are described in Section 4.3.3 of the EA (Ref. 6). The staff has reviewed the licensee's plans for waste transportation and disposal and has concluded that they are consistent with the applicable requirements of 10 CFR Parts 20, 61, and 71, and with U.S. Department of Transportation regulations, and are acceptable.

5.0 UNRESTRICTED-USE REQUIREMENTS

The licensee's proposed unrestricted-use criteria are described in Section 4.7 of the EA (Ref. 6).

5.1 Unrestricted-Use Criteria

The licensee intends to use the criteria in Regulatory Guide 1.86, "Termination of Operating Licenses for Nuclear Power Reactors" (Ref. 25) for fixed and removable contamination on systems and components, building surfaces, and structures. The licensee further plans to employ, as a criterion, an exposure rate of 5 uR/hr above background for gamma-emitting radioisotopes, measured at a distance of 1 meter. The staff considers these criteria reasonable and acceptable.

5.2 Final Radiation Survey Plan

The licensee prepared its final radiation survey plan based on the guidance provided in NUREG/CR-2082, "Monitoring for Compliance with Decommissioning

Termination Survey Criteria" (Ref. 26), Regulatory Guide 1.86 (Ref. 25), and NUREG/CR-2241, "Technology and Cost of Termination Surveys Associated with Decommissioning of Nuclear Facilities" (Ref. 27).

The plan contains an outline for the final survey report, a comprehensive list of areas, in the plant, that are currently contaminated, and a list of areas with the potential for becoming contaminated during decommissioning. The instruments to be used for the final survey are adequate to access contamination at levels below the average limits in Regulatory Guide 1.86 (Ref. 25). The proposed sampling frequency is adequate to provide assurance that the reported survey results represent the actual average contamination level of the areas being measured. The staff has reviewed the licensee's final termination plan, and it meets the requirement of 10 CFR 50.82(b)(3); based on that review, the staff finds the plan reasonable and acceptable.

## 6.0 Organization and Responsibility

The overall control and responsibility for the decommissioning of Shoreham Nuclear Generating Station rest with LIPA. Seven individuals from New York Power Authority (NYPA) with nuclear experience are to fill "LIPA/NYPA Coemployees" positions. These positions are considered the most vital for the conduct of a safe and effective decommissioning.

The Resident Manager is the senior onsite LIPA manager and, as such, this individual has the ultimate onsite authority. There are five principal management functions that report directly to the Resident Manager. The functions are as follows:

- Decommissioning Project Management
- Operations, Maintenance, and Radiological Control
- Licensing and Regulatory Compliance
- Station Services
- Financial and Administrative Services.

Figure 1 provides an organization chart for the decommissioning effort.

### 6.1 LIPA Executive Director

The Executive Director of LIPA is responsible for the day-to-day direction and administration of LIPA, including all matters involving asset transfer, license transfer, maintenance, and decommissioning of the Shoreham plant.

### 6.2 Executive Vice President-Shoreham Project

The Executive Vice President-Shoreham Project, reports directly to LIPA's Executive Director and is responsible for the overall direction, radiological and industrial safety, cost, and schedule for the project. He is the corporate officer responsible for Quality Assurance (QA) program implementation and review, protection of occupational and public safety, and coordination with regulatory agencies.

### 6.3 Resident Manager

The Resident Manager reports directly to the Executive Vice President-Shoreham Project. The Resident Manager has overall responsibility for day-to-day management of decommissioning activities. Through his subordinates, he directs the technical, administrative, and regulatory functions, to accomplish all task activities comprising the decommissioning project.