

- 1.3 All radiation control areas will be posted, locked and sealed.
- 1.4 All entrances to the ship not in use will be secured at all times.
- 1.5 The entrance in Item 1.2 above, will be fitted with an intrusion alarm with audible and visual signals located at a location that is manned by a guard or security officer.
- 1.6 Security personnel will patrol the vessel at least once during a twenty-four (24) hour period.
- 1.7 Deviations from the above access control conditions will be in accordance with appropriate parts of Section 3 of these Technical Specifications, Administrative Controls.

2. Surveillance

- 2.1 Periodically and at least once a quarter, MARAD's designated personnel will inspect the seals on the control area doors and test the intrusion alarm in Item 1.5.
- 2.2 Radiation surveys of the ship shall be made annually, and environmental surveillance shall be made semi-annually by the designated representative of U.S. Army Center for Public Works, Humphries Engineering Center (formerly the U.S. Army Engineering and Housing Support Center, Safety and Occupational Health Office) or alternative contractor personnel designated by the license holder.
- 2.3 Radiological surveys will be made:
 - a. In unrestricted and restricted employee areas of the ship.
 - b. In the compartment below the containment vessel for radiation levels and water leakage.
 - c. In the Port and Starboard Stabilizer rooms.
 - d. In the Forward control areas.
 - e. In Charge pump rooms.
 - f. In the Hot Chem. Lab. in the control room area.
 - g. In the accessible areas adjacent to the entries to the controlled areas.
- 2.4 In addition to the periodic radiological surveys, thermoluminescent dosimeters (TLDs) or equivalent monitoring devices shall be placed at strategic locations throughout the vessel to monitor the radiation from reactor generated materials. MARAD shall determine these locations on the vessel and shall require dosimeter readings at least semi-annually.