

REQUEST FOR ADDITIONAL INFORMATION  
BY THE OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS  
N.S. SAVANNAH - REQUEST FOR APPROVAL OF  
THE FINAL STATUS SURVEY FINAL REPORT 1 OF 5, REVISION 1  
UNITED STATES MARITIME ADMINISTRATION  
NUCLEAR SHIP SAVANNAH  
DOCKET NO. 05000238  
EPID L-2025-DFR-0000

**Background**

By letter dated November 20, 2025 (Agencywide Documents Access and Management System Accession No. ML25329A041), as supplemented by letter dated December 15, 2025 (ML25351A097), United States Maritime Administration (MARAD, licensee), submitted its first of five planned Final Status Survey (FSS) Final Reports. That submission included the base report, and a tranche of fifteen (15) attached Survey Unit Release Records (SURR).

The NRC staff reviewed the information submitted and determined that additional information is required to complete its review. To support the NRC staff's technical review of the FSS report request pursuant to the regulations in Title 10 *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," Section 50.82, "Termination of license," please provide the additional information described in the specific requests for additional information (RAIs) and request for clarifying information (RCI) listed below.

**RAI 1**

Section 4.3.2, "STR-101-02, Containment Vessel (CV) – 1st Level (Tanktop), Port Side," of the FSS report discusses inaccessible locations for decommissioning. Clarify whether the inaccessible locations for decommissioning did or did not meet the Derived Concentration Guideline Levels (DCGL)w.

**RAI 2**

Section 3.2, "Survey Unit Descriptions," of the FSS report discusses each survey unit. Justify why some Class 1 survey units and systems and components significantly exceed the MARSSIM guidelines for survey unit size (total surface area).

**RCI 1**

Attachment 2, "Calibration Records," of the FSS report discusses instrument efficiency. It was noted that instrument efficiency was determined for measurements over grated surfaces. Clarify whether this accounted for the actual grated surface beneath the detector being significantly less than 100cm<sup>2</sup> in surface area or if this is addressed elsewhere in the measurement determination.