NAVSEA
STANDARD ITEM

FY-25

ITEM NO: 009-110
DATE: 01 OCT 2023
CATEGORY: I

1. SCOPE:

1.1 Title: Non-Nuclear Work on a Nuclear Vessel; accomplish

2. REFERENCES:

2.1 Joint Fleet Maintenance Manual (JFMM)

3. REQUIREMENTS:

3.1 Provide a written training plan for accomplishing non-nuclear work on nuclear vessels, using Volume IV, Chapter 10 of 2.1 for guidance.

3.1.1 Submit one legible copy, in approved transferrable media, of the training plan to the SUPERVISOR no later than 15 days prior to availability start date.

3.1.2 Submit revisions to the training plan to the SUPERVISOR for review and acceptance prior to use.

3.1.3 Implement the approved training plan prior to commencement of non-nuclear work on nuclear vessels.

3.2 Train all personnel (including subcontractors) assigned to perform work on a nuclear vessel in accordance with the approved training plan of 3.1 prior to start of work.

3.2.1 All personnel must have direct knowledge of work control procedures, be able to recognize and initiate alarms, and be familiar with actions to be taken to evacuate the vessel.

3.2.2 Submit one legible copy, in approved transferrable media, of a list of qualified contractor and subcontractor personnel to the SUPERVISOR no later than 15 days prior to start of work. The list must include company name, badge number, and date training was provided, along with certification documentation showing that training requirements have been met.

3.2.2.1 Submit updates to the list as changes occur throughout the availability.

3.3 Accomplish a joint on-site brief and walkthrough of the work site with the SUPERVISOR and the Commanding Officer's designated representative prior to start of work.

3.3.1 Include identification of all nuclear equipment including nuclear temporary/support systems and radiological containment materials located in the area of work, components and/or systems which may be affected by the work, and lessons learned from previously accomplished or similar work.

3.3.2 Evaluate services/temporary systems to be installed by the contractor that run through spaces containing nuclear equipment for possible leakage/spray protection.

3.3.3 The contractor must identify all possible contact with nuclear equipment or nuclear temporary/support system identified in the space prior to start of work.

3.3.4 Evaluate the rigging path for potential collateral damage to nuclear components/piping. All inadvertent contact with nuclear equipment or nuclear temporary/support system in the work area during the work must be brought immediately to the attention of the SUPERVISOR.

3.3.5 Submit one legible copy, in approved transferrable media, of a written report of the requirements of 3.3 to the SUPERVISOR within one day after completion of the briefing and walkthrough.

3.4 Maintain approved written instructions for accomplishing non-nuclear work on the work site at all times.

3.4.1 Do not accomplish work or disturb any system or component without specific approved written instructions for accomplishing work on nuclear vessels.

3.5 Material (permanent or temporary) must not contact nuclear piping/components unless specifically authorized by the SUPERVISOR. Some examples are cleaning fluid sprays, dripping grease or liquids, inadvertent paint splatter, attaching rope or strings, wood, tape, plastic bags, temporary contractor’s services that contact hot or cold nuclear piping and components.

3.6 Report immediately inadvertent contact with or damage to nuclear equipment regardless of how minor (e.g., gouges, scratches, dents, slag, carbon arc, corrosion) to the SUPERVISOR.

3.7 Prohibit the following items from being brought onboard any nuclear-powered vessel or nuclear support vessel:

3.7.1 Any mercury bearing equipment such as mercury thermometers, portable fluorescent lights, black lights or any other items containing mercury.

3.7.2 Nickel-Cadmium fasteners.

3.7.3 Any device that contains a source of radioactivity.

3.7.4 Bright yellow tools, bags, or equipment.

4. NOTES:

4.1 None.