



DEPARTMENT OF THE NAVY
UNITED STATES NAVAL ACADEMY
121 BLAKE ROAD
ANNAPOLIS MARYLAND 21402-1300

USNAINST 5510.1H
28/E&W
19 Jan 2022

USNA INSTRUCTION 5510.1H

From: Superintendent, U. S. Naval Academy

Subj: SECURITY MEASURES FOR SAFEGUARDING SUBCRITICAL REACTOR

Ref: (a) NAVSEA S0420-AA-RAD-010, Radiological Affairs Support Program Manual
(b) Title 10 Code of Federal Regulations

1. Purpose. To publish security measures to be maintained for the safeguarding of the Naval Academy's sub-critical reactor.
2. Cancellation. USNA Instruction 5510.1G
3. Background. The Naval Academy's sub-critical reactor is under the cognizance of the Dean of the School of Engineering and Weapons, who is responsible for its overall security. The security measures instituted will be designed to prevent unauthorized use of the reactor and loss of the special nuclear material and instruments associated with the facility. These security measures were developed in accordance with the guidelines of references (a) and (b).
4. Action
 - a. Access to the reactor spaces will be secured any time the reactor is without direct and authorized supervision.
 - b. All doors with direct access to the reactor storage area have double locks.
 - c. The reactor's uranium fuel will be inventoried semi-annually.
 - d. The Plutonium-Beryllium neutron sources will be inventoried semi-annually in conjunction with the swipe tests that the Navy Radioactive Material Permit requires.
 - e. Base Security Force will promptly investigate and report any abnormal occurrences associated with the reactor space to the Naval Academy Duty Officer (NADO) and the Radiation Safety Officer (RSO).
 - f. NADO will contact the School of Engineering and Weapons Duty Officer and inform him/her of any abnormal conditions in Rickover Hall and adjoining areas.

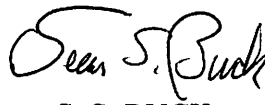
g. The School of Engineering and Weapons Duty Officer will notify the Laboratory Director before proceeding into the reactor area to investigate. The Duty Officer will keep the duty cell phone on or near his/her person at all times, so as to be immediately reachable at all times. The Duty Officer is responsible for notifying cognizant personnel in the School of Engineering and Weapons and ensuring proper action is taken in the event abnormal conditions are reported.

5. Records Management

a. Records created as a result of this instruction, regardless of format or media, must be maintained and dispositioned per the records disposition schedules located on the DON Assistant for Administration, Directives and Records Management Division portal page at <https://portal.secnav.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-InformationManagement/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

b. For questions concerning the management of records related to this instruction or the records disposition schedules, please contact your local record custodian or the USNA Records Manager.

6. Review and Effective Date. Per OPNAVINST 5215.17A, the Dean of the School of Engineering and Weapons will review this instruction annually on the anniversary of its effective date to ensure applicability, currency, and consistency with Federal, DoD, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction.


S. S. BUCK

Releasability and Distribution:

This instruction is cleared for public release and is available electronically only via USNA's Intranet Web site, <https://www.usna.edu/AdminSupport/Inst/>