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Initial		Announced	X	Unannounced	X	Routine		Special	X	Security
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NRC FORM 591M PART 3
(10-2011)*
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Department of the Navy Radiological Controls and Health (N455) 2000 Navy Pentagon (2D253) Washington, DC 20350-2000 REPORT NUMBERS: 2012-013 & 2012-016	2. NRC/REGIONAL OFFICE <p align="center">U.S. Nuclear Regulatory Commission Region I, 2100 Renaissance Blvd, Suite 100 King of Prussia, Pennsylvania 19406-2713</p>
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3. DOCKET NUMBER <p align="center">030-29462</p>	4. LICENSE NUMBER <p align="center">45-23645-01NA</p>	5. DATES OF INSPECTION <p align="center">December 13 & 14, 2012</p>
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6. INSPECTION PROCEDURES USED <p align="center">87126; TI 2800/038</p>	7. INSPECTION FOCUS AREAS <p align="center">All Focus Elements and IC1 thru IC6 as appropriate</p>
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE <p align="center">03614</p>	2. PRIORITY <p align="center">2</p>	3. LICENSEE CONTACT <p align="center">CAPT Donna Davis-Urgo</p>	4. TELEPHONE NUMBER <p align="center">703-695-5259</p>
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<input type="checkbox"/> Main Office Inspection	Next Inspection Date: <u>December 2012</u>
<input checked="" type="checkbox"/> Field Office Inspection	<u>Puget Sound Intermediate Maintenance Facility & SPAWARS, San Diego, CA</u>
<input type="checkbox"/> Temporary Job Site Inspection	<u>IMF RSO: Keziah Brown – 619-778-4341 (cell); SPAWARS RSO: Lt. Taft – 619-553-5032 (safety office)</u>

PROGRAM SCOPE

Permit No.: 46-4523A-C1NP

This is a Navy Master Materials License (MML) permittee that is authorized for the possession and use of sealed sources to be used in various calibrators for instrument calibration, response checks, and sample analysis in the naval shipyard. This was an unannounced inspection and there was no permitted activity being conducted on the day of the inspection. The permittee calibrates survey instruments for all the ships, submarines, and Commands in the Southwest Region. The onsite aRSO reports to the RSO who is actually based at Puget Sound. There is adequate communication and oversight between the permittee, aRSO and management at Puget Sound. Six staff has unescorted access to permitted material.

All staff were properly trained and certified as needed. Leak tests, inventories, equipment checks and calibration, and surveys were completed as required. A review of selected records disclosed no deficiencies. Dosimetry was appropriate and worn by staff. Doses were well below regulatory limits. Personnel dosimetry is obtained weekly through the base dosimetry program and worn by all personnel working around the sources. Personnel exposure readings were within regulatory limits.

The permittee possesses four sources used for calibrating survey instruments under the permit, however, only two of them are used regularly.

The inspector interviewed two authorized users and both were knowledgeable of their operating and emergency procedures and conversant with use of the calibration devices and survey equipment. The inspector reviewed the following records to verify permittee compliance: sealed source leak tests, radioactive material inventory, dosimetry reports, and annual audits with no discrepancies observed. Independent inspector measurements utilizing a Ludlum Model 2401-EC2 (s/n 188815 – cal date 2/14/12) were within acceptable limits.

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SUNSI Review Completed By: <u>/ RA / SSeeley</u>	<input checked="" type="checkbox"/>	Non-Public	
Supervisory Review Completed By: <u>/ RA / BWelling</u>	<input checked="" type="checkbox"/>	Sensitive-Security-Related, MD 3.4 Non-Public	<u>A.3</u> or _____

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NRC FORM 591M PART 3 (continued)
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SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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3. DOCKET NUMBER 030-29462	4. LICENSE NUMBER 45-23645-01NA	5. DATES OF INSPECTION December 13 & 14, 2012	
6. INSPECTION PROCEDURES USED 87126; TI 2800/038	7. INSPECTION FOCUS AREAS All Focus Elements and IC1 thru IC6 as appropriate		

SUPPLEMENTAL INSPECTION INFORMATION

PAGE 2, CONTINUED FROM PART 3

The licensee's implementation of security requirements was reviewed and deemed to be adequate. The permittee has developed and implemented a security plan that incorporates all aspects of the Increased Controls Order.

Permit limits were reviewed and compared to the current inventory and NSTS print out with no discrepancies noted.

Within the scope of this inspection, no violations were identified.

Note: This permittee is located at the site of the former Ashburn Battery, just prior to the entrance to the Cabrillo National Monument at Point Loma, CA.

Permit No.: 04-66001-D1NP

This is a Navy Master Materials License (MML) broad scope permittee that is authorized for the possession and storage of sealed sources and miscellaneous radioactive materials for decommissioning. This was an unannounced inspection.

The RSO for this permit reports to a manager in the Environmental Department, but also has direct access to the Commanding Officer as necessary. The RSO is the only authorized user on the permit. The RSO mentioned that all the material possessed under the permit will either be transferred to the University of California at San Diego or to an authorized waste disposal entity through the Navy's low-level radioactive waste program. The RSO informed the inspector that he was transferring to another Command by March of 2013 and his replacement is currently being briefed on the expectations of the job. His replacement was present throughout the inspection.

The Command's decision to terminate the permit and decommission the site was the result of an incident that occurred when a contaminated sink was removed from a laboratory in 2010. NRC subsequently performed a reactive inspection and one violation of NRC requirements was cited. The inspector reviewed the corrective action taken by the Command and the Navy and deemed it adequate. The violation is closed. The Command expects to terminate the permit sometime in 2013, depending upon the successful shipment of the radioactive materials to authorized entities.

Staff was properly trained as needed. Leak tests, inventories, equipment checks, and surveys were completed as required. A review of selected records disclosed no deficiencies. Dosimetry was appropriate and worn by staff. Doses were well below regulatory limits. Personnel dosimetry is obtained weekly through the base dosimetry program and worn by all personnel working around radioactive material, as needed. Personnel exposure readings were within regulatory limits.

The inspector interviewed the primary authorized user and he was knowledgeable of the operating and emergency procedures and conversant with use, storage, and disposal of radioactive material. The inspector reviewed the following records to verify permittee compliance: sealed source leak tests, radioactive material inventory, dosimetry reports, and annual audits, with no discrepancies observed. Independent inspector measurements utilizing a Ludlum Model 2401-P (s/n 181605 – cal date 4/10/12) were within acceptable limits.

Within the scope of this inspection, no violations were identified.

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