



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
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IN REPLY REFER TO

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09 July 2002

From: Chairman, Naval Radiation Safety Committee
To: Distribution

Subj: MINUTES OF NAVAL RADIATION SAFETY COMMITTEE MEETING
SECOND QUARTER, CY-2002

Encl: (1) Quarterly Meeting Agenda
(2) Executive Secretary Report
(3) NRMP Action and Inspection Summaries
(4) Current NRMP Summary

1. The Naval Radiation Safety Committee (NRSC) convened at 0845 on Thursday, June 20, 2002 to discuss agenda items provided in enclosure (1). The following individuals were in attendance:

| | |
|--------------------|---------------------------|
| RDML(s) R. Reilly | Chairman, NRSC |
| CAPT D. Farrand | Executive Secretary, NRSC |
| CDR W. Adams | NAVSEA 04N |
| CDR R. Fong | BUMED |
| CDR(s) S. Gaiter | HQMC(SD) |
| LCDR P. Fetherston | NEHC |
| LT G. Kahles | Recording Secretary, NRSC |
| Dr. J. Jones | NAVSEA 08R |
| Mr. D. Collins | NRC Region II |
| Mr. J. Diaz | NRC Region II |
| Dr. D. B. Howe | NRC Headquarters |

The following NRSC member was not present:

| | |
|----------------|------|
| CDR S. Doremus | RASO |
|----------------|------|

2. Rear Admiral Select Reilly opened the meeting by welcoming the Committee members and the Nuclear Regulatory Commission (NRC) to the NRSC Meeting, Second Quarter, 2002. Rear Admiral Select Reilly summarized his background and attributed his "the devils are in the details" outlook on the radiation safety program to his early career training by a nuclear surface warfare officer. Rear Admiral Select Reilly reflected upon the good track record Navy enjoys in radiation safety and emphasized that he is looking forward to serving as NRSC Chairman.

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a. Captain Farrand opened the discussion with a status report regarding the NRSC agenda items for the quarter. One old action item was presented from the previous NRSC meeting, which remains incomplete pending closure. The status of this item is described in enclosure (2). There were no new action items introduced; however, there were two new discussion items.

- The agenda item was an update on the inadvertent expenditure of depleted uranium (DU) munitions on the Atlantic Fleet Weapons Training Facility, Vieques, Puerto Rico. Captain Farrand reiterated that Navy is still awaiting the release of the Agency for Toxic Substances and Disease Registry Air Pathway Report for Vieques. When it is received and reviewed, the NRSC will submit necessary paperwork to the NRC for review to close this issue. This item is pending.

- The first discussion item was a synopsis on the Navy's initiatives to implement the new 10 CFR Part 35 provided by Lieutenant Commander Fetherston. She mentioned that NEHC recently filled its staff vacancy and will host a workshop to discuss the new Part 35 implementation. Additionally, NEHC personnel will attend training in August, 2002, provided by NRC and specific to the new Part 35.

- The second discussion item pertained to registration of generally licensed (GL) devices required by the NRC. Captain Farrand outlined Navy's efforts in assisting the NRC in determining the status of those Navy owned GL devices which require NRC registration. He stated that Navy's goal is to obtain a current inventory, then to either include these items in Naval Radioactive Materials Permits (NRMP) or track them in a master database.

- Mr. Collins expanded on the NRC's approach to GL devices. He explained that it is the intent of the NRC to have GL device users register them annually with the NRC. NRC can then track the devices via database and, hopefully, prevent the devices from becoming "orphan sources". Mr. Collins added that much effort is being made to update and reconcile the NRC's current GL database. He stated that if a GL device cannot be accounted for, the NRC may levy a fine; however, this most likely would only occur if the GL device user did not put forth an effort to locate the device. Captain Farrand assured the NRC that the Navy is committed to reconciling the list of GL devices that the NRC has identified as being in Navy possession.

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b. Lieutenant Commander Fetherston (NEHC) and Commander Adams (NAVSEA 04N) discussed the status of Naval Radioactive Materials Permit (NRMP) actions and inspections conducted during the quarter. NRMP actions for NEHC and RASO are listed as enclosure (3). The current number of NRMPs is 138. Of these, 27 are managed by NEHC, with the balance, 111, managed by RASO. A summary of the current NRMPs is included as enclosure (4).

c. Rear Admiral Select Reilly afforded the NRC an opportunity to discuss any issues of programmatic interest.

- Dr. Howe summarized the status of the new 10 CFR Part 35. She informed the NRSC that the new Part 35 has been published. Minor editorial changes, if any, will be published in the Federal Register. The new Part 35 becomes effective in October 2002.

- Mr. Collins mentioned that NRC is still reviewing security measures. He emphasized that NRC expects that Navy will not be affected as Navy has stepped-up its already stringent security in the wake of September 2001. He mentioned that NRC may issue enhanced guidelines for transportation of materials under their purview.

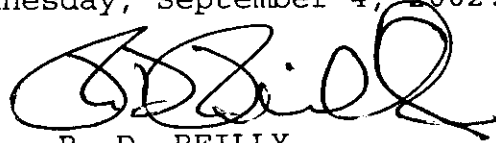
- Captain Farrand stated that Navy is evaluating the frequency of NRMP inspections in response to the recent changes NRC has made to their inspection frequencies. He noted that the NRC increased the time between some inspections, and in the few cases where the time was decreased, NRC instituted telephonic inspections vice actually going to the licensee's facility. Captain Farrand noted that since it's a condition of the Navy's Master Material License, Navy inspection frequencies would continue to be as or more stringent than the NRC's.

- Mr. Collins stated that after thorough examination of inspection frequencies, NRC determined that some permittees were being inspected too often, and some not often enough. Therefore, NRC instituted the changes to their inspection program and intends to try the new schedule for one year.

- Rear Admiral Select Reilly thanked the NRC for their comments and extended his gratitude to the NRSC members for their support of the Navy's radiation safety program.

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4. Rear Admiral Select Reilly adjourned the NRSC Meeting for the Second Quarter CY-2002 at 0925. The next meeting of the NRSC is tentatively scheduled for Wednesday, September 4, 2002.



R. D. REILLY

Chairman

Naval Radiation Safety Committee

Copy to:

NRSC Members

COMNAVSEASYSCOM (08R)

NRC Reg. II (ATTN: J. Diaz)

NRC Headquarters (ATTN: Dr. D.B. Howe, Mail Stop 6H3)

NAVAL RADIATION SAFETY COMMITTEE
2nd Quarter Meeting -- June 20, 2002

AGENDA

- a. Opening remarks by RDML Reilly, NRSC Chairman.
- b. Executive Secretary report on pending action items from NRSC Meeting, 1st Quarter, March 7, 2002.
 - 1) Old Action Item:
 - Expenditure of Depleted Uranium, Vieques, Puerto Rico .
 - 2) No New Action Items.
- c. Update on permitting and inspection actions - NEHC/RASO.
- d. Discussion period :
 - 1) New 10 CFR 35 implementation
 - Navy participation in NRC training
 - Navy Implementation Working Group
 - 2) Generally Licensed Device Registration Update
 - 3) NRC HQ and NRC Region II discussion items

Future topics of interest for the NRSC meeting should be referred to LT Kahles at (703) 602-2582 or Fax: (703) 602-4786.

The next NRSC Meeting is proposed for September 4, 2002.

Enclosure (1)

Naval Radiation Safety Committee Meeting

2nd Quarter – June 20, 2002

1. Opening Remarks-

RDML(s) Reilly welcomes NRC Region II and Headquarters Representatives.

Mr. D. Collins Chief, Materials Licensing/Inspection Branch 2,
Division of Nuclear Materials Safety, NRC Region II

Mr. J. Díaz Vélez MML Project Coordinator, NRC Region II
Dr. D.B. Howe Headquarters, NRC

2. Executive Secretary NRSC welcomes visitors and introduces NRSC members.

RDML(s) Reilly Director, Environmental Protection, Safety and
Occupational Health Division (N45)

CAPT Farrand Executive Secretary, Naval Radiation Safety Committee
Head, Radiological Controls and Health Branch (N455)

CDR Adams Director, Radiological Controls Program Office
Commander, Naval Sea Systems Command (SEA-04N)

CDR Fong Bureau of Medicine and Surgery (Code MED-211)
Office of Undersea Medicine and Radiation Health

CDR(Sel) Gaiter Health Physics Program Manager,
Safety Division, Headquarters, United States Marine Corps

LCDR Fetherston Head, Radiation Health Team
Navy Environmental Health Center, Norfolk, VA

LT Kahles Recording Secretary, Naval Radiation Safety Committee
Radiological Control and Health Branch (N455C)

Dr. J. Jones Radiation Health Program Manager
(*Ad hoc Member*) Naval Nuclear Power Program
Naval Sea Systems Command (NAVSEA-08R)

Not present:

CDR Doremus Officer in Charge, Radiological Affairs Support Office
Naval Weapons Station, Yorktown, VA

3. Executive Secretary begins the NRSC actions summary at the discretion of the Chairman, NRSC.

4. There was **1 Outstanding Action Item** carried forward from the previous NRSC Meeting, 1st Quarter 2002 (March 7, 2001). There are **No New Action Items**.

Outstanding Action Item #1. Inadvertent Expenditure of DU Rounds on Vieques.

| | |
|----------------------|--|
| 19FEB99 | 263 DU rounds inadvertently expended at Vieques Range, Puerto Rico. |
| 05MAR99 | Discovery reported to NRSC. NRC notified by phone. |
| 10MAR99 | Recovery team dispatched to Vieques 10MAR99. 57 rounds recovered, |
| 01APR99 | Initial written notification provided to NRC (30 Day Report). |
| 01JUN99 | 1. Progress Report on recovery actions to date to NRC Region II. 2. NRC issues Preliminary Notification of Event or Unusual Occurrence. |
| 02JUN99 | Initially reported at NRSC Meeting, 2nd Quarter, 1999. |
| 05AUG99 | Range refurbishment cancelled by AFWTF due to trespassers on range and potential injury of trespassers during EOD sweep/clearing. |
| 19AUG99 | Navy issues NOV to US Navy and US Marine Corps for DU incident. |
| 14SEP99 | Status report briefed at NRSC Meeting, 3rd Quarter, 1999. |
| 06DEC99 | Status report briefed at NRSC Meeting, 4th Quarter, 1999. Recovery plan briefed to NRSC/NRC by OIC, NAVSEADET RASO. |
| 10JAN00 | Work Survey Plan for Vieques released by N45 to NRC Region II. Plan forwarded to NRC Headquarters for review/consideration. |
| 28FEB00 | NRC Region II communicated with N455 and reported that NRC Headquarters had reviewed the Vieques Work Survey Plan and had prepared amplifying recommendations to supplement the RASO Plan. |
| 10MAR00 | Status report briefed at NRSC Meeting, 1st Quarter, 2000. Remarks by CDR Farrand regarding logistic preparations for return. |
| 25MAY00 – 16JUN00 | NAVSEA-04N + RASO Health Physics Team returns to Vieques for radiological surveys and DU round recovery operations. 37 rounds recovered + 57 rounds previously = 94 rounds (35.7%) . |
| 21JUN00 | Status report briefed at NRSC Meeting, 2nd Quarter, 2000. Report of recent recovery operations by CAPT(s) Farrand. |
| 28JUL00 | NRC Inspection of MML. Review of NRSC Corrective Actions taken. - Review of corrective actions; DU training for CINCLANTFLT/PACFLT; medical treatment video tape; Use Code Change (B to N). - USMC Training Courses Tiers I (Infantry) - III (Unit Commander). |
| 28AUG00 | Notification by NRC Region II approving the Survey Work Plan. Plan approved by Region II. Information forwarded to NRSC/RASO. |
| 28AUG00 | DU recovery operations resumed on North Convoy Area, Vieques. - Recovery of 116 (44.1%) penetrators total as of 30SEP00. |
| 09SEP00 | Status report briefed at NRSC Meeting, 3rd Quarter, 2000. |
| 13DEC00 | Status report briefed at NRSC Meeting, 4th Quarter, 2000. Discussion of RASO seeking a Site Decommissioning Plan for NRSC review. |
| 07MAR01 | Status report briefed at NRSC Meeting, 1st Quarter, 2001. Intend to seek Site Decommissioning Plan per 10 CFR20.1403, "Criteria for License Termination Under Restricted Conditions", Subpart E. |
| 13MAY01 | DU Incident and recovery operations/lessons learned briefed at NEHC Conference to 28 Radiation Health / Radiation Specialists (~ 35%). |

| | |
|----------------|---|
| 07JUN01 | Status report briefed at NRSC Meeting, 2nd Quarter, 2001. Awaiting ATSDR Report on Soil Contamination of Vieques. |
| 28AUG01 | Status report briefed at NRSC Meeting, 3rd Quarter, 2001. Awaiting ATSDR Report on Soil Contamination of Vieques. |
| 09NOV01 | Press release from Committee for the Rescue and Development of Vieques, entitled "Dramatic Increase in Radiation in Vieques". The article alleges that radiation readings increased between 60% to 248% during the periods of June/September-October. |
| 26NOV01 | Discussion with CDC/ATSDR regarding DU air transport modeling for upcoming paper on Vieques. Informed CDC that naval exercises have used inert devices. CDC reported that resuspension and transport of particulates from buried DU penetrators had been modeled as an impossibility. CDC will respond to above allegation. |
| 06DEC01 | Status report briefed at NRSC Meeting, 4th Quarter, 2001. |
| 07MAR02 | Status report briefed at NRSC Meeting, 1st Quarter, 2002 |
| 20JUN02 | Status report briefed at NRSC Meeting, 2nd Quarter, 2002. Action Item Pending. Waiting for ATSDR's Air Pathway Report to be published to include it with our final status report. |

5. Updates on permitting and inspection actions:

NEHC – LCDR Fetherston, MSC, USN
RASO – CDR Doremus, MSC, USN

6. Discussion:

- a. New 10 CFR 35 – Brief discussion on Navy's participation in NRC training and Navy's efforts to implement new requirements.
- b. Generally Licensed Device Registration Update.

7. NRC Remarks: NRC Region II Representatives

8. Closing: RDML(s) Reilly

9. Next Meeting: Tentatively scheduled for Wednesday, September 4, 2002.

NRMP ACTIONS/INSPECTIONS END QUARTER 01-2002
TECHNICAL SUPPORT CENTER = NAVY ENVIRONMENTAL HEALTH CENTER (NEHC)

| Permit Actions | New Issues | Terminations | Amendments | Renewals | Totals |
|---|-------------------|---------------------|-------------------|-----------------|---------------|
| Permit Actions Carried Over from Previous Quarter | 0 | 0 | 4 | 0 | 4 |
| Permit Actions Received During Quarter | 0 | 0 | 12 | 4 | 16 |
| Total Permit Actions "In House" During Quarter | 0 | 0 | 16 | 4 | 20 |
| Actions Signed Out by NRSC | 0 | 0 | 13* | 0 | 14 |
| Quarterly Average Action Processing Time in Days | N/A | N/A | 20 | N/A | |
| *1 Amendment returned to NMRC/TD WPAFB for additional info. | | | | | |
| Actions Exceeding NRSC Guidelines *1 | 0 | 0 | 0 | 0 | 0 |
| Actions Pending at End of Quarter | 0 | 0 | 2 | 4 | 6 |

| Oldest Pending Permit Actions (Command) | NRMP Number | Days in House | Action |
|---|--------------------|----------------------|---------------|
| Naval Medical Center, Portsmouth, VA | 45-00183-11NP | 90 | R |
| Naval Medical Center, San Diego, CA | 04-00259-11NP | 90 | R |
| Naval Medical Research Center, Detachment-Toxicology (NMRC/TD), Wright-Patterson AFB, OH | 34-41817-41NP | 77 | A |
| | | | |
| | | | |

| Permit Inspections | Total |
|--|--------------|
| Inspection Reports Carried over from Previous Quarter | 2 |
| Inspections Conducted During Quarter | 1 |
| Total Inspection Reports "In House" During Quarter | 3 |
| Inspection Reports Signed out by NRSC | 3 |
| Quarterly Average Inspection Report Processing Time in Days | 41 |
| Longest Inspection Report Processing Time This Quarter in Days | 59 |
| | |
| Inspection Reports Exceeding NRSC Guidelines *2 | 0 |
| Inspection Reports Pending at End of Quarter | 0 |

*1 (New Issues, Terminations, Amendments < 6 Months) (Renewals < 12 Months)

*2 (Satisfactory Inspection < 60 days, Unsatisfactory or Containing Level III Violation < 14 days)

TECHNICAL SUPPORT CENTER = RADIOLOGICAL AFFAIRS SUPPORT OFFICE (RASO)

| Permit Actions | New Issues | Terminations | Amendments | Renewals | Totals |
|---|-------------------|---------------------|-------------------|-----------------|---------------|
| Permit Actions Carried Over from Previous Quarter | 1 | 2 | 1 | 6 | 10 |
| Permit Actions Received During Quarter | 2 | 3 | 19 | 3 | 27 |
| Total Permit Actions "In House" During Quarter | 3 | 5 | 20 | 9 | 37 |
| Actions Signed Out by NRSC | 2 | 4* | 19 | 6 | 31 |
| Quarterly Average Action Processing Time in Days | 15 | 18 | 20 | 169 | |
| *1 App returned to 20th NCR for additional info | | | | | |
| Actions Exceeding NRSC Guidelines *1 | 0 | 0 | 0 | 0 | 0 |
| Actions Pending at End of Quarter | 1 | 0 | 1 | 3 | 5 |

| Oldest Pending Permit Actions (Command) | NRMP Number | Days in House | Action |
|--|--------------------|----------------------|---------------|
| NSWC Dahlgren | 45-00178-B1NP | 290 | R |
| NRL Washington DC | 08-00173-E1NP | 175 | R |
| NAVSHIPYD Puget Sound | 46-00251-C1NP | 80 | R |
| Service Schools Command Great Lakes | 12-0580A-C1NP | 45 | A |
| Naval Air Depot Cherry Point | 32-65923-J1NP | 26 | N |

| Permit Inspections | Total |
|--|--------------|
| Inspection Reports Carried over from Previous Quarter | 0 |
| Inspections Conducted During Quarter | 13 |
| Total Inspection Reports "In House" During Quarter | 13 |
| Inspection Reports Signed out by NRSC | 11 |
| Quarterly Average Inspection Report Processing Time in Days | 10 |
| Longest Inspection Report Processing Time This Quarter in Days | 18 |
| Inspection Reports Exceeding NRSC Guidelines *2 | 0 |
| Inspection Reports Pending at End of Quarter | 2 |

Conducted 14 Machine Inspections

*1 (New Issues, Terminations, Amendments < 6 Months) (Renewals < 12 Months)

*2 (Satisfactory Inspection < 60 days, Unsatisfactory or Containing Level III Violation < 14 days)

LISTING OF NRMP ACTIONS/INSPECTIONS
2nd QUARTER CY-2002

| Q | DATE | ACTIVITY | STATE CODE | UIC | TYPE CODE | NEHC/RASO | ACTION |
|---|------|----------|------------|-----|-----------|-----------|--------|
|---|------|----------|------------|-----|-----------|-----------|--------|

New Issues: RASO = 2 NEHC = 0

| | | | | | | | |
|---|-----------|--|----|-------|----|------|-------|
| 1 | 15 Apr 02 | Naval Shipyard, Portsmouth, NH | 28 | 00102 | J1 | RASO | Issue |
| 2 | 29 May 02 | Naval Air Systems Command, NAS, Patuxent River, MD | 19 | 00019 | W2 | RASO | Issue |
| | | | | | | | |
| | | | | | | | |
| 1 | | | | | | | |

Terminations: RASO = 4 NEHC = 0

| | | | | | | | |
|---|-----------|---|----|-------|----|------|-------------|
| 1 | 14 Mar 02 | Naval Supply Systems Command, Mechanicsburg, PA | 37 | 00023 | T1 | RASO | Termination |
| 2 | 14 Mar 02 | Public Works Center, Guam | 56 | 62395 | J1 | RASO | Termination |
| 3 | 29 Mar 02 | Public Works Center, Pensacola, FL | 09 | 65114 | J1 | RASO | Termination |
| 4 | 04 Apr 02 | Naval Postgraduate School, Monterey, CA | 04 | 62271 | H1 | RASO | Termination |
| | | | | | | | |
| | | | | | | | |
| 1 | | | | | | | |

Renewals: RASO = 6 NEHC = 0

| | | | | | | | |
|---|-----------|---|----|-------|----|------|---------|
| 1 | 08 Mar 02 | USS Frank Cable (AS-40) | 59 | 45255 | C1 | RASO | Renewal |
| 2 | 27 Mar 02 | Naval Mobile Construction Battalion SEVEN | 23 | 55117 | I1 | RASO | Renewal |
| 3 | 08 May 02 | Naval Sea Systems Command, Washington, DC | 08 | 00024 | T1 | RASO | Renewal |
| 4 | 03 Jun 02 | Naval Sea Systems Command Detachment, Radiological Affairs Support Office, Yorktown, VA | 45 | 45650 | N1 | RASO | Renewal |
| 5 | 14 Jun 02 | Space and Naval Warfare Systems Center, San Diego, CA | 04 | 66001 | E1 | RASO | Renewal |
| 6 | 18 Jun 02 | Space and Naval Warfare Systems Center, San Diego, CA | 04 | 66001 | C1 | RASO | Renewal |
| | | | | | | | |
| | | | | | | | |
| 1 | | | | | | | |

LISTING OF NRMP ACTIONS/INSPECTIONS
2nd QUARTER CY-2002

| DATE | Activity | STATE CODE | UIC | TYPE CODE | NEHC/ RASO | ACTION |
|--|----------|------------|-----|-----------|------------|--------|
| QA Program Actions: RASO = 0 NEHC = 0 | | | | | | |
| | | | | | | |

Inspections: RASO = 11 NEHC = 3

| | | | | | | | |
|----|-----------|---|----|-------|----|------|------------|
| 1 | 21 Mar 02 | Naval Surface Warfare Center, Indian Head Division, Indian Head, MD | 19 | 00174 | P1 | RASO | Inspection |
| 2 | 21 Mar 02 | Naval Surface Warfare Center, Indian Head Division, Silver Spring, MD | 19 | 00174 | S1 | RASO | Inspection |
| 3 | 15 Apr 02 | Naval Ocean Processing Facility, Whidbey Island, WA | 46 | 68844 | B1 | RASO | Inspection |
| 4 | 08 May 02 | Naval Postgraduate School, Monterey, CA | 04 | 62271 | F1 | RASO | Inspection |
| 5 | 08 May 02 | Shore Intermediate Maintenance Activity, Norfolk, VA | 45 | 32770 | A1 | RASO | Inspection |
| 6 | 08 May 02 | Shore Intermediate Maintenance Activity, San Diego, CA | 04 | 65918 | A1 | RASO | Inspection |
| 7 | 22 May 02 | USS Emory S. Land (AS-39) | 59 | 20635 | A1 | RASO | Inspection |
| 8 | 22 May 02 | USS Emory S. Land (AS-39) | 59 | 20635 | C1 | RASO | Inspection |
| 9 | 22 May 02 | Service School Command, Great Lakes, IL | 12 | 0580A | A1 | RASO | Inspection |
| 10 | 23 May 02 | Naval Mobile Construction Battalion SEVEN | 23 | 55117 | I1 | RASO | Inspection |
| 11 | 10 Jun 02 | Trident Refit Facility, Kings Bay, GA | 10 | 44466 | A1 | RASO | Inspection |
| | | | | | | | |
| | | | | | | | |
| 1 | 13 Mar 02 | National Naval Medical Center, Bethesda, MD | 19 | 00168 | 21 | NEHC | Inspection |
| 2 | 09 Apr 02 | Naval Hospital, Okinawa, Japan | 63 | 68470 | 11 | NEHC | Inspection |
| 3 | 07 Jun 02 | Naval Hospital, Pensacola, FL | 09 | 00203 | 11 | NEHC | Inspection |

Amendments: RASO = 19 NEHC =13

| | | | | | | | |
|---|-----------|--|----|-------|----|------|-----------|
| 1 | 07 Mar 02 | Naval Air Weapons Station, China Lake, CA | 04 | 68937 | L1 | RASO | Amendment |
| 2 | 12 Mar 02 | Atlantic Ordnance Command, Yorktown, VA | 45 | 00109 | C1 | RASO | Amendment |
| 3 | 19 Mar 02 | Puget Sound Naval Shipyard, Bremerton, WA | 46 | 00251 | J2 | RASO | Amendment |
| 4 | 21 Mar 02 | Naval Air Weapons Station, China Lake, CA | 04 | 68937 | L1 | RASO | Amendment |
| 5 | 21 Mar 02 | Strategic Weapons Facility, Pacific, Silverdale, WA | 46 | 63402 | B1 | RASO | Amendment |
| 6 | 27 Mar 02 | Strategic Weapons Facility, Atlantic, Kings Bay, GA | 10 | 68733 | B1 | RASO | Amendment |
| 7 | 15 Apr 02 | Naval Intermediate Maintenance Activity, Pacific Northwest, Silverdale, WA | 46 | 68438 | J1 | RASO | Amendment |
| | | | | | | | |

LISTING OF NRMP ACTIONS/INSPECTIONS
2nd QUARTER CY-2002

| | DATE | ACTIVITY | STATE CODE | UIC | TYPE CODE | NEHC/ RASO | ACTION |
|--------------------------------|-----------|--|----------------------------|-------|-----------|------------|----------------|
| Amendments (Continued): | | | RASO = 19 NEHC = 13 | | | | |
| 8 | 15 Apr 02 | Naval Intermediate Maintenance Activity, Pacific Northwest, Silverdale, WA | 46 | 68438 | A1 | RASO | Amendment |
| 9 | 18 Apr 02 | Naval Mobile Construction Battalion FORTY, Port Hueneme, CA | 04 | 55448 | I1 | RASO | Amendment |
| 10 | 26 Apr 02 | Space and Naval Warfare Systems Center, Charleston, SC | 39 | 65236 | C2 | RASO | Amendment |
| 11 | 08 May 02 | Naval Shipyard, Portsmouth, NH | 28 | 00102 | J1 | RASO | Amendment (cc) |
| 12 | 22 May 02 | Navy Mobile Construction Battalion ONE | 23 | 55101 | 11 | RASO | Amendment |
| 13 | 22 May 02 | Naval Surface Warfare Center, Indian Head Division, Silver Spring, MD | 19 | 00174 | S1 | RASO | Amendment |
| 14 | 29 May 02 | Naval Shipyard & Intermediate Maintenance Facility, Pearl Harbor, HI | 53 | 32253 | A1 | RASO | Amendment |
| 15 | 29 May 02 | USS Emory S. Land (AS-39) | 59 | 20635 | A1 | RASO | Amendment |
| 16 | 03 Jun 02 | Naval Shipyard, Norfolk, VA | 45 | 00181 | C1 | RASO | Amendment |
| 17 | 06 Jun 02 | Naval Surface Warfare Center, Indian Head Division, Indian Head, MD | 19 | 00174 | P1 | RASO | Amendment |
| 18 | 14 Jun 02 | Shore Intermediate Maintenance Activity, San Diego, CA | 04 | 65918 | A1 | RASO | Amendment |
| 19 | 14 Jun 02 | Shore Intermediate Maintenance Activity, San Diego, CA | 04 | 65918 | J1 | RASO | Amendment |
| | | | | | | | |
| 1 | 08 Mar 02 | Naval Ambulatory Care Center, Groton, CT | 06 | 61726 | 11 | NEHC | Amendment |
| 2 | 20 Mar 02 | Naval Hospital, Okinawa, Japan | 63 | 68470 | 11 | NEHC | Amendment |
| 3 | 20 Mar 02 | Naval Hospital, Camp Lejeune, NC | 32 | 68093 | 11 | NEHC | Amendment |
| 4 | 02 Apr 02 | National Naval Medical Center, Bethesda, MD | 19 | 00168 | 21 | NEHC | Amendment |
| 5 | 09 Apr 02 | Naval Dosimetry Center, Bethesda, MD | 19 | 48539 | 83 | NEHC | Amendment |
| 6 | 09 Apr 02 | Naval Dosimetry Center, Bethesda, MD | 19 | 48539 | 91 | NEHC | Amendment |
| 7 | 12 Apr 02 | National Naval Medical Center, Bethesda, MD | 19 | 00168 | 21 | NEHC | Amendment |
| 8 | 26 Apr 02 | Naval Dosimetry Center, Bethesda, MD | 19 | 48539 | 83 | NEHC | Amendment (cc) |
| 9 | 26 Apr 02 | Naval Dosimetry Center, Bethesda, MD | 19 | 48539 | 91 | NEHC | Amendment |
| 10 | 15 May 02 | Naval Medical Center, Portsmouth, VA | 45 | 00183 | 11 | NEHC | Amendment |
| 11 | 21 May 02 | Naval Hospital, Okinawa, Japan | 63 | 68470 | 11 | NEHC | Amendment |
| 12 | 23 May 02 | Navy Drug Screening Laboratory, Jacksonville, FL | 09 | 68850 | 61 | NEHC | Amendment |
| 13 | 07 Jun 02 | Naval Medical Center, Portsmouth, VA | 45 | 00183 | 11 | NEHC | Amendment |

CURRENT NRMPs 2nd QUARTER CY-2002

| Type Code | Description | Number |
|-------------------------|--|-----------|
| 1 | Nuclear Medicine (Limited Scope) | 13 |
| 2 | Nuclear Medicine (Broad Scope) | 1 |
| 3 | Teletherapy | 0 |
| 4 | Research (Non-Human Use) | 6 |
| 5 | Irradiators (< 10,000 Curies) | 0 |
| 6 | Navy Drug Screening Laboratories | 3 |
| 7 | Gas Chromatographs | 1 |
| 8 | Special Nuclear Material SNM (< 200 grams) | 1 |
| 9 | Other (Dosimeter Calibration) | 2 |
| Total NEHC NRMPs | | 27 |

| Type Code | Description | Number |
|-------------------------|--|------------|
| A | Radiography (Fixed and Field Ops) | 13 |
| B | General Industrial | 12 |
| C | Instrument Calibration Services | 17 |
| D | Decomissioning of Byproduct Material | 1 |
| E | R & D Type A Broad Scope | 3 |
| F | R & D Type B Broad Scope | 1 |
| G | R & D Type C Broad Scope | 0 |
| H | Special Nuclear Material SNM (Unsealed, < Critical Mass) | 0 |
| I | Portable Gauges | 12 |
| J | Analytical Measuring Instruments | 25 |
| K | Gas Chromatographs | 0 |
| L | DU Munitions Distribution and Storage | 3 |
| M | Subcritical Assemblies | 1 |
| N | RTG Power Sources | 2 |
| O | Not Used | 0 |
| P | Fixed Gauges | 1 |
| Q | Irradiators | 1 |
| R | Buried Waste (Substrata for hardpan) | 1 |
| S | Source Material | 2 |
| T | Radioactive Commodities Distribution and Use | 10 |
| U | Leak Test Services | 0 |
| V | Special Nuclear Material SNM (< 200 grams) | 1 |
| W | Research and Development | 4 |
| X | Byproduct Material Standby (No ops) | 0 |
| Y | Source Material Standby (No ops) | 1 |
| Z | Reserved | 0 |
| Total RASO NRMPs | | 111 |

GRAND TOTAL NRMPs **138**

Date Prepared 6/19/02
Enclosure (4)