



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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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
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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
COMNAVSEASYSKOM (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 <u>This Quarter</u> 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
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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
NEHC							
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	Decommissioning 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)