



DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
2000 NAVY PENTAGON  
WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

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08 Jan 00

From: Chairman, Naval Radiation Safety Committee  
To: Distribution

Subj: MINUTES OF NAVAL RADIATION SAFETY COMMITTEE MEETING  
FOURTH QUARTER, CY-2000

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 0830 on Wednesday, December 13, 2000 to discuss agenda items provided in enclosure (1). The following individuals were in attendance:

Mr. W. Mattheis	Acting Chairman, NRSC
CAPT P. Blake	BUMED
CAPT D. Farrand	NAVSEA 04N
CAPT(s) G. Higgins	Executive Secretary, NRSC
CDR S. Doremus	OIC, NAVSEADET RASO
LCDR S. Wolff	NEHC
LCDR P. Fetherston	NEHC
LCDR S. Gaiter	HQMC(SD)
LT G. Kahles	Recording Secretary, NRSC
Mr. J. Henson	NRC Region II
Mr. M. Fuller	NRC Region II
Dr. D. B. Howe	NRC Headquarters
Mr. S. Frampton	NAVSEA 08R

2. Mr. Mattheis opened the meeting by welcoming the Committee members and representatives of the Nuclear Regulatory Commission (NRC) to the NRSC Meeting, Fourth Quarter, 2000. As a complement to the opening remarks, Mr. Mattheis congratulated CAPT Farrand on his recent promotion.

a. Commander Higgins opened the discussion with a status report regarding the NRSC agenda items for the quarter. Two old agenda items were presented from the previous NRSC Meeting, one of which remains incomplete pending closure. There were three

Subj: MINUTES OF NAVAL RADIATION SAFETY COMMITTEE MEETING  
FOURTH QUARTER, CY-2000

new agenda items introduced. The status of all five items is described in enclosure (2).

- The first agenda item was an update on the inadvertent expenditure of depleted uranium (DU) munitions on the Atlantic Fleet Weapons Training Facility, Vieques, Puerto Rico. Commander Higgins outlined the Navy's intention to seek site decommissioning in accordance with the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM). The NRSC expects to submit a decommissioning plan to the NRC prior to the next quarterly meeting. This item remains open.

- The second agenda item concerned the NRSC response to the annual MML inspection and subsequent Notice of Violation (NOV) issued by the NRC. The NOV was issued with respect to the requirements of Title 10, Code of Federal Regulations, Part 30.36(d) for the Naval Weapons Station (NWS) China Lake, CA (NRMP number 04-68937-L1NP). Commander Higgins specified that NWS China Lake is preparing an alternate decommissioning plan for submission to RASO for review by 15 December 2000. The NRSC will provide the NRC a response to the NOV by 29 December 2000. This item is considered closed.

- The third agenda item pertained to the NRSC response to a Petition for a Formal Hearing (10 CFR Part 2.206) regarding sustained use of depleted uranium (DU) by the Department of Defense. Commander Higgins stated that the Formal Hearing request had been delivered to the NRC in the form of an e-mail message from a private citizen. The NRSC provided a response to the Petition on 30 October 2000. Mr. Mattheis asked NRC if they were satisfied with Navy's response. The NRC stated that Navy's response appeared sufficient and that the NRC will meet on 19 December 2000 to conduct an Internal Management Meeting concerning the petition. NRC will forward the findings of the Internal Management Meeting to the NRSC in January 2001. This item is pending.

- The fourth agenda item involved the Navy's response to a Japan Broadcasting Corporation (NHK) inquiry into the circumstances surrounding an A-7 Corsair DU counterweight that was discovered among other metal kept in storage over 16 years at a steel foundry in Tamano City, Okayama Prefecture. A copy of the HNK questions and Navy's response was forwarded to NRC Region II and OPNAV N522 (Asian Affairs - Japan Desk). There has been

Subj: MINUTES OF NAVAL RADIATION SAFETY COM. (TEE MEETING  
FOURTH QUARTER, CY-2000

no additional communication regarding this matter. Liaison between the NRSC and U.S. Forces Japan has been established with the availability of a DoD health physicist for on-site support if desired. This item is pending.

- The fifth agenda item concerned a recent unsatisfactory inspection of Marine Corps Logistics Bases (MCLB), Albany, Georgia (NRMP No. 10-67004-T1NP). Commander Higgins outlined the results of the inspection and Mr. Mattheis emphasized that the NRSC will remain on top of this issue to ensure prompt resolution. Lieutenant Commander Gaiter highlighted the results of his recent visit to MCLB, Albany, and emphasized that Headquarters Marine Corps is diligently working with MCLB Albany to resolve the discrepancies. This item is pending.

b. Lieutenant Commander Wolff (NEHC) and Commander Doremus (RASO) discussed the status of Naval Radioactive Material Permit (NRMP) actions and inspections conducted during the quarter. NRMP actions and inspections for NEHC and RASO are listed in enclosure (3). The current number of NRMPs is 139; of these, 27 are managed by NEHC and 112 are managed by RASO. A summary of the current NRMPs is included as enclosure (4).

c. Mr. Mattheis afforded the NRC an opportunity to discuss any issues of programmatic interest.

- Mr. Henson pointed out that the NRC was appreciative of Navy's professionalism and its working relationship with the NRC. Mr. Henson also announced that he will be replacing Mr. Lesser as the Branch Chief, Materials Licensing and Inspection Branch 2, Division of Nuclear Materials Safety for Region II.

- Mr. Fuller informed the NRSC that in January he would begin a temporary rotation to NRC Headquarters. During his absence at Region II, Mr. John Pelchat will be acting as the MML Program Manager.

- Mr. Fuller stated that NRC has experienced extreme difficulty in communicating with the citizen who filed the 10 CFR Part 2.206 Petition for a Formal Hearing regarding sustained DU use in DoD. Because NRC has been unable to locate or communicate with the individual, it is possible that the NRC will deny the request for a Formal Hearing. NRC will forward the results of the Internal Management Meeting during January 2001.



Subj: MINUTES OF NAVAL RADIATION SAFETY COM. LTEE MEETING  
FOURTH QUARTER, CY-2000

- Mr. Fuller pointed out that the NRC had also received a list of questions relating to the Japanese DU counterweight issue. He explained that NRC is interested in this issue as it is directly pertinent to 10 CFR Part 40, which is currently being revised.

- Commander Higgins expressed gratitude to the NRC for the inspections that they have conducted recently at Naval commands. He expanded that NRC's observations and comments gleaned from these inspections affords the NRSC an opportunity to further evaluate and improve Navy programs. This has proven to be a valuable tool to the NRSC in implementing programmatic changes and ensuring regulatory compliance.

- Dr. Howe updated the NRSC on the status of the new 10 CFR Part 35. She stated that it had been approved and is currently undergoing final editorial changes. Dr. Howe reminded the NRSC that once the new 10 CFR 35 is published there will be a six-month implementation period.

- Dr. Howe additionally wanted to draw attention to an ongoing problem with Navy's payment of annual registration fees for the Loral Aerospace Aeronautic Model AN/AAS-38A Laser Target Designator/Ranger POD. Commander Higgins explained that the problem had been identified and resolved. This resolution will be monitored to ensure that it does not resurface in the future.

- Mr. Mattheis thanked the NRC for their comments. He added that this was the first NRSC Meeting he had Chaired and had always heard the NRC spoken of with the highest regard. He stressed that it is important that Navy continue to maintain open and candid communication with NRC and emphasized that Navy is very appreciative of the cooperation rendered by the NRC.

- Mr. Mattheis informed the meeting attendees that this would be the last NRSC meeting for LCDR Wolff who is retiring from active duty. Mr. Mattheis extended his heart-felt appreciation to LCDR Wolff for her years of hard work and numerous contributions to the Navy's medical physics program.



Subj: MINUTES OF NAVAL RADIATION SAFETY COMMITTEE MEETING  
FOURTH QUARTER, CY-2000

3. Mr. Mattheis adjourned the NRSC Meeting for the Fourth Quarter CY-2000 at 0915. The date for the next meeting of the NRSC is tentatively scheduled for Wednesday, March 7, 2001.



L. C. BAUCOM

Rear Admiral, U.S. Navy

Copy to:

NRSC Members

COMNAVSEASYS COM (08R)

NRC Reg. II (ATTN: M. Fuller)

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

NAVAL RADIATION SAFETY COMMITTEE  
4<sup>th</sup> Quarter Meeting -- December 13, 2000

AGENDA

a. Executive Secretary report on pending and closed action items from NRSC Meeting, 3<sup>rd</sup> Quarter, September 14, 2000.

1) Old Action Items:

- Expenditure of Depleted Uranium Rounds, Vieques, Puerto Rico. Navy's intention to decommission site.
- NRSC response to NRC MML Inspection and NOV. NRC receipt and acceptance of NRSC NOV response.

2) New Action Items:

- NRSC response to NRC Formal Hearing regarding DU use.
- Japanese DU counterweight.
- MCLB Albany, GA, UNSAT inspection and NRSC response.

b. Update on permitting and inspection actions - NEHC/RASO.

c. Presentation Period-

1) No presentations scheduled.

d. NRC Discussion Period - NRC Region II.

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

The next NRSC Meeting is proposed for March 7, 2001. The first Wednesday of the first week of each quarter.

Enclosure (1)

**Naval Radiation Safety Committee Meeting**  
**4th Quarter – December 13, 2000**

1. N45 Opening Remarks-

Rear Admiral Baucom welcomes NRC Region II and Headquarters Representatives.

Mr. Jay Henson	NRC Region II
Mr. Michael Fuller	NRC Region II, Navy MML Manager
Dr. D.B. Howe	NRC Headquarters

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

Mr. W. Mattheis	Acting Chairman, Naval Radiation Safety Committee Director, Environmental Protection, Safety and Occupational Health Division (N45)
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CAPT Blake	Bureau of Medicine and Surgery (Code MED-211) Office of Undersea Medicine and Radiation Health
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CAPT Farrand	Director, Radiological Controls Program Office Commander, Naval Sea Systems Command (SEA-04N)
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CAPT(s) Higgins	Executive Secretary, Naval Radiation Safety Committee Head, Radiological Control and Health Branch (N455)
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CDR Doremus	Officer in Charge, Radiological Affairs Support Office Naval Weapons Station, Yorktown, Virginia
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LCDR Wolff	Head, Radiation Health Team
LCDR Fetherston	Navy Environmental Health Center, Norfolk, VA

LCDR Gaiter	Health Physics Program Manager, Safety Division, United States Marine Corps
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LT Kahles	Recording Secretary, Naval Radiation Safety Committee Radiological Control and Health Branch (N455C)
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Mr. Frampton (Ad hoc Member)	Radiation Health Program Manager Naval Nuclear Power Program Naval Sea Systems Command (NAVSEA-08R)
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3. Introductory remarks by Mr. Mattheis to the NRSC members and the NRC. Extend congratulatory remarks to Captain Farrand on his recent promotion (01DEC00).

Extend thanks to LCDR Sandy Wolff for her service to the NRSC upon her upcoming retirement from the Navy.

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

Enclosure (2)



5. There are **2 Outstanding Action Items** (1 closed) reported at, or carried forward, from the previous NRSC Meeting, 3rd Quarter 2000 (September 14, 2000) with **three 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	DU recovery operations briefed to NRSC and NRC at NRSC Meeting.
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.
06DEC99	Status Report briefed at NRSC Meeting, 4 <sup>th</sup> 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	Remarks by CDR Farrand regarding logistic preparations for return.
04MAY00	Protestors removed from Vieques Range.
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%).
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), etc. - USMC actions taken: Tier I – III Training Courses Completed. - Tier I (Infantry) – Initial, Sustained, and Refresher Training completed. - Tier II (Infantry/Workers) – Workers with high potential for exposure. - Tier III (Command Personnel) – Commander's Course and USMC Professional Military Education Training.
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. - Daily updates by CAPT Farrand and CDR Doremus. - Recovery of <b>116</b> penetrators total as of 30SEP00.
13DEC00	Report of intent to seek site decommissioning in compliance with Multi-Agency Radiation Survey and Site Investigation Manual standards. RASO is preparing a decommissioning plan + timeline for NRSC review.
13DEC00	<b>Action Item #1 Pending.</b>

**Old Action Item #2. NRC Master Materials License Inspection - Severity Level IV  
Notice of Violation for 10 CFR 30.36(d) Non-Compliance**

24-28JUL00	NRC Annual MML Inspection identified NOV regarding 10CFR30.36(d).
01AUG00	NRSC requested RASO/NEHC conduct a review of all NRMPs with regards to DTR and compliance with NRC Standard Review Plan for Timeliness and Decommissioning (SRP 2000-9). Completed 30AUG00.
02AUG00	NRC outbrief of MML Inspection findings with NOV issued with respect to Naval Weapons Station, China Lake, CA, NRMP 04-68937-L1NP: 1. NRC assessed Navy had ceased principle activities in an outdoor area that contains residual radioactivity. 2. Navy had failed to notify NRC in writing requesting an alternate decommissioning schedule.
02AUG00	NRSC presented data in support of actions taken to decommission the five ranges at Naval Weapons Station, China Lake. NRSC proposes that NRMPs impacting National Security remain valid if inactivity > 24 months.
06SEP00	RASO/NEHC responds to 10CFR30.36(d) and SRP 2000-9 criteria: - NRMPs identified will either be (a) terminated, (b) held active for reason of National Security, or (c) held for future disposal when possible.
14SEP00	NRSC Meeting Discussion Point and Proposal: - NRSC has completed the NRMP review specifically for locations with: a. Cessation of principal activities of licensed materials (24 months). b. Continued retention of radioactive materials in the interest of National Security or due to non-existent disposal options. - NRSC will submit to the NRC a validation of the need for an extension of decommissioning timeliness rule annually, or terminate the NRMP.
29SEP00	NRSC responds to MML NOV finding to NRC for review. - Response was specific to China Lake decommissioning timeliness. - China Lake was requested to prepare a decommissioning plan within 90 days for review by RASO / NRSC.
11OCT00	NRC notification of receipt and approval of NRSC recommendations. Implementation will be examined during future inspections.
20NOV00	Letter to Naval Air Weapons Station, China Lake, requesting an Alternate Decommissioning Plan for RASO review by 15DEC00. NRSC to respond NRC by 29DEC00.
13DEC00	<b>Action Item Closed.</b>

**New Action Item #1. NRSC Response to Formal Hearing Request.**

01JUN00	NRC receives an electronic request for a Formal Hearing regarding sustained use of depleted uranium by DoD.
08SEP00	NRSC receives a 10CFR2.206 Petition for Formal Hearing from NRC.
10OCT00	DoD Service representatives meet to discuss the scope of the response.
30OCT00	Response signed by the Chairman, NRSC and hand delivered to NRC.
05DEC00	NRC confirms that Headquarters will meet 19DEC00 with response 01/01
13DEC00	<b>Action Item Pending. To Be Closed at Next NRSC Meeting.</b>



**New Action Item #2. NRSC Response to Japan Regarding DU Counterweight.**

__JUN00	Foundry owner in Tamano City, Okayama Prefecture, Japan polished surface of 16 year old metal cube purchased as scrap. Metal was identified as DU by Japan's Science and Technology Agency. Owner contacts Japan Broadcasting Corp. (NHK).
19SEP00	NHK corresponds with Philotechnics Company (Oak Ridge, TN) to identify the cube. Philotechnics responds back with technical information identifying the cube as a DU counterweight used in Navy/Air Force A-7's.
27SEP00	Philotechnics contacted RASO to inform Navy that they were communicating with NHK and had provided the NHK with information.
12OCT00	NRSC communicates with U.S. Forces Japan (e-mail) requesting information regarding local interest in subject. None noted in press.
15NOV00	NHK forwards questions to RASO. Response to be released via the NRSC and N45 Public Affairs Office.
05DEC00	Office of Deputy Under Secretary of Defense (Asian and Pacific Affairs) contacted. Response reviewed for release by cognizant NRSC Members. Response forwarded to NHK's New York Office. Copies to: RASO, CHINFO, DUSD(A&PA), NAVSEA-04N / 08R.
06DEC00	Copy of NRSC response forwarded to NRC Region II (Mr. H. Bermudez) and CNO Office N522 (International Affairs – Japan Desk).
13DEC00	<b>Action Item Pending. To Be Closed at Next NRSC Meeting.</b>

**New Action Item #3. UNSAT Inspection Marine Corps Logistics Base, Albany, GA.**

24-25 OCT	RASO inspection of MCLB, Albany, GA T1 Permit (Radioactive Commodities Handling and Storage) resulted in the following NOVs: 5 Severity Level III, 8 Severity Level IV, 2 Severity Level V.
08NOV00	UNSAT Inspection signed by Chairman, NRSC to MCLB, Albany via Headquarters Marine Corps. Voice notification made to Mr. Fuller.
17NOV00	Inspection reported signed at Headquarters, Commandant Marine Corps.
21NOV00	Received call from Mr. Fuller regarding commodity control and inventory concerns expressed by NRC. Specifically, loss of RAM identified during inspection. NRC will observe the actions of the NRSC.
21NOV00	Items listed as lost RAM were identified as Chemical Agent Monitors accounted for and previously reported to NRC in April 19, 1999 report. Copies of report transmitted to NRC Region II.
29NOV00-01DEC00	LCDR Gaiter, Headquarters Marine Corps, conducted inspection of program with attention on "way ahead" for program. Concentration on verbatim compliance and conduct of commodity inventories. Inspection report delivered to MCLB, Albany, GA by LCDR Gaiter.
12DEC00	Signed response of MCLB, Albany corrective actions forwarded to RASO for consideration.
13DEC00	<b>Action Item Pending. To Be Closed at Next NRSC Meeting.</b>



6. Updates on permitting and inspection actions:

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

7. NRC Discussion Period:

- NRC Region II Representatives.
- NRC Headquarters Representative.

8. Closing:

Mr. William Mattheis  
Acting Chairman, Naval Radiation Safety Committee

9. Next Meeting:

Tentatively scheduled for March 7, 2001

**TECHNICAL SUPPORT CENTER = NAVY ENVIRONMENTAL HEALTH CENTER (NEHC)**

<b>Permit Actions</b>	<b>New Issues</b>	<b>Terminations</b>	<b>Amendments</b>	<b>Renewals</b>	<b>Totals</b>
Permit Actions Carried Over from Previous Quarter	0	0	1	2	3
Permit Actions Received During Quarter	0	0	5	1	6
Total Permit Actions "In House" During Quarter	0	0	6	3	9
Actions Signed Out by NRSC	0	0	3	1	4
Quarterly Average Action Processing Time in Days	N/A	N/A	9	146	
Actions Exceeding NRSC Guidelines *1	0	0	0	0	0
Actions Pending at End of Quarter	0	0	2*	2	4

<b>Oldest Pending Permit Actions (Command)</b>	<b>NRMP Number</b>	<b>Days in House</b>	<b>Action</b>
Naval Hospital, Camp Pendleton, CA	04-68094-11NP	148	R
Naval Hospital, Jacksonville, FL	09-00232-11NP	36	R
Naval Medical Research Center, Bethesda, MD	19-32398-41NP	15	A
Naval Medical Center, San Diego, CA	04-00259-11NP	15	A

<b>Permit Inspections</b>	<b>Total</b>
Inspection Reports Carried over from Previous Quarter	0
Inspections Conducted During Quarter	5
Total Inspection Reports "In House" During Quarter	5
Inspection Reports Signed out by NRSC	5
Quarterly Average Inspection Report Processing Time in Days	27
Longest Inspection Report Processing Time This Quarter in Days	36
Inspection Reports Exceeding NRSC Guidelines *2	0
Inspection Reports Pending at End of Quarter	0

\* NOTE: One amendment request, Naval Dosimetry Center, Bethesda (NRMP 19-48539-91NP) was withdrawn.

\*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)

<i>Permit Actions</i>	New Issues	Terminations	Amendments	Renewals	Totals
Permit Actions Carried Over from Previous Quarter	3	1	1	0	5
Permit Actions Received During Quarter	2	3	10	5	20
Total Permit Actions "In House" During Quarter	5	4	11	5	25
Actions Signed Out by NRSC	4	4	11	1	20
Quarterly Average Action Processing Time in Days	90	21	28	5	
Actions Exceeding NRSC Guidelines *1	0	0	0	0	0
Actions Pending at End of Quarter	1	0	0	4	5

Oldest Pending Permit Actions (Command)	NRMP Number	Days in House	Action
SWFPAC	46-63402-B1NP	170	N
MCLB Barstow	04-38010-C1NP	76	R
SSC Great Lakes	12-0580A-A1NP	41	R
SSC Great Lakes	12-0580A-C1NP	41	R
NAVAIRSTA Patuxent River	19-00421-W2NP	6	R

<i>Permit Inspections</i>	Total
Inspection Reports Carried over from Previous Quarter	0
Inspections Conducted During Quarter	6
Total Inspection Reports "In House" During Quarter	6
Inspection Reports Signed out by NRSC	5
Quarterly Average Inspection Report Processing Time in Days	15
Longest Inspection Report Processing Time This Quarter in Days	19
Inspection Reports Exceeding NRSC Guidelines *2	0
Inspection Reports Pending at End of Quarter	1

\* Conducted 6 machine code inspections.

\*1 (New Issues, Terminations, Amendments &lt; 6 Months) (Renewals &lt; 12 Months)

\*2 ( Satisfactory Inspection &lt; 60 days, Unsatisfactory or Containing Level III Violation &lt; 14 days)



**LISTING OF NRMP ACTIONS/INSPECTIONS**  
4th QUARTER CY-2000

#	DATE	ACTIVITY	STATE CODE	DIC	TYPE CODE	NEHC/ RASO	ACTION
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**New Issues:** RASO = 4 NEHC = 0

1	20 Sep 00	Marine Corps Air Station, Iwakuni, Japan	80	62613	J1	RASO	Issue
2	13 Oct 00	Naval Air Systems Command, NAS, Patuxent River, MD	19	00019	T4	RASO	Issue
3	26 Oct 00	Director, Strategic Systems Programs, Washington, DC	08	00030	T1	RASO	Issue
4	05 Dec 00	Puget Sound Naval Shipyard, Bremerton, WA	46	00251	J2	RASO	Issue

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**Terminations:** RASO = 4 NEHC = 0

1	13 Oct 00	Naval Submarine Support Facility, New London, CT	06	68316	A1	RASO	Termination
2	26 Oct 00	Naval Facilities Engineering Service Center, Port Hueneme, CA	04	0537A	K1	RASO	Termination
3	26 Oct 00	Director, Strategic Systems Programs, Washington, DC	45	00030	T1	RASO	Termination
4	05 Dec 00	Navy Public Works Center, Yokosuka, Japan	80	65115	J1	RASO	Termination

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**Renewals:** RASO = 1 NEHC = 1

1	26 Oct 00	Public Works Center, Washington Navy Yard, Washington, DC	08	68925	J1	RASO	Renewal
1	14 Sep 00	Naval Medical Research Unit #2, Jakarta, Indonesia	62	30851	41	NEHC	Renewal

LISTING OF NRMP ACTIONS/INSPECTIONS  
4th QUARTER CY-2000

#	DATE	ACTIVITY	STATE CODE	UIC	TYPE CODE	NEHC/ RASO	ACTION
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Amendments: RASO = 11 NEHC = 3

1	13 Oct 00	Navy Mobile Construction Battalion FOUR, Port Hueneme, CA	04	55114	I1	RASO	Amendment
2	13 Oct 00	US Naval Academy, Annapolis, MD	19	00161	V1	RASO	Amendment
3	13 Oct 00	US Naval Academy, Annapolis, MD	19	00161	B1	RASO	Amendment
4	13 Oct 00	US Naval Academy, Annapolis, MD	19	00161	M1	RASO	Amendment
5	26 Oct 00	Naval Station Rota, Spain	77	62863	C1	RASO	Amendment
6	26 Oct 00	Naval Shipyard & Intermediate Maintenance Facility, Pearl Harbor, HI	53	32253	C1	RASO	Amendment
7	26 Oct 00	Naval Shipyard, Portsmouth, NH	28	00102	A1	RASO	Amendment
8	21 Nov 00	Marine Corps Logistics Base, Albany, GA	10	67004	T1	RASO	Amendment
9	21 Nov 00	Marine Corps Logistics Base, Albany, GA	10	67004	T2	RASO	Amendment
10	21 Nov 00	Marine Corps Logistics Base, Albany, GA	10	67004	T3	RASO	Amendment
11	05 Dec 00	31st Naval Construction Regiment, Port Hueneme, CA	04	55752	I1	RASO	Amendment
1	05 Oct 00	Naval Hospital, Camp Lejeune, NC	32	68093	11	NEHC	Amendment
2	13 Oct 00	Naval Medical Research Unit #3, Cairo, Egypt	61	61751	41	NEHC	Amendment
3	01 Dec 00	Naval Hospital, Camp Lejeune, NC	32	68093	11	NEHC	Amendment

**LISTING OF NRMP ACTIONS/INSPECTIONS**  
**4th QUARTER CY-2000**

#	DATE	ACTIVITY	STATE CODE	LIC	TYPE CODE	NEHC/ RASO	ACTION
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**Inspections:**      RASO = 5    NEHC = 5

1	13 Oct 00	USS Frank Cable (AS-40)	59	45255	A1	RASO	Inspection
2	13 Oct 00	USS Frank Cable (AS-40)	59	45255	C1	RASO	Inspection
3	26 Oct 00	Indian Head Division, Naval Surface Warfare Center, Yorktown Detachment, Yorktown, VA	45	47652	J1	RASO	Inspection
4	07 Nov 00	Marine Corps Logistics Base, Albany, GA	10	67004	T1	RASO	Inspection
5	14 Nov 00	Atlantic Ordnance Command, Yorktown, VA	45	00109	C1	RASO	Inspection
1	26 Oct 00	Naval Ambulatory Care Center, Groton, CT	06	61726	11	NEHC	Inspection
2	31 Oct 00	Naval Ambulatory Care Center, Newport, RI	38	68086	11	NEHC	Inspection
3	06 Nov 00	Naval Hospital, Okinawa, Japan	63	68470	11	NEHC	Inspection
4	08 Nov 00	Naval Medical Research Center, Detachment-Toxicology (NMRC/TD), Wright-Patterson AFB, OH	34	41817	41	NEHC	Inspection
5	17 Nov 00	National Naval Medical Center, Bethesda, MD	19	00168	21	NEHC	Inspection

**QA Program Actions:**    RASO = 0    NEHC = 0

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CURRENT NRMPs 4th QUARTER CY-200

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
<b>Total NEHC NRMPs</b>		<b>27</b>

Type Code	Description	Number
A	Radiography	13
B	General Industrial (Not Otherwise Coded)	11
C	Calibrator (> 100 Curies)	18
D	Environmental Applications	0
E	Type A Broad Scope	3
F	Type B Broad Scope	1
G	Type C Broad Scope	0
H	Special Nuclear Material SNM (Unsealed, < Critical Mass)	1
I	Portable Gauges	12
J	Analytical Measuring Instruments	24
K	Gas Chromatographs	0
L	DU Munitions Testing (Outdoors/Indoors)	4
M	Subcritical Assemblies	1
N	RTG Power Sources	2
O	Not Used	0
P	Fixed Gauges	1
Q	Irradiators	1
R	Buried Waste (NEESA)	1
S	Source Material	3
T	Radioactive Commodities Handling & Storage	12
U	Not Used	0
V	Special Nuclear Material SNM (< 200 grams)	1
W	Research and Development	3
X	Calibrator (< 100 Curies)	0
Y	Not Used	0
Z	Not Used	0
<b>Total RASO NRMPs</b>		<b>112</b>

**GRAND TOTAL NRMPs**

**139**

Date Prepared 1/8/01  
Enclosure (4)

