

5090
Ser 1832.4L6303
16 Jul 1996

From: Commanding Officer, Engineering Field Activity, West, Naval Facilities Engineering Command
To: Commanding Officer, Southwest Division, Naval Facilities Engineering Command (Attn: Code 01311)

Subj: MILITARY INTERDEPARTMENTAL PURCHASE REQUEST (MIPR)

Encl: (1) OPNAV Notice 5100

1. MIPR N68711-95-MPC5007 was issued for radioactive waste disposal requirements at Hunters Point Shipyard in Fiscal Year (FY) 1995. Request an additional MIPR be issued for FY 96 in the amount of \$56,000 for screening and disposal of radioactive waste not completed in FY95 from the previous MIPR. In support of this MIPR request, enclosure (1) provides the policy for disposal of low level radioactive waste (OPNAV Notice 5100).

2. Please furnish the MIPR by 25 July 1995 to:

Commander,
U.S. Army Industrial Operations Command
ATTN: AMSIO-DMW (Mrs. Tracey Cook)
Rock Island, IL 61299-6000
FAX COM Number: (309) 782-2988, FAX DSN Number: 793-2988

3. If you have any questions, please contact Ms. Luann Tetirick, Code 1832.4, at DSN 494-2561 or commercial (415) 244-2561.

Original signed by:

RICHARD E. POWELL
By direction of
the Commanding Officer

Blind copies to:
62.3, 1832, 1832.4
09CMN, 182A, 60B.1, 62C, HPS CSO
Admin Records (3 Copies, w/encl)
Chron, Green
Activity File: HPS (aka HPA) (FileL6303LT.DOC) ab



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350-2000

Maggie
Request # 13602

Canc: Mar 93
IN REPLY REFER TO

OPNAVNOTE 5100
Ser 455/2U601665
7 APR 92

OPNAV NOTICE 5100

From: Chief of Naval Operations
To: All Ships and Stations

Subj: LOW LEVEL RADIOACTIVE WASTE (LLRW) DISPOSAL PROGRAM

Ref: (a) OPNAVINST 6470.3
(b) OPNAVINST 5100.8G
(c) NAVSEAINST 5100.18A

1. Purpose. To establish policy for disposal of low level radioactive waste (LLRW).
2. Scope. This notice applies to all Department of the Navy (DON) activities engaged in the operational or medical use, handling or storage of radioactive material (RAM), or devices and commodities containing RAM. It does not apply to activities using radioactive materials transferred from the Department of Energy to the Department of Defense in accordance with Section 91B of the Atomic Energy Act of 1954, as amended. Presidential Executive Order 12344, statutorily prescribed by Public Law No. 98-525, 42 U.S.C. § 7158 note (1984), establishes the responsibilities and authorities of the Director, Naval Nuclear Propulsion Program (OP-00N) (who is also the Deputy Commander, Nuclear Propulsion Directorate in the Naval Sea Systems Command), including prescription of standards and requirements for the control and disposition of radioactive materials associated with the program. Accordingly, the provisions of this notice do not apply to the management of radioactive materials associated with the Naval Nuclear Propulsion Program.
3. Cancellation. NAVSUPINST 5101.9B.
4. Background. Reference (a) established the Navy Radiation Safety Committee (NRSC) to control the use of RAM within Navy and Marine Corps. This responsibility includes its ultimate disposal. References (b) and (c) establish Commander, Naval Sea Systems Command (COMNAVSEASYSKOM) as the program manager for the disposal of radioactive waste. Significant changes in national policy and federal regulations concerning the disposal of LLRW have made it necessary to institute a program which is both responsive to the user and cost effective.
5. Discussion. The Navy LLRW disposal program provides a means to minimize quantities of RAM stored at sites worldwide and reduces the potential for radioactive contamination and personnel.

Per Rick 5/9/95

to be reviewed because of mandatory course

Enclosure ()

OPNAVNOTE 5100

radiation exposures. The central component of the program is an Interservice Support Agreement (ISSA) between DON and Department of the Army (DOA) for consolidation, compaction and burial of LLRW. In the ISSA, the waste generator will normally pay only transportation costs, not actual burial costs. In those cases requiring extensive on-site assistance, other costs may apply. This ISSA will not only yield a cost savings, but will also provide a positive method of controlling and recording for posterity individual LLRW shipments.

6. Definition

a. For the purposes of this program, LLRW is defined as:

(1) Surplus, unwanted or unserviceable devices, commodities, instruments and articles readily identifiable as containing radioactive material.

(2) Radioactive material for which there is no longer a useful purpose.

(3) Property contaminated with radioactive material to the extent that decontamination is economically unfeasible.

(4) Radioactive residue from decontamination operations.

(5) Animal tissue contaminated with radioactive material except as noted below.

NOTE: Before the items listed in (a)(1) and (a)(2) above are declared LLRW, every attempt shall be made to have them returned to the manufacturer or transferred to another activity or facility that has a use for and is authorized to possess the material. They should be declared waste only after such actions are unsuccessful.

b. For the purposes of this program LLRW does NOT include:

(1) 0.05 microcuries, or less, of Hydrogen-3 or Carbon-14 per gram of medium used for liquid scintillation counting.

(2) 0.05 microcuries, or less, of Hydrogen-3 or Carbon-14 per gram of animal tissue, averaged over the weight of the entire animal.

(3) Excreta from individuals undergoing medical diagnosis or therapy with radioactive material.

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(4) Radioactive material which is held for disposal by decay-in-storage or transferred to a commercial contractor authorized to receive the material for disposal by decay-in-storage.

7. Responsibilities

a. The Deputy Chief of Naval Operations (Logistics) (OP-04) is the resource sponsor for the program. The NRSC, chaired by Director, Environmental Protection, Safety and Occupational Health Division (OP-45) administers the program and shall:

(1) Be the sole point of contact with LLRW regional compacts, and state, federal and foreign agencies regarding Navy LLRW policy for radioactive materials within the scope of this notice.

(2) Be the routine point of contact between DON and the Nuclear Regulatory Commission (NRC) concerning disposal of NRC licensed material.

(3) Provide guidance and resources to the program manager for execution of the LLRW program.

b. COMNAVSEASYSOM (SEA-06GN) is the program manager and shall:

(1) Issue directives governing the program for disposal of LLRW.

(2) Provide management oversight of the operation of the LLRW disposal program.

c. Naval Sea Systems Command Detachment, Radiological Affairs Support Office (NAVSEADET RASO) is designated as the technical support center for execution of the program and shall:

(1) Manage the daily routine operation of the LLRW disposal program.

(2) Provide authorization and specific written instructions to Navy and Marine Corps activities for each LLRW disposal transaction.

(3) Develop and maintain current operating procedures for disposal of classes of LLRW.

(4) Be the Navy agent for administration and operation of the ISSA with DOA.

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(5) Maintain permanent records of each Navy and Marine Corps LLRW disposal transaction.

(6) Provide SEA 06GN and OP-45 with quarterly statistical summary of the LLRW disposal program and estimates of LLRW volume awaiting disposal.

d. Commanding Officers and Officers in Charge shall:

(1) Dispose of LLRW only through this program unless an alternate method is authorized in the applicable Navy Radioactive Materials Permit or by OP-45. Existing contracts for disposal of LLRW may continue in effect until completed.

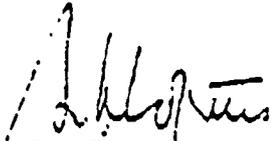
(2) Dispose of LLRW only under authorization from NAVSEADET RASO.

(3) Comply with instructions and guidance issued by NAVSEA 06GN and NAVSEADET RASO for every LLRW disposal action.

8. Action. Navy and Marine Corps activities shall:

a. Institute actions with the technical support center NO LATER THAN 1 SEPTEMBER 1992 to arrange for disposal of all stored LLRW in accordance with this notice.

b. Dispose of all other LLRW by coordination with the technical support center as it is generated, rather than storing LLRW until large volumes are accumulated. LLRW should not routinely be accumulated or stored for periods greater than ninety days. LLRW shall not be shipped to SEA 06GN or NAVSEADET RASO.


S. F. LOTTUS
By direction

Distribution:

SNDL Parts 1 and 2

MARCORPS PCN 71000000000 and 7100000100

RADIOACTIVE WASTE DISPOSAL SERVICES, CRCPD NOTES OF JUNE, 1992

Brokers	Contact Person	Telephone / Fax	Will Accept:						Will Provide:									
			Max. mg Ra-226	Neutron sources	Leaking sources	Contam. Equip.	DIR, NORM	Shd. Wt.	Foreign Waste	Low H.P. alloy	7A Cont.	2R Cont.	S.S. PPE	Leak test	Plg ing.	Im- port	Ready Permit	
A. B. Gamma Inc	Ron Bullard	815/485-8998	No Lim	yes	yes	yes	no	LSC	no	no	yes	yes	no	yes	yes	yes	no	
ADCO Services	Richard Brown	800-282-2326 708/429-9759	1000	yes	yes	yes	yes	LSC	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Alaron Corp.	Peter Davin, Arlin Smith	412/772-0268 -0268	0	no	no	yes	yes	no	no	no	no	no	no	no	no	no	yes	
Allod Ecology	Jeff Crawford Tom Elias	510/463-9280 -9283	No Lim	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Appfest Health Phy.	John Kowal	412/835-9555 -9559	No Lim	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	
Chemo Nuc. Systems	Mark Lewis	803/258-0450 799-4470	No Lim	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	
Emirocare	Charles Judd	801/532-1310 537-7345	<2uCi/g	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	
Natural Radiation Specialists	Jeff Abers	815/485-6888 -4433	no	no	no	no	yes	no	no	no	no	no	no	no	no	no	no	
INDL Organization	Peter Pastorella	814/737-7200 -8244	1000	no	no	yes	yes	yes	no	no	yes	yes	no	yes	yes	yes	yes	
NSSI	Robt Gallagher	713/641-0391 -8153	No Lim	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Quadrex Corp.	Ben Warren	901/373-6066 315-2699	0	no	no	no	no	yes	no	no	no	no	no	no	no	no	no	
Quadrex Corp.	Janet Brochouse	615/482-5532 -5605	0	no	no	yes	no	yes	no	no	no	no	no	no	no	no	no	
H. A. Services	John Conner	915/583-4127 -9224	No Lim	some	yes	yes	no	no	no	yes	yes	yes	yes	yes	yes	yes	no	
INDIAC Res. Corp.	Arthur G. ven	718/963-2233 388-5107	Case by case	some	yes	some	yes	LSC	no	no	yes	no	no	yes	yes	no	no	
PAMP Indust., Inc.	John Lucas	303/480-1509 458-7454	900	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	yes	yes	
RISO, Inc.	Jack Patterson	301/953-2482 494-3017	1000	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	no	
Sci. Ecol Group	Jim Harvey	615/481-0222 (83-4702)	No Lim	yes	yes	yes	yes	yes	yes	no	yes	yes	no	yes	yes	yes	yes	
Teledyne Isotopes	Steven A. Black	201/664-7070 -5588	50	no	no	yes	yes	LSC	no	no	yes	no	no	yes	yes	yes	no	
Thomas Grey Assoc.	Richard Galege	714/997-8090 -3567	50	yes	yes	yes	no	yes	no	no	yes	yes	yes	yes	yes	yes	yes	
US Ecology	Deise Brown	502/426-7160 -5018	No Lim	yes	yes	yes	yes	LSC	no	yes	yes	yes	yes	yes	yes	yes	yes	
Los Alamos Natl. Lab	Shrew Jones	505/865-2712 687-1139	no	Pu238	yes	yes	no	no	no	no	no	no	no	yes	no	no	no	

Among firms that transport radioactive materials, four mentioned by the waste brokers are: Homan Transport 815/481-0222; Knudick Transport 615/422-8157; Tri-states Motor Transport 800/641-7580; Yellow Freight (local offices); J. B. Hunt, BB Rucker, 800/306-0539.

Consultants for waste, decon, and training, other than those of the broker firms, that have requested mention here are: Bland Assoc. 410/206-8174, Fax. -5811; Al Grella 703/912-2530; Don Hendricks 702/878-4420; Son Huber Consultants 815/485-8161, Fax. -4433; Macrae Int'l. 713/946-5121, Fax. 713/941-8723. For help with Urat, D.O. non-n source Pu call Mark Khalil, Savannah H. Site, 803/725-1572, Fax. 8816. For other U call Tom Wynn, OFSA, 615/578-0630.

Additional firms are identified in the CRCPD Calendar of Radiation Related Training and Meetings.

Please telephone corrections or additions to Terry Davine, 502/227-4543.

05/08/95 14:44 ENVIROMENTAL TRAINING UNIT STAFF

9. GENERAL PROVISIONS (Complete blank spaces): The following general provisions, as set forth in Chapter III, DOD 4000.10-4 apply to this agreement unless otherwise specified in "Remarks" block below:

a. The Receiving Activity will provide the Supplying Activity protections of support required to accomplish its mission. Significant changes in the Receiving Activity function, mission or support requirements will be submitted by the Receiving Activity in a manner that will permit timely modification of resource requirements.

b. It is the responsibility of each agency providing support under this agreement to bring any required or requested change in support to the attention of AMSMC-SFR prior to providing/reducing unilaterally such additional/reduced support.

c. Activities providing reimbursable support in this agreement will submit a monthly statement of costs to AMSMC-CPF-AO for preparation of billing document, SF 1080.

d. Manpower required in support of this agreement which is subject to return to the lending activity upon termination of the agreement: None (Enter number or if no manpower is required, enter "None").

e. All rates expressing the unit cost of services provided in this agreement are based on current rates which may be subject to change for uncontrollable reasons, such as Congressional legislation, DOD directives, commercial utility rate increases, etc. The receiver will be notified immediately of such rate changes.

f. This agreement will be reviewed biennially at least 120 days prior to the anniversary date. It may be revised at any time upon the mutual consent in writing of the parties concerned.

g. This agreement may be cancelled at any time by mutual consent of the parties concerned. This agreement may also be cancelled by either party upon giving at least 180 days written notice to the other party.

h. In case of mobilization or other emergency, this agreement will remain in force within supplier's capabilities, subject to normal cancellation provisions and will be subject to review at that time. This agreement will not be terminated if such action impairs the combat mission of the receiving activity as determined by higher headquarters.

10. REMARKS

1. This agreement describes and delineates the responsibilities of the U.S. Army Armament, Munitions and Chemical Command and the Naval Sea Systems Command for the joint effort of decontamination, collection, packaging, certification, handling, shipping, and disposal of low-level radioactive waste materials throughout the Army and the Navy.

2. The U.S. Army Armament, Munitions and Chemical Command shall not be responsible for any violations of Federal or State regulations due to shipments of radioactive waste packaged and certified by the Navy or the contractor on behalf of the Navy.

3. The Naval Sea Systems Command shall not be responsible for any violations of Federal or State regulations due to shipments of radioactive waste packaged and certified by the Army or the contractor on behalf of the Army.

4. Costs shown are reflective of estimated volume, conditions and types anticipated for the Navy program. These estimates are intended for planning only. Actual costs will result from actual volume, condition, and types of material disposed. No predetermined minimum funding level has been established.

5. Attachments: Annex 1: General Provisions
 Annex 2: Specific Provisions
 Annex 3: Cost and Cost Savings (FY 92)
 Annex 3a: Cost and Cost Savings (FY 93 and after)

11. COMPTROLLER CONCURRENCE (Supplier Signature & Date) <i>Patricia J. Dorman</i>		12. COMPTROLLER CONCURRENCE (Receiver Signature & Date) <i>Robert L. Hood</i> 10/25/91	
13. TYPED NAME AND ORGANIZATION OF SUPPLIER APPROVING AUTHORITY PAUL L. GREYBERG Major General, USA Commanding		13a. SIGNATURE <i>Paul L. Greymburg</i>	13b. DATE 13 Jan 92
14. TYPED NAME AND ORGANIZATION OF RECEIVER APPROVING AUTHORITY RADM J. T. HOOD, USN Naval Sea Systems Command		14a. SIGNATURE <i>J. T. Hood</i>	14b. DATE 11/7/91

Block 10, Remarks (continued)

6. Distribution: HQ, AMCCOM
AMSMC-CPF
AMSMC-CPB-OB
AMSMC-PCW
AMSMC-SFR
AMSMC-TMD
AMSMC-GC
Naval Sea Systems Command
AMSMC-MGP

ANNEX 1 - GENERAL PROVISIONS

1. The purpose of this agreement is to provide low-level radioactive waste disposal services for the Army and Navy until 1 October 1996. The Departments of the Army and the Navy will operate a low-level radioactive waste disposal program to be administered by the Army's designated Safety Office Radioactive Waste Disposal Division (Headquarters, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-SFR, Rock Island, IL 61299-6000).
2. No contract or disposal efforts shall be made by any Navy generating activity for the disposal of Navy or Army low-level radioactive waste outside this agreement. When approved by both parties, this agreement allows for, but does not require that, materials transferred from the Department of Energy to the Department of Defense (DOD), per the Atomic Energy Act of 1954, Part 91b, or maintenance of Naval nuclear propulsion plants, be disposed of through this agreement other than decay and storage. Other exceptions for special conditions may be approved through the joint services Radioactive Waste Disposal Program.
3. The Army-operated Radioactive Waste Disposal Program will provide contract and other disposal services, as required, to meet Navy or Army low-level radioactive waste disposal requirements.
4. Contract services available from the program will include operation of one or more consolidation site, complete with brokers qualified to support the handling, packaging, compaction, certification, oxidation, and shipment of low-level radioactive waste (including classified materials) to accomplish Navy and Army requirements.
5. Other services to be provided by the Radioactive Waste Disposal Program include: validation of program costs, interface with appropriate State and local agencies, development of program procedures and controls, contract administration, technical evaluation of program activities, and liaison to DOD and Federal agencies.
6. The Navy will provide estimated volumes for the Navy program 1 month prior to the start of each fiscal year.
7. For the purpose of this agreement, the Navy share of program administrative costs will be fixed based on an estimated volume not exceeding 10,000 cubic feet in FY 92 and 2,000 cubic feet in FY-93 and after. All other services and surcharges will be billed at actual contractor costs.
8. Two qualified brokers, at least one of which will be a Government broker, will inspect all shipments direct to any commercial burial site.

ANNEX 1 - GENERAL PROVISIONS (continued)

9. For the purpose of this agreement, the Radioactive Waste Disposal Division, AMSMC-SFR, shall act as agent for the Army. The agent for the Navy is the Naval Sea Systems Command Detachment, Radiological Affairs Support Office, Yorktown, VA 23691-5098. ||

10. The Navy and Army will not routinely provide technical services/instructions to each other for the packaging, compaction, consolidation, certification, and shipment of waste, except as outlined in Annex 2.

11. Either party to this interservice support agreement may request reevaluation, renegotiation, or termination of the terms and conditions of this agreement, in part or total, with 30 days written notice.

12. This agreement is binding on both the Army and the Navy until 1 October 1995. ||

ATTACHMENT 2 – ANNEX 2: SPECIFIC PROVISIONS

THIS ATTACHMENT IS NOT AVAILABLE.

EXTENSIVE RESEARCH WAS PERFORMED BY NAVFAC
SOUTHWEST RECORDS OFFICE TO LOCATE THE MISSING
ATTACHMENT. THIS PAGE HAS BEEN INSERTED AS A
PLACEHOLDER AND WILL BE REPLACED SHOULD THE
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FOR ADDITIONAL INFORMATION, CONTACT:

DIANE C. SILVA, RECORDS MANAGER
NAVAL FACILITIES ENGINEERING COMMAND, SOUTHWEST
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132

TELEPHONE: (619) 532-3676
E-MAIL: diane.silva@navy.mil

ATTACHMENT 3 – ANNEX 3: COST AND COST SAVINGS
(FY 92)

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ATTACHMENT 4 – ANNEX 3a: COST AND COST SAVINGS
(FY 93 AND AFTER)

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