This isn't right → # 1847

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / K-25 CEP

Requestor — Document Center (is requested to provide the following document)

Date of request 6/22/95 — Expected receipt of document 7/15/95

Document number D02329 — Date of document 2/21/90

Title and author (if document is unnumbered)

Lead Bank and Waste Lead Disposal Inventory (2 items) — 1 item Ltr from Lee to Spence, dated 2/21/90, Lead Bank and Waste Lead Disposal Inventory (Sent to Y-12 for Release 6/26/95); 2nd item - Ltr from Mitchell to Bostock et al. dated 2/12/90, Lead Bank and Waste Lead Disposal Information Request

(This section to be completed by Document Center)

Date request received 6/23/95

Date submitted to ADC "

Date submitted to HSA Coordinator 1) 6/26/95 to Y-12
2) 6/26/95 to K-25

(This section to be completed by HSA Coordinator)

Date submitted to CICO K-25 2) 6/26/95

Date received from CICO K-25 2) 6/28/95

Date submitted to ChemRisk/Shonka and DOE 6-28-95

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received

Signature

cc: Steve Wiley - Please handle for Y-12 document attached. Sheila 6/26/95

1847

ChemRisk Document No. 1847

1847

MARTIN MARIETTA

Internal Correspondence

MARTIN MARIETTA ENERGY SYSTEMS, INC.

February 12, 1990

D. J. Bostock
R. G. Donnelly
G. G. Fee
W. R. Golliher
A. W. Trivelpiece

2/16/90

Lead Bank and Waste Lead Disposal - Information Request

Energy Systems has been requested by DOE-ORO to provide information on lead usage and lead waste. This information will be forwarded to DOE Headquarters to support efforts under way to update the Department's lead management policy (Attachment 1) and to assist them in addressing radioactive mixed waste issues regarding the Land Disposal Restrictions (LDRs) of the EPA (Attachment 2). Attached for completion by your staff are the inventory information forms provided by DOE/HQ (Attachment 3). Attachment 3 also includes guidance for completing the forms and some additional supporting information. Attachment 4 of the package provides information on the DOE lead bank. The information on waste lead will be used in establishing a working group to identify Best Demonstrated Available Technology (BDAT) for these wastes as required under the LDRs.

DOE-ORO has requested that this information be furnished to them by Friday, February 16, 1990. The Central Waste Management Office (CWMO) had requested an extension until March 1, 1990, however, a commitment had already been made to Mr. Leo Duffy and they were unable to grant an extension. Due to the quick turnaround, an extensive amount of supplemental information was faxed to waste management personnel on February 9, 1990, so that they could begin their endeavor.

Should you have any questions regarding this request, please contact L. J. Mezga of my staff at 4-7259.

M. E. Mitchell

M. E. Mitchell, K-1001, MS 7155, ORGDP (6-8006)

MEM:BMEisenhower:rtw (CWMO 90-021)

Attachments

cc w/o attach: J. M. Collins
B. M. Eisenhower
J. E. Heiskell
E. S. McDougald
L. J. Mezga
F. R. Mynatt
T. P. Perry
C. H. Peterson
T. H. Row/J. W. Swanks
C. K. Stalnaker

Oak Ridge K-25 Site
Oak Ridge, Tennessee 37831-7314
managed by
MARTIN MARIETTA ENERGY SYSTEMS, INC.
for the U.S. DEPARTMENT OF ENERGY
under Contract DE-AC05-84OR21400

This document has been approved for release to the public by:
Technical Information Officer 6/27/95 Date
Oak Ridge K-25 Site

DOCUMENT DESCRIPTION (Completed By Requesting Division)

Document No.	Author's Telephone No.	Acct. No.	Date of Request
Y/TS-1364	6-0263	2366000 3	06/27/95

Unclassified Title: LEAD BANK AND WASTE LEAD DISPOSAL INVENTORY

Author(s) Requestor: Steve Wiley

TYPE: ☐ Formal Report ☐ Informal Report ☐ Progress/Status Report ☐ Co-Op Report ☐ Thesis/Term Paper

☐ Oral Presentation (identify meeting, sponsor, location, date):

☐ Journal Article (Identify Journal):

☒ Other (Specify): To Be Released to ChemRisk, Phase II

Document will be published in proceedings ☑ No ☐ Yes

Document will be distributed at meeting ☑ No ☐ Yes

Document has patent or invention significance ☑ No ☐ Yes (Identify)

Document has been previously released ☑ No ☐ Yes (Reference)

DIVISION REVIEW AND APPROVAL (Completed By Requesting Division)

TECHNICAL CLASSIFICATION REVIEW (Divisional Classification Representative)

Title(s): Unclassified Abstract: —

DOCUMENT: Level — Category —

R.T. Crisp 28 June 1995
Signature Date
Y-12 Classification Office

DOCUMENT REQUEST APPROVED (Division or Department)

Signature 6/27/95 Date

Signature Date

THE REMAINDER OF THIS FORM TO BE COMPLETED BY THE TECHNICAL INFORMATION OFFICE

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M-3679 Category

ANNOUNCE IN: ☐ AWDR (Available from OSTI) ☐ ANCR

Distribution:	UCN-7721B	DOE F-1332.15	Document
Y-12 Central Files	Y-12 RC	Y-12 RC	Y-12 RC
TIO File	L.L. McCauley		
	S.W. Wiley		
	R.M. Keyser		

Distribution Remarks: Public (ChemRisk)

APPROVAL AND RELEASE

Date Received

Date Initiated 6/27/95

☒ CLASSIFICATIONS:

Title(s): U Abstract —

DOCUMENT:

Level U Category —

Weapons Data — Sigma —

R.R. Baylor Jr. 6/28/95
Y-12 Classification Office Date

☐ Editor Date

☒ Patent Office 6/28/95 Date

☐ Date

☐ Date

APPROVED FOR: ☐ Declassification ☐ Release subject to use of the following admonitory markings and conditions:

☐ Disclaimer ☐ Copyright ☐ Patent Caution ☐ Other

Technical Information Office 6/28/95 Date

Conditions/Remarks:

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

J. Lamb / K-25 CEP

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Date submitted to CICO 2) 6/26/95

Date received from CICO

Date submitted to ChemRisk/Shonka and DOE

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received

Signature

cc: Steve Wiley - Please handle for Y-12 document attached. Sheila 6/26/9

Y/TS-1364

MARTIN MARIETTA ENERGY SYSTEMS, INC.

POST OFFICE BOX Y
OAK RIDGE, TENNESSEE 37831

February 21, 1990

APPROVED FOR PUBLIC RELEASE
Technical Information Office 6/28/95 Date

Mr. R. J. Spence
Department of Energy, Oak Ridge Operations
Post Office Box 2001
Oak Ridge, Tennessee 37831

Dear Mr. Spence:

Lead Bank and Waste Lead Disposal Inventory

Attached are the completed data sheets indicating the quantities of elemental lead from all sources at the Y-12 Plant as outlined in the recent DOE Memorandum, "Lead Bank and Waste Lead Disposal," Attachment 3, from J. E. Hill and R. P. Barube, to Manager, Oak Ridge Operations Office, dated January 17, 1990. The information requested is provided on the data sheets included in attachments of the above memo. It should be noted that this inventory took into account all lead at the Y-12 Plant, including clean and waste lead.

If you have any questions concerning Y-12 lead inventories, or require additional information on this matter, please contact J. K. Bailey, Department Head of Waste Management Engineering, at 574-0466.

Very truly yours,

Steve Polston
for Gordon G. Fee
Vice President and
Y-12 Plant Manager

GGF:JKBailey:JKG:jla

Attachments (4): Data Sheets on Lead Inventory

cc/att: J. K. Bailey - NoRC
G. G. Fee
J. E. Heiskell Jr.
I. W. Jeter
R. R. Kimmitt
E. S. McDougald
L. J. Mezga
M. E. Mitchell
S. A. Polston

This document has been reviewed for classification and has been determined to be UNCLASSIFIED.
Sara A. Welch
ADC Signature
6/26/95
Date

ATTACHMENT A

DATA SHEET ON LEAD INVENTORY

Date Prepared February 16, 1990 **Facility** Waste Management Y-12 Plant **Site** Y-12 Plant

Preparer J. K. Gilpin **Telephone** (615)574-6809 **FY** 1990

(a) Type of Lead (cask, brick, shot, etc.)	(b) Weight of Lead (pounds)	(c) Contaminated or Clean	(d) Weight of Lead Available for use (pounds)	(e) Weight of In-Use Lead (pounds)	(f) Contamination Type	(f) Contamination Level	(g) Storage Status	(h) Comments
Brick	7,316	Clean	7,316	0		Clean	Warehouse	Stores Inventory
Sheet	904	Clean	904	0		Clean	Warehouse	Stores Inventory
Shot	100	Clean	100	0		Clean	Warehouse	Stores Inventory
Other								
1. Scrap	8,000	Contam.	0	0	U	> 32 pCi/g	Containerized	Waste
2. Scrap	25,630	Clean	25,630	0		Clean	Salvage Yard	Offered for Public Sale
3. Test Weights	245,000	Clean	0	245,000		Clean	Storage Lockers	Weights Used for Load Testing

02/12/90 08:21 NO.225 P017/020

ATTACHMENT B

DATA SHEET ON PROJECTED DOE LEAD REQUIREMENTS BY FISCAL YEAR

Date Prepared February 16, 1990 Facility Y-12 Plant Waste Management Site Y-12 Plant

Preparer J. K. Gilpin Telephone (615)574-6809

Fiscal Year	(a) Type of Lead (brick, shot, sheet, etc.)	(b) Weight of Lead (pounds)	(c) Duration of Project (years)	(d) Status After Use		(e) Description of Use (casks, reactor operations, hot cells, etc.
				Clean	Contaminated	
FY 90		0				
FY 91		0				
FY 92		0				
FY 93		0				
FY 94		0				

02/12/90 09:22 NO.225 P019/020

ATTACHMENT C

DATA SHEET ON LEAD PROCURED IN FY-88 AND FY-89

Date Prepared February 16, 1990 Facility Y-12 Plant Waste Management Site Y-12 Plant

Preparer J. K. Gilpin Telephone (615)574-6809

Fiscal Year	(a) Source of Lead: Lead Bank	(a) Source of Lead: Available on site	(a) Source of Lead: Outside Procurement	(b) Type of Lead (brick, sheet, shot, etc.	(c) Weight (pounds)	(d) Duration of Need (years)	(e) Status After Use: Clean	(e) Status After Use: Contaminated	(f) Description of Use (casks, hot cells, etc.)
FY 88			X	Cakes	50		Clean		Shielding
			X	Bar	1150		Clean		Shielding
			X	Sheet	1772		Clean		Shielding
FY 89			X	Sheet	175		Clean		Shielding

ATTACHMENT D

DATA SHEET ON CONTAMINATED LEAD *

Date Prepared February 16, 1990 Facility Y-12 Plant Waste Management Site Y-12 Plant

Preparer J. K. Gilpin Telephone (615)574-6809

(a) Recyclable Determination	(b) Processes Employed To Decontaminate	(c) Acceptable Contamination Levels Established	(d) Method of Transfer or Disposal
(See Note 1, Below)	None	<32 pCi/g	(See Note 1, Below)

1. Contaminated lead currently being stored in suitable containers. Methods of disposal or transfer are being investigated.

*Attach supplemental narrative as determined necessary.

Y-12 COMMITMENT SYSTEM REPORT

2/20/90
12:43

ID Number: 2827

Person Responsible: SA Polston

Person(s) Assisting: JE Heiskell

Commitment: Please provide DOE with the information requested regarding lead usage and lead waste.

Due Date: 2/16/90 Completion Date: 0/ 0/ 0 Priority: 0

Status:

Comments:

References: FAX: Mitchell to Addressees, dated February 12, 1990, "Lead Bank and Waste Land Disposal - Information Request"