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

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Date of request 7/17/95 Expected receipt of document 8/11/95

Document number ER000340 Date of document 7/22/91

Title and author (if document is unnumbered)
Oak Ridge K-25 Site 1991 Stack and Vent Survey

(This section to be completed by Document Center)

Date request received 9/12/95

Date submitted to ADC 9/13/95

Date submitted to HSA Coordinator 9/18/95

(This section to be completed by HSA Coordinator)

Date submitted to CICO 9/19/95

Date received from CICO 9-20-95

Date submitted to ChemRisk/Shonka and DOE 9-28-95

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

Date document received

Signature

# 2311

# Internal Correspondence

MARTIN MARIETTA ENERGY SYSTEMS, INC.

ER000340

ENVIRONMENTAL RESTORATION
DIVISION DMC

July 22, 1991

Distribution

Oak Ridge K-25 Site 1991 Stack and Vent Survey

A Stack and Vent Survey is being initiated at the Oak Ridge K-25 Site for compliance with various sections of the Clean Air Act. The majority of this work will be done by a subcontractor and coordinated through the K-25 Site Environmental Management Department (EMD). Each person at this site is expected to participate at the level requested by the EMD in implementing this survey. To facilitate the initial phase of this Stack and Vent Survey, the attached questionnaire should be completed with the best information available and submitted to A. C. Lay of the EMD, Building K-303-8, MS-7314, by August 5, 1991. Because this survey will be used for compliance purposes, it is imperative that each stack and vent at this site be identified and the information associated with each stack and vent be of the highest quality. Your cooperation with this effort will be greatly appreciated.

If you have any questions or require additional information, please contact A. C. Lay at 576-5473.

JUL 29 1991

L. E. Hall

L. E. Hall, K-1001, MS-7134 (4-7930)

LEH:ACL:cmd

Attachment

cc: P. J. Gross (DOE)
J. R. Merriman
File - LEH

cc/att: H. L. Fellers Jr.
R. E. Frounfelker (DOE)
M. P. Humphreys (DOE)
R. H. Kingrea
A. C. Lay/ J. M. Forstrom
J. M. Wolfe, Jr.
EMD Document Center - RC

The Oak Ridge K-25 Site is managed by Martin Marietta Energy Systems, Inc., for the U.S. Department of Energy under contract DE-AC05-84OR21400.

This document has been reviewed for classification and has been determined to be UNCLASSIFIED.
Jerry V. Spence
ADC Signature
9-18-95
Date

This document has been approved for release to the public by:
Kevin S. Smith 9/19/95
Technical Information Officer Date
Oak Ridge K-25 Site

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ENCLOSURE

Stack and Vent Survey Questionnaire

Stack and Vent Survey Questionnaire

Instructions

1. Identify on page 1 all buildings under your authority.

2. With each building number, put the name and telephone number of the building manager who may be contacted by the subcontractor for information concerning these stacks, vents, and associated processes.

3. Provide any building layouts or process schematics available for each building and associated processes. (Offices with only heating and ventilating ducts should be identified as such.)

4. On pages 2 and 3, fill out as completedly as possible ONLY those items on the Stack and Vent Survey Questionnaire that have a double asterisk (**) beside them.

Stack and Vent Survey Questionnaire

| Building number | Building manager | Telephone number |
| --- | --- | --- |

## STACK AND VENT SURVEY QUESTIONAIRE

### I. STACK IDENTIFICATION

** A. FACILITY _____

B. STACK ID # _____

** C. LOCATION (COLUMNS) _____

D. TYPE OF STACK (i.e., P,A,B) _____

E. PERMIT STATUS:

EXEMPTION (CITE APPLICABLE REGULATION) _____
CONSTRUCTION PERMIT # _____
OPERATING PERMIT # _____
REGISTRATION # _____
APPLICATION SUBMITTED (DATE) _____

** F. OPERATING DIVISION _____

** G. STACK CUSTODIAN _____

** H. OPERATIONAL STATUS: IN USE _____ STANDBY _____ ABANDONED _____

I. CAN THIS STACK BE DECOMMISSIONED YES ___ NO ___

### II. STACK CHARACTERISTICS

A. STACK HEIGHT ABOVE BUILDING _____ FT

B. STACK HEIGHT ABOVE GROUND _____ FT

C. STACK DIAMETER _____ FT

** D. STACK FLOW _____ ACFM

** E. EXIT TEMPERATURE _____ °F

** F. EXIT VELOCITY _____ FT/S

### III. EMISSION CONTROL AND MONITORING EQUIPMENT

** A.

| Effluent Controls | % Efficiency |
|---|---|
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |
| 4. | 4. |

** B. TYPE OF EFFLUENT MONITORING:

NONE ___
CONTINUOUS ___
PORT HOLES AVAILABLE ___

** C. ANY AVAILABLE I.H./H.P. DATA? YES ___ NO ___

## *IV. SOURCE INFORMATION*

** *A. SOURCE I.D. OTHER I.D. DESCRIPTION*

** *B. SOURCE I.D. POTENTIAL POLLUTANTS (list all)*

** *C. SOURCE I.D. MAJOR RAW MATERIAL* ANNUAL INPUT (lbs.)*

*D. POLLUTANT GROUPS:*

| | | |
|---|---|---|
| *CRITERIA* | *YES*_____ | *NO*_____ |
| *CARCINOGENS* | *YES*_____ | *NO*_____ |
| *RADIONUCLIDES* | *YES*_____ | *NO*_____ |
| *NESHAPS* | *YES*_____ | *NO*_____ |
| *NEW AIR TOXICS* | *YES*_____ | *NO*_____ |

*** *Attach MSDS for raw material*