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J. Lamb / 1034A
Requestor Document Center (is requested to provide the following document)

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Document number KP-737 Date of document 12/9/54

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Date request received 12/12/95

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

Date document received _____

Signature _____

F88966

2537

INTER-COMPANY CORRESPONDENCE

(INSERT NAME) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION Post Office Box P OAK RIDGE, TENN.

TO Mr. J. A. Parsons
LOCATION K-303-8

DATE December 9, 1954

ATTENTION

UNCLASSIFIED

ANSWERING LETTER DATE

COPY TO Mr. F. H. Anderson
Mr. J. A. Marshall
Mr. S. S. Stief
Mr. B. H. Thompson
File (A. Varlan)

SUBJECT K-1131 Vent Stack Loss

KP-737

RECORDS DEPT.
MAIL FILES

033785

KP 737 4 A



KP 737 4 A

Handwritten note: J. A. Varlan, AS dust 1/24/96

During the month of November, 1954, routine vent stack gas samples were taken by the Process Control Laboratory and analyzed for uranium hexafluoride and fluorine. On the basis of these results and a flow rate of 25 pounds per hour, the uranium hexafluoride loss to the atmosphere amounted to 22,415 grams uranium and 150 grams uranium-235 for the 29 days of K-1131 operation. This quantity should be removed from accountability as a material release.

WDM:em

Classification changed to: Unclassified
(level and category)

By authority of: CG-PG D-4
(classification guide)

[Signature] 7/27/94
Date

Sam W. Wohlfort 8/12/94
Date

ADD signature (final reviewer)

K25RC
NOT TO BE RELEASUED FROM PLANT RECORDS K-1034

Carbide and Carbon Chemicals Corporation Operating Contractor for the U.S. Atomic Energy Commission

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THIS FORM FOR INTER-COMPANY CORRESPONDENCE ONLY

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

(This section to be completed by subcontractor requesting document)

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J. Lamb / 1034A
Requestor Document Center (is requested to provide the following document)

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Date document received _____

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This document consists of 1 pages
No. 6 of 7 copies, Series a

INTER-COMPANY CORRESPONDENCE

233211

(INSERT NAME) COMPANY CARBIDE AND CARBON CHEMICALS COMPANY LOCATION OAK RIDGE, TENN.

Post Office Box P
OAK RIDGE, TENN.

TO Mr. J. A. Parsons
LOCATION K-303-8

DATE August 9, 1955

ATTENTION
COPY TO

Mr. R. R. Frazier
Mr. J. A. Marshall
Mr. S. S. Stief
Mr. B. H. Thompson
✓ Mr. A. Varlan
File (W. D. McCluen)

ANSWERING LETTER DATE

SUBJECT Vent Stack UF₆ Losses
at K-1131 in July, 1955

KP-860



PLANT RECORDS CONTROL
REC. #26186

During that period in July, 1955, that uranium hexafluoride was being produced in the K-1131 building, routine samples of the vent stack gas were withdrawn by the Process Control Laboratory and analyzed for uranium hexafluoride and fluorine. The average values were 1.7% and 35.45%, respectively. A visual inspection of the stack gas flow rate instrumentation indicated an average of 15 pounds per hour. Utilizing these data, a total of 3,555 grams uranium and 24 grams uranium-235 was calculated to be vented to the atmosphere.

In the future, following the completion of each calendar month, a material release memorandum will be issued, based on current data, to reflect the appropriate amount of uranium and uranium-235 vented to the atmosphere. These calculated quantities will then be removed from accountability records.

W. D. McCluen for ASD/ST 1/24/96

Classification changed to: Unclassified
(level and category)
By authority of: CG-PG-D-4
(classification guide)
P. S. Cartright 7/29/94
Date: 8/25/94
ADC or ADD signature (first reviewer)
Sam W. Wohlfort
ADD signature (final reviewer)
DM: em

K25RC
NOT TO BE LOANED FROM
PLANT RECORDS K-1034

W. D. McCluen
W. D. McCluen

Carbide and Carbon Chemicals Corporation Operating
Contractor for the U.S. Atomic Energy Commission.

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