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

(This section to be completed by subcontractor requesting document)

JK Lamb / K25 1034A (RP Princ)

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

Date of request ~~6/20/95~~ 8/7/95 Expected receipt of document 7/14/95

Document number ~~none~~ K/EM-178 Date of document unknown

Title and author (if document is unnumbered)

Classified Material Codes - can I please get a sanitized version of this document)

Sanitized Version of K/EM-170

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Date request received ~~6/27/95~~ 8/7/95

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Signature

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ChemRisk Document No. 2121

K/EM-178

SANITIZED VERSION OF CLASSIFIED MATERIAL CODES
(Sanitized Version of UCNI Document # K/EM-170)

Compiled by
S. G. Thornton
Environmental Management Division
OAK RIDGE K-25 SITE
for the Health Studies Agreement

August 1995

Oak Ridge K-25 Site
Oak Ridge, Tennessee 37831-7314
managed by
LOCKHEED MARTIN 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 8/8/95
Date
Oak Ridge K-25 Site

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File w/ Code Word file

CLASSIFIED MATERIAL CODES (U)

Product 45	Hexafluorxylene (used to make C-816)
F-29	Black Oxide (U_3O_8)
Product 0-71	Green Salt (UF_4)
Babbitt 614	
Product 42-39	UF_4
Product 42-43	U Metal
Product 42-17	Brown Oxide (UO_2)
Babbitt 164	U Metal (Mx Metal)
P-45	(Used to make C-816)
P-9	Heavy Water
AGOT	Carbon Grade
AGNT	Carbon Grade
AGX	Carbon Grade
C-713-C1	Coolant
C-410	Coolant
C-512	Coolant
Product 23	U-233
Product 19	Kelloggs Cereal

Classification changed to: CRD
Reviews
Monroe W. Selby 7/11/95
ADC or ADD signature (first reviewer) Date
ADD signature (final reviewer) Date

CLASSIFICATION CHANGED TO:
CONFIDENTIAL-RD
By Authority of DB Williams, K-25 Site
By Stephanie Martin Date 1/11/94

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C-48	Coolant
C-100	Sodium Diuranate
C-101	Commercial U_3O_8
C-102	D-1 U_3O_8
C-103	UO_2 (also used for UO_3)
C-104	UF_4
C-105	U Metal
P-9	Heavy Water
D-29	TFE (Teflon)
Product 80	Ni catalyst for heavy water mfg.
Myrnalloy Oxide	Thorium Oxide
Code 111	Thorium Oxide

Product-65	UO_2 (Brown Oxide)
WE-22	UF_6 made from UF_4
Babbitt-65	Tuballoy
MFP-10	Polytrifluorochloroethylene
Postum	Polonium
Trail & Dana	Heavy Water Project
C-616	UF_6
C-216	Fluorine
49	Pu

P-49	Pu
N-43	Unsatisfactory catalyst for Heavy Water mfg.
T (Tubaloy)	Uranium
X	U-235
25	U-235 product
M-308	U_3O_8
103	UO_3 (also used for UO_2)
Green Salt	UF_4
Black Oxide	U_3O_8
Mx Metal	U metal (Babbitt 164)
Brown Oxide	UO_2
C-2835	K-25 Top Product
HE-3	Helium-3
G-74	Gaseous N itrogen
L-28	Liquid N itrogen
G-24	Helium
P-25	K-25 Product
PDF	Partially Depleted Feed
Hex	UF_6
C-940	UF_6 Heels in Cyls. sent to Harshaw from K-25 (S-50 Product)
C-816	Fluorinated Hydrocarbons
C-816-C1	Fluorinated Hydrocarbons
C-716	Fluorinated Hydrocarbons

C-714	Fluorinated Hydrocarbons
C-714-CL	Fluorinated Hydrocarbons
P-45	Fluorinated Hydrocarbons
C-2144	Fluorinated Hydrocarbons
MFL	Fluorinated Hydrocarbons
MFP-10	Fluorinated Hydrocarbons
MFP	Fluorocarbons in the plastic class
MFI	Fluorocarbon (Wax) residues from MFL mfg.
MFG	Fluorocarbon Grease
C-250	MFI (Wax)
C-2070	K-25 Product - Solutioned
C-2035	K-25 Product - UF_6
Site W	Hanford Plant
Site B	Univ. Chicago Metallurgy Lab.
Site Y	Los Alamos
Porothanes	Fluorocarbons and Chlorofluorocarbons
G-94	Fluorine
Product 4201	HF (Anhydrous)
ETMR	HF (Anhydrous)
R-ETMR	HF (Anhydrous) - Redistilled
Product Solvent	Fluorolube Solvent
FLS	Fluorolube Solvent
C-270	Residue from Fluorolube oil mfg.
PCT or Product PCT	Fluorinated polychloroterphenyls
P-46 or Product P-46	Polyfluoropolychloroheptane

C-715-C1 or Product C-715-C1	Fluorinated Hydrocarbon
Product T-92	Liquid Nitrogen
Product L-28-B	Liquid Nitrogen
Chemical JL	Cobalt Rondelles

285	UO_3 - Grade D
295	UO_3 - Grade E
306	UO_2 - Grade F
316	UO_2 - Grade G
497	UF_4
H-616	UF_6 (Harshow)
516 or Product 516	UF_4 (Harshow)
FM-9	Ag
FM-10	Ag F
FM-20	Ag F_2

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FM-22	CoF_2
FM-33	CoF_3
FM-50	SbF_5
Product 516 or XCl_4	UCl_4
XCl_5 or X Pentachloride	UCl_5
Chem. 42-17, Grade B	UO_3
C-112	$UO_4.2H_2O$
Product 616	UF_6
K-416	Polytetrofluorethylene
43	Platinum catalyst
Poly T	TFE (Teflon)
FL	C-2144 (Fluorinated Hydrocarbon)
Material K	Platinum
OC-12	Charcoal
Chem. 42-17, Grade A	$UO_2(NO_3)_2 6H_2O$
Chem. 42-17, Grade F	UO_2-"F" (Purified)
Chem. 42-17, Grade G	UO_2-"G"
Chem. 42-17, Grade D	U_3O_8-"D"
Chem. 42-17, Grade E	U_3O_8-"E"
Chem. 42-17, Grade B	UO_3-"B" (Purified)
Chem. 42-17, Grade C	UO_3-"C" (little nitrates)
Sodium-Salt	$Na_2U_2O_7$
X Tetrabromide	UBr
X-Trichloride	UCl_3
Quick Phix Tri Carbide	U_2C_3

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Quick Phix Carbide	U_2C_2
Sodium M Carbonate	$UO_2CO_3 \cdot 2Na_2CO_3$
Product 112	$UO_4 \cdot 4H_2O$
Process Gas or PG	UF_6
Product TC	UO_3
Quik-phix Nose Drops	U metal billet out of physical spec.
Chem. 42-17, Grade Y	Black Oxide (U_3O_8)-Crude
Tetra	UF_4
Rala or RALA	Radioactive Harshaw Lanthanum
TO_2F_2	UO_2F_2
Tuballoy 308	U_3O_8
H-216	HF
216 Carbon	Fluorocarbon
WE-61	UF_4
Chemical 306	UO_2
AA	HF (Harshaw)
CA	HF (DuPont)
Super Q Matl.	U-235 (99.99+%)
Q Matl.	U-238 (99.9+%)
N Process	D prod using NH_3

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DISTRIBUTION

1. K-25 Site Records (RC)
2. ChemRisk/Shonka Research Associates
3. DOE Public Reading Room
4. S. G. Thornton (K-25 EMD)