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UNION CARBIDE

INTERNAL CORRESPONDENCE

NUCLEAR DIVISION

POST OFFICE BOX P OAK RIDGE TENNESSEE 37830

To (Name) S. S. Stief

Division

Location

Date December 12, 1973

Originating Dept. Operations Planning

Answering letter dat

Copy to P. S. Cates
A. J. Legeay
J. F. Hudson

Subject Material Releases at the ORGDP During the Past Five Years

For your information, we are furnishing the attached list of material releases which occurred at the ORGDP over the past five years.

J. F. Hudson

JFH:jps

Attachment

APPROVAL FOR RELEASE

Document: # Unnumbered : Date 12/12/1973.

Title/Subject 1-pg ltr & 2-pg attachment, JF Hudson to SS Stief, "Material Releaess at the ORGDP During the Past Five Years."

Approval for unrestricted release of this document is authorized by the Oak Ridge K-25 Site Classification and Information Control Office, Martin Marietta Energy Systems, Inc., PO Box 2003, Oak Ridge, TN 37831-7307.

[signature] 3/9/93

K-25 Classification & Information Control Officer Date

URANIUM MATERIALS RELEASED SINCE AUGUST 1967[a]

Date	Location	Description	Material Type	Grams U	Grams U-235
8-67	K-1025	Leaking Cylinder - Atmosphere	UF_6 mixture	1,239	901
1-68[c]		Rupture Test - Atmosphere	Tails UF_6	1,589	4
✓7-68	K-1131	Leaking Valve - Atmosphere	Tails UF_6	153	0
✓5-69	K-1423	Leaking Valve - Atmosphere	Normal UF_6	nil	nil
5-69	K-1423	Leaking Valve - Atmosphere	Normal UF_6	6,746	48
✓8-69	K-1423	Leaking Sample Manifold - Atmosphere	Normal UF_6	920	7
✓9-69	K-1423	Valve Leaking - Atmosphere	Normal UF_6	613	9
✓9-70	K-413	Drain Line Leaked - Atmosphere	Product UF_6	1,379	42
✓12-70	K-1131	Release in Autoclave - Poplar Creek	Normal UF_6	153,314	1,090
✓1-71	K-1131	Pigtail Leak - Atmosphere	Tails UF_6	34	0
✓2-71	K-1131	Cut Evacuation Line in Autoclave - Atmosphere	PPF UF_6	34	0
✓4-71	K-1131	Sample Line Leaked - Atmosphere	Normal UF_6	1	0
NOT U RELEASE → 4-71[d]	K-1413	Relief Valve Open	Kr-85	nil	nil
8-71	K-311-1	Pump Casing Rupture - Atmosphere	UF_6	7,663	263
8-71	K-311-1	Rupture Cylinder Pigtail -	UF_6	613	19
8-71	K-1131	Sample Tube Rupture - Atmosphere	UF_6	920	6
3-72[c]		Cell Outleakage Test - Atmosphere	UF_6	7,473	53
7-72[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	1,480	49
8-72[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	800	28
9-72[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	1,210	44
12-72[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	3,720	140
2-73[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	5,100	184
3-73[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	11,100	401
4-73[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	3,300	125
5-73[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	1,300	45
6-73[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	870	30
7-73[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	610	21
7-73	K-1004-A	Laboratory Spill - Atmosphere	UF_6	3,600	26
8-73[b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	520	17

DUPLICATE
✓ POSSIBLE DUPLICATE

Date	Location	Description	Material Type	Grams U	Grams U-235
8-73 [b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	410	14
9-73 [b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	400	13
10-73 [b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	930	31
11-73 [b]	K-311-1	Purge Vent Stack - Atmosphere	UF_6	310	10

[a] Does not include intentional discards to pond or burial ground.

[b] Normal operating loss--not accidental spills.

[c] Intentional spills.

[d] No uranium material.