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NO. 1 OF 2 COPIES, SERIES A

A-85-012

INTER-OFFICE MEMORANDUM

5-7

DATE October 23, 1947

TO: E. R. Jette

FROM: I. B. Venable

SUBJECT: Supplemental Monthly Report of Production Data from D. P. West for Period September 20, 1947 through October 20, 1947

Reference: LAB CMR-11

1. Material Control

Hanford Lots

Empty Containers

Received Sept. 26 - 76
Uncut lots OH Sept. 20 - 10

Returned Oct. 1 - 92

Due Oct. 28 - 65
Uncut lots OH
Oct. 20 - 31*

OH Oct. 20 - 125
Will return Nov. 3 - 125

2. Bomb Decontamination

	<u>Number Cleaned</u>	<u>Number Monitored</u>	<u>Number Cold</u>	<u>Percent Cold</u>
Plugs	0	0	0	0
Bombs	317	219	175	80

3. Recovery

Received from Purification 1325 liters - 37.11 grams.
Concentrated and sent to storage 6 liters - 37.11 grams.

4. Purification

Fifty-four Hanford lots were processed.

5. Reduction

<u>Reduction Series</u>	<u>No. of Reductions</u>	<u>Charge (gms)</u>	<u>Metal(gms)</u>	<u>Average Yield</u>
A	16	7781.70	7537.45	96.86
X	7	3252.42	3205.50	98.55
		11034.12	10742.95	97.79

6. Dry Chemistry

Number of lots processed - 57
Average conversion to fluoride - 95%

Classification changed to UNCLASSIFIED
By authority of: LA-4400 Rev 2
By: [Signature] FSS-16 JSM/bsk
Verified by: [Signature] FSS-16
(Signatures) (date)

* One Hanford lot was assigned to the Development group for experimental work.

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LAN: Classification Group
[Signature] 6/25/96

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Supplemental Monthly Report -2-

October 23, 1947

7. Metal Fabrication

Gallium Inventory

1. <u>OH Sept 20</u>	<u>Rec'd</u>	<u>Used</u>	<u>OH Oct, 20</u>
29504	3764	120	33148
2. See attached table			

I. B. Venable
I. B. Venable

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X

Summary of Fabrication Operation

September 20 to October 20

	Type	Castings	Parts Machined	Parts Pressed	Parts Cleaned	Parts Coated	Parts Given Final Inspection	Final Cores Given Final Inspection
On Hand	M III	0	0	0	0	0	0	0
First	M IV	2	0	1	1	0	0	0
of	R	0	0	0	0	8	0	-
Period	Spec.	0	0	0	0	1-a,1-b	0	-
Number of New Parts Worked on During Period	M III	0	0	0	0	0	0	0
	M IV	4	4	4	4	4	6	3
	R	0	0	0	0	0	3	-
	Spec.	0	0	0	1-c	1-c	1-a, 1-b, 1-c	3
Number of Parts on Hand at End of Period	M III	0	0	0	0	0	0	0
	M IV	0	0	1	0	1	0	0
	R	0	0	0	0	5	0	-
	Spec.	0	1-d	0	0	0	0	-

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- (a) Returned Mark IV hemisphere from M Division for repressing, cleaning, & coating.
- (b) " " " " " " " " for stripping, recoating, & sanding.
- (c) Returned " " " " for stripping, sanding, and recoating.
- (d) Fast reactor rod for stripping, drilling, and recoating.

- Summary:
- 1) Three Mark IV gadgets sent out.
 - 2) One hemisphere pressed, but not cleaned.
 - 3) One hemisphere coated, but not inspected.