

VENONA

~~TOP SECRET~~

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USSR

Ref. No: [REDACTED] 20/4/1960

Issued: [REDACTED] 12/10/1964

Copy No: 204

Reissue

PROFESSOR SMYTH'S PUBLICATION ON ATOMIC ENERGY:  
VOLKOV, "ERNEST" AND [REDACTED] (1945)

From: SAN FRANCISCO

To: MOSCOW

No: 619,620

27 Nov. 45

[Part I] To VIKTOR[i].

At the second meeting with VOLKOV[ii]

[10 groups unrecovered]

about the production of high octane gasoline which includes a diagram of the  
production process

[18 groups unrecovered]

in the near future

[32 groups unrecovered]

the TOMSEN [GOROZHANIN][iii]

[80 groups unrecovered]

[49 groups unrecoverable]

DISTRIBUTION:

[Continued overleaf]

[REDACTED]

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- 2 -

[Part II]

After this Professor SMYTH [SMYTH][iv] was forbidden to print  
[4 groups unrecovered] laboratory. ERNEST [ERNEST][v] has

[17 groups unrecovered]

In the book there is no information about the quantity of uranium being crushed but he [D.] confirms] this information in conversations with the people connected with [6 groups unrecovered] at his place and can turn [it][a] over to us at any time. In the book there is a complete description of the process with a diagram and all necessary materials are enumerated.

Two weeks ago ERNEST received a letter from D.[vi] who said that he had [B.] not written] because of lack of time.

VOLKOV permitted ERNEST to meet the people with whom Professor SMYTH collaborated. Among them are the engineer [REDACTED][vii] and Professor

[67 groups unrecovered]

[D.] dictionary].

No. 321

[Signature unrecovered]

Note: [a] Inserted by translator.

- Comments: [i] VIKTOR: Lt. Gen. P.M. FITIN.
- [ii] VOLKOV: Andrej R. ORLOV, an employee of the Soviet Government Purchasing Commission in the USA.
- [iii] TOWNSEND: The Americans.
- [iv] SMYTH: Henry DeWolfe SMYTH, who in the summer of 1945 published "Atomic Energy for Military Purposes - the Official Report on the Development of the Atomic Bomb".
- [v] ERNEST: Unidentified. Also occurs in New York traffic. Prior to 20 February, 1945 was known as ERIE[IRI] (see MOSCOW to NEW YORK No. 164 of 23rd February 1945 - 3/NBF/T1475).
- [vi] D.: Unknown.
- [vii] [REDACTED]