

INFORMATION REPORT

CD NO. 25X1 .25X1

DATE DISTR. 12 March 1952

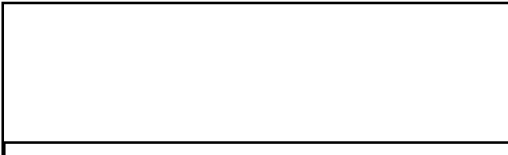
NO. OF PAGES 2

NO. OF ENCLS. 2 (6 pages)
(LISTED BELOW)

SUPPLEMENT TO REPORT NO.

25X1 COUNTRY USSR (Ukrainian SSR)
SUBJECT Voroshilov Plant
25X1

RETURN TO CIA LIBRARY



THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U. S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION



1. Location:

On the northwestern border of Voroshilovsk (38°47'E/48°49'N), Ukrainian SSR, seven kilometers along the southeastern side of the railroad line Stalino-Voroshilovgrad.

2. Observation:

a. The Imeni Voroshilova Industrial Installations, under reconstruction from heavy war damages since 1945, comprised the metallurgical plant, the coking plant and the chemical plant. (Succession as seen from the railroad station). For location see Annex 1.

b. The metallurgical plant had five blast furnaces on which the following data were obtained from Soviet specialists:

Blast furnace A, of American origin, has been in operation since 1947; production 1,000 tons per day

Blast furnace B, of American origin, in operation since late 1948; production 1,000 tons per day

Blast furnace C, destroyed

Document No. 8
No Change in Class. 7
 Declassified
Class. Changed To: TS 3 0
Auth: BR 100
Date: 01 SEP 1978

25X1

CLASSIFICATION CONFIDENTIAL

25X1

STATE	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	NSRB		DISTRIBUTION			
ARMY	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	FBI					

CONFIDENTIAL- [redacted]
CENTRAL INTELLIGENCE AGENCY [redacted]

25X1
25X1

Blast furnace D, small French furnace with a daily output of 250 tons

Blast furnace E, medium-size Soviet furnace, with a daily output of 500 tons

(The production data were obtained from work records). The open-hearth plant and the rolling mill were to be completed by 1951.

c. The coking plant had four coke oven batteries each with 36 chambers.

- Battery 1 - initiation planned for October 1949
- Battery 2 - in operation
- Battery 3 - in operation
- Battery 4 - destroyed

The output was not known but it often did not cover the requirements of the blast furnaces in the metallurgical plant.

d. The chemical plant produced naphtha, tar and benzol (being in the first stage, the benzol output did not exceed 50 tons per day).

For diagrammatic sketch see Annex 2

3. Work force:

Twenty thousand Soviet laborers, 3,000 PWs, and 300 Soviet convicts working three shifts (Data obtained from a report of the plant management).

25X1

[redacted] Comment:

The location of the plants was known from previous records. This report gives new detailed information on size, type of construction and production of the essential plant installations. Attached sketches are diagrammatic but generally correspond to previous reproductions. Considering some serious discrepancies between all received sketches the correct plant layout cannot be determined. As to the plant installations in operation, the following status seems to be factual: The blast furnace plant has five furnaces, of which at least four are in operation. The rolling mill and the open-hearth plant are still under construction. The chemical plant seems to produce only the above reported chemicals (Naphtha, tar and benzol). The coking plant has three operating batteries.

Attachments: 3 sketches with legends.

CONFIDENTIAL/ [redacted]

25X1

CONFIDENTIAL [redacted]
CENTRAL INTELLIGENCE AGENCY [redacted]

25X1
25X1

Blast furnace D, small French furnace with a daily output of 250 tons

Blast furnace E, medium-size Soviet furnace, with a daily output of 500 tons

(The production data were obtained from work records). The open-hearth plant and the rolling mill were to be completed by 1951.

c. The coking plant had four coke oven batteries each with 36 chambers.

- Battery 1 - initiation planned for October 1949
- Battery 2 - in operation
- Battery 3 - in operation
- Battery 4 - destroyed

The output was not known but it often did not cover the requirements of the blast furnaces in the metallurgical plant.

d. The chemical plant produced naphtha, tar and benzol (being in the first stage, the benzol output did not exceed 50 tons per day). For diagrammatic sketch see Annex 2

3. Work force:

Twenty thousand Soviet laborers, 3,000 PWs, and 300 Soviet convicts working three shifts (Data obtained from a report of the plant management).

[redacted] Comment:

The location of the plants was known from previous records. This report gives new detailed information on size, type of construction and production of the essential plant installations. Attached sketches are diagrammatic but generally correspond to previous reproductions. Considering some serious discrepancies between all received sketches the correct plant layout cannot be determined. As to the plant installations in operation, the following status seems to be factual: The blast furnace plant has five furnaces, of which at least four are in operation. The rolling mill and the open-hearth plant are still under construction. The chemical plant seems to produce only the above reported chemicals (Naphtha, tar and benzol). The coking plant has three operating batteries.

Attachments: 3 sketches with legends.

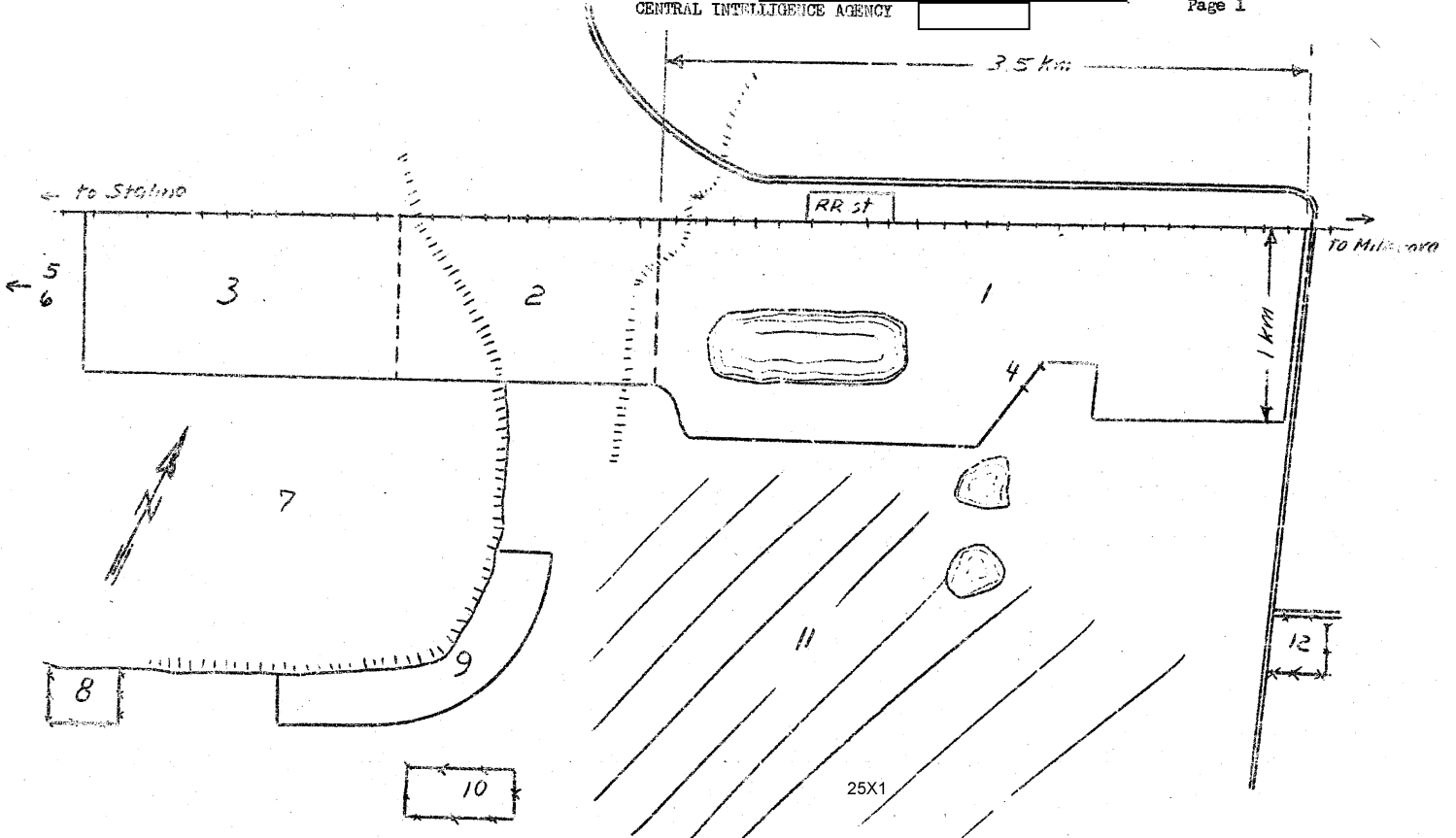
CONFIDENTIAL/ [redacted]

25X1

25X1

Approved For Release 2006/03/18 : CIA-RDP82-00457R011000060008-9
CENTRAL INTELLIGENCE AGENCY

Attachment 1
Page 1



CONFIDENTIAL- [REDACTED]
CENTRAL INTELLIGENCE AGENCY [REDACTED]

25X1

25X1

Attachment 1
Page 2

Legend to Annex 1:

- 1 Metallurgical plant
- 2 Coking plant
- 3 Chemical plant
- 4 Main entrance
- 5 and 6 Direction of scrap dumps and railroad denot
- 7 Slag dump
- 8 PW Camp [REDACTED]
- 9 Construction firm assigned to plant reconstruction
- 10 Convict labor camp
- 11 Voroshilovsk
- 12 PW Camp [REDACTED]

25X1

25X1

25X1

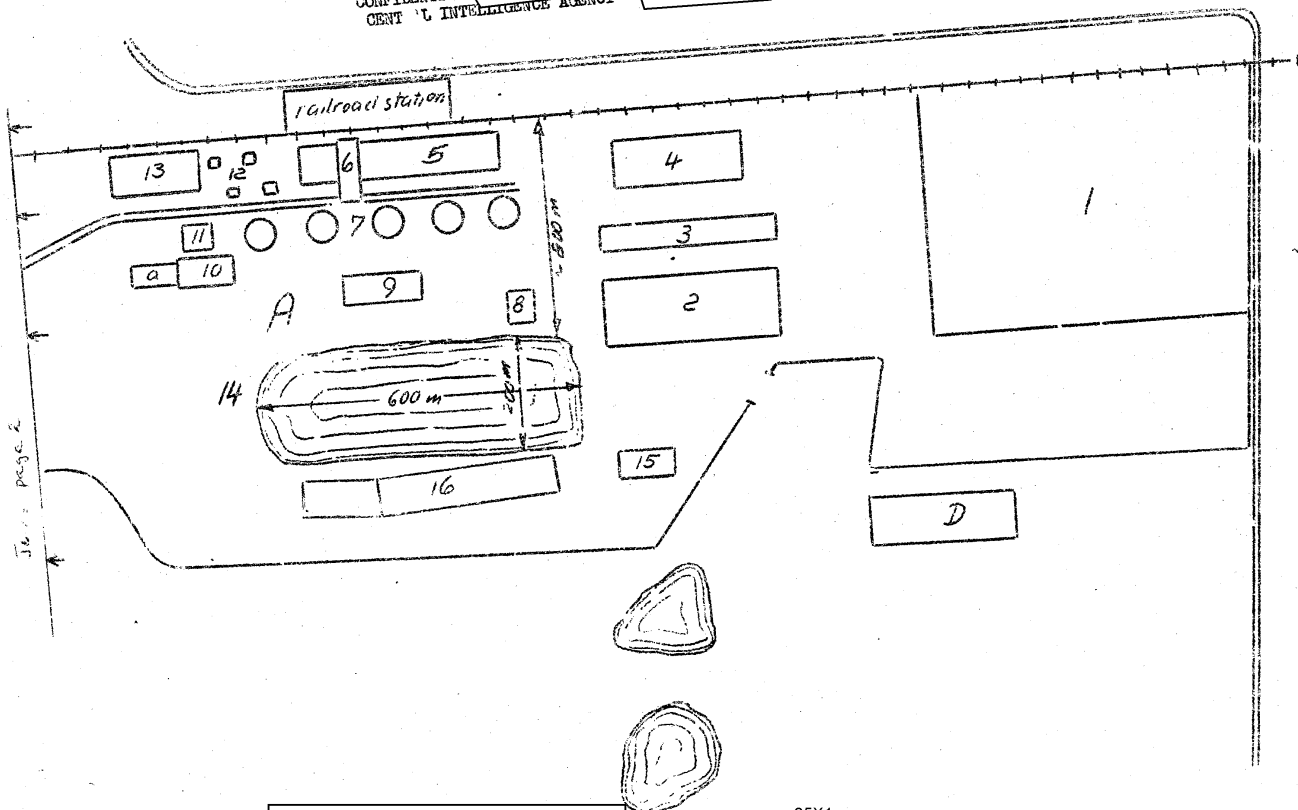
CONFIDENTIAL/ [REDACTED]

CONFIDENTIAL
CENTRAL INTELLIGENCE AGENCY

Attachment 2
Page 1

25X1

25X1



CONFIDENTIAL

25X1

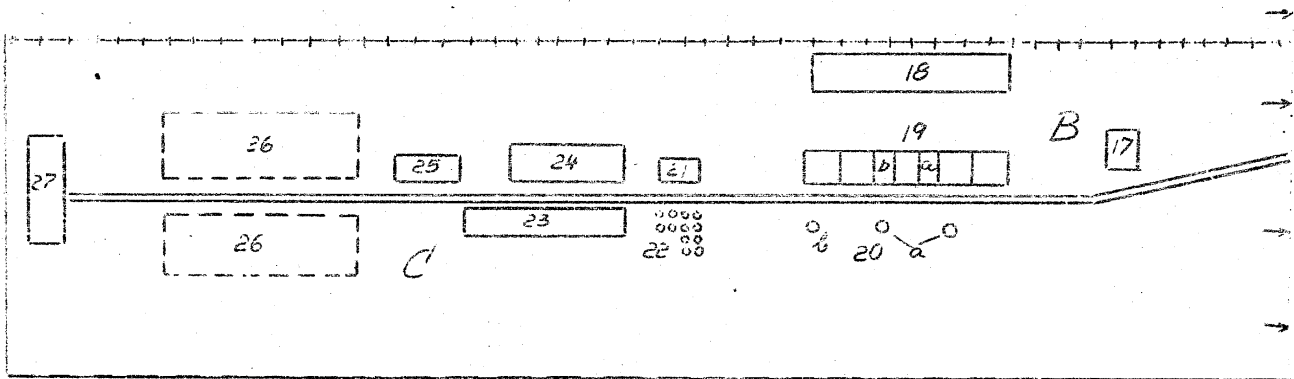
25X1

Approved For Release 2006/03/18 : CIA-RDP82-00457R011000060008-9

CONFIDENTIAL
CENTRAL INTELLIGENCE AGENCY

Attachment 2
Page 2

25X1



28

25X1

CONFIDENTIAL Approved For Release 2006/03/18 : CIA-RDP82-00457R011000060008-9

CONFIDENTIAL
CENTRAL INTELLIGENCE AGENCY

25X1

25X1

Attachment 2
Page 3

Legend to Annex 2a and b:

A Metallurgical plant (Annex 2a)

- 1 Pig iron dump with two bridgescranes
- 2 Rolling mill under reconstruction
- 3 Open-hearth plant under reconstruction
- 4 Pig-foundry, 250 x 50 x 25 meters
- 5 Long concreted pit for coke and flux material
- 6 Bridge crane, 35 meters high, 80 meters long
- 7 Blast furnaces A to E
- 8 Old boiler house, equipment not known
- 9 Gas purifying installation for the four operating blast furnaces, to resume full operation in March 1949
- 10 Holding shop, 300 x 100 meters
- a Annex
- 11 New boiler house with four small boilers in operation and two boilers being fitted
- 12 Four wooden cooling towers, 38 meters high, hexagonal, 15 meters in diameter
- 13 Power plant for all industrial installations, 250 x 100 x 35 meters, with turbines and transformers. No details available
- 14 Cooling basin, 600 x 200 meters, depth unknown
- 15 Forge with 10 steam hammers completed in December 1948, working for plant requirements
- 16 Mechanical workshops and assembly shops for iron structural parts, interconnected halls with annexes, total length about 500 meters. Operating for plant requirements.

CONFIDENTIAL

25X1

CONFIDENTIAL/ [REDACTED]
CENTRAL INTELLIGENCE AGENCY [REDACTED]

25X1

25X1

Attachment 2
Page 4

L Coking plant (Annex 2b)

- 17 Concrete cooling tower, 25 meters high, to extinguish coke
- 18 Coke washing plant operating with transport line, stone structure, 450 meters long varying in height up to 35 meters.
- 19 Coking plant with four coke oven batteries with each 36 chambers
 - a and b Two cooling towers. Total length 500 meters, width 30 meters.
- 20 Three smokestacks (identification mark of plant)
 - a Two completed smokestacks, 100 meters high
 - b Concrete smokestack under construction, reached 80 meters by the end of 1948 and was planned to be 125 meters high, Soviet engineers said.

C Chemical Plant (Annex 2b)

- 21 Machine shop or power plant, no details available
- 22 Eight benzol tanks, round iron structures, 45 meters high, 5 meters in diameter
- 23 Benzol department, 300 x 50 meters with many tanks and boilers
- 24 Sulphate department, 250 x 80 meters, under construction, to be completed by the end of 1949 and to produce ammonia and sulphates
- 25 Boiler house, 150 x 40 x 40 meters with five large boilers
- 26 Unidentified installations
- 27 Aircraft gasoline plant under construction, frame 40 meters high
- 28 Slag plant

D Administration of all installations (Annex 2 a)

CONFIDENTIAL/ [REDACTED]

25X1