

CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INFORMATION REPORT

CD NO.

COUNTRY USSR(Ukrainian SSR)

DATE DISTR. 13 February 1952

SUBJECT Metallurgical Plant at Dnepropetrovsk

NO. OF PAGES 1

**PLACE
ACQUIRED**

NO. OF ENCLS. 2 @
(LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO
REPORT NO.

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Plant at Ingorovozhinsk

NOT CIRCULATE

1. Location:

On the eastern border of Dneprodzerzhinsk (34°39'N/48°30'E), Ukrainian SSR, between the Dnieper River and the road to Dnipetrovsk, west of the railroad car plant. For location see Annex 1.

2. Plant installations:

The plant dates back from Czarist times (Soviet statements) and was expanded for the first time 10 or 15 years ago. Reconstruction of war damaged buildings gave the plant a modern appearance. The plant originally had three blast furnaces. Two resumed operation some time ago. The reconstruction of the third proceeds very slowly, while the construction of a new fourth blast furnace was to be completed by the end of 1947. The open-hearth plant has been in operation since the summer of 1947 with four open-hearth furnaces. Power was supplied by the municipal power plant located to the north-west. The main railroad line to Dnepropetrovsk leads through the northern plant area. For plant layout see Annex 2.

3. Work force:

About 10,000 civilian laborers, 50 percent women.

4. Production:

Iron rods, angular shaped iron, steel sheets, steel plates, and iron ingots, so-called cat tongues. It was estimated that the plant was operated at 40 to 50 percent of its capacity.

Annexes: Two sketches

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[illegible]

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Legend to Annex 2:

- 1 Entrance and guardhouse
- 2 Administration and engineering office, brick building, 40 x 15 x 9 meters.
- 3 Three workshops under reconstruction
- 4 Polovnit mill, 30 x 12 x 15 meters, with two or three mills and four furnaces for roasting limestone
- 5 Machine shop, brick building on stone foundations, 40 x 25 x 12 meters, with large gas generators, no details available.
- 6 Brick yard, 55 x 9 x 10 meters, with two smokestacks and several sheds.
- 7 Main office, 75 x 30 x 14 meters, brick building on a hill
- 8 Blast furnace under reconstruction, 8 meters in diameter, 15 to 18 meters high
- 9 and 10
Blast furnaces in operation, same size as No 8 above
- 11 Blast furnace under construction, about 12 meters in diameter, 20 to 25 meters high, brick work with sheet-metal casing.
- 12 Several storage installations with ore, ferro-concrete structures, total dimensions 50 x 8 meters, 8 meters deep. Direct charging of the new blast furnace from here.
- 13 Elevated tracks for cars charging the old blast furnaces
- 14 Concrete building, 30 x 15 x 15 meters, storage and snipping station for slag from the blast furnaces
- 15 Scrap installation, 40 x 12 x 14 meters
- 16 Workshop or shed with unknown purpose
- 17 Rolling mill for angular iron and iron rods, 80 x 20 x 8 meters; the bowed roof is covered with sheet metal and roofing paper. Equipment: An annealing furnace with several sections, three mill trains, one shear (electric driven)
- 18 Dump with steel blocks from the open-hearth plant
- 19 Open-hearth plant, 60 x 30 x 19 meters, with saddle roof and sky-lights. Equipment: Four operating furnaces, one furnace in need of repair, five high capacity cranes
- 20 Workshop, 30 x 8 x 15 meters with ore roasting plant
- 21 Overhead steel pipes, 60 cm in diameter, connected to the hot-gas outlets of the blast furnaces
- 22 Elevated ferro-concrete structure, 160 x 8 x 7 meters, with elevated railroad tracks, several small workshops, tool and cement storage

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- 23 Ferro-concrete building, 50 x 10 x 25 meters, partially destroyed, vacant, with tunnel entrances on ground level
- 24 Carpenter shop, 30 x 12 x 9 meters
 - a. Damaged vacant part
- 25 Construction fitting shop
 - a. Damaged vacant part
- 26 Workshop, 45 x 9 x 8 meters bowed sheet-metal roof storage of machines
- 27 Rolling mill for thin steel sheets, 40 x 15 x 8 meters, the bowed roof covered with roofing paper, no details available
- 28 Workshop, 50 x 15 x 15 meters with saddle roof and skylights. Ground floor: Lathe shop for cast pieces, first floor: Model making carpenter shop
- 29 Plant kitchen
- 30 Hammer forge, 20 x 8 x 8 meters, with flat sheet-metal roof. Equipment: Three annealing furnaces and many steam hammers
- 31 Foundry, 20 x 12 x 12 meters with saddle roof and skylights, operated for plant requirements
- 32 Cast polishing shop, 35 x 15 x 8 meters
- 33 Gas storage tank, 30 to 35 meters high, 15 meters in diameter, with steel pipe lines, 55 cm in diameter, 6 meters above ground, leading to the gas plant (a)
- 34 Water tower, 25 meters high, 6 to 7 meters in diameter
- 35 Locomotive barn, 40 x 20 x 10 meters
- 36 Gas plant, 40 x 10 x 15 meters, with three or four brick smokestacks, 4 to 5 meters in diameter, 30 meters high
 - a. Several small sheds
- 37 Storage dump with rolls, machine parts etc.
- 38 Former club house, concrete building, with columns at the entrance under reconstruction, 35 x 20 x 14 meters
- 39 Power station with gas pipe line from the blast furnaces, 30 x 20 x 14 meters, under construction
- 40 Smelting plant, 60 x 30 x 10 meters with air funnel in the center
- 41 Storage dump with cooled iron ingots, ready for shipment
- 42 Railroad line to Dnepropetrovsk
- 43 Sawmill equipped with three saw frames
- 44 Timber dump

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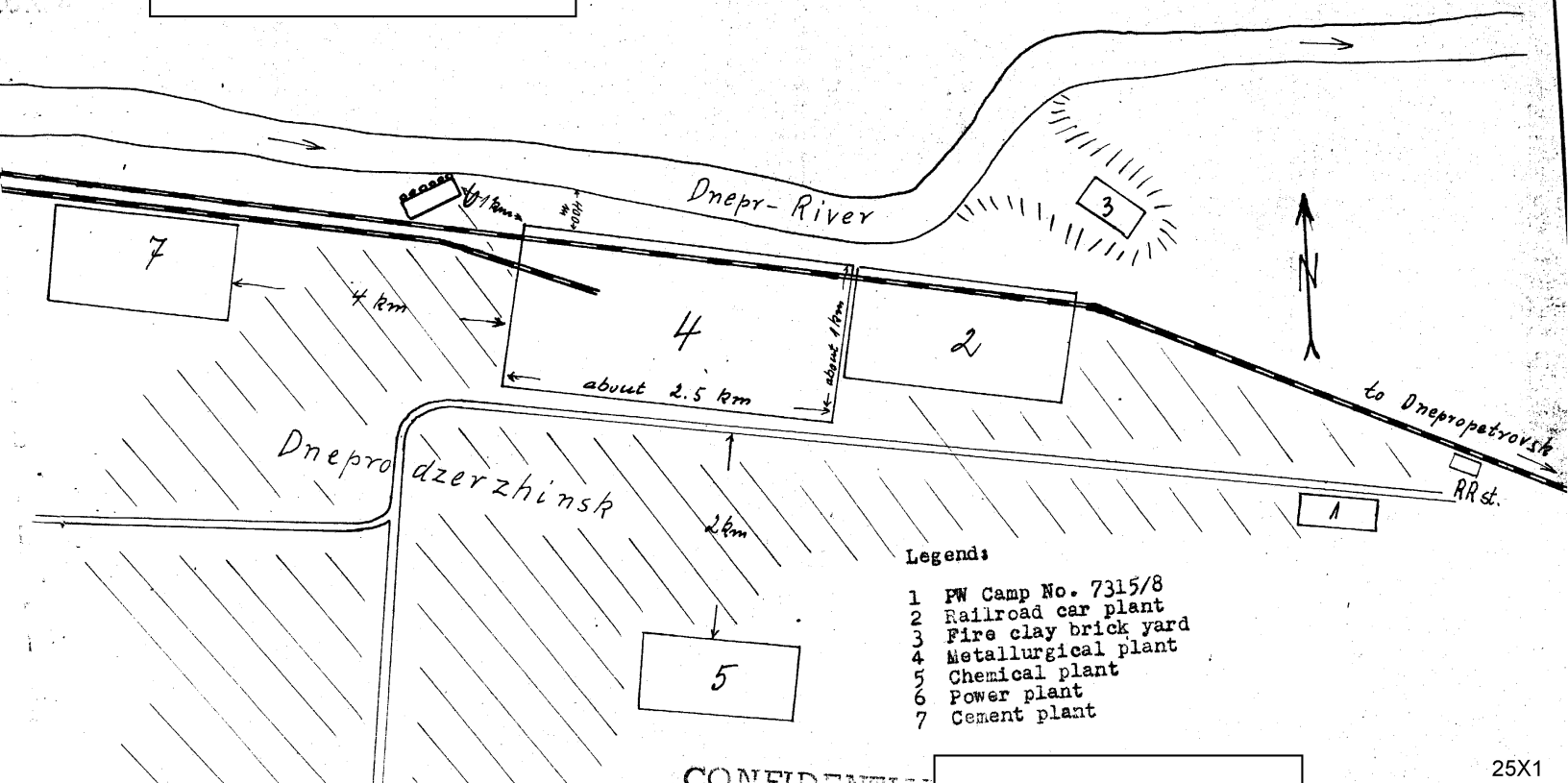
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~~Local plant in Dneprodzerzhinsk~~

Annex 1



Legends:

- 1 PW Camp No. 7315/8
- 2 Railroad car plant
- 3 Fire clay brick yard
- 4 Metallurgical plant
- 5 Chemical plant
- 6 Power plant
- 7 Cement plant

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Metallurgical Plant in Dneprodzerzhinsk

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Case 2

Legend: See report

about 400 m

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N

to Dnepropetrovsk

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