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SUBJECT Oka (Chemical Plant at Dzerzhinsk)

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SUPPLEMENT TO REPORT NO.

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[Redacted]

1. The OKA Chemical Plant was in Dzerzhinsk (56°15' N/43°24' E), south of the Dzerzhinsk-Gorki (56°20' N/44°00' E) railroad line and about 200 meters east of the large Chemical Plant No 96 "Zavod-Stroi". The OKA Chemical Plant covered an area of about 500 x 400 meters. Some of the installations were in existence as early as 1945. The plant was considerably expanded by the construction of many new plant buildings in 1948 and 1949. Electric power was supplied by the adjacent TETS station. The plant had spur tracks leading northwest to the Igumnovo railroad station. *

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2. The plant produced a kind of fluid [redacted] thought was alcohol. [redacted]

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25X1 "refined motor fuel". [redacted]

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25X1 [redacted] The production of a yellowish, odorless powder which was packed into red and green metal containers, 50 cm high and 25 to 28 cm in diameter [redacted] containers for this powder were marked with the skull and crossbones symbol. The plant also produced a sirupy, colorless and odorless mass which was poured into light-blue cardboard containers which were marked with the skull and crossbones symbol. Up to 8 carloads, each containing 30 to 45 tons of the poisons, and 30 to 35 carboys, of 25 liters each, filled with the alleged alcohol liquid, were dispatched daily. Two or three trucks arrived daily, each loaded with 30 sacks containing some unidentified raw material. Tank cars containing potable alcohol also arrived frequently. **

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3. [redacted]

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[redacted] 500 Soviets were employed in each shift. About 350 PWs were also assigned as construction workers. [redacted] 25 to 30 German engineers still worked in the [redacted]

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[Redacted]

25X1 laboratory. [Redacted]

25X1 [Redacted]

4. The plant area was surrounded by a double barbed-wire fence. There were watchtowers at 200 meter intervals. Military sentries performed guard duty.

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25X1* [Redacted] Comment. The location [Redacted] agrees with an aerial photograph made in 1942. However, Plant No 96 is only 100 meters from the OKA Chemical Plant. For layout sketch of the plant, see Annex. [Redacted]

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25X1* [Redacted] Comment. It is not believed that this report constitutes an adequate description of this plant which has been greatly enlarged since 1948. [Redacted]

25X1 [Redacted]

25X1 The tetraethyl lead developed by the OKA Plant is now produced on a large scale by the Yava Plant and the Zavod Stroi Plant No 96. [Redacted] regarding the production of "refined motor fuel", it appears possible that the OKA Plant plans a large scale production of anti-knock fuels after the completion of the plant expansion. However, the use of alcohol, the production of bromide compounds and the information regarding the "refined motor fuel" also indicate the production of ethylene dibromide.

1 Annex: 1 - sketch on ditto.

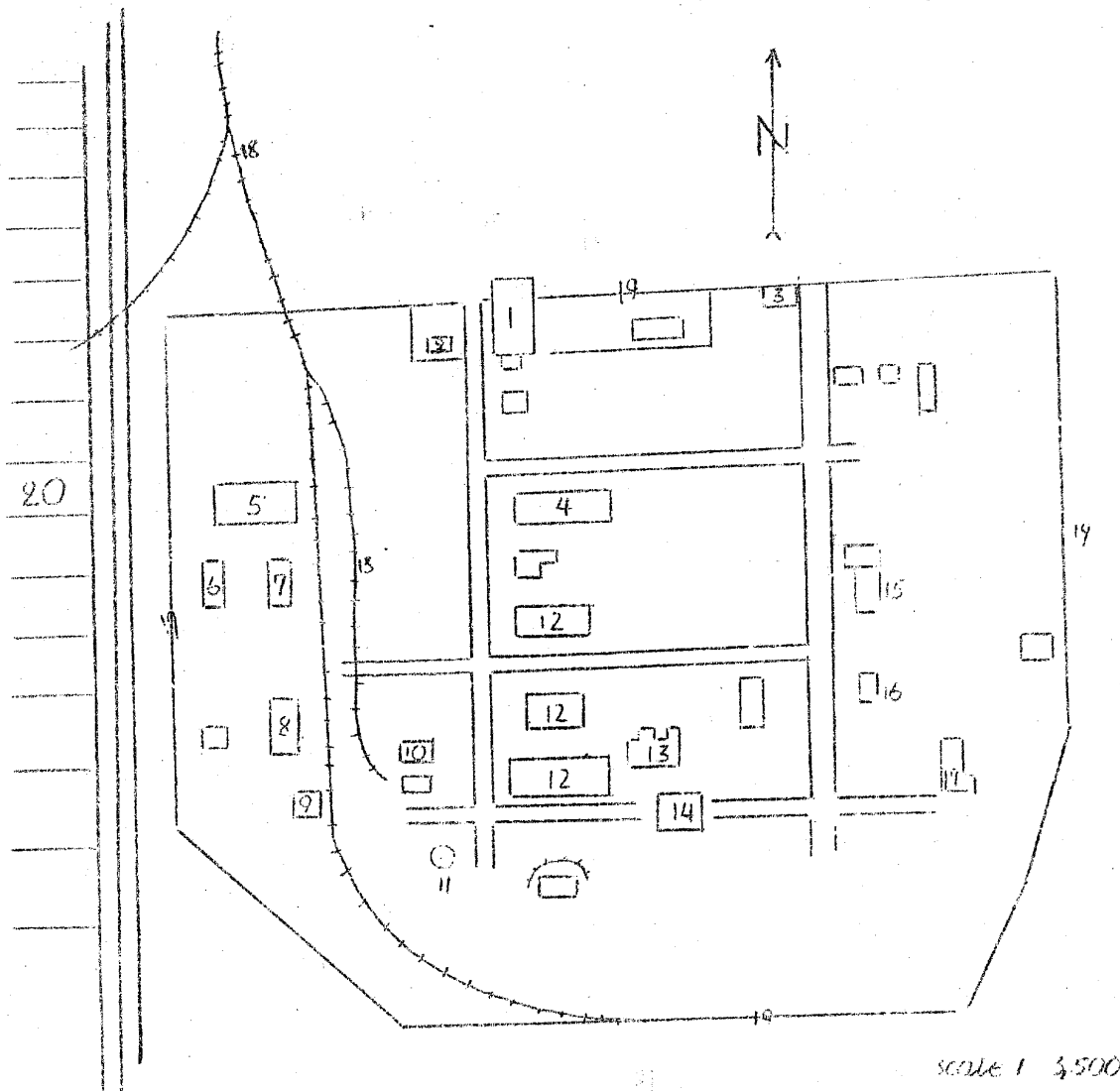
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Layout Sketch of the OKA Chemical Plant in Dzerzhinsk



Legend: See next page.

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Legend:

1. Administration building, a four-story brick structure, 25 x 12 x 14 meters.
2. Guardhouse.
3. Laboratory, a four-story concrete structure, 60 x 20 x 12 meters.
4. Storehouse, a four-story concrete structure, 130 x 15 x 12 meters.
5. Workshop building, a two-story structure, 100 x 40 meters, with several built-in tanks. A pipe, about 1 meter high, extended above the roof. According to Soviet workmen, ammonia was released through this pipe when there was excess pressure in this workshop.
6. Building, 30 x 15 x 6 meters, called "acid depot" ("Saeurelager"). It was connected with other plant buildings by uninsulated pipe lines.
7. Cooling installation, 15 x 10 x 6 meters. There was a series of twisted pipes on the roof.
8. Workshop building, a concrete structure. There was a strong ammonia odor near the building. Workers employed in this workshop wore protective clothing. Pipe lines led from this building to the buildings No 7 and 10.
9. Workshop building, a concrete structure, 20 x 15 x 6 meters, containing tank installations and measuring instruments. Machine noises were heard near this building.
10. Concrete building, 15 x 10 x 6 meters. Tank cars with alcohol arrived by rail. The alcohol was pumped through pipe lines into this building. One PW once drank of this alcohol without any injurious effects. According to one source, who was employed as a transportation worker, wood alcohol was stored in this building in iron containers which were 10 meters long and 2 meters in diameter.
11. Container, about 8 meters in diameter, still under construction in July 1949.
12. Various new structures of different dimensions. In some of them the walls were tiled and the floors were paved with flagstones.

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13. Building ruins. The building was razed in 1949. A new building was scheduled to be constructed on this site.
14. Warehouse, 40 x 20 x 12 meters, used to store carboys, metal and cardboard containers of finished products.
15. Machine shop, a concrete structure, 35 x 12 x 8 meters.
16. Carpentry shop and cooperage.
17. A new concrete structure, 35 x 12 x 8 meters. This was a "new foundry" according to one source.
18. Spar tracks.
19. Fence.
20. Chemical Plant No 96 "Zavod Stro1".

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