

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY Rumania REPORT
SUBJECT Industrial Plants in Rumania DATE DISTR. 8 May 1964 50X1-HUM
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reports containing information on the following:

- a. The Onesti-Borzesti Chemical Complex. This report is comprised of two sketches with legends. The sketches show the layout of the Onesti-Borzesti chemical complex and the Onesti synthetic rubber combine.
- b. The 9 May Plant in Bucharest. A two-page report containing information on the five functional divisions of the plant.

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Production of cement, brick, & glass machinery, conveyors, labor force, & plant organization

Distribution of attachment:

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Rumania

The 9 May Plant in Bucharest

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1. The 9 May plant, the largest of its kind in Rumania, is situated in the Cotroceni quarter of Bucharest. It produces equipment and spare parts for the building materials industry and is subordinate to the Ministry of Construction and Building Materials. Established in 1951 or 1952, the plant occupies 14 buildings on the 70-hectare tract of the former Pirotehnica Armatei factory. In 1960, the plant had a work force of about 1500, of whom about 75 were engineers and 200 to 250 were administrative employees.
2. During the first 18 months, the factory repaired building equipment and produced metal scaffolding for construction purposes. It then began to make parts for machinery used in cement, glass, brick, refractory brick, and prefabricated building factories. Production at the factory also included conveyors, kilns for the cement industry, and brick-making machines.
3. The factory was organized into five functional divisions:
 - a. The first division, the foundry shop, occupied three buildings and was subdivided into the following: a steel-casting shop, equipped with one Siemens furnace with a 35-ton capacity, which produced steel rods for reinforcing concrete, OT-42, OT-50, and OT-60 steel; an iron-casting shop, equipped with two furnaces, which also casted bronze and aluminum; and a steel forge, equipped with a 250-ton press, a 50-ton horizontal press, two 75-ton eccentric presses, one 480-kilogram pneumatic hammer, six 150-kilogram pneumatic hammers, and three 35-kilogram pneumatic hammers.
 - b. The second division, the machine shop, was one of the largest divisions. It occupied a building more than 100 meters long, was equipped with two two-ton cranes running the length of the room, and had the following

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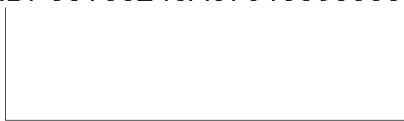
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tools; three large lathes, four-and-one-half meters between points, produced by Steagul Rosu; about 40 lathes of various sizes, produced by Hungarians, Soviets, Czechs, and the Victoria-Arad plant in Rumania; three turret lathes; one large lathe with a maximum capacity for parts of about four meters in diameter; about eight or ten presses, including two worm-wheel cutting machines, three vertical presses, and several universal presses; two slotting machines; five shaping machines; one thread-cutting machine; and various drills and grinding machines.

- c. The third division, the assembly shop, occupied two large buildings. New machines were assembled in one building, and trucks and heavy machinery used in the building materials industry were overhauled in the other building, which was equipped with a five-ton overhead shop crane.
 - d. The fourth division, the maintenance shop, consisted of five departments: the electrical department, which maintained the plant's transformer station; the services department, which also maintained the plant's central heating system and natural gas installations, and had two 30 cubic meter compressors and two 15 cubic meter compressors; the tool and die-making shop, which also handled thermal treatment of parts; the repair shop for metal machinery; and the workshop for the maintenance of the plant's 20 motor vehicles.
 - e. The fifth division, the metallurgical shop, occupied one building. It produced and repaired electronic instruments, about which no details were known. It also had a casting department for precision steel parts.
4. The factory's auxiliary buildings included two large, closed warehouses, a kitchen and canteen, and an administration and management building, which also accommodated the design department with about 50 engineers and technicians.

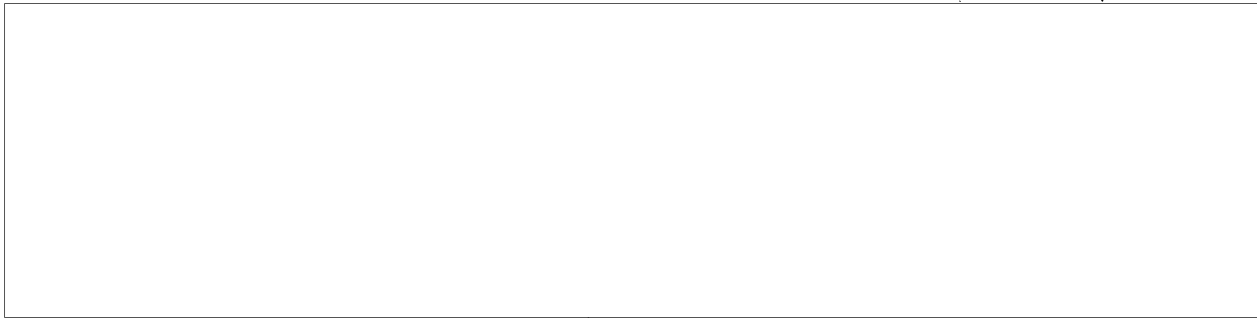
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COUNTRY : Rumania
SUBJECT : The Onesti-Borzesti Chemical Complex

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1. In late 1962, the Onesti-Borzesti Chemical Complex produced about 32 types of materials, most of which were marketed for civil mass consumption, except for a few used in the manufacture of explosives. The complex, which covered an area of 10 hectares, was composed of 78 plants, 80 percent of which were operative and the remainder near completion.

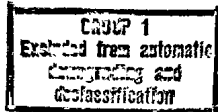
2. The following sketches are attached:

- a. Attachment I : Layout of the Onesti-Borzesti Chemical Complex
- b. Attachment II : Layout of the Onesti Synthetic Rubber Combine.

3. Legend to Attachment I:

- 1. Borzesti Chemical Combine
- 2. Borzesti Thermal power station
- 3. Onesti Oil Refinery No. 10
- 4. Onesti Synthetic Rubber Combine
- 5. Living quarters (wooden huts) for the workers constructing the complex
- 6. Four apartment houses for key personnel of the Synthetic Rubber Combine

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- 7. Offices (wooden huts) of the management of the construction
- 8. Fire brigade barracks (wooden huts)
- 9. Temporary central hospital
- 10. The new city of Onesti: concrete apartment houses which had six stories, and the commercial section
- 11. Schools operated by the Ministry of Oil and Chemical Industries



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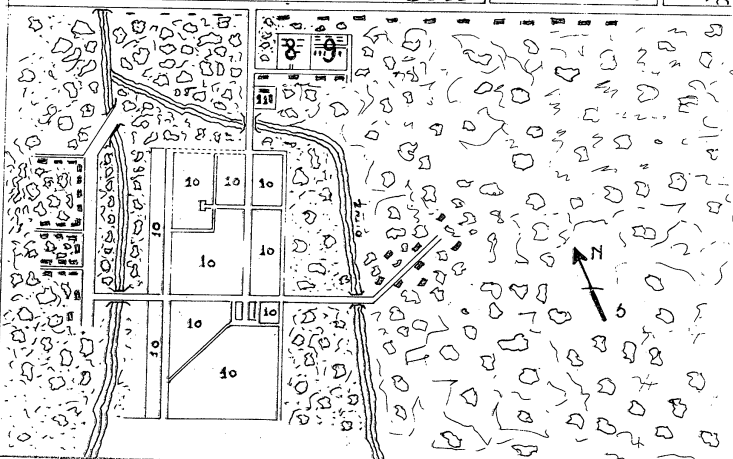
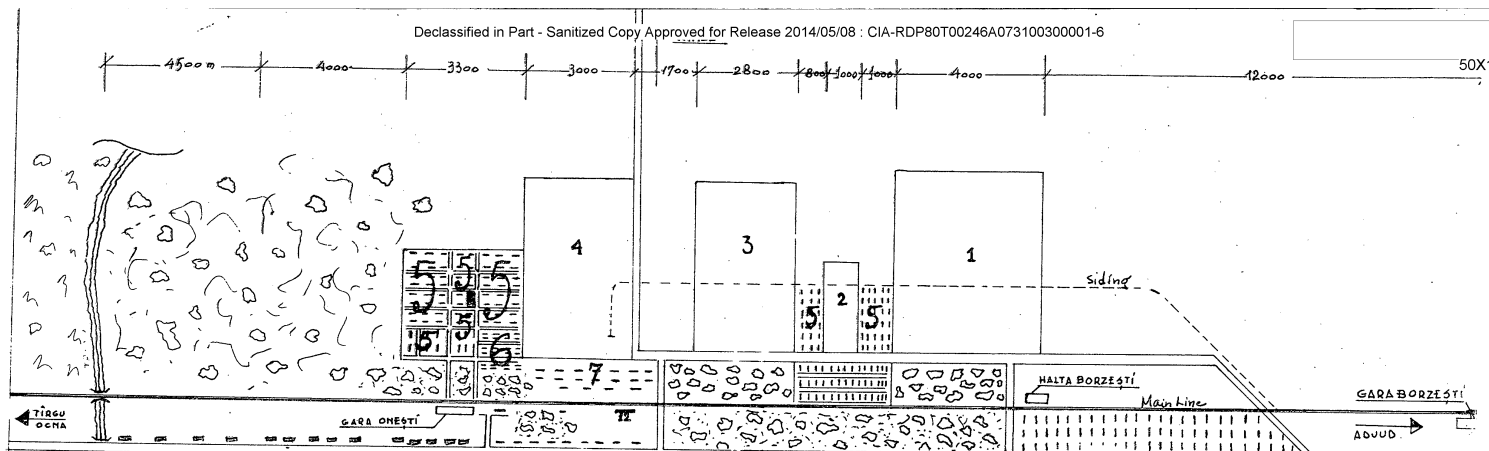
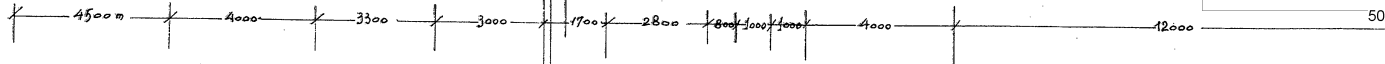
4. Legend to Attachment II:

- 1. Machine Shop
- 2. Transformer station
- 3. "E" Shop (ethylene)
- 4. "E8", the cooling plant which supplied the entire Combine through a network of insulated pipes
- 5. Building which housed laboratories on the ground floor and offices of the 12 Soviet consulting engineers on the first floor
- 6. Stores of raw materials
- 7. Loading platforms
- 8. Warehouses and containers of combustible materials
- 9. "I" Shop (auxiliary products)
- 10. "D" Shop (polyvinyls)
- 11. "M" Shop (intermediate products)
- 12. "F" Shop (phenols)
- 13. Installation for testing raw materials (under construction)
- 14. Laboratories and administration offices
- 15. Water pumping and purification stations.

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