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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

BIERUT IRON AND STEEL PLANT
CZESTOCHOWA, POLAND

[redacted]

HTA-M23-57

21 JUNE 1957

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CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

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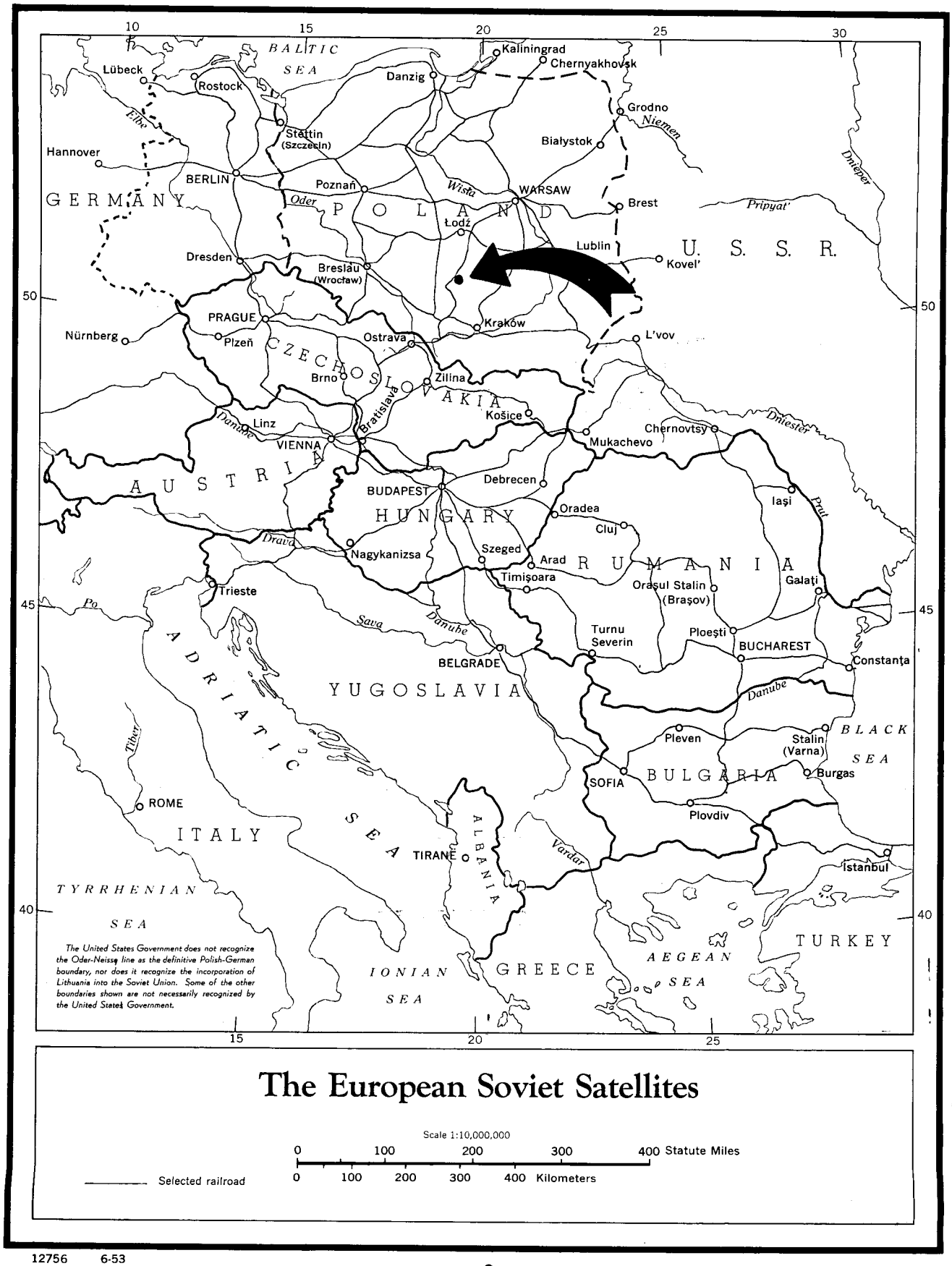

The European Soviet Satellites

Scale 1:10,000,000

0 100 200 300 400 Statute Miles

0 100 200 300 400 Kilometers

Selected railroad

12756 6-53

BIERUT IRON AND STEEL PLANT

CZESTOCHOWA, POLAND

The Bierut Iron and Steel Plant is located at Czestochowa in southern Poland, about 65 miles northwest of Krakow. Comparison [redacted] 25X1D reveals extensive expansion of this plant, which is still under way. Part of this expansion has taken place on the former site of the Kucelin Airfield. Plans call for this to be the second-largest steel plant in Poland.

Basic components of the original plant, [redacted] 25X1D consisted of two blast furnaces, four or five open hearth furnaces, and one rolling mill (Plate 1). These facilities occupied approximately 60 acres.

[redacted] 25X1D one blast furnace had been removed, but most buildings in the original plant remained and were still in use. In the area adjoining the original plant on the east and south six open hearth furnaces, a pipe mill, and a water treatment pond have been added s[redacted] 25X1D (Items 32-34, Plate 2).

North and east of the original plant, extensive new iron and steel making facilities are nearing completion. The following units were in operation in [redacted] 25X1D two modern blast furnaces, a large raw materials storage bin, a power house, and an ore sintering plant. The blast furnaces are connected by rail with the new open hearth building adjoining

the original plant. Additional facilities, probably coke ovens, are under construction near the blast furnaces.

Several large buildings located south of the new blast furnaces house forge and heavy equipment facilities. There is no evidence of production in this part of the plant at the time of the photography.

About a mile northwest of the new blast furnaces a rolling mill (Item 1, Plate 2) was nearing completion at the time of photography. One large mill building, a large storage building, and several smaller structures are present.

Construction of these new production facilities has made necessary several changes in roads and railroads. The rail line to Kielce, which formerly passed through the area now occupied by the new expansion, has been relocated south of it. Spurs from this line serve the plant area, and an entirely new rail line branches off to the south. A new two-lane road overpasses the railroad and connects a new apartment-type housing development with the plant.

Major components of the plant are identified on Plate 2.

KEY TO ANNOTATIONS

1. Probable steel processing plant under construction.
   a. Unidentified building, 290'x 100', single story, monitor roof.
   b. Unidentified building, 270'x 100', single story, monitor roof.
   c. Probable rolling mill, 580'x 200', single story, two bays with monitor roofs.
   d. Processing building, 160'x 90', basically single story, monitor roof.
   e. Probable storage bins. Overall dimensions, 185'x 60'.
   f. Probable storage building, 525'x 90', two or three stories.
   g. Probable processing building, 210'x 55', single story.
   h. Storage building, 345'x 60', single story, pitched roof.
2. Open storage for raw materials. Served by two bridge cranes and two conveyors or loaders.
3. Cooling tower, 60' diameter.
4. Cooling tower, 110' diameter.
5. Sedimentation tanks (3), 110' diameter.
6. Sedimentation tank, 125' diameter.
7. Cooling towers (2), 110' diameter.
8. Powerhouse, 350'x 230', with five stacks. Associated with blast furnaces.
9. Open storage, 1200'x 250', for blast furnace raw materials.
10. Blast furnaces (2).
11. Sintering plant for iron ore. Consists basically of a tipple, ore conveyors, crushers, and furnaces.
12. Possible building foundation 300'x 95'.
13. Gasholder, dry type, 60' diameter, 80' high.
14. Probable storage building, 340'x 60', single story, pitched roof.
15. Rail line from blast furnaces to open hearth building.
16. Road, double lane. Connects personnel housing to plant.
17. Storage buildings (8), average size 140'x 45'. Probably temporary.
18. Probable storage buildings (3), average size 200'x 55'.
19. Processing building, 350'x 90', single story, monitor roof.
20. Probable processing building, 350'x 110', possible multistory, pitched roof.
21. Heavy equipment building, "I" shaped. Main center section, 300'x 120', single story, monitor roof; end sections each 220'x 60', probably multistory, one flat and one monitor roof.
22. Heavy equipment building "T" shaped. Main section 475'x 230', single story, monitor roof; end section 310'x 95', probably multistory, pitched roof.
23. Building under construction, 970'x 80'. May connect Buildings 21 and 22.
24. Storage building, 200'x 55', single story, pitched roof.
25. Shop building, 250'x 100', single story, monitor roof.
26. Shop building, 210'x 120', single story, pitched roof, vented.
27. Heavy equipment building, 280'x 180', single story, monitor roof.
28. Storage building (35), probably temporary during construction. Average size, 240'x 45'.
29. Limestone quarry.
30. Former railroad line.
31. Original plant
   a. Blast furnace
   b. Open hearth furnace building, 460'x 25', 4 or 5 furnaces.
   c. Mill building, 420'x 290'.
32. Pipe mill. Composed of three adjoining buildings, 770'x 250', 600'x 250', and 330'x 250'. Each building has three longitudinal bays with pitched roofs and ventilators.
33. Open hearth furnace building, 660'x 385'. Six stacks, monitor roof.
34. Water reservoir, approximately 70 acres.
35. Temporary housing for construction workers. Approximately 60 buildings, average size 140'x 40'.
36. Slag dump.
37. Explosives storage.
38. New single-line railroad spur.
39. Realigned single-track railroad line to Kielce.

REQUIREMENT: Prepared in answer to RR/HTA/E/R47/56 and RR/HTA/E/R59/56 requesting the number of blast furnaces and open hearth furnaces, and a description of new construction at the Bierut Iron and Steel Plant, Czestochowa, Poland. 25X1D

[redacted]

REFERENCE: Target Mosaic [redacted] 25X1A

COORDINATES: 50°47'N; 19°11'E

25X1A [redacted]

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