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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

COUNTRY Hungary

DATE DISTR. 26 Nov 1951

SUBJECT Nitro Chemical Institute ()

NO. OF PAGES 2

PLACE ACQUIRED

NO. OF ENCLS. 1 (LISTED BELOW) (A)

DATE ACQUIRED

SUPPLEMENT TO REPORT NO.

50X1-HUM

DATE OF

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1. The Nitro Chemical Institute at Fuzfogyartelep was the only explosive manufacturing plant in Hungary. Powder types suitable for shotgun shells to artillery shells were produced. In 1948 the plant was inoperative save for a limited production of copper sulfide.
2. Power plant facilities are located underground, approximately 26 meters beneath the surface. Nitro Chemical Institute is situated on the side of a hill, and the power plant tunnel is bored horizontally into the side. The tunnel has a clearance of about 4-1/2 meters vertically, and is eight hundred meters in length before emerging into the turbine room. There are three steam powered turbines of 11 thousand horsepower total capacity. Turbines are six thousand horsepower, three thousand horsepower and two thousand horsepower respectively. Water is supplied via underground pipes from Lake Balaton, approximately one kilometer distance. Coal is brought from Varpalots via rail for use as boiler fuel. Narrow gauge dump cars carry coal from the main rail siding through a tunnel to the boiler and turbine room.
3. Drinking water is piped in from well sources in and around Fuzfogyartelep.
4. There are about 35 underground bunkers scattered throughout the plant grounds for air raid protection. Accommodation is sufficient for about six thousand people. All structures above ground are constructed of brick and are one story. Wire fence around property is cyclone type, two meters in height.
5. Housing facilities for eight hundred people are available.

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6. Attached as Enclosure (A) is a sketch on the following facilities at Nitro Chemical Institute:

Point

- #1..... Plant dispensary - 20-bed capacity, X-ray
- #1a..... Emergency ward with 100-bed capacity
- #2..... Plant laboratory
- #3..... Tool and spare part storage facilities
- #4..... Work shops - electrical, steel, castings, etc

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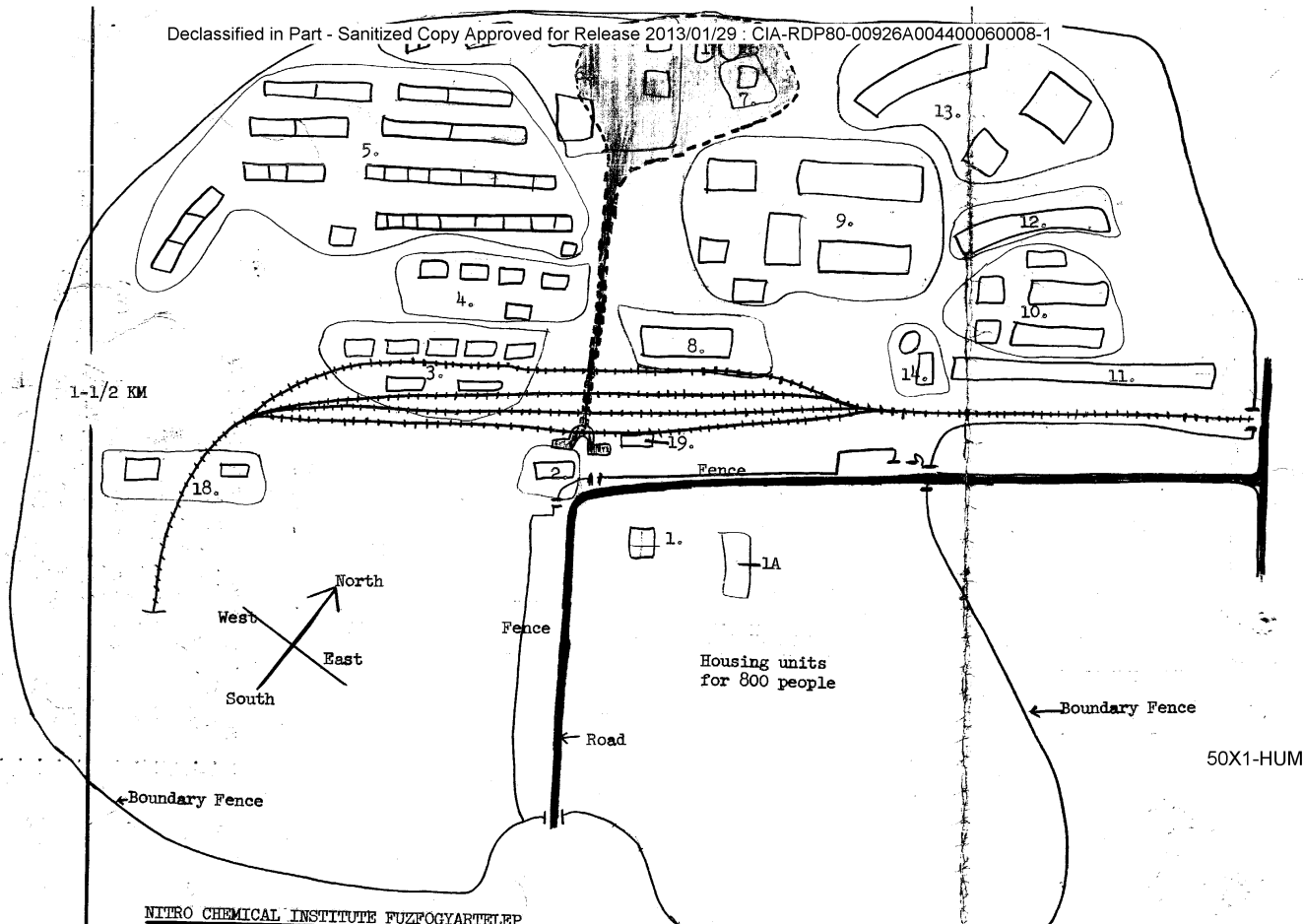


- #5..... Gun powder manufacturing houses
- #6..... Nitroglycerine and diglycol [sic] production
- #7..... Electrical transformer
- #8..... Paper factory
- #9..... Gun cotton production
- #10..... TNT production
- #11..... Gun powder storage
- #12..... Pyrotechnic production
- #13..... Pentaeritrit [sic] production - built 1938
- #14..... Reserve electric power plant - approximately three thousand horsepower
- #15..... Tunnel entrance to underground power plant
- #16..... Steam chimney
- #17..... Condenser for steam turbine
- #18..... Powder test station
- #19..... Freight station
- #20..... Standard gauge track
- #21..... Tunnel and underground power plant

-end-

ENCLOSURE (A): A sketch of Nitro Chemical Institute at Fuzfogyartelep.

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NITRO CHEMICAL INSTITUTE FUZOGYARTELEP
 (Number and location of units is correct but relative size is not indicated) 1-1/2 KM

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ENCLOSURE (A)

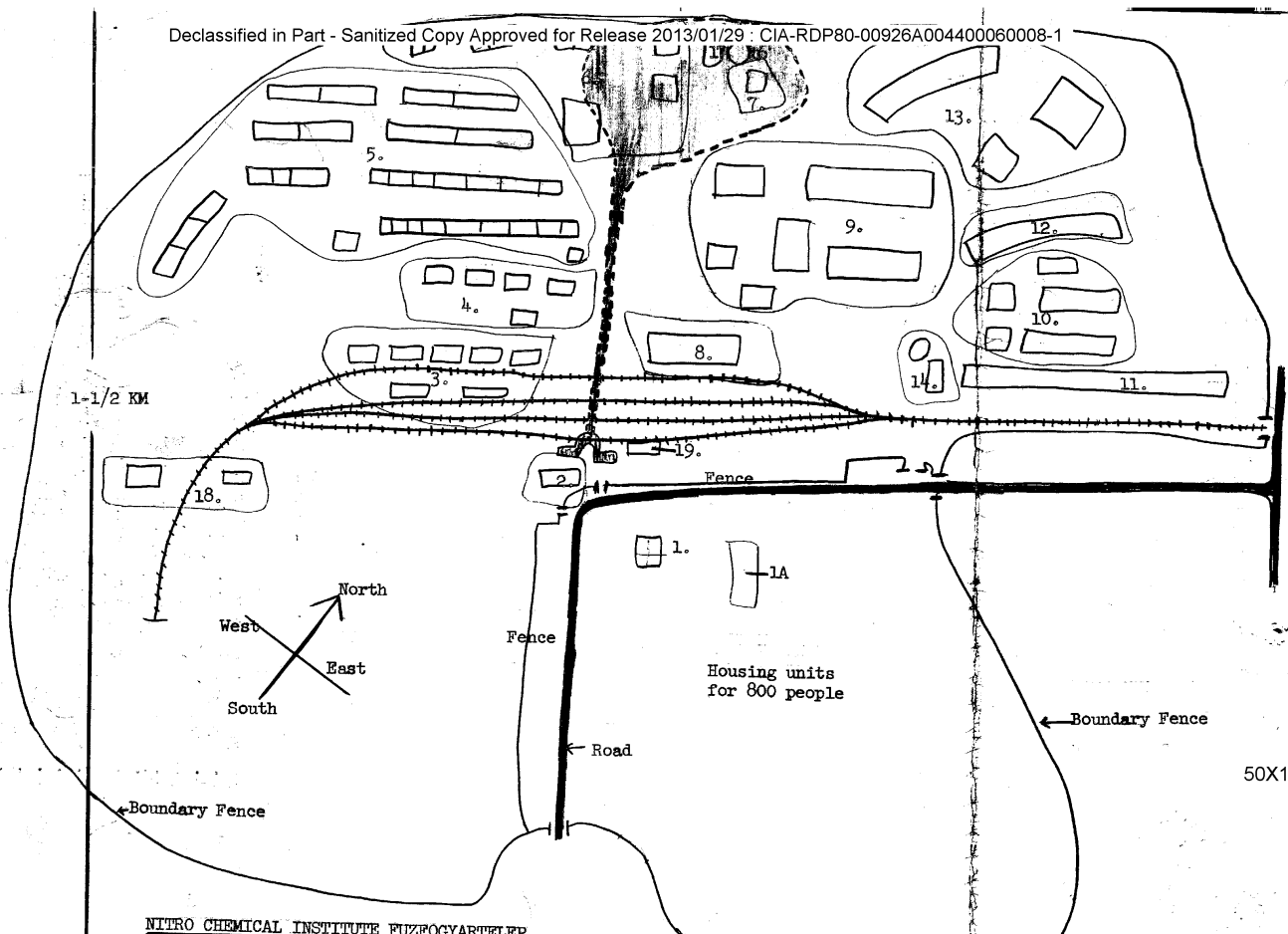
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ENCLOSURE (A)

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