

## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	Czechoslovakia	REPORT	
SUBJECT	Bratislava Electro-technical Works (BEZ), Bratislava	DATE DISTR.	20 October 1953
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
THE APPRAISAL OF CONTENT IS TENTATIVE.  
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50X1-HUM

1. The Bratislava Electro-technical Works (Bratislavské elektrotechnické závody - BEZ), Bratislava, received its present name in 1948. It originally was known as Siemens-Bratislava and after World War II was called CKD-Krivan. The main entrance to the plant is at Racanska cesta 14, Bratislava.
2. About 620 persons are employed in the plant, 130 of them being women. Work is done in three shifts.
3. Electric motors make up 70% of the plant's production. They are all three-phase motors of 6, 8, 12, 16, 18 and 24 horsepower and of 220, 380 and 500 volts. Monthly capacity is about 180 electric motors of all types. The entire output of motors is for export: about 70% for the USSR and the remaining 30% for the satellite nations.
4. Transformers make up the other 30% of the plant's production. These are standardized oil transformers (Oeltransformatoren) for high voltages - 60,000 or 120,000 volts - and also for 220, 380 and 500 volts. These transformers can be regulated. Monthly production amounts to about 110 transformers. About 10% of them are for domestic requirements; the remainder are shipped to the USSR.
5. Materials brought to the plant for processing include the following: winder armatures (Wicklerarmaturen) for rotors, parts for and complete armature boxes, bakelite liners for insulators, electrolytic steel, brass and brass wire (Messingdraehte). The electrolytic steel, brass and brass wire are said to come from Lower Austria; the other material mentioned is from Czechoslovakia.
6. Electric current and gas are obtained from the city of Bratislava. Steam is produced at the plant.
7. A railroad spur line leads from the Novomeske Station to the BEZ plant. The plant has four automobiles, five trucks and a travelling crane.

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50X1-HUM

- 2 -

8. The following is a description of the various points indicated on the annexed sketches, including lists of the machinery in the various buildings. Seventy percent of the machinery is newly manufactured.

(1) Transformer and machine hall, a one-story steel structure.

(a) Production of transformers; this hall has the following machinery:

1 large hydraulic press for 60 atmospheres  
 1 travelling crane, 60 tons  
 6 molding machines (Formpressmaschinen)  
 3 planing machines  
 3 grinding machines  
 4 drilling machines  
 4 planing machines

(b) Machine hall (Strojirna); production of parts for transformers and electric motors; this hall has the following machinery:

5 molding machines (Formpressmaschinen) for sheet metal from 1 to 4 mm.  
 4 milling machines (vertical and horizontal)  
 8 lathes  
 3 revolving lathes  
 2 magnetic grinding machines  
 Iron saws (Eisensaegen)

(2) One-story steel structure; boiler house, gas plant and electricity plant. Admittance to this building is only with special permission and with a special pass. Steam for the steam presses for transformer production is produced in the boiler house. The electricity plant has one generator and one dynamo; it is only used if the current is weak or fails completely. There is a small gas reservoir in the gas plant which distributes the gas to the various sections. Gas is brought in from the municipal gas reservoir; the gas line is underground.

(3) Small trolley station for the BEZ workers.

(4) Two-story steel structure in the form of an "L"; foundry and drafting room. In the cellar of this building the finished products are stored - shafts (Wellen) for electric motors, armatures for switchboxes. In the foundry on the ground floor, special electrolytic steel is poured into forms. The foundry has three electric furnaces, each with a capacity of 200 kilograms. The technical offices for the foundry and a storage area for finished products are also on the ground floor. The drafting room is on the second floor.

(5) Administration building. The canteen is on the ground floor.

(6) Porter's lodge.

(7) Electro-technical hall and plant laboratory; a one-story steel structure. This hall has the following machinery:

4 vertical lathes  
 12 winding machines for rotors of electric motors  
 4 milling machines (sic)  
 14 milling machines (sic)  
 5 planing machines  
 3 drilling machines  
 Iron saws  
 3 special machines for grinding and turning rotor cores.

50X1-HUM

The 12 winding machines mentioned above were produced in Czechoslovakia in 1952 with the Micafil winding machine as a model. The laboratory is on the second floor of this building.

50X1-HUM

(8) Time clocks for the employees are located here.

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50X1-HUM

- 3 -

- (9) Plant railroad spur line, with normal gauge track.
- (10) Turntable for railroad cars.
- (11) Main entrance.
- (12) Trash dump.
- (13) Fence.
- (14) Storage for finished machines, electric motors and semi-finished products.



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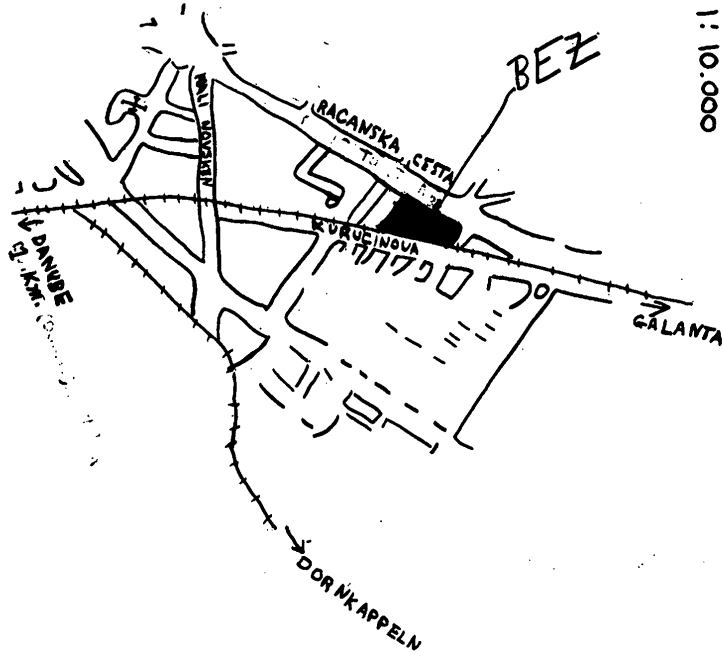
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50X1-HUM

- 4 -

BEZ Plant, Bratislava



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