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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT



COUNTRY USSR

DATE DISTR. 18 Sep 51

SUBJECT Machinery Manufacturing Plants

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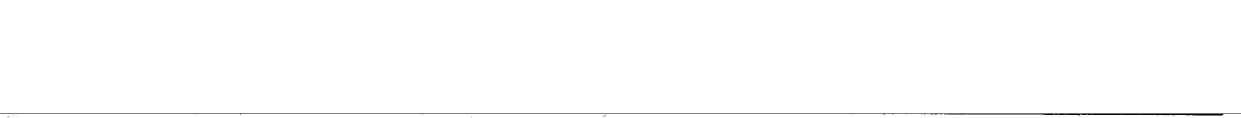
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1. The following plants in the USSR were making machinery for sugar factories in 1945:

2. Plant: Bolshevik

Location: Brest-Litovskoye Shose Street, Kiev, Ukraine. The plant occupies an area of approximately one-fourth of a square mile in the northern part of Kiev. There are six large industrial buildings and approximately 1,500 to 2,000 employees.

Plant belongs to: Glavhimmash (The Central Management of Chemical Machine Building)

Equipment Manufactured:

- | | |
|--|--|
| Diffusion Batteries | Carbonations |
| Pulp presses | Absorbers |
| Grain Presses | Polymerizators |
| Pulp dryers | Vacuum filters |
| Reciprocating pumps | Steam engines |
| Gas pumps | Streppers |
| Air pumps | Reducers |
| Centrifugal machines | Drying stoves |
| Openhearth steel | Evaporators (Robert model) |
| Beet cutters (Rasmus model) | Vacuum pans (Vyrovoy model) |
| Beet cutters (Putsh model) | Vacuum pans (Robert model) |
| Filter presses (Abraham model) | Vacuum pans (Ohotsky model) |
| Boilers for fusion of caustic | Vacuum pans (Zeydak model) |
| Autoclave for pressure to 35 atmospheres | Steel cupboard (Gaas model) |
| Acid proof objects (from termosilid) | Steam apparatus (Frederking model) |
| | Repositories (tanks) from iron, diameter to 65 mt. |

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3. Plant: Frunze

Location: Sumy, Ukraine

Plant belongs to: Glavhimmash

Equipment Manufactured:

Turbo - compressors
 Reciprocating compressors
 Centrifugal machines
 Centrifugal pumps

4. Plant: Smelyansky

Location: Smela, Ukraine

Plant belongs to: Glavpishemash (The Central Management of Food Machine Building)

Equipment Manufactured:

Beet elevators	Vacuum pans
Conveyors	Crystallizers
Defecators	Pulp presses
Sulphitations	Pulp dryers
Sulphur stores	Juice heaters
Evaporators	Thickeners
Cyclones	Mixers
Separator of oil	Meters of Juice
Equipment for washing filters	Condensers
Machine for sharpening diffusion knives	

5. Plant: Barsky

Location: Bar, Ukraine

Plant belongs to: Glavpishemash

Equipment Manufactured:

Straw catchers	Automaton for separation of water
Preliminary defecators	Conveyors of sugar
Filter presses	Reciprocating pumps
Sand and stone catchers	Centrifugal pumps
Gas washers	
Lime slackers	

6. Plant: Karlovsky

Location: Karlovka, Ukraine

Plant belongs to: Glavpishemash

Equipment Manufactured:

Stone catchers
 Beet washers
 Diffusion batteries
 Elevators for sugar
 Conveyors of sugar
 Conveyors for beets

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7. Plant: Progress

Location: Berdicher, Ukraine

Plant belongs to: Glavhimmash

Equipment Manufactured:

- | | |
|-----------------------|---------------------|
| Beet elevators | Gas washers |
| Beet wheels | Crystallinators |
| Mamut pumps | Separators |
| Juice heaters | Sulphur stoves |
| Condensers | Reciprocating pumps |
| Apparatus (Mik model) | Beet washers |

8. Plant: Krasny Octyabr

Location: Fastov, Ukraine

Plant belongs to: Glavhimmash

Equipment Manufactured:

- Juice heaters
- Carbonations
- Beet washers
- Pulp dryers

9. Plant: Taganrogsky

Location: Taganrog, Ukraine

Plant belongs to: Not known

Equipment Manufactured:

- Knives for cutting sugar beets

10. In 1945 the USSR was self-sufficient in the production of all equipment for the sugar industry. Only precision instruments which are necessary for the control of the process of sugar production, sometimes are supplied through Western sources.

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[Redacted] map of the City of Kiev, Ukraine [Redacted]
[Redacted] It shows the location of important plants, factories,
and schools./

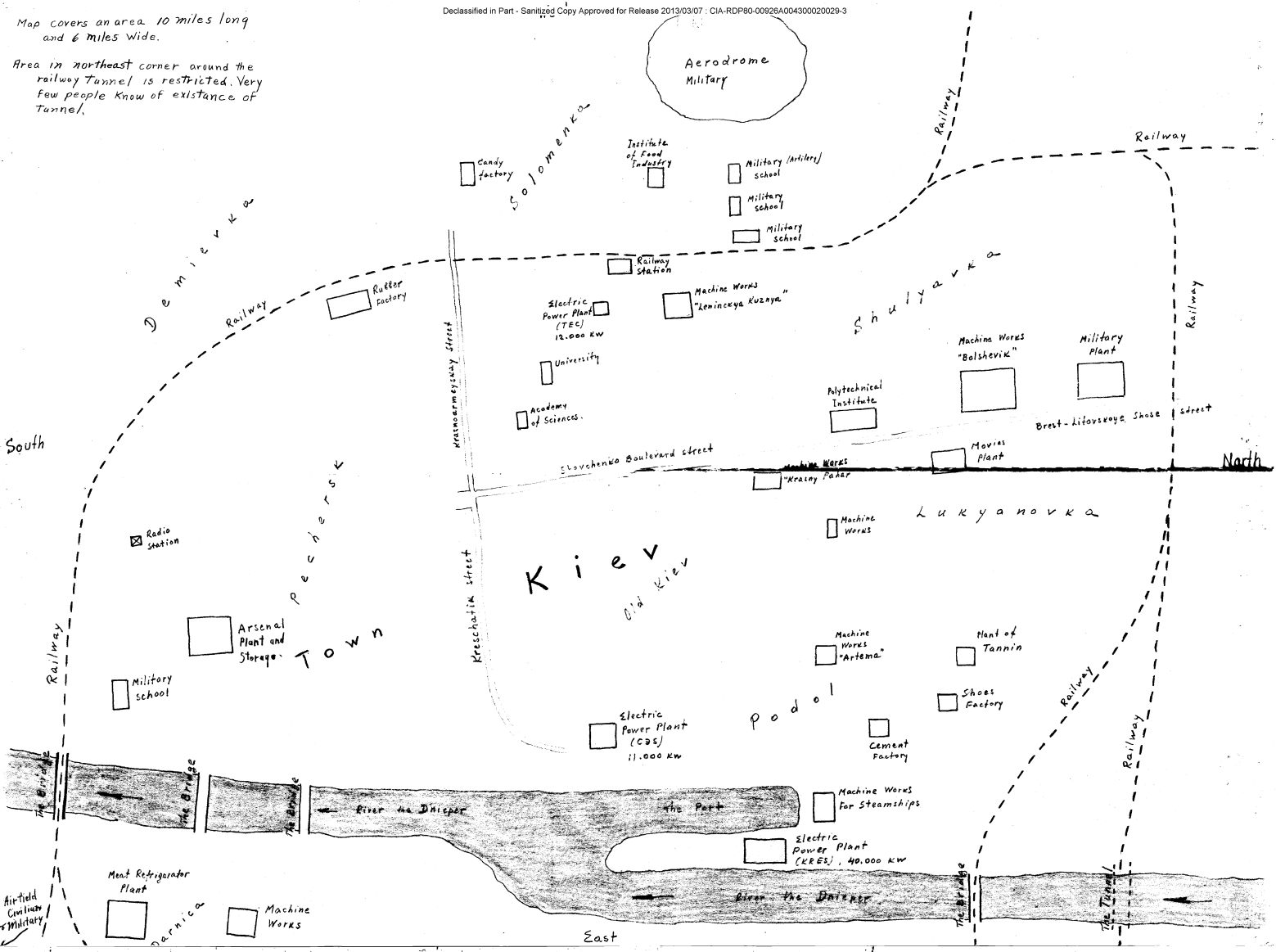
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Map covers an area 10 miles long and 6 miles wide.

Area in northeast corner around the railway tunnel is restricted. Very few people know of existence of tunnel.



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