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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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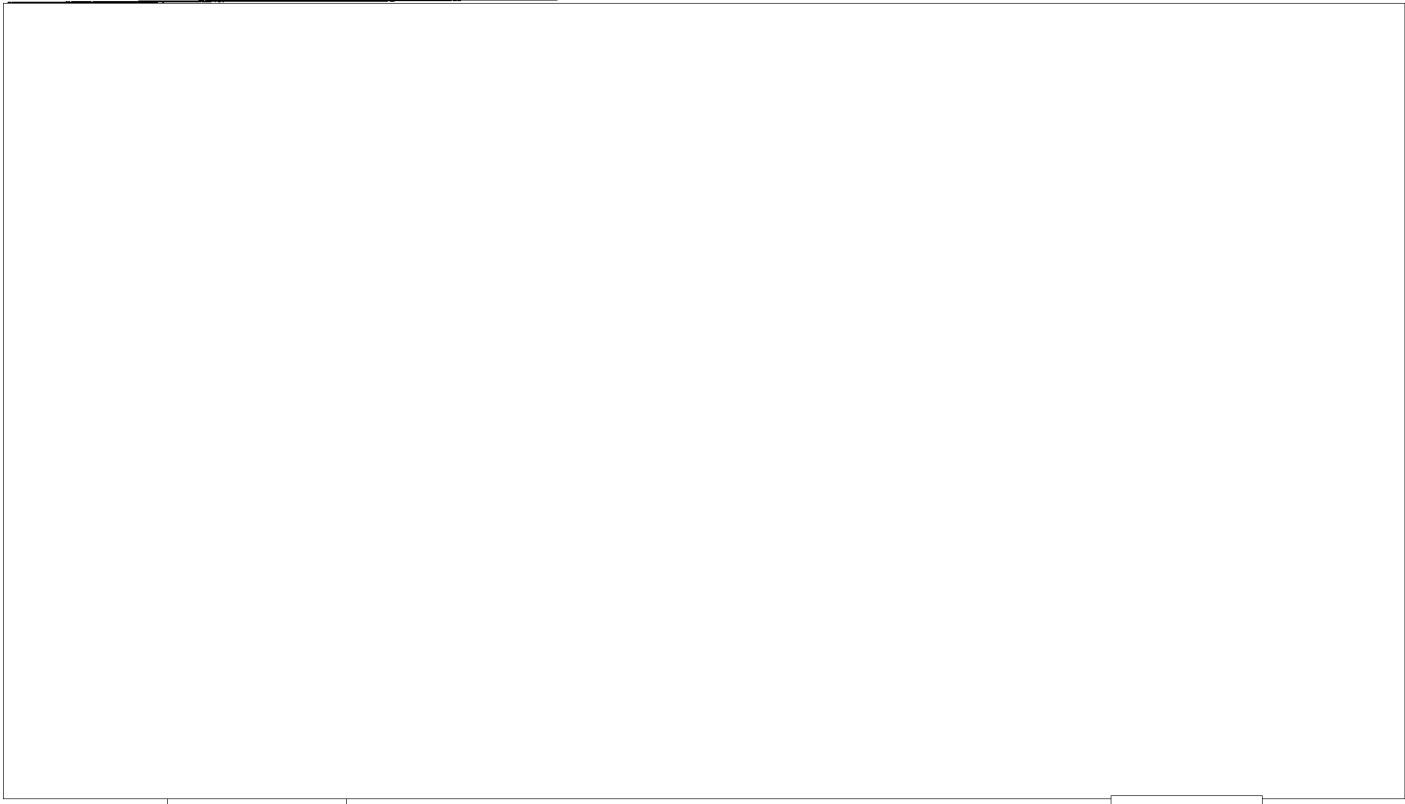
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50X1-HUM

COUNTRY	North Korea	REPORT	[Redacted]
SUBJECT	P'yongyang Coal Mining Machine Factory	DATE DISTR.	2 September 1964
		NO. PAGES	1
		REFERENCES	RD

DATE OF INFO.	[Redacted]	50X1-HUM
PLACE & DATE ACQ.	[Redacted]	50X1-HUM

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[Redacted] a 19-page unedited translation of interrogation [Redacted] on the P'yongyang Coal Mining Machine Factory. The document is classified CONFIDENTIAL.

Distribution of Attachment

50X1-HUM

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- 3 [Redacted]
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- 5
- 4
- 3
- 2
- 1

- 1 -

P'yongyang Coal Mining Machine FactoryBackground

50X1-HUM

1. [] the P'yongyang Coal Mining Machine Factory, located in Sagok-tong, Sadong-guyok, P'yongyang-si, was a grade III national enterprise employing over 1,200 workers and produced various important machines to be used at coal mines. It was the only mining machine factory in western North Korea, which was first established [] as the P'yongyang Coal ^{mining} Machine Repair Factory. At the time of establishment, it was already a grade III national enterprise under the control of the Machine Management Bureau, Ministry of Heavy Industry, but then had only about 200 employees and was equipped with about 10 small lathes and a few medium lathes. With the establishment of the Ministry of Coal Industry in the NK cabinet in or about 1956, the factory was transferred to the jurisdiction of the ministry and was gradually expanded both in equipment and personnel. [] when it was renamed 50X1-HUM the P'yongyang Coal Mining Machine Factory and promoted to a grade II national enterprise, it came to have a total of approximately 1,800 employees and many machine tools of various types, to produce large pumps, cranes, steel mine-tubs, tipplers and other machines and parts to be used at coal mines. With the establishment of the Heavy Industry Commission in 1960, the factory was again transferred to the jurisdiction of the Machine Industry General Bureau of the said commission, but was degraded to a grade III national enterprise for some unknown reasons. The personnel of the factory was then also reduced to about 1,200 and many of its technicians and skilled workers were transferred to Hoeryong-gun, Hamgyong-pukto, where another coal mining machine factory was newly established under the jurisdiction of the same bureau. However, production equipment of the factory was not reduced, nor the factory's production targets were markedly cut. As of early 1962, the factory purchased various iron and steel materials from the Hwanghae Iron Works (N 38-47, E 126-38) (YC 2995), the Kangson Steel Mill (N 38-56, E 125-35) (YD 2412), the Songjin Steel Mill (N 40-33, E 129-08) (EV 1290), and the Namp'o Smelter (N 38-45, E 125-30) (YD 1691), and supplied its products to various coal mines in western and central North Korea in accordance with the directives of the Heavy Industry Commission. Most of the machines in use at the factory were old and outmoded, and it was under

plan to gradually replace all the old-type and obsolescent equipment with modern machines newly manufactured by the Hui-ch'ong Machine Tools Factory (N 40-10, E 126-16) (BV 6849) and the Pukchung Machine Factory (N 39-57, E 124-26) (XB 2323). It was also said that this factory would soon take over a lot (about 100 meters square) belonging to the Central Materials Warehouse located by the factory, so that it might expand its facilities to increase its production.

Production:

2. [] this factory produced a total of over 3,000 kinds of 50X1-HUM machines and parts to be used at coal mines. Its monthly production in value was roughly estimated at 220,000 to 250,000 won in NK currency.

The following were its monthly or yearly production of major items:

<u>Products</u>	<u>Capacity</u>	<u>Quantity/Period</u>
Mine-tubs	1-ton	100/monthly
Mine-tubs	2-ton	200/monthly
Tiplers	1-ton	5/monthly
Tiplers	2-ton	5/monthly
Centrifugal pumps	unknown	20/monthly
Turbine pumps	unknown	30/monthly
Hoists	1-ton	20/monthly
Hoists	2-ton	30/monthly
Conveyors	small	10/monthly
Conveyors	large	5/monthly
Cranes	large	10/yearly
Mine-tub wheels	1-ton tub	1,000/ yearly monthly
Mine-tub wheels	2-ton tub	1,000/monthly
Mine-tub axles	1-ton tub	1,000/monthly
Mine-tub axles	2-ton tub	1,000/monthly

In addition, the factory produced or repaired various special machines and parts on the orders from various enterprises in NK. On the average, the factory monthly repaired about 30 electric motors (^{0.5} \$500 to 10,000-kilowatt motors) and about 30 kinds of miscellaneous machines on the orders from various factories. [] the factory often

50X1-HUM

failed to meet its monthly production quotas for short of raw materials or

for frequent delay in their arrivals. However, after the Heavy Industry Commission was established in April of that year, the supply of raw materials to manufacturing enterprises became systematic and timely. As a result, the production of this factory also became steady [redacted]

50X1-HUM

[redacted] and the factory successfully accomplished its annual production quota [redacted]

50X1-HUM

Purchase of Raw Materials:

3. This factory received various equipment and raw material^s directly from their producer-enterprises in exchange for the allotment certificates issued by the Heavy Industry Commission in accordance with the factory's requisition made up in proportion to the national production quotas of the factory. The payments for the equipment and raw materials received were made in bank transfers directly between the factory and the supplier-enterprises, but their costs were unknown. The following were the monthly or quarterly purchases of important raw materials used at this factory,

[redacted]

50X1-HUM

<u>Materials</u>	<u>Quantity/Period</u> ton	<u>Supplier</u>
3mm Steel plate	20/monthly	Hwanghae Iron Works
1mm Steel plate	5/quarterly	" " "
5mm " "	10/ "	" " "
6mm " "	10/ "	" " "
8mm " "	10/ "	" " "
10mm " "	10/ "	" " "
12mm " "	5/ "	" " "
20mm " "	5/ "	" " "
30mm " "	5/ "	" " "
3mm angle iron	10/monthly	" " "
6mm " "	5/ "	" " "
Angle steel (various sized)	10/ "	" " "
Pig iron	20/ "	" " "
Round steel bar	10/ "	Kangson Steel Mill
Special steel	5/ "	Songjin Steel Mill
Gun metal	5/ "	Nampo Smelter

In addition, the factory consumed about 25 truckloads of molding sand (brought from Monggump'o, Hwanghae-namdo) monthly and about five truckloads of lumber quarterly.

Production Facilities and Equipment

4. [] various plants of this factory had the following facilities and/or equipment: 50X1-HUM

a. Lathe Plant

<u>Item</u>	<u>Quantity</u>	<u>Manufacturer</u>
Small lathes	10	Huich'on Machine Tools Factory (HMTF)
Medium lathes	2	HMTF
Large lathes (MV lathes)	5	Pukchung Machine Factory (PMF)
Large lathes	3	Soviet Union
Large lathes	5	Czechoslovakia
Large Lathes	5	East Germany
Large boring machines	2	Soviet Union
Large hobbing machine	1	HMTF
Large hobbing machine	1	Czechoslovakia
Large slotting machines	2	Czechoslovakia
Small special lathe	1	Built by factory workers
Large turning machines	2	Soviet Union
Small shapers	10	HMTF
Large planers	2	[] 50X1-HUM
Large drilling machines	2	Soviet Union
Small drilling machines	2	HMTF
Overhead crane (1-ton)	1	unknown
Large face lathe	1	[] 50X1-HUM

b. Assembling Plant

Overhead crane (3-ton)	1	unknown
Small crane (1-ton)	1	unknown

c. Steel-Casting Plant

Electric furnace (3-ton)	1	unknown
Cupola furnace (1-ton)	1	"
Gun metal furnace (1/2-ton)	1	"
Overhead cranes (3-ton)	2	"

C-O-N-F-I-D-E-N-T-I-A-L

-5-

Overhead crane (1-ton)	1	Unknown	
Sand-removing machines	2	"	
Molding sand mixers	3	HMTF	
Welding machines	3	HMTF	
Pig- iron crushing machine (^{1/2} 1 -ton)	1	Built by workers	
d. <u>Forging Plant</u>			
Small lathes	10	HMTF	
Nut punching machine	1	<input type="text"/>	50X1-HUM
Electric welder	1	Built by workers	
Air hammer (1-ton)	1	Czechoslovakia	
Air hammer ($\frac{1}{2}$ -ton)	1	"	
Bolt-nut punch presses	2	Soviet Union	
Round steel bar cutter	1	Unknown	
e. <u>Body-making Plant</u>			
Medium lathe	1	HMTF	
Small drilling machines	4	HMTF	
Welding machines	30	HMTF	
Crane (3-ton)	1	Unknown	
Crane (1-ton)	2	"	
Riveting hammer (air hammer)	10	PMF	
f. <u>Engineering & Power Plant</u>			
Small lathes	3	HMTF	
Large lathes	2	East Germany	
Large lathes	5	HMTF	
Small shapers	2	HMTF HMTF	
Crane ($\frac{1}{2}$ -ton)	1	Unknown Unknown	
Small drilling machine	1	HMTF	
Air compressors	2	East Germany	
Air compressor	1	<input type="text"/>	50X1-HUM
Medium Hobbing machine	1	HMTF	
g. <u>Daily Necessities Production Plant</u>			
Small lathes	1	HMTF	
Medium lathes	2	HMTF	
Welding machine	1	HMTF	

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

- 6 -

Reverberatory furnace($\frac{1}{2}$ -ton)	1	Unknown
Spot welder	1	Soviet Union
Steel plate bending machine	1	Unknown
Plate-rolling machine	1	Built by workers
h. <u>Transportation Plant</u>		
Crane (5-ton)	1	Unknown
Crane (1-ton)	1	"
Round steel bar cutter	1	"
Trucks	4	Soviet Union
Ox-carts	4	Unknown

Functions and Personnel of Various Offices and Plants:

5. the total number of the workers of this factory was estimated at 1,235, including the factory Party and Trade Union workers. Of them, about 400 were female workers falling in the age bracket of 18 to 40. The ages of male employees ranged from 18 to 55. The following were the breakdown of the factory personnel by their jobs:

50X1-HUM

Administrative Workers (including plants chiefs)	56 person
Engineers	3
Associate Engineers	4
Assistant Engineers	68
Sub-Assistant Engineers	12
Workers' Chiefs	8
Grade-8 Skilled Workers	37
Grade-7 Skilled Workers	13
Grade-6 Skilled Workers	276
Grade-5 Skilled Workers	377
Grade-4 Skilled Workers	165
Grade-3 Skilled Workers	98
Apprentices	16
Miscellaneous Work Laborers	52
Medical Workers	5
Telephone Operators	3
Security Guards	25
Party Workers	12
Trade Union Workers	3

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

- 7 -

Youth League Workers	1
Women's League Workers	1
<u>Total</u>	1,235

50X1-HUM

6. [] the functions and approximate number of workers of each administrative office and production plant of this factory were as follows:
(For the organization structure, see attachment I.)

Manager: Charged with overall administration of the factory, the manager was responsible for fulfillment of production quotas. He was appointed by the Heavy Industry Commission.

Chief Engineers: There were two chief engineers, one in charge of technical affairs of the factory and the other in charge of production processes. The chief engineer in charge of technical affairs acted for the manager when the latter was absent. The chief engineer in charge of production processes was appointed [] for the first time, and it was then

50X1-HUM

said that the two chief engineer system was introduced from an advanced socialist country.

Deputy Managers: There were two deputy managers, one in charge of welfare activities for employees and management of factory residences, and the other in charge of receipt and supply of raw materials and sales of products.

Confidential Document Office: There was one confidential document officer in this office who was responsible for delivery and receipt of all outgoing and incoming official notes and for keeping file of important documents of the factory.

Laboratory: This laboratory was charged with experimenting various production processes including steel and iron casting. *It was manned by the chief, three assistant engineers, two sub-assistant engineers and 4 clerical*

Inspection Department: Staffed by the department chief, 10 assistant *workers.*

engineers, and four sub-assistant engineers, this department was charged with inspecting the quality of all products of this factory.

Production Directives Department: This department was charged with ~~xx~~ establishing the factory's production plans in accordance with the monthly national production quotas assigned to the factory, guiding production plants to accomplish their quotas, and making plans for production and repairs of various machines on the orders from other enterprises.

This department consisted of the department chief, a production director

C-O-N-F-I-D-E-N-T-I-A-L

V-F-I-D-E-N-T-I-A-L

- 8 -

- 8 -

"(an associate engineer), 11 production process instructors (10 assistant engineers and three sub-assistant engineers), and 30 transporting workers (grade-6: 3; grade-5: 12; grade-4: 12; grade-3: 3).

Engineering and Power Department: This department was charged with maintenance and repairs of all production means including electric power distribution. Staffed by the department chief, a facility manager (an assistant engineer), and three process instructors (assistant engineers), this department controlled and directed the Engineering and Power Plant."

Designing Department: This department was charged with designing all kinds of machines to be manufactured by this factory, in accordance with the factory's production quotas. This department was manned by the department chief, an associate engineer, eight designers (5 assistant engineers and 3 sub-assistant engineers), and eight apprentices.

Planning Department: This department was charged with establishing production plans by plant and by process in accordance with the overall production plans of the factory. It was staffed by the department chief, a planning worker (assistant engineer), and three instructors (assistant engineers).

Technical Department: This department was charged with technical guidance of production plants, improvement of production process, and technical training of workers. This department was staffed by the department chief, an engineer, two associate engineers, and 14 assistant engineers.

Engineering and Power Plant: Under the control of the Engineering and Power Department, this plant was engaged in maintenance and repairs of various production means of the factory, including power distribution. It was staffed by the plant chief, the motor repair workers' chief, the processing workers' chief, and the machine repair workers' chief, and consisted of the following work teams:

- a. Motor Repair Team: This team was charged with repairing electric motors of this factory and those brought from other enterprises for repairs. This team had a total of 29 workers (grade-8: 3; grade-6: 6; grade-5: 10; grade-4: 10).
- b. Electric Wiring Team: This team was charged with wiring and repairs of power lines of this factory. It had a total of 17 workers (grade-8: 1; grade-7: 1; grade-6: 6; grade-5: 10).
- c. Processing Team: This team was charged with producing various machine parts to be used for repairs of machines at this factory. It had a total of 31 workers (grade-8: 1; grade-6: 5; grade-5: 10; grade-4: 10; grade-3: 3; apprentice: 2).
- d. Machine Repair Team: This team was charged with repairing all machines of this factory and had a total of 25 workers (grade-8: 2; grade-7: 2;

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

- 9 -

grade-6: 12; grade-5: 9).

- e. Boiler Team: This team was charged with the operation of boilers for central heating of factory buildings and had a total of seven boilermen (grade-8: 1; grade-6: 5; grade-5: 1).
- f. Pipeline Team: This team was charged with maintenance and repairs of pipelines for central heating and water distribution, and had a total of 10 workers (grade-8: 1; grade-6: 3; grade-5: 6).
- g. Switchboard: Manned by three operators, this switchboard controlled all the telephones in the factory.

Lathe Plant: This plant was engaged in producing machine parts by processing cast or forged materials. It processed mine-tub axles, wheels, and cotter pins, as well as various parts of pumps, hoists, motors, cranes, and other mining machines. Supervised by the plant chief and six process instructors (assistant engineers), this plant operated with 92 lathe workers (grade-8: 2; grade-6: 30; grade-5: 20; grade-4: 16; grade-3: 24), three crane operators (grade-5 workers), seven boring machine workers (grade-7: 1; grade-6: 5; grade-5: 1), seven hobbing machine workers (grade-8: 1; grade-6: 3; grade-5: 2; apprentice: 1), six slotting machine workers (grade-6: 3; grade-5: 1; grade-4: 2), six face lathe workers (grade-6: 2; grade-5: 4), six turning machine workers (grade-6: 3; grade-5: 3), 30 shaper workers (grade-6: 15; grade-5: 10; apprentices: 5), six planer workers (grade-8: 1; grade-6: 2; grade-5: 3), 13 drilling machine workers (grade-6: 5; grade-5: 5; grade-3: 3), and six machine repair workers (grade-6: 3; grade-5: 3).

Assembling Plant: This plant was engaged in producing finished products by assembling various parts processed by the Lathe Plant. Supervised by the plant chief and two process instructors (assistant engineers), this plant operated with ~~skilled~~ 39 skilled workers (grade-8: 2; grade-7: 1; grade-6: 15; grade-5: 12).

Steel-Casting Plant: This plant was engaged in casting mine-tub axles and wheels as well as various parts of pumps, hoists, motors, cranes, and other mining machines. Supervised by the plant chief, three process instructors (assistant engineers), and three workers' chiefs, this plant comprised steel-casting and iron-casting fields. Working in the steel-casting field were 24 electric furnace workers (grade-6: 6; grade-5: 12; grade-4: 2; grade-3: 4), 30 casting workers (grade-8: 3; grade-7: 1;

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

- 10 -

grade-6: 6; grade-5: 10; grade-4: 5; grade-3: 5), 30 molding workers (grade-8: 3; grade-6: 10; grade-5: 5; grade-4: 5; grade-3: 7), six cutting workers (grade-6: 3; grade-5: 3), 10 transporting workers (grade-5: 2; grade-3: 8), 20 sand-removing workers (grade-3 workers), and three crane operators (grade-5 workers). Working in the iron-casting field were 24 cupola furnace workers (grade-7: 1; grade-6: 12; grade-5: 11), 10 gun metal furnace workers (grade-8: 1; grade-6: 3; grade-5: 6), 24 casting workers (grade-8: 2; grade-7: 1; grade-6: 10; grade-5: 5; grade-4: 3; grade-3: 3), 20 molding workers (grade-8: 1; grade-6: 6; grade-5: 10; grade-3: 3), 15 wooden-pattern makers (grade-8: 1; grade-6: 8; grade-5: 4; grade-4: 2), and 18 molding-sand mixing workers (grade-4 workers).

Forging Plant: This plant was engaged in producing various machine parts including bolts and nuts. Supervised by the plant chief, three process instructors (assistant engineers), and one workers' chief, this plant operated with 24 forging workers (grade-8: 2; grade-6: 10; grade-5: 12), two cutting workers (grade-5 workers), nine punch-press workers (grade-6: 3; grade-5: 4; grade-4: 2), 30 lathe workers (grade-5: 10; grade-4: 20), three electric welding workers (grade-6 workers), and three nut-punching workers (grade-5 workers).

Body-Making Plant: This plant was engaged in making main bodies of mine-tubs, tippers, cranes, and other mining machines. Supervised by the plant chief, three process instructors (assistant engineers), and one workers' chief, this plant operated with about 100 body-making workers (grade-8: 6; grade-7: 3; grade-6: 30; grade-5: 61), 20 assembling workers (grade-6: 5; grade-5: 5; grade-4: 10), 15 welding workers (grade-6: 9; grade-5: 6), three lathe workers (grade-5 workers), and 12 drilling machine workers (grade-5: 3; grade-4: 9).

Practicing Work Team: This team was engaged in actual manufacture of various machines and devices invented by the employees of this factory. This team was manned by two grade-8 workers, one grade-7 worker, five grade-6 workers, and nine grade-5 workers.

Workers' School: This school offered a two-year course for illiterate or non-educated workers of this factory raise their standard to the primary school graduate. About 50 workers were taught here by staff workers of this factory for about one to two hours every night, usually

C-O-N-F-I-D-E-N-T-I-A-L

- 112 -

starting at about 1700 hours. This school was managed by an instructor who was concurrently charged with the management of the technical school mentioned below.

Technical School: This school provided a one-year junior class and a one-year middle class for low-grade laborers of this school who wanted to take national examinations for the qualification of an assistant engineer or a sub-assistant engineer. The junior class consisted of about 100 students and the middle class also had about the same number of students. The classes were given for about two hours every night, and the curriculum consisted of Korean language, ^{mathematics} ~~arithmetic~~, mechanics, and English. English lessons were very limited and students were simply taught the alphabet and English names of various machines and parts. Lectures were given by the engineer and associate and ~~an~~ assistant engineers of the Technical Department of this factory.

Labor Wages Department: This department was charged with employment of workers and payment of labor wages. It was staffed by the department chief, an instructor, seven wage accountants, and four clerks.

Bookkeeping Department: Staffed by the department chief and five bookkeepers, this department was charged with financial affairs and bookkeeping of the factory.

Dispensary: Staffed by the chief (doctor), two associate doctors, one assistant, and one nurse, this dispensary was charged with treating sick workers of this factory.

Daily Necessities Production Plant: This plant was first established 50X1-HUM when the KLP started encouraging production of daily necessities at 50X1-HUM factories. Produced at this plant were buckets, fire-shovels, knives, padlocks, dustpans, axes, sickels, razor blades, etc., which were sold to national commercial organs. This plant was manned by the plant chief, 10 processing workers (grade-6: 1; grade-5: 9), 10 bucket makers (grade-5: 3; grade-4: 4; grade-3: 3), six padlock makers (grade-7: 1; grade-6: 2; grade-5: 3), 12 reverberatory furnace workers (grade-6: 2; grade-5: 8; grade-3: 2), and three tempering workers (grade-8: 1; grade-6: 2).

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

- 12 -

Supply Department: Manned by the department chief and two supply instructors, this department was charged with the distribution of labor protection materials and sidedish foodstuff, the cultivation of the factory farm (about 2 hectares), and the management of dormitory, sales store, mess hall, bathhouse, day nursery, barber shop, and tailor shop. It had a dormitory manager, a ~~sales~~ salesman, six cooks, 20 nurses, three boiler shop laborers, nine bathhouse workers, three farm laborers, two barbers, and two tailors.

Business Department: Manned by the department chief, nine clerks, and five escorts, this department was charged with receipt and supply of raw materials and sales of products. Under its control, there was the transportation plant employing a total of about 80 loading and unloading workers (grade-⁶ 10; grade-5: 30; grade-4: 30; grade-3: 10).

Administrative Accounting Department: Manned by the department chief and a responsible instructor in charge of factory residences, this department was charged with maintenance and allotment of factory residences and had under its control a construction team consisting of five carpenters (grade-6: 2; grade-5: 3) and 15 plasterers (grade-6: 3; grade-5: 7; grade-3: 5).

Security Guard Unit: Manned by the unit chief and 24 guards, this unit was charged with checking personnel and vehicles at both the main and rear gates of the factory. Some of them frequently patrolled the area of the factory compound day and night.

Factory Party Committee:

7. Of the factory workers, approximately 400 were Party members and one fourth of them was female. The factory Party committee was a junior-grade Party committee and was manned by the paid staff consisting of the chairman, two vice-chairmen, and two instructors. The chairman was appointed by the P'yŏngyang-si Party Committee, the vice-chairmen by the Sadong-guyŏk Party Committee, and the instructors by the factory Party chairman with the approval of the Sadong-gyŏk Party Committee. Under the control of the factory Party committee, there was the Cultural Department which was charged with dissemination and propaganda of Party policies and guidance of cultural life and recreation of workers. The cultural department was staffed by the department chief and three members and supervised the library manned

C-O-N-F-I-D-E-N-T-I-A-L

- 13 -

by a librarian and the printing shop manned by two printing workers. The department was also charged with publication of the factory newspaper "Pyök" (the Wall). The factory Party committee guided and directed the activities of the factory Trade Union, Democratic Youth League, and Women's League. The factory Trade Union was operated by the chairman, a vice-chairman, and a physical training instructor, and the Democratic Youth League and the Women's League by their respective chairmen only.

Treatment of Workers

8. The following were the monthly salaries of the personnel of this factory

50X1-HUM

<u>Title</u>	<u>About</u>
Manager	120 wōn
Chief Engineer	120 "
Deputy Manager	80 "
Departmental Chief	60 - 70 "
Engineer	60 - 70 "
Associate Engineer	58 - 65 "
Assistant Engineer	53 - 58 "
Sub-Assistant Engineer	48 - 53 "
Clerk	45 - 48 "
Plant Chief	58 - 65 "
Workers' Chief	48 - 53 "
Skilled Worker, Grade-8	55 "
" " , Grade-7	48 - 53 "
" " , Grade-6	42 - 48 "
" " , Grade-5	39 - 42 "
" " , Grade-4	32 - 36 "
" " , Grade-3	32 "

9. The laborers of this factory received the free distribution of labor protection materials as follows:

a. Heavy Laborers: (furnace, welding, and rolling workers).

Work clothes	1 suit/yearly
Work shoes	4 pairs/yearly
Fish	5 kg/monthly
Pork	1 kg/monthly

C-O-N-F-I-D-E-N-T-I-A-L

- 15 -

Carbonated water	1 lt/daily
Bean oil	2 lt/monthly
Cotton gloves	1 pair/monthly

b. Light Laborers

Work clothes	1 suit/yearly
Work shoes	2-3 pairs/yearly
Cotton gloves	1 pair/monthly

Ground Plan:

10. The following are the explanations to the ground plan of this factory:

(See sketch attachment II.)

- a. Dispensary: ~~Амбулатория~~ A single story wooden building measuring approximately six meters long, five meters wide, and four meters high.
- b. Manager's Office Building: A two-story brick building, approximately 12 meters long, 10 meters wide, and eight meters high. The first floor was occupied by the Labor Wages Department, the Bookkeeping Department, the Workers' School, and the Technical School, and the second floor by the manager's office, the confidential document office, and the history research office.
- c. Bathroom Building: A single story wooden building, approximately 15 meters long, 10 meters wide, and five meters high. This building was used for a bathroom, a barber shop, and the branch office of the Labor Wages Department.
- d. Boiler Shop: A single story wooden building, approximately 10 meters long, eight meters wide, and seven meters high.
- e. Office Building: A single story wooden building, approximately 10 meters long, five meters wide, and four meters high. This building was allotted for the deputy managers' office, the supply department, the administrative accounting department, the business department, and the printing shop.
- f. Day Nursery: A single-story brick building, approximately 20 meters long, eight meters wide, and five meters high.
- g. Party Office Building: A single story wooden building, approximately 12 meters long, five meters wide, and five meters high. This building was occupied by the factory Party committee, Trade Union and the Democratic Youth League.

C-O-N-F-I-D-E-N-T-I-A-L

- 15 -

- brick
- h. Guard Office: A single story ~~wooden~~ brick building, approximately 19 meters long, five meters wide, and four meters high.
- i. Mess Hall Building: A single story wooden building, approximately 20 meters long, 10 meters wide, and five meters high. This building was used for the mess hall and the workers' club.
- j. Processing Shop, Engineering & Power Plant: A single story wooden building, approximately 15 meters long, eight meters wide, and five meters high.
- k. Steel-Casting Plant Office: A single story wooden building, about eight meters long, five meters wide, and four meters high.
- l. Daily Necessities Production Plant: A single story brick building, approximately 30 meters long, eight meters wide, and six meters high.
- m. Office Building: A two-story concrete building, approximately 12 meters long, 10 meters wide, and eight meters high. The first floor was allotted for the laboratory, the women's dressing room, and the offices of the Planning Department, the Production Directives Department, and the Women's League Committee. The second floor was occupied by the chief engineers, the Designing Department, and the Technical Department.
- n. Steel-Casting Plant: A single story concrete building, approximately 30 meters long, 10 meters wide, and seven meters high.
- o. Forging Plant: A single story wooden building, approximately 30 meters long, eight meters wide, and five meters high.
- p. Boiler Shop: A single story concrete building, approximately eight meters long, eight meters wide, and six meters high.
- q. Assembling Plant: A single story wooden building, approximately 20 meters long, eight meters wide, and five meters high.
- r. Lathe Plant: A single story brick building, approximately 30 meters long, 10 meters wide, and seven meters high.
- s. Body-Making Plant Office: A single story brick building, about 20 meters long, five meters wide, and five meters high.
- t. Body-Making Plant: A L-shaped steel frame building measuring about 15 meters long on one side and 10 meters long on the other, eight meters wide, and six meters high.
- u. Open Storage: Measured approximately 100 meters long and 80 meters wide. Steel plates, steel bars, molding sand, and coal were piled up here.

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- v. Motor Repair Shop, Engineering & Power Plant: A single story concrete building, approximately 15 meters long, eight meters wide, ~~six~~ and five meters high.
- w. Compressor Shop: A single story concrete building, approximately eight meters long, eight meters wide, and six meters high.
- x. Forging Plant Office: A single story wooden building, approximately 10 meters long, eight meters wide, and five meters high.
- y. Warehouse: A single story brick building, approximately 30 meters long, 10 meters wide, and seven meters high. Stored in this warehouse were labor protection materials, raw materials, and finished products.

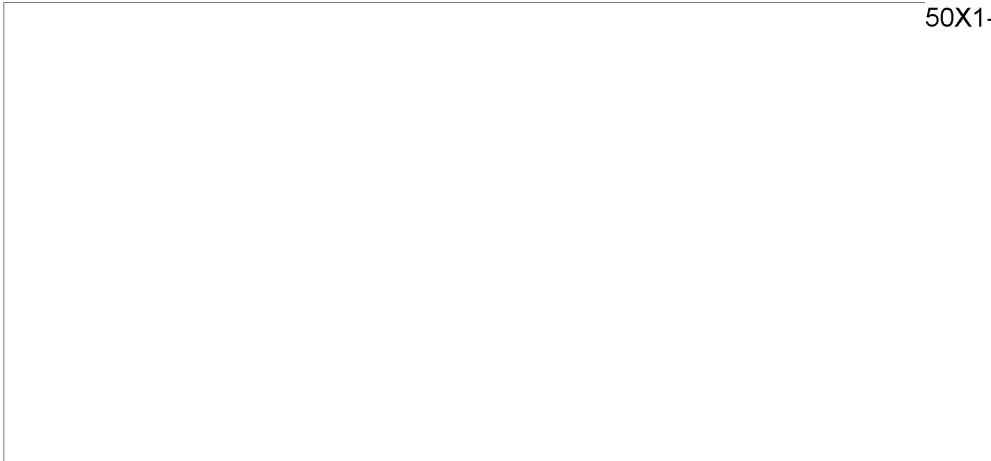
Personality Information:

11. 1) a. Name: CHŌN Ch'un-sŏp (nta)



50X1-HUM

b. Position: Chief Engineer (in charge of production), P'yŏngyang Coal Mining Machine Factory.



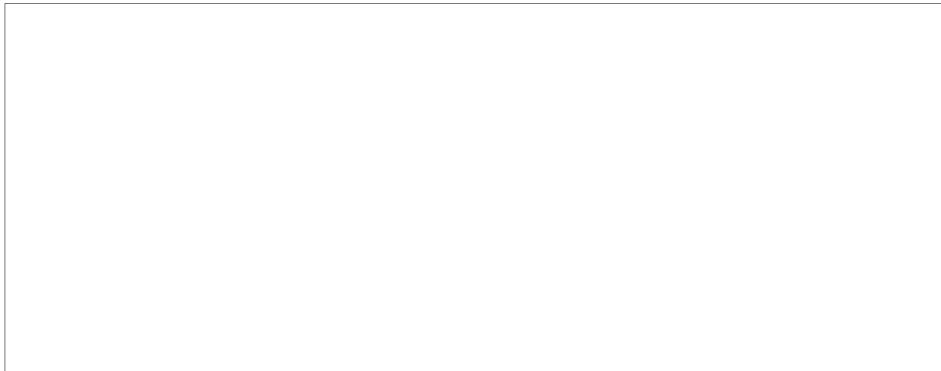
50X1-HUM

2) a. PAK Yong-kwŏl (nta)



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b. Chairman, Trade Union, P'yŏngyang Coal Mining Machine Factory.



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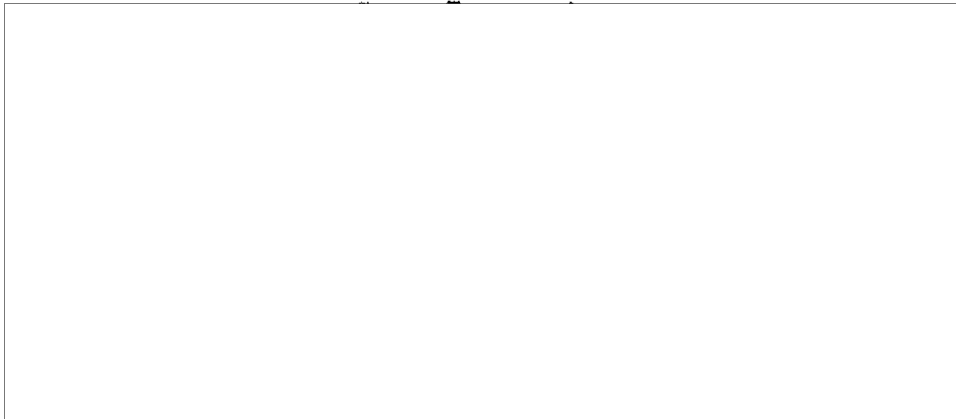
3) a. **CH'A Hŭi-sul 2 (nta)**



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b. **Party Committee Chairman, P'yŏngyang Coal Mining Machine Factory.**

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Attachment I

Organizational Structure of P'yŏngyang Coal Mining Machine Factory
(Number of Personnel in parentheses)

Manager (1)

