

*4 copies**at*

19 May 1947

SUBJECT: Application for permission to enter reparations plant
TO : Headquarters, Aichi Military Government Team
THROUGH: The Japanese Liaison Office, Nagoya
FROM : Aichi-ken Denryoku Kyokai
(Associations of Electric Engineers of Aichi Prefecture)
c/o Industry Section, Economic Department,
Aichi Prefectural Government.

1. With view to understand the present situation of electric powers to all members of the association, we are going to inspect and study the Meiko Steam Electric Power Station from 1300 to 1600 hours on 9 June, 1947.

2. Attendants of this inspection are Mr. Matsuzo Torii and 243 members of the association, list of which attached herewith.

3. The Headquarters, Aichi Military Government Team is requested to be good enough to grant approval to the subject application at an early date.

.....
NORIFUMI KUMAGAI
Chief of Industry Section
Director of the Association

Y. Kumagai

Encl: 1 List of attendants

at

List of Attendants of Inspection of The Meiko Steam Electric Power Station

YAHACHI KURODA	KUMATARO HAYASHI	WAHBI NAKAMURA
FUJIO YAMAGISHI	OSAMU HANAOKA	INAJIRO ONO
ISAMU TSUCHIYA	YO YANAGI	YOSHIAKI HASEGAWA
TAKOTSU KAWAGUCHI	SHINICHI KIMANO	TOSHIKI GOTO
TAKACHI MIBONO	SAKICHI KAWAGUCHI	MASAKIYO INUMAI
KIJU ITO	JUNJI MAMIYA	FUSAKICHI NAKANO
TATSUJIRO SUZUKI	KANICHI KOZUKA	ISAMU SATO
SHUNICHI SASAKI	YASUYOSHI WATANABE	MINAMOTO TAKAGI
MASAO ITO	NOBU KONDO	KAZUYA HAYASHI
KEIGORO ITO	YOSHINAO SAHASHI	MINORU KIDO
TAKEHIRO MASUDA	KIKKI KIYOSHI AKIYAMA	TOSHIICHI KIMURA
SUREYUKI SANO	SAZO SAKAI	NORIYUKI OHARA
KENJI FURAHASHI	MASAHARU YOSHIDA	KAKUJI MIZUTANI
SUTEMATSU MIZUNO	CHIZO KAKEDA	TADAKATSU HASHIMOTO
TERUKATA WANDA	KAZUO MIYAGAWA	KENICHI HORIE
TADAQ INOUE	KENICHI TOYOSHIMA	MANSAKU SAKAI
REITA SHIBAYAMA	BUNJI KONAI	MASAICHI SUZUKI
AKIRA HIRONAKA	GENZABURO FUJII	SHIZUO IWASAKI
KUNICHI MATSUMOTO	KINJI WAKIDA	TOMIO SHIMIZU
KUNIO MITO	SEIJI IKUTA	KANEI HORI
SHIGENOBU OBARA	MASARO SUZUKI	SUSUMU INOUE
TADATOSHI ANAZUMA	YOSHIYUKI TAJIRE	YUKIO HOSHIA
NOBORU YAMAMOTO	KYUKICHI ITO	TAKAYUKI YAMADA
NOBUMI KONDO	PAKAICHI KINOSHITA	MASATSUGU YAMADA
MINORU IMA	KOICHIRO GOTO	AKIO SATO
KIYOSHI SAKANO	YOSHIJI OTA	SEKIICHI TERANISHI
EIJI KOBAYASHI	JUN NODA	HIROMITSU OKANE
EIJIRO KONDO	KAN KUNIWAKE	TOKUYOSHI KAJI
OSAMU YOSHIZUMI	TORIHICO YANAGASE	ASAYOSHI NEMURA
JYUJO KOBAYASHI	KIYOHARU MIURA	YOSHINAO KIMURA
KATSUMI URASHI	CHOJI HAYASHI	SHINICHI KONO
KEIZO SHIMIZU	RYOJI MATSUURA	TADASHI SUGIWARA
TATSUTOSHI MAEDA	SHUJIRO MIURA	YUKIO ISHIMURA
ICHIRO OKITSU	SEIJI SUMIDA	MICHIHIKO HIRABAYASHI
JYOICHI MINOURA	ISABURO ASHIZAWA	KATSUMI NAKAGAWA
SABURO OGASAWARA	KAZU HAYAKAWA	HIDEO MATSUDA
NOBUO KANEIYA	TAMIO UMEGAWA	TOICHI ITO
CHIZO MIYASE	JUN ITO	TATSUO MURAKAMI
IWAQ TATANO	HIROSHI TERAMACHI	KENICHI ITO
TAKEO FURUI	KUMESABURO MIYAHAYASHI	TOZABURO NOSOGUCHI
MIZUHO SHIMIZU	KENICHIRO YOKOTA	HARUJI ITO
SHOTARO KOKADO	KIYOHIRO OGASAWARA	MASAHICO EDANI
UBEO TAKEMANA	TERUO NAKAGAWA	MASAO ISHIDA
JUNJI EBA	TOSHIO KAJITA	KAIZO TERANISHI
HAJIME WATANABE	HIROSHI NIWA	MASAYUKI ITO
KATSUO KATAGAKI	HARUO ONO	SOJI KATO
KOZO KURODA	MORITADA OYA	ISAMU ANDO
NENOSUKE KOBAYASHI	ICHIRO HIRAMATSU	TOSHIO HIRAIWA
YOSHIAKI NOGITA	MASAO SATO	MINORU TERAMOTO
KINSAKU TAKAHASHI	SHUICHI HATTORI	KAZUO MIWA
KATSUHIDE IWANAGA	TOKUZO ARAKI	HAJIME KATO
MITSUO SAYA	TAKEO HAYASHI	KANJI HAYASHI
MINORU TSUBEDA	HIROSHI ISHIDA	SHIZUME NAGATA
MORIEO IMAKAWA	KANEMATSU TAKAGI	WAKISAKU OKUMURA
TOSHIO ISHII	ETSUO FUKUYASU	KIKUO KOHARA
TOKICHI GONNA	MINORI YOSHIYASU	SUMIO MIZUNO
PANETARO MORI	YOSHIEO YONEYAMA	KOICHI TANIGUCHI
NAKITARO KATO	SHIGERU YOSHIKAWA	YUKIO IWAMURO
TATSUO AOYAMA	YASUO MIZUNO	KANEJI HIRADE
MASAO HIRANO	YOSHIAKI SATO	HIROMI YAMADA

SHOICHI ITO
SADAO ASANO
HACHIRO FUJII
KAZUO KAWASHIMA
TADASHI TERADA
KO SAKAKIBARA
YASUWARO YAMAMORI
KAZUZO HASEGAWA
YUKIE NISHIMURA
FUJIIICHI KATO
TAKEO HATTORI
AKIRA TANAKA
MITSUBI OKUBO
NOBUAKI TSUZUKI
HIROSHI KIDO
ISAMU HAYASHI
RYOICHI KATO
OSAMU NAGAI
KINJU YUMIYA
SHOZO MIWA
AKIRA TANEMURA

SHINICHI OKUMURA
KAZUTOSHI HONDA
MITSUTADA KUSE
KIYOSHI HAGIWARA
HIDEHAKI YOKOTA
GUNJI IWATA
SHOICHI SUDA
SUSUMU NAGAI
SUSUMU MIZUNO
KOICHI HAMADA
GENJIRO YAMASHITA
YOSHIZI HAYASHI
AKINORI ONO
MINORU OKAMOTO
HIDEO KAMIYA
HIROSHI IWATSUKI
MISAKI TAJIMA
TADASHI IMAI
HIROSHI YOSHIMOTO
NOBORU HASEGAWA
AKIRA NAKAOKA

KUNIAKI MURASE
YOSHIIICHI KANAZAWA
KAZUO TANAKA
NAOMI TAKAGI
TAKAYUKI IMAI
EIICHI TAKEUCHI
CHUKICHI NIGORIKAWA
NOBORU NIWA
NOBUHIKO KANEKO
KANRYOSHI NOMURA
NOBUHIGE ASAI
HIROYASU HORIUCHI
KAZUO KIDO
TOSHIYUKI NODA
HIROO YAMADA
RYOICHI HASHIMOTO
MITSUOKI ISHIKAWA
HIROSHI OZAWA
SHINICHI GOTO
TOKIMASA IMAI
EIICHI OKUBO

HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 U. S. ARMY

EFJ/ek

13 May 1947

SUBJECT: Temporary Use of Reparations Machinery

TO : Commanding Officer, Tokai-Hokuriku
Military Government Region, APO 710
ATTN: Res, Comm & Ind Section

1. Transmitted herewith in quintuplicate is an application from the Nagoya Stevedoring Co. Ltd. to make temporary use of a coal crane of the OD-5 (01-88) Maiko plant of the Nippon Haseiden K.K. pending removal under the reparations program.

2. The present facilities for unloading barges that are carrying imported cargoes from incoming ships are entirely inadequate and the Stevedoring Company believes that by the use of the large coal crane of Nippon Haseiden K.K. the capacity for daily unloading can be increased by 1500 tons.

3. A careful investigation by this headquarters indicates that the area and crane can be used with proper precautions in such a way as not to interfere with the custody of the reparations plant. Inasmuch as the Shipping Officer of this headquarters urges the need for speedier unloading of incoming ships this headquarters recommends approval of this application.

FOR THE COMMANDING OFFICER:

1 Incl:
1 Application
(5 copies)

ROBERT W. HUTNERSON
Capt GHP
Adjutant

Nagoya Koun Kaisha, Ltd.
(Nagoya Stevedoring Co., Ltd.)
Kaigan-Dori, Minatoku,
Nagoya, Japan.

Nagoya, 30th April, 1947.

To: Aichi Military Government Team.
Through: Liason Office, Aichi Prefecture.
Subject: Petition for the permission of using the coal-crane of
the Meiko Hatsudensho of Nippon Hassoden Kaisha, (West
Power Plant of Nagoya Harbor)

Sir,

Now, the whole facilities of unloading barges, especially phosphate rock, including Government Railway's Coal-Crane and East Power Plant's Coal-Crane, are not sufficient enough to get empty barges to supply to the ships for discharging more than 1,500 (Fifteen hundred) tons of cargoes in a day.

If we have empty barges enough to discharge cargoes from ships, we are able to discharge more than 2,500 (Twenty five hundred) tons of cargoes in a day, as our past records show .

The only remaining means to get more empty barges is, we think, to use the coal-crane of the Meiko Hatsudensho of Nippon Hassoden Kaisha, (West Power Plant) to unload the cargoes from barges onto ground.

The facility of the above mentioned crane is believed to be, at least 1,500 (Fifteen hundred) tons in a day, carrying 3 (Three) tons by one hold, and the ground being spacious enough to pile up more cargoes of 50,000 (Fifty thousand) tons.

The plant is in the list of Japanese reparation and we hereby ask your permission of using the crane of that plant to unload the cargoes, especially phosphate rock, from barges onto ground.

Yours faithfully,

Nagoya Koun Kaisha, Ltd.
(Nagoya Stevedoring Co., Ltd.)

J. Povis

Managing Director.

Thermal Electric Power Plants

THERMAL ELECTRIC POWER PLANTS

These plants were taken into custody and inventoried in accordance with War Department radio from the Joint Chiefs of Staff to Supreme Commander for the Allied Powers, dated 16 June 1946.

This catalog contains data for the following plants:

<u>Name of Plant</u>	<u>Authorized Capacity KW</u>	<u>Percent of estimated total for industry</u>
Ajikawa	16,000	.8
Ebetsu	37,500	1.9
Kizugawa	63,000	3.2
Matsue	14,000	.7
Meiko	138,000	6.9
Miyazu	13,000	.7
Saijo	32,000	1.6
Shimizu	20,000	.1
Tokushima	10,000	.5
Toyama	10,000	.5
Ube-nishi	14,000	.7
**Tsurumi	178,500	9.0

Thermal electric power plants listed in this catalog are a part of the public utility system and use coal as the source of power. This list does not cover any electric generating plants using water or internal combustion engines as a source of power. Neither does it include thermal electric power plants known as "CAPTIVE" which are a part of a private manufacturing concern located either within or adjacent to the factory or in

its near vicinity.

This catalog presents significant data on the thermal electric power plants that have been made available for interim reparations claim. Data presented for individual plants are designed to supply engineers of the several claimant nations with general information which will serve as a guide in the preliminary selection of plants considered as suitable for reparations claims. Conversely it will serve as a basis for the elimination of plants that are of no interest.

It is believed that this catalog will effect economies in the expenses of the several claimant nations by reducing both the number of plants to be visited and the number of engineers required for examination of plants of probable interest.

The information presented combines statistical data supplied by the Imperial Japanese Government, and engineering data collected by officers assigned to General Headquarters, Supreme Commander for the Allied Powers. Every reasonable precaution has been taken to assure substantial accuracy.

Small items of equipment, such as motors under 50 HP, have been omitted from the data presented even though in the aggregate the total amount of such equipment is of considerable magnitude. They are, however, to be considered as a part of the plant.

Items of equipment listed under Auxiliary Equipment are integrated parts of the equipment to which they refer and are not to be considered as additions to it; i.e., motors shown with the notation "ball mill pulverizers" following the size description are a part of the stoker and pulverizing equipment and not

spare or additional motors.

Plant data are arranged by size of plant based on authorized capacity, beginning with the largest plant.

Transformers and switching equipment, both indoor and outdoor, which has been listed as plant equipment may be exempted from removal at the discretion of Supreme Commander for the Allied Powers in order to maintain operation of the Japanese electric power transmission and distribution system.

Additional authorized plant capacity of approximately 825,000 KW will be available for interim reparations as a supplement to this list.

Equipment listed that is not a part of plant equipment or that is the property of separate distribution companies is not available for reparations.

A definition of the terms and abbreviations used follow the data for the last plant included in this catalog.

** This plant is capable of division into two substantially equal parts.

THERMAL ELECTRIC POWER PLANTS

Authorized Capacity: This is the continuous rating of the plant.

Actual Capacity: The net power that can be generated after station power has been deducted under the following conditions:

- a. If there are ten or less boilers one is considered a spare.
- b. If there are more than ten boilers two are considered as spares.
- c. If there is more than one steam pressure one boiler for each steam pressure is considered as a spare.

LIST OF ABBREVIATIONSMANUFACTURERS

A.E.G.	- Allgemeine Electricitaets Gesellschaft
B.B.C.	- Brown Boveri & Co.
B & W	- Babcock & Wilcox, Ltd.
E.E.	- English Electric Co.
G.E.	- General Electric Co.
H.	- Hitachi Mfg. Co.
I or I.S.	- Ishikawajima-Shibaura Turbine Co. Ltd.
M.	- Mitsubishi Electric Machine Co.
M.D.	- Meidensha
M.K.	- Mitsubishi Electric Machine Co., Kobe Works
M.V.	- Metropolitan-Vickers Electrical Co. Ltd.
S.E.W.	- Tokyo-Shibaura Electric Co., Ltd.
S.S.	- Siemens-Schuckertwerke A.G.
W.H.	- Westinghouse Electric & Mfg. Co.

TECHNICAL TERMS

Amp	- Amperes
Co.	- Centigrade
Cal	- Calories
C.G.	- Chain grate stoker
Cm ²	- Square centimeters
Combust	- Combustion
Econ	- Economizer
Evap	- Evaporation
Freq	- Frequency in cycles
Imp	- Impulse
Kg	- Kilograms
KV	- Kilovolts

KVA	- Kilovolt Amperes
KW	- Kilowatts
Ljung	- Ljungstroom
Mfg	- Manufacturer
MG	- Motor generator
MT/Hr	- Metric tons per hour
P.F.	- Pulverized fuel
Press	- Pressure
Reac	- Reaction
RPM	- Revolutions per minute
Sect	- Sectional
Temp	- Temperature
U.F.	- Underfed stoker
Vert	- Vertical

LOC. V-C-10

No. 42003-311

Name of Steam Electric Station
MEIKO

Address
Nagoya-shi, Minato-ku, Isshu-cho

Authorized Capacity
138,000 KW

Actual Capacity, September 1946
125,000 KW

GENERAL

This plant has been well maintained and the equipment is in first class operating condition.

1. Steam Turbine Specifications.

Type	No. of Units	Capacity KW	Press Kg/Cm ²	Temp C°	RPM	Mfg	Year Mfg
Imp	1	57,440	40	435	1,800	M	1938
Imp	1	59,680	40	435	1,800	M	1939
Imp	1	59,680	40	435	1,800	H	1939
Imp	1	3,510	40	435	1,800	M	1938

No. 1 and No. 2 are bled on the 10th and 14th stages high pressure and the 1st and 3rd stages low pressure. No. 3 is bled on the 6th, 10th, and 16th stages high pressure and the 2nd stage low pressure.

Total Hours in Service

Period	No. 1 57,440 KW	No. 2 59,680 KW	No. 3 59,680 KW	No. 4 3,510 KW
1938-45	16,964	16,075	5,434	17,861

2. Generator Specifications.

Capacity KVA	No. of Units	Power Factor	Voltage	Freq	RPM	Mfg	Year Mfg
62,500	2	0.8	13.2 KV Y	60	1,800	M	1938
4,290	1	0.7	3.5 KV Y	60	1,800	M	1939
62,500	1	0.8	13.2 KV Y	60	1,800	H	1939
4,290	1	0.7	3.5 KV Y	60	1,800	H	1939
4,290	1	0.7	3.5 KV Y	60	1,800	M	1938

Generators same hours in service as turbines.

3. Boiler Specifications.

Type	No. of Units	Evap MT/Hr	Press Kg/Cm ²	Temp C°	Heating Surface M ²				Com	Mfg	Year
					Boiler	Super Heater	Econ	Pre-Heater			
Sect	3	112	43.5	457	900	980	1,800	5,600	P.F.	M	1938
Sect	3	112	43.5	457	900	1,080	1,800	5,600	P.F.	M	1939

Total Hours in Service

Period	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
1938-45	16,235	16,356	16,040	13,949	11,612	9,062

With all six boilers in service full capacity of 150,000 KW can be generated. With one boiler as a spare 125,000 KW can be generated. The boilers were designed for coal with a heat value of 6,000 Cal/Kg. With the present coal (5,500 Cal/Kg.) the thermal efficiency is 3,850 Cal per KWH.

Incl 3²

LOC. V-C-10

No. 42003-311

4. Coal Handling Equipment, 250 MT/Hr (by water).
 - a. Gantry crane with cantilever and short inclined conveyor, in gantry, span 17 M long.
 - b. Horizontal conveyor, 48 M long.
 - c. Main inclined conveyor, 143 M long.
 - d. Horizontal conveyor, 185 M long.
 - e. Gantry crane, span 82 M.
 - f. Two conveyors, 100 M long.
5. Pulverizing Equipment.
 - a. Eighteen ball mill pulverizers, 8 MT/Hr each, three to each boiler.
6. Outdoor Switchyard.
 - a. Main power transformers.
 - (1) Three - 77, 73.5, 70 KV/12.6 KV, 63,000 KVA, 3 phase, 60 cycle self cooled.
 - b. Oil circuit breakers.
 - (1) One - 110 KV, 2,000 Amp.
 - (2) Ten - 110 KV, 800 Amp.
7. Switchboard Room
 - a. Fifteen panels.
8. Auxiliary Equipment.
 - a. Motors, 3.3 KV, 3 phase.
 - (1) Six - 1,025 HP, feed water pumps.
 - (2) Two - 600 HP, condenser circulating water pumps.
 - (3) Four - 580 HP, condenser circulating water pumps.
 - (4) Twelve - 450 HP, induced draft fans.
 - (5) Twelve, 200 HP, forced draft fans.
 - (6) Eighteen - 200 HP, ball mill pulverizers.
 - (7) Two - 150 HP, condensate pumps.
 - (8) Four - 140 HP, condensate pumps.
 - (9) Eighteen - 100 HP, ball mill exhausters.
 - b. House transformers.
 - (1) Two - 80.5, 77, 73.5, 70 KV/3.45 KV, 5,000 KVA, 3 phase, 60 cycle self cooled.

COPY

T. L. Higgin Hassoden

OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION

1. Steam Turbines

Identifying Mark	Description of Equipment
S.T. 1	57,440 KW M 1938 No.1
S.T. 2	59,680 " M 1939 No.2
S.T. 3	59,680 " M 1939 No.3
S.T. 4	3,510 " M 1938 Pt. 1A

2. Generators

Identifying Mark	Description of Equipment
Gen. 1	62,500 KVA M 1938 No.1
Gen. 2	62,500 " M 1938 No.2
Gen. 3	4,290 " M 1939 No.2. House
Gen. 4	62,500 " M 1939 No.3
Gen. 5	4,290 " M 1939 No.3 House
Gen. 6	4,290 " M 1938 No.1 House

3. Boilers

Identifying Mark	Description of Equipment
Bo. 1	112 MT/Hr M 1938 No.1
Bo. 2	112 MT/Hr M 1938 No.2
Bo. 3	112 MT/Hr M 1938 No.3
Bo. 4	112 MT/Hr M 1939 No.4
Bo. 5	112 MT/Hr M 1939 No.5
Bo. 6	112 MT/Hr M 1939 No.6

4. Coal Handling Equipment

Identifying Mark	Description of Equipment
C.H. 1 <i>unloader</i>	Gantry crane with cantilever and short inclined conveyor, in gantry, span 17 M long.
C.H. 2 <i>no. 3. 4</i>	Horizontal conveyor, 48 M long. 2-56 M long
C.H. 3 <i>no. 7. 8</i>	Main inclined conveyor, 143 M long. 2-147 M long
C.H. 4 <i>no. 5. 6</i>	Horizontal conveyor, 185 M long. 2-308.5 M long
C.H. 5 <i>Transporter</i>	Gantry crane, span 82 M long.
C.H. 6 <i>no. 1. 2</i>	Conveyor, 100 M long. 2-56 M long
C.H. 7 <i>no. 9. 10</i>	" 100 M long. 2-122 M long

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COPY

OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
(continued)

5. Pulverizing Equipment

Identifying Mark

Description of Equipment

Identifying Mark	Description of Equipment
P. 1	Ball mill pulverizer, 8 MT/Hr A
P. 2	" " " " B No.1
P. 3	" " " " C
P. 4	" " " " A
P. 5	" " " " B No.2
P. 6	" " " " C
P. 7	" " " " A
P. 8	" " " " B No.3
P. 9	" " " " C
P. 10	" " " " A
P. 11	" " " " B No.4
P. 12	" " " " C
P. 13	" " " " A
P. 14	" " " " B No.5
P. 15	" " " " C
P. 16	" " " " A
P. 17	" " " " B No.6
P. 18	" " " " C

6. Outdoor Switchyard

Identifying Mark

Description of Equipment

Identifying Mark	Description of Equipment
S.Y. 1	77 KV/12.6 KV 63,000 KVA No.1 MT.
S.Y. 2	77 " " 63,000 " No.2 "
S.Y. 3	77 " " 63,000 " No.3 "
<i>differs</i> S.Y. 4	110 KV 2,000 Amp Bus Tie OCB
S.Y. 5	110 800 " No.1 MT. acb
S.Y. 6	110 800 " No.2 "
S.Y. 7	110 800 " No.3 "
S.Y. 8	110 800 " No.1 H.T. "
S.Y. 9	110 800 " 完塔 #1 "
S.Y. 10	110 800 " " #2 "
S.Y. 11	110 800 " 熟田 #1 "
S.Y. 12	110 800 " " #2 "
S.Y. 13	110 800 " 名火 #1 "
S.Y. 14	110 800 " " #2 "

OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
(continued)

7. Switchboard Room

Identifying Mark	Description of Equipment
S.B. 1	Panels No.1 M.G.
S.B. 2	" No.2 M.G.
S.B. 3	" No.3 M.G.
S.B. 4	" No.1 H.G.
S.B. 5	" No.2 H.G.
S.B. 6	" No.3 H.G.
S.B. 7	" 岩塚 #1.2 送電機盤
S.B. 8	" 松田 #1.2 "
S.B. 9	" 名火 #1.2 "
S.B. 10	" No.1 M.G. Reg.
S.B. 11	" No.2 " "
S.B. 12	" No.3 " "
S.B. 13	" No.1 H.G. Reg.
S.B. 14	" No.2 " "
S.B. 15	" No.3 " "

8. Auxiliary Equipment

Identifying Mark	Description of Equipment
No.1 Aux. 1	1,025 HP, feed water pumps
" 2	1,025 HP, " " "
" 3	1,025 HP, " " "
" 4	1,025 HP, " " "
" 5	1,025 HP, " " "
" 6	1,025 HP, " " "
No.3 { B Aux. 7	600 " , condenser circulating water pump-
" { A Aux. 8	600 " " " " ps
No.2 { B Aux. 9	580 " " " " "
" { A Aux. 10	580 " " " " "
No.1 { B Aux. 11	580 " " " " "
" { A Aux. 12	580 " " " " "
No.1 B { A Aux. 13	450 " induced draft fans
" { B Aux. 14	450 " " " "
No.2 B { A Aux. 15	450 " " " "
" { B Aux. 16	450 " " " "
No.3 B { A Aux. 17	450 " " " "
" { B Aux. 18	450 " " " "
No.4 B { A Aux. 19	450 " " " "

COPY

OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
(continued)

8. Auxiliary Equipment (Continued)

Identifying Mark	Description of Equipment
No. 4 B ¹ B	Aux. 20 450 HP, induced draft fans
No. 5 B ¹ A	Aux. 21 450 " " " "
No. 5 B ¹ B	Aux. 22 450 " " " "
No. 6 B ¹ A	Aux. 23 450 " " " "
No. 6 B ¹ B	Aux. 24 450 " " " "
No. 1 B ¹ A	Aux. 25 200 " forced draft fans
No. 1 B ¹ B	Aux. 26 200 " " " "
No. 2 B ¹ A	Aux. 27 200 " " " "
No. 2 B ¹ B	Aux. 28 200 " " " "
No. 3 B ¹ A	Aux. 29 200 " " " "
No. 3 B ¹ B	Aux. 30 200 " " " "
No. 4 B ¹ A	Aux. 31 200 " " " "
No. 4 B ¹ B	Aux. 32 200 " " " "
No. 5 B ¹ A	Aux. 33 200 " " " "
No. 5 B ¹ B	Aux. 34 200 " " " "
No. 6 B ¹ A	Aux. 35 200 " " " "
No. 6 B ¹ B	Aux. 36 200 " " " "
No. 1 B ¹ A	Aux. 37 200 " ball mill pulverizers
No. 1 B ¹ B	Aux. 38 200 " " " "
No. 1 B ¹ C	Aux. 39 200 " " " "
No. 2 B ¹ A	Aux. 40 200 " " " "
No. 2 B ¹ B	Aux. 41 200 " " " "
No. 2 B ¹ C	Aux. 42 200 " " " "
No. 3 B ¹ A	Aux. 43 200 " " " "
No. 3 B ¹ B	Aux. 44 200 " " " "
No. 3 B ¹ C	Aux. 45 200 " " " "
No. 4 B ¹ A	Aux. 46 200 " " " "
No. 4 B ¹ B	Aux. 47 200 " " " "
No. 4 B ¹ C	Aux. 48 200 " " " "
No. 5 B ¹ A	Aux. 49 200 " " " "
No. 5 B ¹ B	Aux. 50 200 " " " "
No. 5 B ¹ C	Aux. 51 200 " " " "
No. 6 B ¹ A	Aux. 52 200 " " " "
No. 6 B ¹ B	Aux. 53 200 " " " "
No. 6 B ¹ C	Aux. 54 200 " " " "
No. 3 B ¹ B	Aux. 55 150 " condensate pump "
No. 3 B ¹ A	Aux. 56 150 " " " "

OUTLINE OF MAIN UNITS OF EQUIPMENT
 TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
 (continued)

8. Auxiliary Equipment (Continued)

Identifying Mark		Description of Equipment
No. 2	B Aux. 57	140 HP, condensate pumps
	A Aux. 58	140 " " "
No. 1	B Aux. 59	140 " " "
	A Aux. 60	140 " " "
No. 1 B	A Aux. 61	100 " ball mill exhausters
	B Aux. 62	100 " " " "
	C Aux. 63	100 " " " "
No. 2 B	A Aux. 64	100 " " " "
	B Aux. 65	100 " " " "
	C Aux. 66	100 " " " "
No. 3 B	A Aux. 67	100 " " " "
	B Aux. 68	100 " " " "
	C Aux. 69	100 " " " "
No. 4 B	A Aux. 70	100 " " " "
	B Aux. 71	100 " " " "
	C Aux. 72	100 " " " "
No. 5 B	A Aux. 73	100 " " " "
	B Aux. 74	100 " " " "
	C Aux. 75	100 " " " "
No. 6 B	A Aux. 76	100 " " " "
	B Aux. 77	100 " " " "
	C Aux. 78	100 " " " "
No. 1 H.T.	Aux. 79	80.5 EV/3.45 KV, 5,000 KVA
No. 2 H.T.	Aux. 80	80.5 " " 5,000 "

Tokai Hokuriku Regional Bureau
of Commerce and Industry

We have no Testing ^{Machine} Machine.

^{At} Veiko Steam Power Plant.

K. Shinoda.

k

BASIC: Ltr, Hq Tokai-Hokuriku Mil Govt Region, subj: "Marking of Principal Units of Equipment of Steam-Electric Generating Plants Listed for Reparatons", dtd 6 Feb 47.

1st Ind

Hq Aichi Mil Govt Team, APO 710, 20 Feb 47

RFJ/ek

TO: CO, Tokai-Hokuriku Mil Govt Region, APO 710

1. Instructions have been complied with as of this date.
2. Necessary corrections of data contained in the "Outline of Main Units of Equipment to be Marked at Heiko Steam-Electric Station" (Incl #2) have been made on the attached sheets.

FOR THE COMMANDING OFFICER:

2 Incls;
n/c

ROBERT W. HUTCHINSON
Captain CMP
Adjutant

HEADQUARTERS
TOKAI-HOKURIKU MIL GOVT REGION
APO 710 (Nagoya, Honshu)

GNM/ss

6 February 1947

SUBJECT: Marking of Principal Units of Equipment of Steam-Electric Generating Plants Listed for Reparations.

TO: Commanding Officer
Aichi Military Government Team
APO 710
Attn: Res, Comm & Ind Officer

1. Reference: letter, Headquarters Eighth Army, AG 386.3 (MG-Em), subject as above, dated 30 January 1947, copy of which is attached herewith without inclosures as Inclosure 1.
2. Inclosure 2 hereto is list of markings for the following plants:

NIPPON HASSODEN K.K.

Meiko Kojo Aichi Pref. 01-86

3. You are directed to insure that instructions contained in reference letter, paragraph 1 above, are complied with. Report will be made to this headquarters not later than 20 February 1947.

BY ORDER OF COLONEL BURNELL:

FRANK M. WILKINS
Maj Adjutant FA

2 Incls:

1. Ltr, Eighth Army, dtd 30 Jan 47 (three)
2. Marking List for Meike Plant (two)

K

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APO 343

AG 386.3 (MG-Em)

SUBJECT: Marking of Principal Units of Equipment of Steam-Electric Power Generating Plants listed for Reparatations

TO: Commanding General
 I Corps
 APO 301

1. Reference are the following:

a. Memorandum for the Imperial Japanese Government from Headquarters, Supreme Commander for the Allied Powers, File AG 387.6 (13 Aug 46) ESS/IN, (SCAPIN-1131), dated 13 August 1946, subject, "Reparations Selection of Steam-Electric Power Generating Plants."

b. Memorandum for the Imperial Japanese Government from General Headquarters, Supreme Commander for the Allied Powers, File AG 387.6 (3 Feb 47) ESS/IN, (SCAPIN-1489), dated 3 February 1947, subject, "Marking of Principal Units of Equipment of Steam-Electric Generating Plants Selected to be Removed for Interim Reparatations."

2. Attached are lists of marking for each plant within your area of command, listing the equipment to be marked and giving the identifying or letter in each case.

3. Units of equipment will be marked in a clearly visible place, using such a size letter and color of paint as may be easily read. Only the equipment indicated for each installation will be marked.

4. When the instructions contained herein have been completed, it is requested that the Commanding General, Eighth Army (Attention Military Government Section) be promptly advised.

BY COMMAND OF LIEUTENANT GENERAL EICHEBERGER:

/s//t/ R. SCHAFER
 Lt. Col., AGD
 Asst Adjutant General

Incls:
 Marking list for
 Ajikawa Plant Miyazu Plant
 Kizugawa " Shimizu "
 Meiko " Toyama "

C O P Y

COPY

K

OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION

1. Steam Turbines

Identifying Mark	Description of Equipment
S.T. 1	57,440 KW M 1938
S.T. 2	59,680 " M 1939
S.T. 3	59,680 " M 1939
S.T. 4	3,510 " M 1938

2. Generators

Identifying Mark	Description of Equipment
Gen. 1	62,500 KVA M 1938
Gen. 2	62,500 " M 1938
Gen. 3	4,290 " M 1939
Gen. 4	62,500 " M 1939
Gen. 5	4,290 " M 1939
Gen. 6	4,290 " M 1938

3. Boilers

Identifying Mark	Description of Equipment
Bo. 1	112 MT/Hr M 1938
Bo. 2	112 MT/Hr M 1938
Bo. 3	112 MT/Hr M 1938
Bo. 4	112 MT/Hr M 1939
Bo. 5	112 MT/Hr M 1939
Bo. 6	112 MT/Hr M 1939

4. Coal Handling Equipment

Identifying Mark	Description of Equipment
C.H. 1	Gantry crane with cantilever and short inclined conveyor, in gantry, span 17 M long.
C.H. 2	Horizontal conveyor, 48 M long. <i>2-56 M long</i>
C.H. 3	Main inclined conveyor, 143 M long. <i>2-147 M long</i>
C.H. 4	Horizontal conveyor, 185 M long. <i>2-308.5 M long</i>
C.H. 5	Gantry crane, span 82 M long.
C.H. 6	Conveyor, 100 M long. <i>2-56 M long</i>
C.H. 7	" 100 M long. <i>2-122 M long</i>

COPY

K

OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
(continued)

5. Pulverizing Equipment

Identifying Mark	Description of Equipment
P. 1	Ball mill pulverizer, 8 MT/Hr
P. 2	" " " " " "
P. 3	" " " " " "
P. 4	" " " " " "
P. 5	" " " " " "
P. 6	" " " " " "
P. 7	" " " " " "
P. 8	" " " " " "
P. 9	" " " " " "
P. 10	" " " " " "
P. 11	" " " " " "
P. 12	" " " " " "
P. 13	" " " " " "
P. 14	" " " " " "
P. 15	" " " " " "
P. 16	" " " " " "
P. 17	" " " " " "
P. 18	" " " " " "

6. Outdoor Switchyard

Identifying Mark	Description of Equipment
S.Y. 1	77 KV/12.6 KV 63,000 KVA
S.Y. 2	77 " " 63,000 "
S.Y. 3	77 " " 63,000 "
S.Y. 4	110 KV 2,000 Amp
S.Y. 5	110 800 "
S.Y. 6	110 800 "
S.Y. 7	110 800 "
S.Y. 8	110 800 "
S.Y. 9	110 800 "
S.Y. 10	110 800 "
S.Y. 11	110 800 "
S.Y. 12	110 800 "
S.Y. 13	110 800 "
S.Y. 14	110 800 "

COPY

**OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
(continued)**

K

7. Switchboard Room

Identifying Mark	Description of Equipment
S.B. 1	Panels
S.B. 2	"
S.B. 3	"
S.B. 4	"
S.B. 5	"
S.B. 6	"
S.B. 7	"
S.B. 8	"
S.B. 9	"
S.B. 10	"
S.B. 11	"
S.B. 12	"
S.B. 13	"
S.B. 14	"
S.B. 15	"

8. Auxiliary Equipment

Identifying Mark	Description of Equipment
Aux. 1	1,025 HP, feed water pumps
Aux. 2	1,025 HP, " " "
Aux. 3	1,025 HP, " " "
Aux. 4	1,025 HP, " " "
Aux. 5	1,025 HP, " " "
Aux. 6	1,025 HP, " " "
Aux. 7	600 " , condenser circulating water pum.
Aux. 8	600 " " " " ps
Aux. 9	580 " " " " "
Aux. 10	580 " " " " "
Aux. 11	580 " " " " "
Aux. 12	580 " " " " "
Aux. 13	450 " induced draft fans
Aux. 14	450 " " " "
Aux. 15	450 " " " "
Aux. 16	450 " " " "
Aux. 17	450 " " " "
Aux. 18	450 " " " "
Aux. 19	450 " " " "

COPY

OUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
(continued)

8. Auxiliary Equipment (Continued)

Identifying Mark	Description of Equipment
Aux. 20	450 HP, induced draft fans
Aux. 21	450 " " " "
Aux. 22	450 " " " "
Aux. 23	450 " " " "
Aux. 24	450 " " " "
Aux. 25	200 " forced draft fans
Aux. 26	200 " " " "
Aux. 27	200 " " " "
Aux. 28	200 " " " "
Aux. 29	200 " " " "
Aux. 30	200 " " " "
Aux. 31	200 " " " "
Aux. 32	200 " " " "
Aux. 33	200 " " " "
Aux. 34	200 " " " "
Aux. 35	200 " " " "
Aux. 36	200 " " " "
Aux. 37	200 " ball mill pulverizers
Aux. 38	200 " " " "
Aux. 39	200 " " " "
Aux. 40	200 " " " "
Aux. 41	200 " " " "
Aux. 42	200 " " " "
Aux. 43	200 " " " "
Aux. 44	200 " " " "
Aux. 45	200 " " " "
Aux. 46	200 " " " "
Aux. 47	200 " " " "
Aux. 48	200 " " " "
Aux. 49	200 " " " "
Aux. 50	200 " " " "
Aux. 51	200 " " " "
Aux. 52	200 " " " "
Aux. 53	200 " " " "
Aux. 54	200 " " " "
Aux. 55	150 " condensate pump "
Aux. 56	150 " " " "

K

OUTLINE OF MAIN UNITS OF EQUIPMENT
 TO BE MARKED AT MEIKO STEAM-ELECTRIC STATION
 (continued)

8. Auxiliary Equipment (Continued)

Identifying Mark	Description of Equipment
Aux. 57	140 HP, condensate pumps
Aux. 58	140 " " "
Aux. 59	140 " " "
Aux. 60	140 " " "
Aux. 61	100 " ball mill exhausters
Aux. 62	100 " " " "
Aux. 63	100 " " " "
Aux. 64	100 " " " "
Aux. 65	100 " " " "
Aux. 66	100 " " " "
Aux. 67	100 " " " "
Aux. 68	100 " " " "
Aux. 69	100 " " " "
Aux. 70	100 " " " "
Aux. 71	100 " " " "
Aux. 72	100 " " " "
Aux. 73	100 " " " "
Aux. 74	100 " " " "
Aux. 75	100 " " " "
Aux. 76	100 " " " "
Aux. 77	100 " " " "
Aux. 78	100 " " " "
Aux. 79	80.5 EV/3.45 KV, 5,000 KVA
Aux. 80	80.5 " " 5,000 "

*File Nippon Haseaden**h*

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS

APO 500

27 January 1947

AG 387.6 (27 Jan 47) ESS/IN
(SCAPIN 1489)

MEMORANDUM FOR: THE IMPERIAL JAPANESE GOVERNMENT

THROUGH: Central Liaison Office, Tokyo

SUBJECT: Marking of Principal Units of Equipment of
Steam-Electric Power Generating Plants
Selected to be Removed for Interim Repara-
tions

1. Reference is Memorandum for the Imperial Japanese Government from General Headquarters, Supreme Commander for the Allied Powers, file AG 387.6 (13 Aug 46) ESS/IN (SCAPIN 1131), dated 13 August 1946, subject: Reparations Selections of Steam-Electric Power Generating Plants.

2. The Imperial Japanese Government is notified that the principal units of equipment of Steam-Electric Power Generating Plants on the attached list will be identified with appropriate markings.

3. There will be made available to the Commanding General, Eighth Army, all personnel, equipment and supplies deemed necessary by him to accomplish the identification of the items concerned.

4. Within seventy-two (72) hours of the receipt of this memorandum, the Imperial Japanese Government will have qualified representatives report to the Commanding General, Eighth Army, to receive detailed instructions to accomplish the purpose of this memorandum.

FOR THE SUPREME COMMANDER:

1 Incl
List of Power Plants

John B. Cooley
JOHN B. COOLEY,
Colonel, AGD,
Adjutant General.

POWER PLANTS TO BE MARKED

All of the following plants are owned by Nippon Hassoden (KK):

<u>NAME OF PLANT</u>	<u>LOCATION</u>
Tsurumi	Kawasaki-shi, Okawa-cho, 3, Kanagawa-ken
Meiko	Aichi-ken, Nagoya-shi, Minato-ku, Isshu-cho
Kizugawa	Osaka-shi, Sumiyoshi-ku, Shibaya-cho, 38 Osaka-fu
Ebetsu	Hokkaido, Sapporo-gun, Ebetsu-machi, Tsugari
Saijo	Kitagawa, Saijo-shi, Ehime-ken
Shimizu	Shizuoka-ken, Shimizu-shi, Miho-kaijima
Ajikawa	Osaka-shi, Fukushima-ku, Shimo-fukushima 5-7
Matsue	Shimane, Matsue-shi, Higashi-tsuda-cho
Ube Nishi	Ube-shi, Okinoyama- Umetatechi, Yamaguchi-ken
Miyazu	Kyoto-fu, Yosa-gun Miyazu-cho
Tokushima	Imabiraki Komatsujima-cho, Katsura-gun, Tokushima-ken
Toyama	Toyama, Toyama-shi, Nakajima-Umemichiwari, 6

Inclosure 1 to SCAPIN 1489

File Nijssen Hasenden

9

The Aichi Prefectural Technical College

6 January 1947

To : The Provost Marshal of the U. S. Army
Through: The Japanese Liaison Office, Nagoya
Subject: The Study by inspection of the Meiko Electric Power Station in Minatoku in Nagoya
Date : From 10.00 a.m. Until 4.00 p.m. January 14, 15, 16, 17, 1947.
Purpose: For the student to make study by inspection

The Members of inspection:

III-year Students	75 and Leader	Professor	S. Kunimoto
II-year Students	85 and "	"	S. Fukuda
I-year Students	45 and "	"	S. Muto
I-year Students	100 and "	"	Watanabe

I hereby apply for the study by inspection of the above mentioned Electric Power Station because there is no Electric Power Station in the College.

T. Zoka.

Tsunelchi Zoka
 Principal of the Aichi Prefectural
 Technical College

OK VO May 6 'B

File Hyppon / assolen

f

BASIC: Ltr, Hq I Corps, subj: "Thermal Electric Power Plants
Listed for Reparations", dtd 4 Jan 47

1st Ind

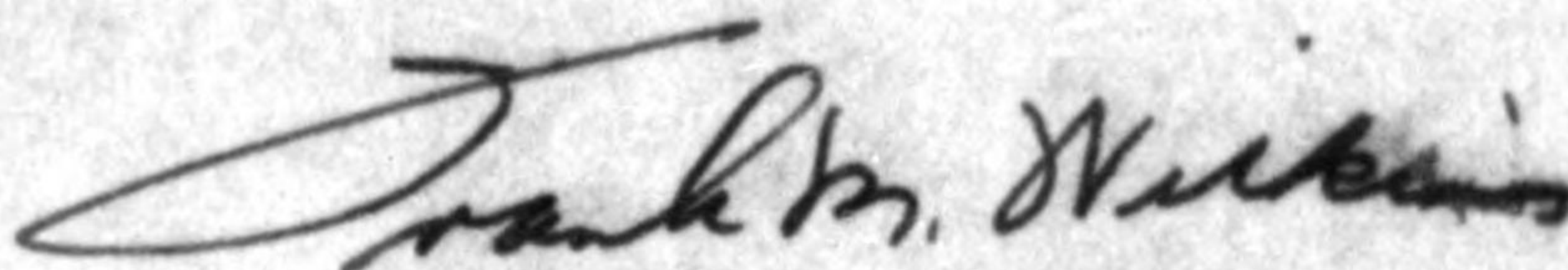
GMM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 7 Jan 47

TO: ✓ CO, Aichi Mil Govt Team, APO 710
CO, Shizuoka Mil Govt Team, APO 710
CO, Toyama Mil Govt Team, APO 713

Your attention is directed to Inclosure #1.

BY ORDER OF COLONEL BURNELL:



FRANK M. WILKINS
Maj FA
Adjutant

1 Incl:
n/c

A-41

JAN 10 1947 05018

COPY

HEADQUARTERS I CORPS
APO 301 (Kyoto, Honshu)

EHN/ckw

AG 004 - BA

4 January 1947

SUBJECT: Thermal Electric Power Plants Listed for Reparations.

TO: Commanding Officer
Tokai-Hokuriku Military Government Region
APO 710

1. References:

a. Letter, Headquarters Aichi Military Government
Team, dated 29 October 1946.b. Letter, Headquarters Toyama Military Government
Team, dated 19 September 1946.2. Inclosure 1 to this communication is a copy of letter
sent by Commanding General, Eighth Army to Supreme Commander for
the Allied Powers. The letter indicates action taken by higher
headquarters with respect to the correspondences referred to
in paragraph 1 above.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

/s//t/ H. B. TAYLOR
Major, AGD
Asst Adj Gen

1 Incl:

Ltr, Hq Eighth Army, to SCAP
subj: "Reparation Selections
of Steam-Electric Power Gen.
Plants", dtd 28 Dec 46 (dup)

C O P Y

HEADQUARTERS EIGHTH ARMY
 United States Army
 Office of the Commanding General
 APO 343

AG 386.3 (MG-Em)

28 December 1946

SUBJECT: Reparation Selections of Steam-Electric Power Generating Plants

TO : Supreme Commander for the Allied Powers
 APO 500
 (Attn: Reparations Branch, ESS/IN)

1. In compliance with paragraph 5 of letter, General Headquarters, Supreme Commander for the Allied Powers, AG 387.6 (13 August 1946) ESS/IN, 13 August 1946, subject, "Reparation Selections of Steam-Electric Power Generating Plants", there is submitted herewith in duplicate a report of the Imperial Japanese Government covering the shut-down arrangements for Steam-Electric Plants.

2. The following recommendations are submitted:

a. That the plants listed below be deleted from reparation selections at the present time in order to insure at all seasons the distribution of sufficient electric power to satisfy existing demands in each supply area until completion of the other phases of the interim program.

Ainoura
 Tabata
 Minato
 Anoda
 Saka

Sanban
 Shikamako
 Meiko
 Kizugawa
 Ajigawa

b. That the remaining plants be permitted to continue operation pending definite decision as to interim reparations, allocations and removals in this category.

3. Attention is invited to the following adverse conditions which exist:

- 1 -

C O P Y

Ltr, Hq Eighth Army, subj: "Reparation Selections of Steam-Electric Power Generating Plants", dtd 28 December 1946

a. Thermal plants not selected for reparations have deteriorated to such an extent as to require more than a year for repairs before return to their rated capacity.

b. Due to lack of suitable coal for which the plants were designed to rated capacity cannot be reached until such time as higher grade coal is produced or secured.

c. The exceedingly dry year has reduced hydro plant capacity, making the use of thermal plants necessary as an emergency measure.

d. The requirements of the occupation forces have been retarded materially due to the already acute shortage of electric power, both hydro and thermal.

4. It is further recommended that prior to the shut-down or removal of electric plants, a detailed and comprehensive study be made by competent electrical engineers of the overall requirements for electric energy. This study should include the final industrial, household, commercial and occupation requirements as modified by the reduced industrial demand consequent upon completion of all other phases of the interim reparations program.

5. Attention is invited to the inclosed petitions and separate recommendations submitted by lower units pertaining to the plants recommended for deletion in paragraph 2a above.

FOR THE COMMANDING GENERAL:

R. SCHAFER
Lt. Col., AGD

11 Incls:

- 1a. Report of IJG (duplicate) Asst Adjutant General
1. Nippon Hassoden K.K., Shikoku
2. Nippon Electric Co., Meiko
3. Special Report on Electric Power, Kyushu
4. Chugoku MG Region
Nippon Hassoden
Sanben, Matsue, Saka, Anoda.
5. Nippon Hassoden, Toyama
6. Nagasaki MG Team, Petition of Coal Mines re
Electric Power.

COPY

Ltr, Hq Eighth Army, subject: "Reparation Selections of Steam-Electric Power Generating Plants", dtd 28 Dec 46

7. I Corps, Ainoura Plant
8. I Corps, Petitions re Coal Mines
Minato, Ainoura
9. Petitions relative
Minato, Tsurumi
10. I Corps, Nippon Hassoden
Minato, Tabata, Ainoura

CERTIFIED TRUE COPY

EIMER H. NELSON
Lt Col, AC
Res & Ind Officer

e

REPORT ON INDUSTRIAL FACILITIES
AND WRITTEN APPLICATION FOR PERMISSION
TO CONTINUE SALT MANUFACTURE

To: Headquarters Aichi Military Government Team

Thru: Japanese Liason Office, Nagoya
Aichi Kencho

From: Tokai Branch Office of The Japanese Electric
Generation and Transmission Co. No.8 4-chome,
Onari-dori Kitaku, Nagoya.

Date: 20 December 1946

1. Name of Facility:
 - Head-Office
Japanese Electric Generation and Transmission Co.
 - Manufactory
Japanese Electric Generation and Transmission Co.
2. Location:
 - Head-Office
No.1-11,1-chome, Koishikawa-cho, Koishikawa-ku, Tokyo.
 - Manufactory
No.1,1-chome, Ishu-cho, Minato-ku, Nagoya.
5. Name of President or Manager:
 - Shoji Arai, President
4. History:
 - a. Date of construction: 1 April 1937
 - b. Date of first operation: 24 January 1939
 - c. 1935-1941 Production: Electric enterprise
 - d. Present capitalization in Yen (Nominal Capital):
¥ 1,468,000,000.
 - e. Changes made in capital structure since 1935:
 - At the time of foundation.
 - April 1939, ¥ 739,315,300 (14,786,306 shares)
 - The capital increased.
 - December 1941, ¥ 1,522,172,850 (30,443,457 shares)
 - The capital increased.
 - July 1942, ¥ 1,544,147,150 (30,882,945 shares)
 - The capital decreased.
 - January 1943, ¥ 1,541,000,000 (30,820,000 shares)
 - The capital decreased.
 - January 1946, ¥ 1,468,000,000 (29,360,000 shares)
 - f. Name and address of parent company:
 - Nothing
 - g. Number of shares: 29,360,000 shares.
 - h. Number of stock holders: 163,472 persons

Osaka city	4.3	%
Toyama Prefecture	3.9	
Teikoku Seimei Hoken K.K.	2.5	
Yamaguchi Prefecture	2.4	

i. Funds received from Government (Bounties, subsidies etc.):

1939	¥	21,207,760.31
1940	¥	16,478,028.00
1941	¥	10,999,598.67
1942	¥	31,671,119.38
1943	¥	31,832,187.38
1944	¥	117,855,681.31
1945	¥	65,276,000.00
1946	¥	3,240,276.70

transferred from Tohoku Shinko Denryoku K.K.

Total ¥ 297,960,651.76

j. Separate sheets: Nothing

5. Description

a. Principal products.

1. Before war: Electric enterprise
2. Wartime : "
3. At present: "
4. Planned for 1946 - 1947:

Description	Mean electric power	Salt a year
1946	18,200 KW	540 ton
1947	85,300 KW	1,100 ton
Total		1,640 ton

b. Capacity

1. Before war: Nothing
2. Wartime : Mean electric power 27,000 KW
3. At present: Mean electric power 18,200 KW
Salt manufacture 3.0 ton/day
4. 1946 - 1947 (If the materials are supplied as our pleases)

Description	Mean electric power	Salt a year
1946	18,200 KW	540 ton
1947	85,300 KW	1,100 ton
Total		1,640 ton

c. Number of employees:

1. Wartime 262 persons
2. At present 214 persons
3. 1946 - 1947 (Maximum) 310 persons

6. Machinery and equipment in plant:

Details are explained in separate sheets.

7. Present stocks of raw materials, supplies and unfinished goods. (30 September 1946):

Description	Quantity
steel pipe	34,680 KG
steel staff and angle	28,726 "
special steel	10,541 "
wire rope	11,254 "
steel plate	5,293 "
steel wire	4,795 "
weld staff	1,056 "
copper	2,835 "
timber	400 m ³
cement	750 Kg
turbine oil	5,813 litre
other machine oil	8,609 "
asbestos packing	390 Kg
rags	354 "

8. Present quantities of finished products (30 September 1946):
Nothing
9. Present stocks of fuels (30 September 1946):
Coal 1,628 ton
10. Additional machinery and equipment needed for maximum production 1946 - 1947:
Nothing
11. Raw material and supplies needed monthly:
- a. For present capacity
- | Description | Quantity |
|-----------------------|-------------------|
| steel plate and pipes | 4,000 Kg |
| special steel | 500 " |
| steel wire | 500 " |
| copper | 500 " |
| timber | 50 m ³ |
| cement | 650 Kg |
| carbide | 300 " |
- b. For maximum
Same for 11 a above.
12. Fuel needed monthly (Do not include present stocks):
Coal 13,150 ton
13. Additional personal needed (Not locally available):
No need
14. Prices (Give current selling prices in Yen of principal products):
Salt ¥ 1,850/ton
15. Remarks:
- a. This salt manufactory is placed in the boundary of the Meiko Steam Power Station. The position of this manufactory and its structures are indicated by red colour in a general plan figure of the Meiko Steam Power Station.
- b. The electric equipment of the manufactory is indicated by red colour in a connection diagram of the Meiko Steam Power Station.
- c. At this manufactory, salt is made from sea water by electric heat-source.
16. Certification by applicant.

I certify that the information contained herein is true to the best of my knowledge and belief. I am authorized to sign for the above company.

Kanichi Shinoda, Factory Manager

K. Shinoda

Recommendation

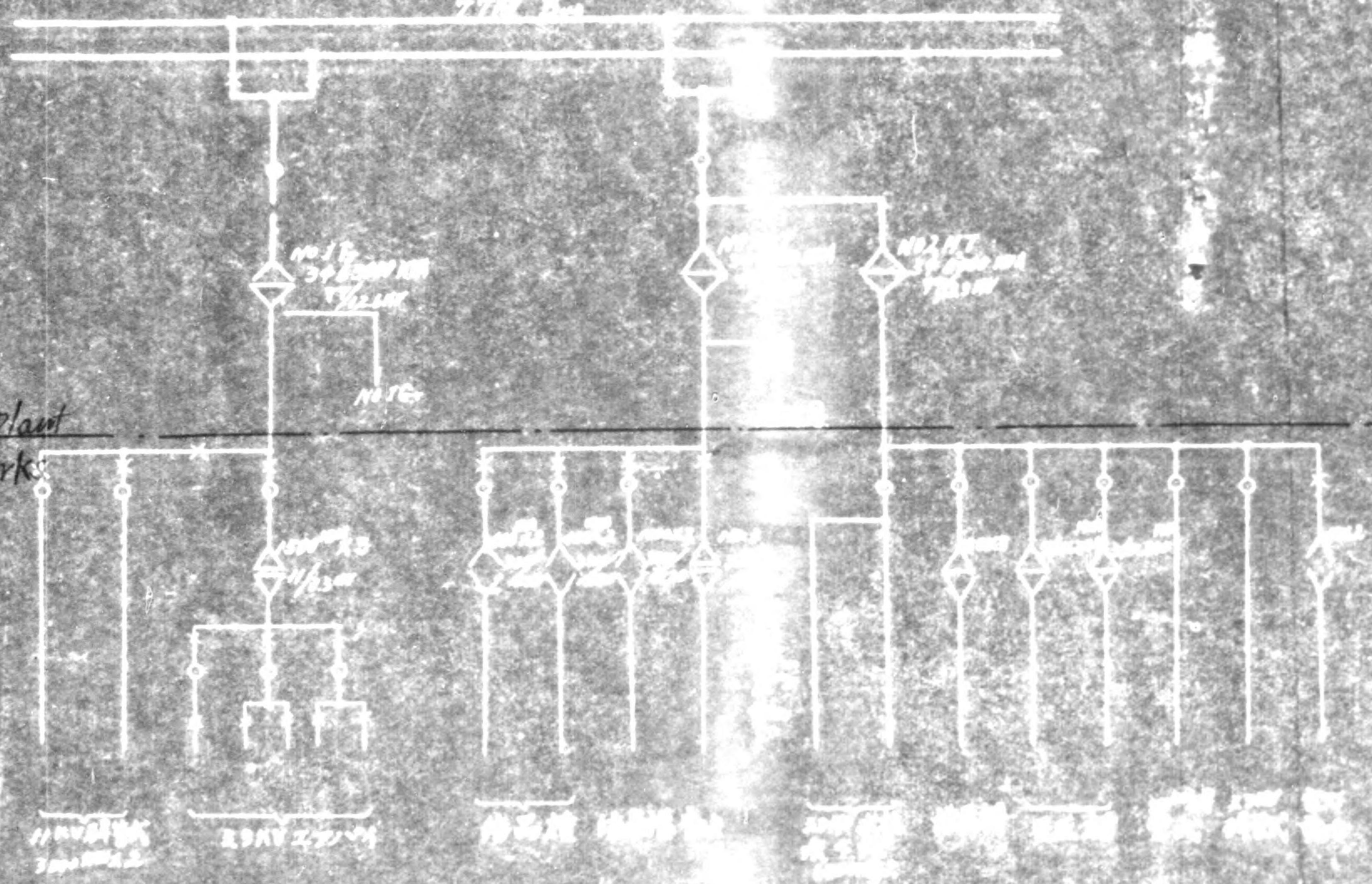
Dear Sir. Will you kindly give me the sanction to manufacture a salt by electric method because of want of a salt, when it rains much or works stop in many factories and the electric power will be in excess.

Skeleton diagram for salt manufactory

石塘咀港新橋線圖 (2000 瓩)

275k Bus

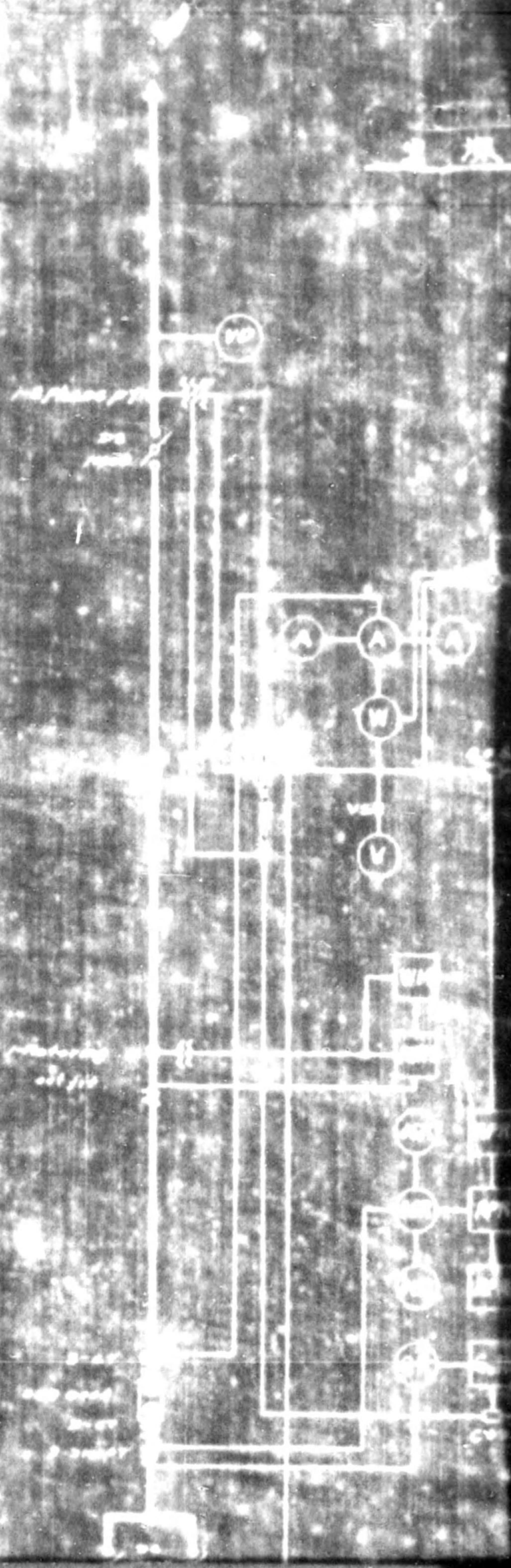
發電所 Power plant
製鹽所 Salt works

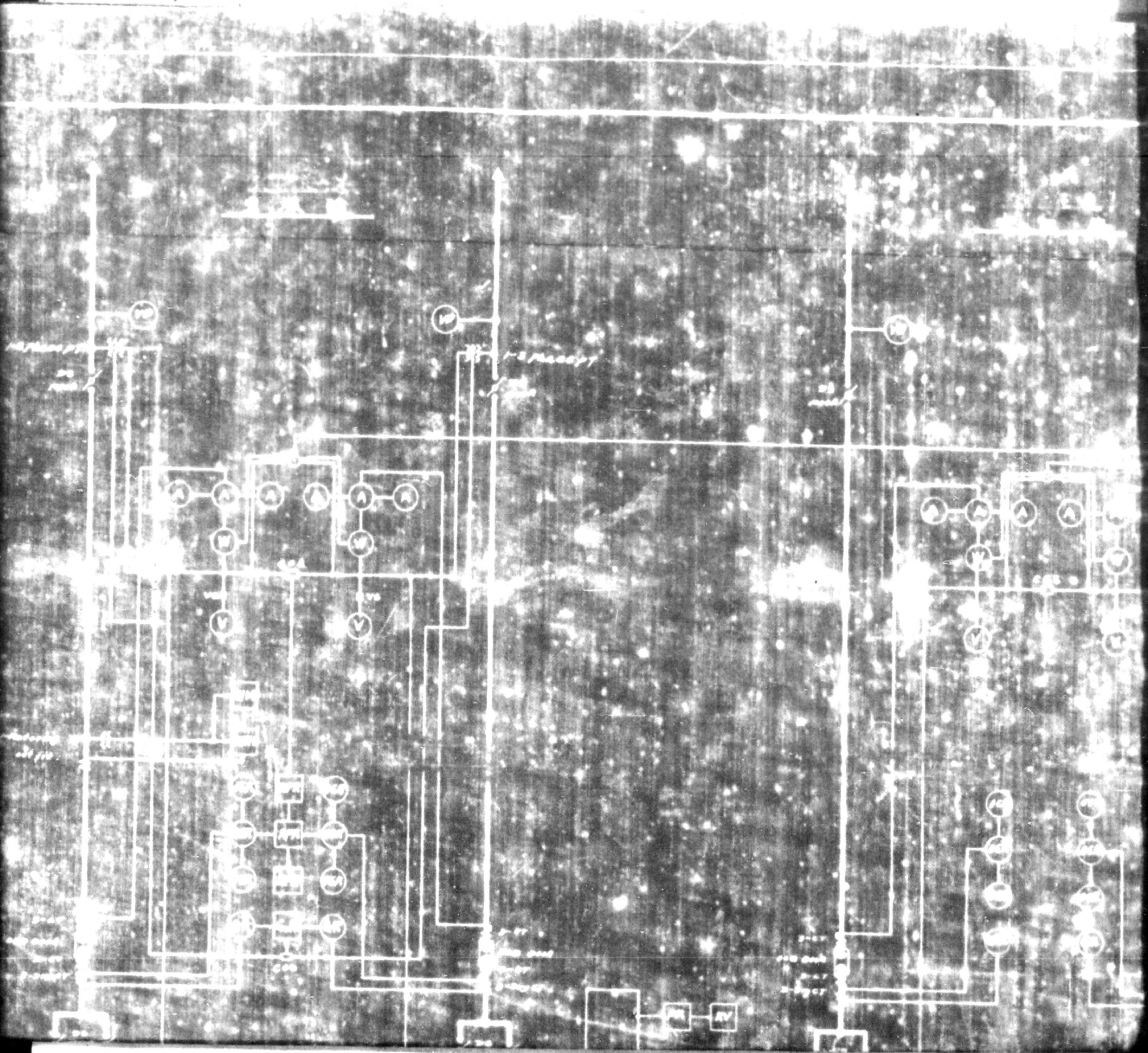


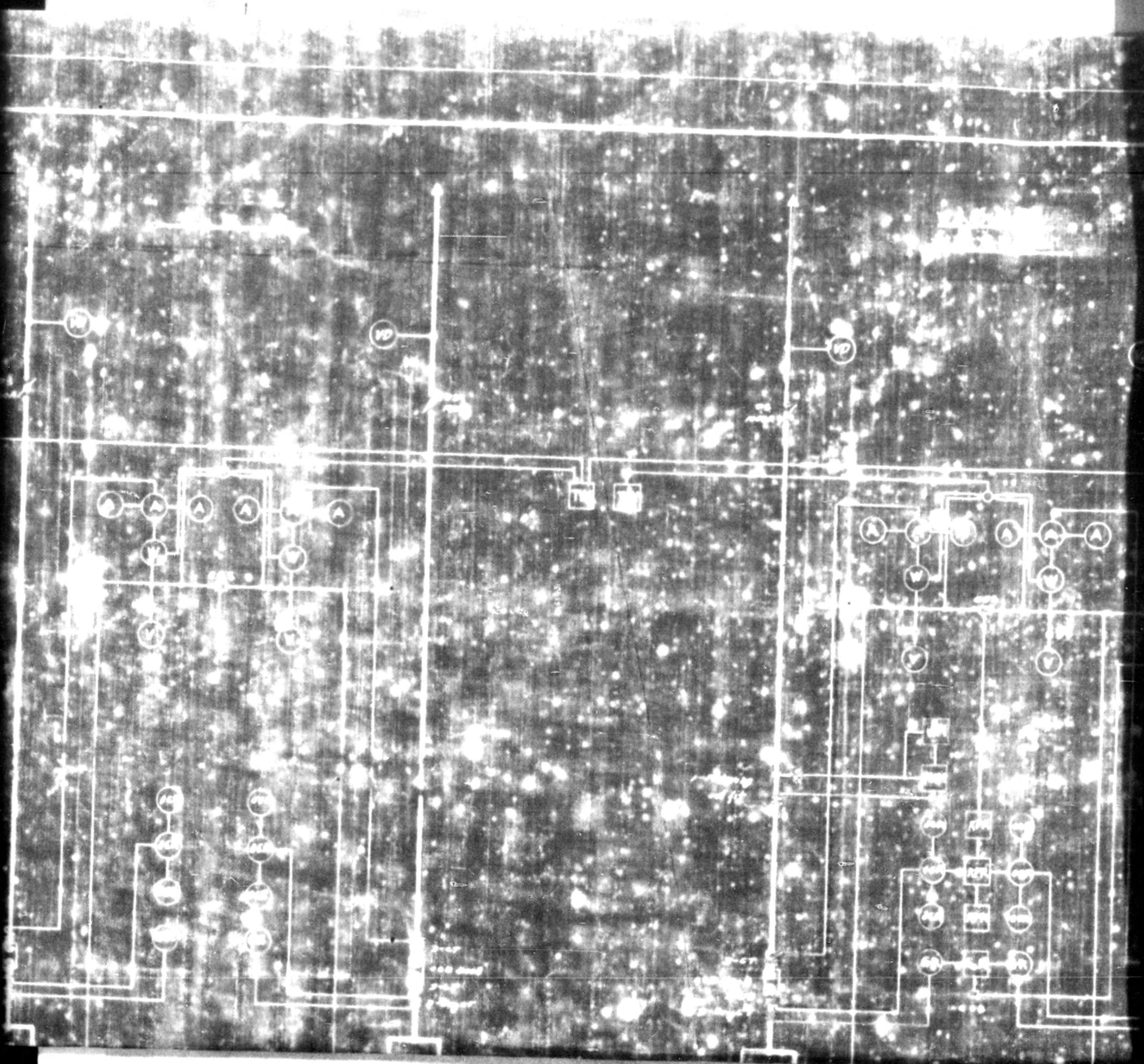
第二製鹽所
2nd salt works

第一製鹽所
1st salt works

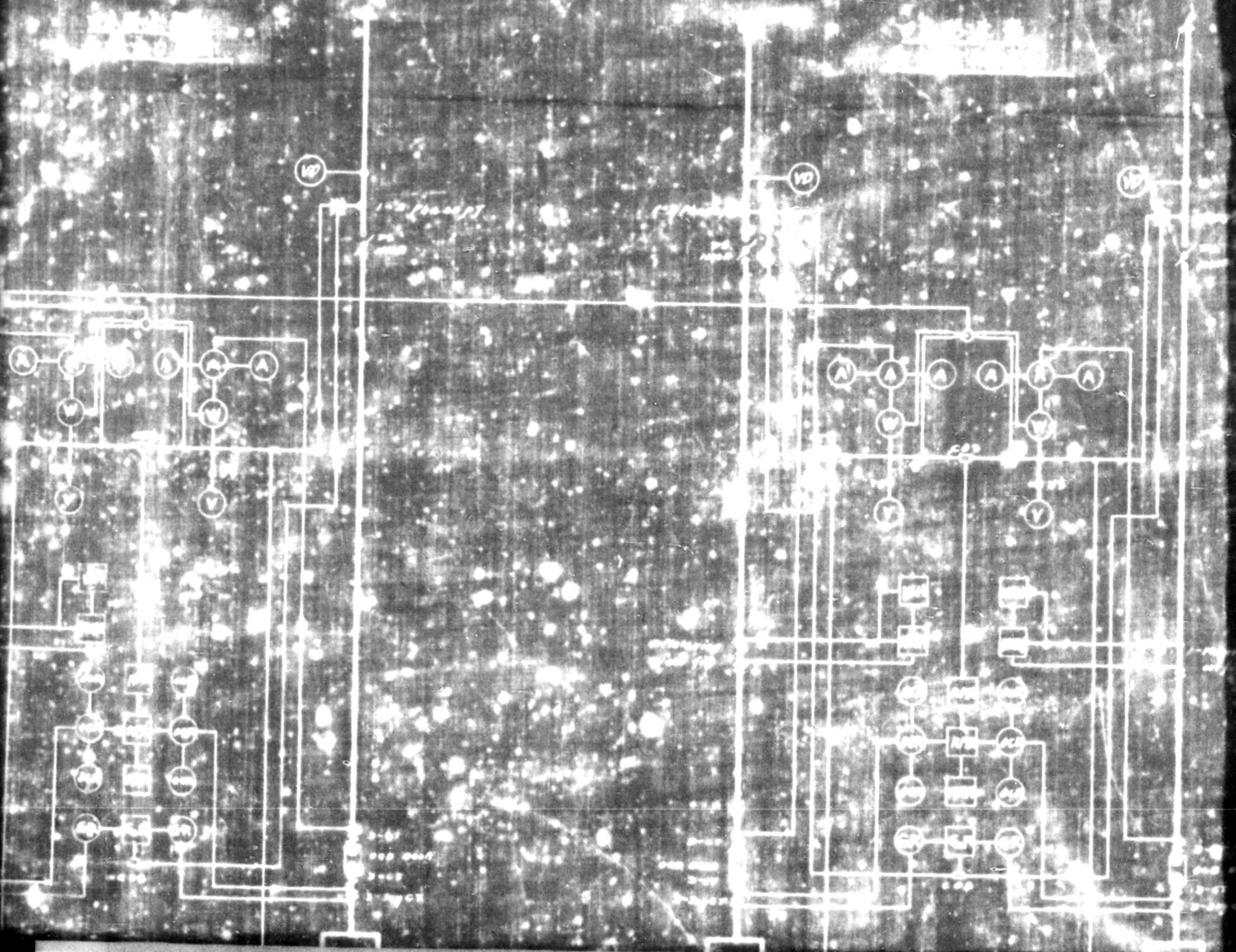
775013



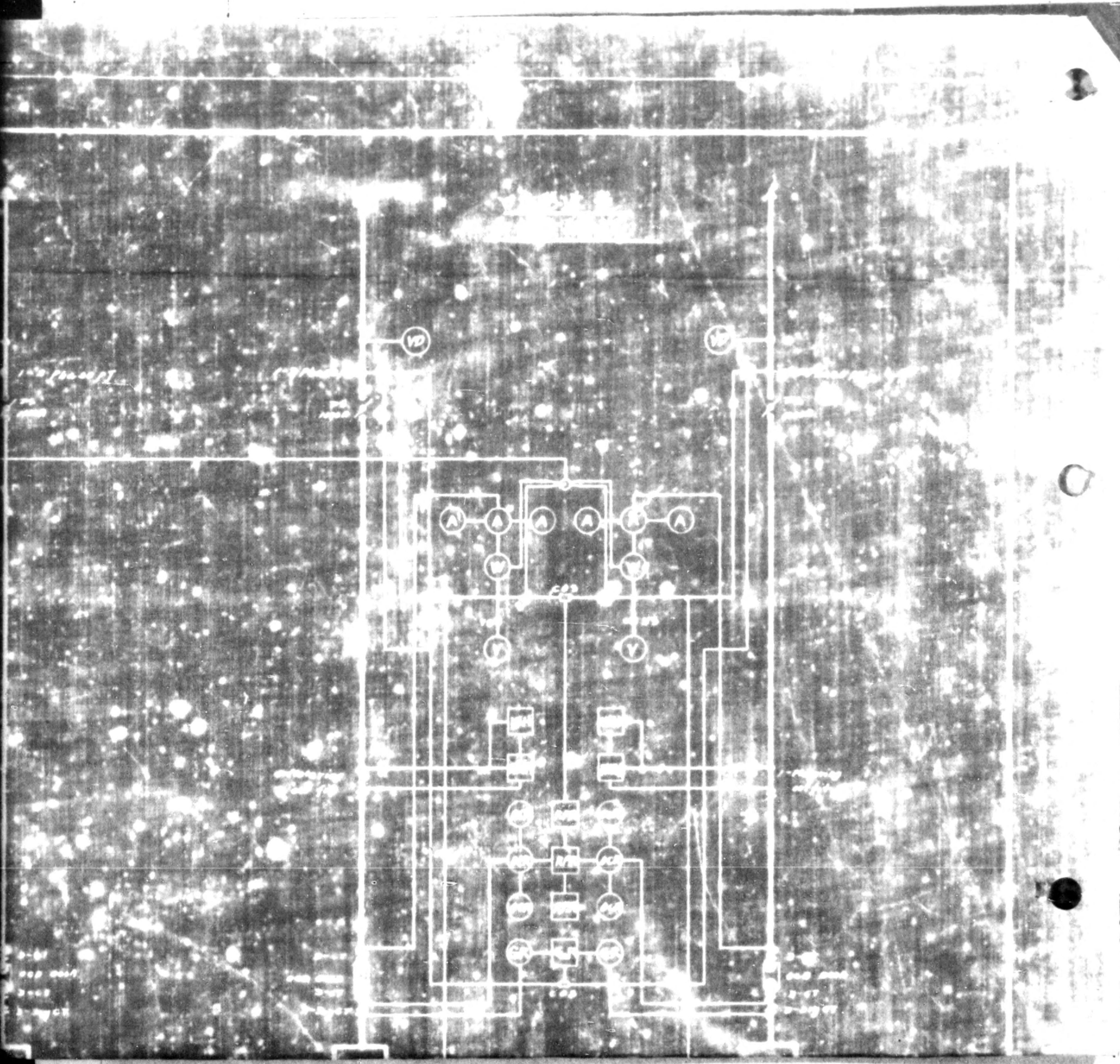


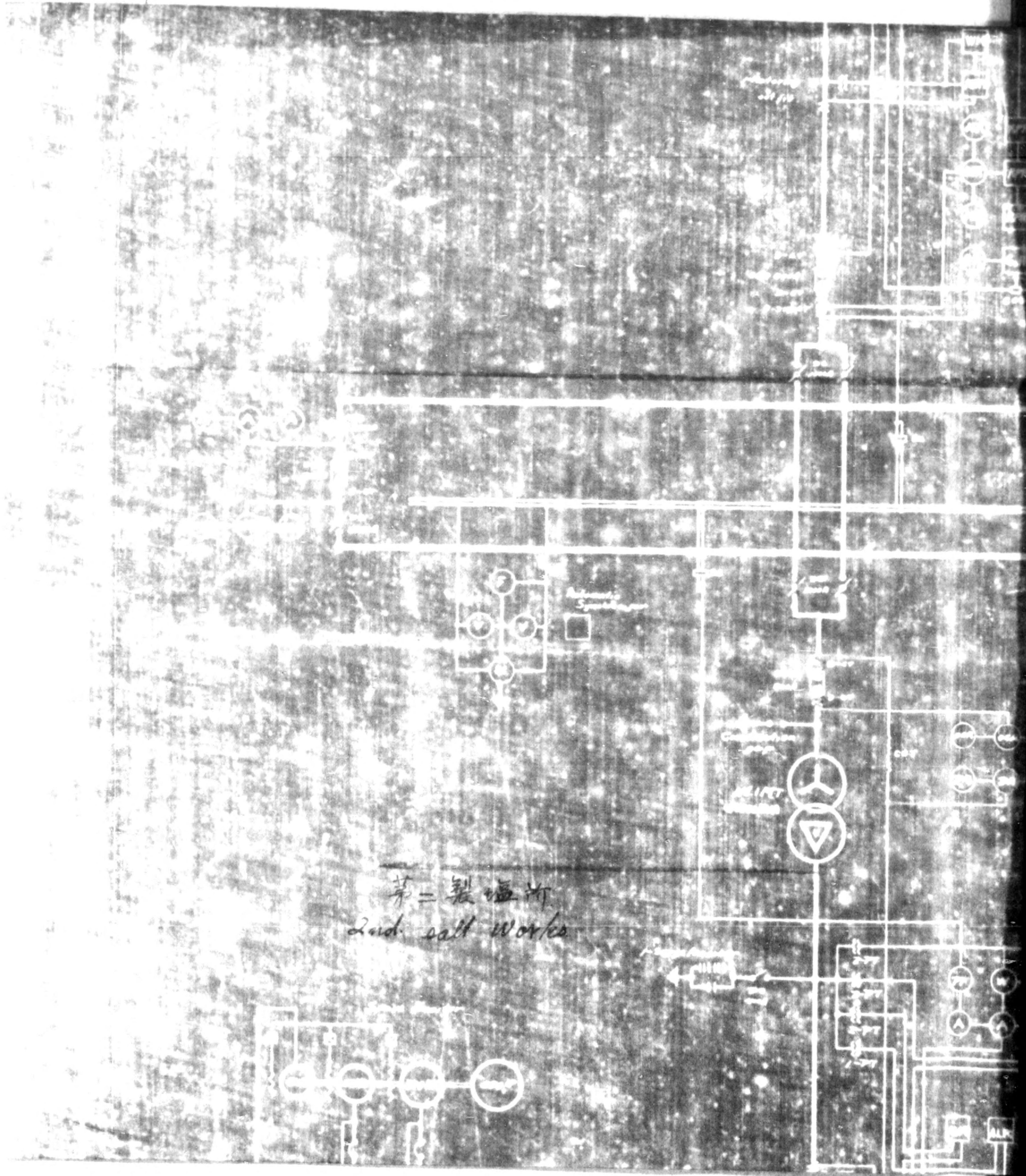


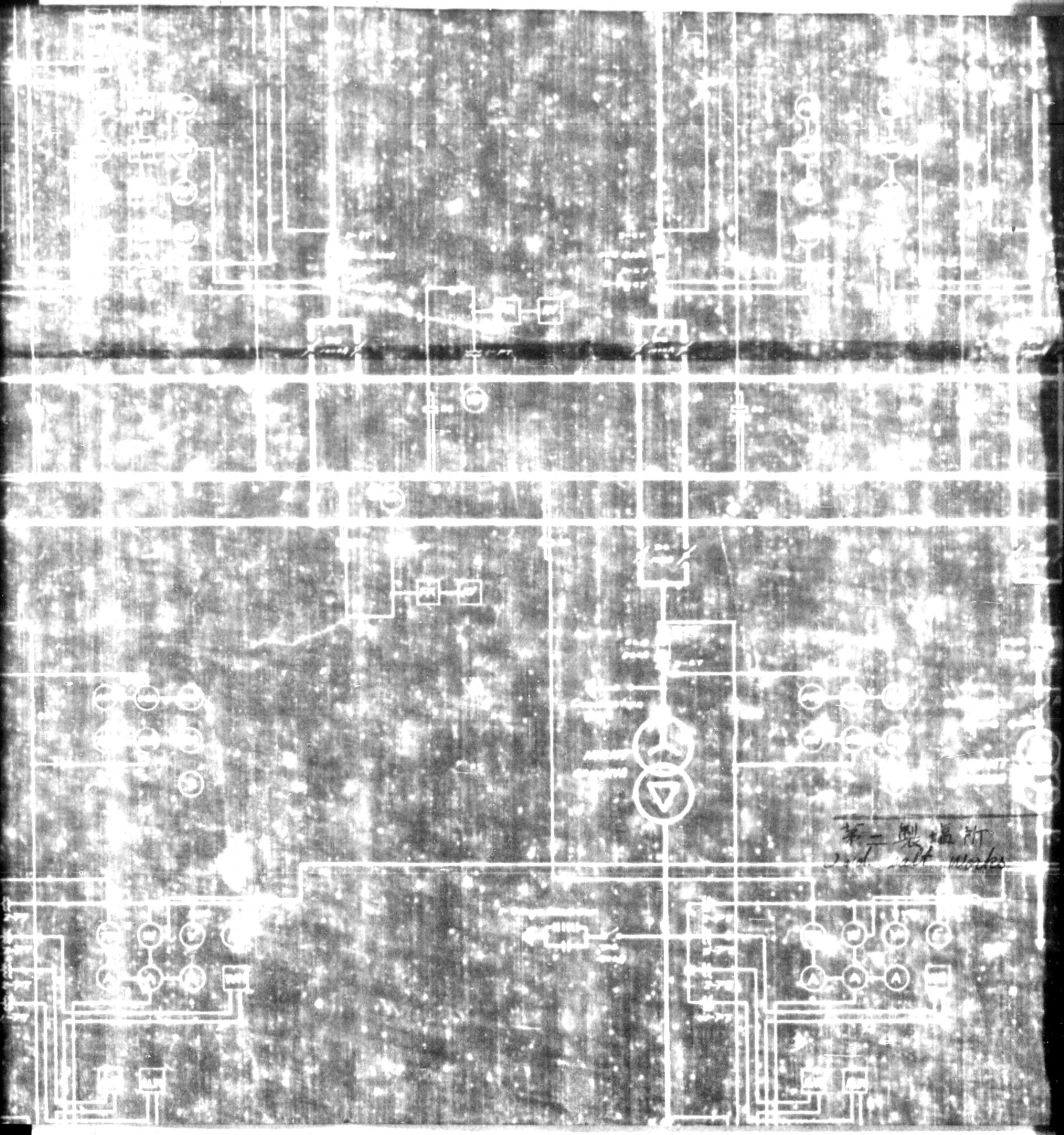
775013



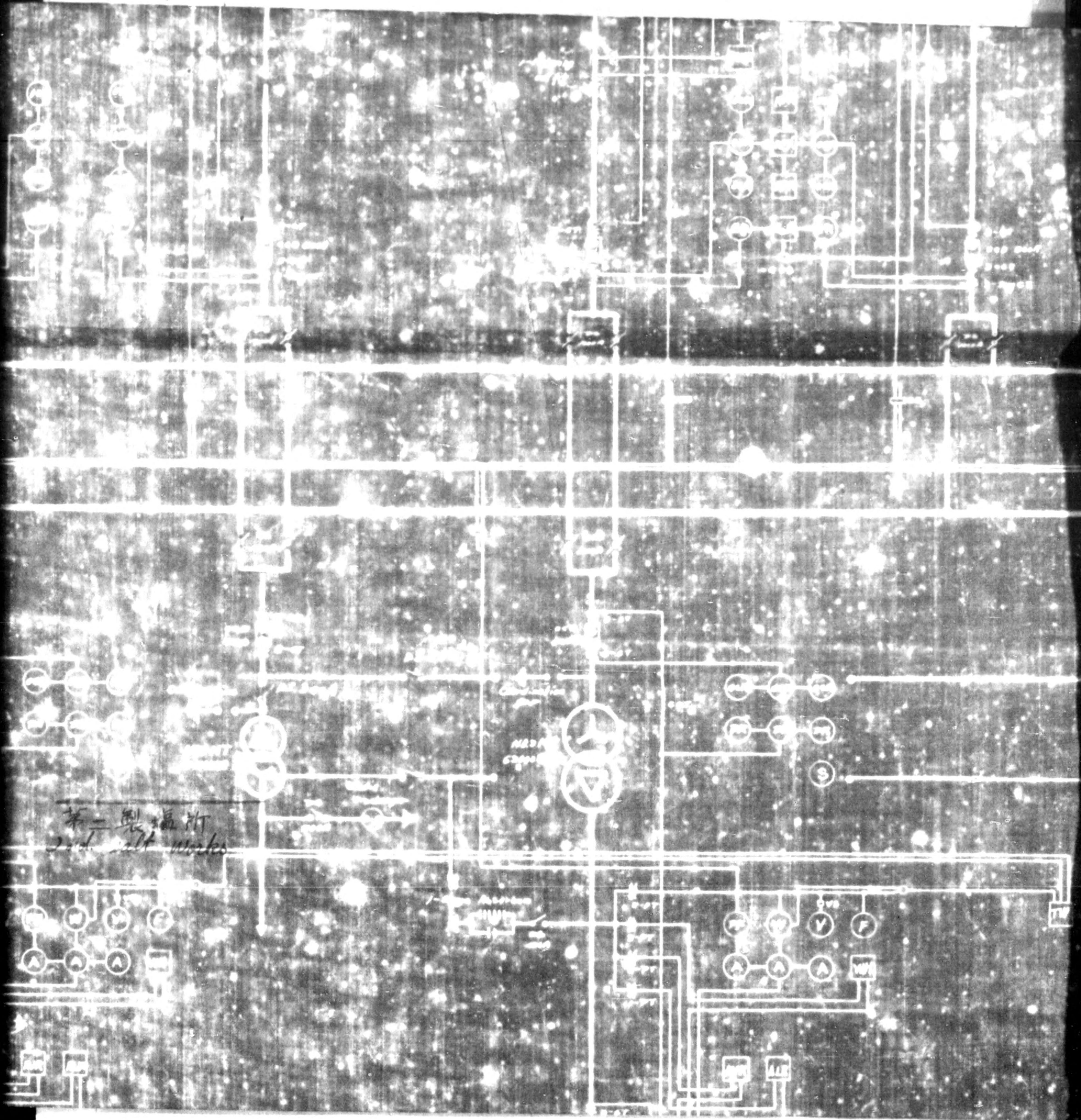
775013

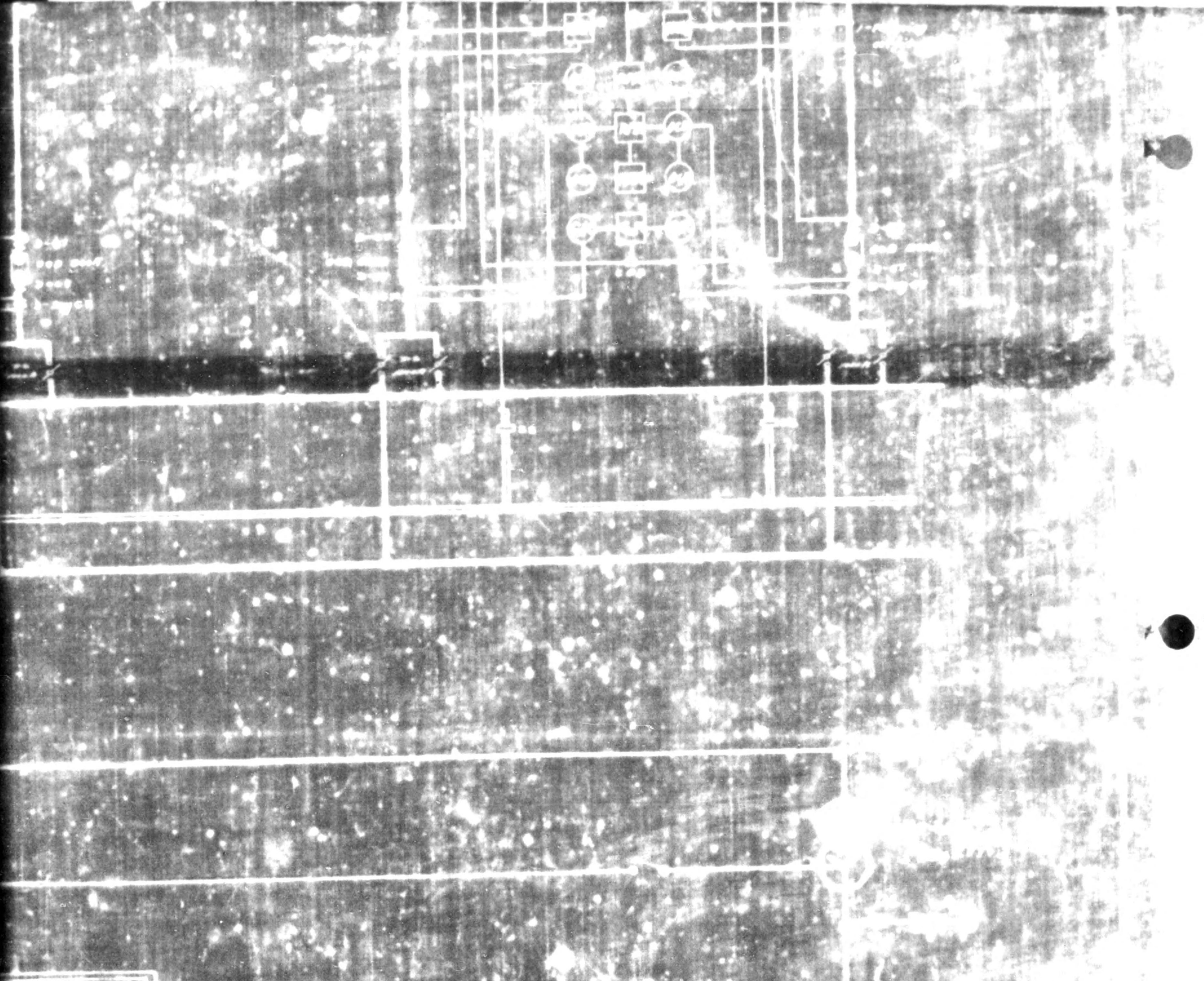






第二製塩機
2nd salt works





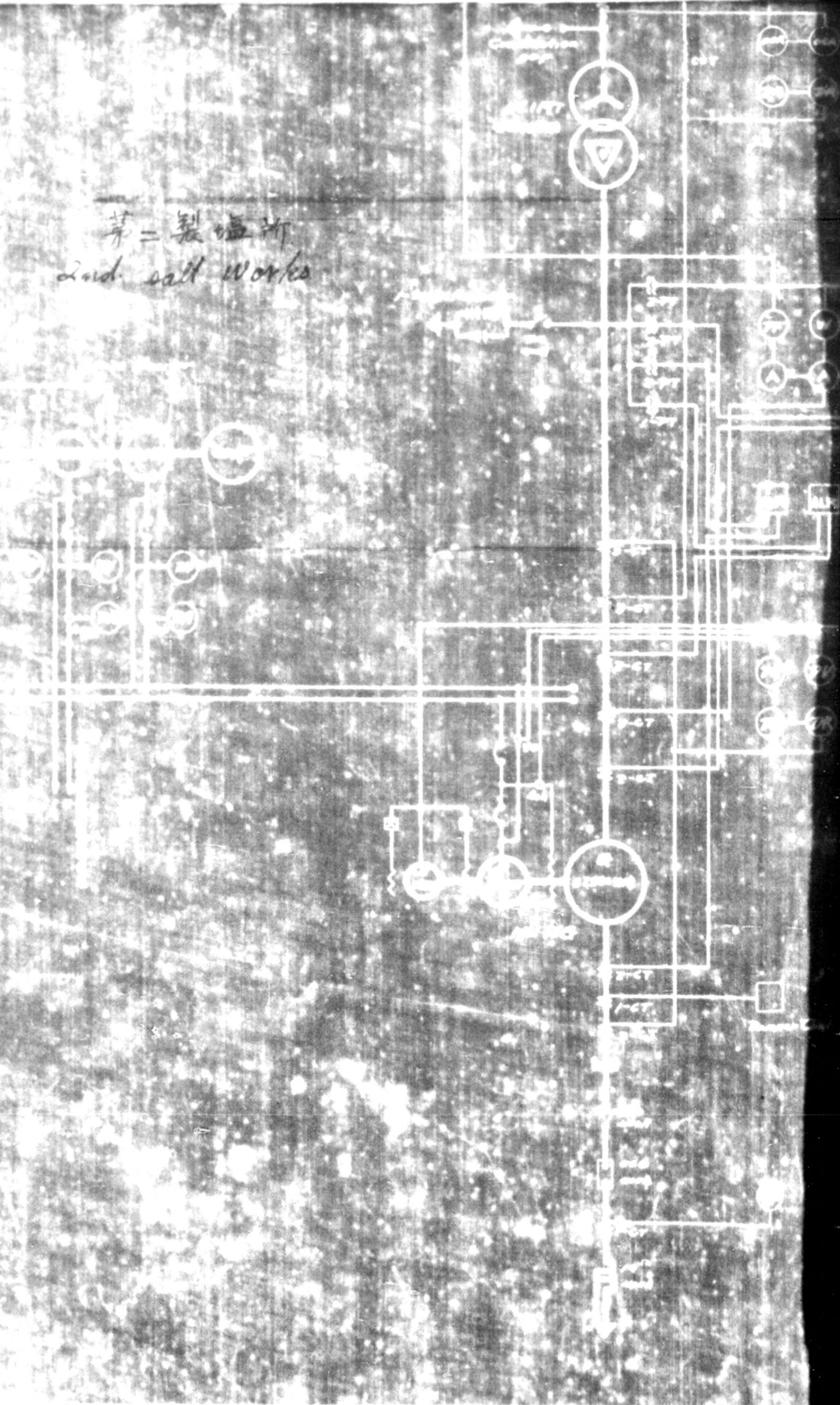
第一製塩法

1st salt works

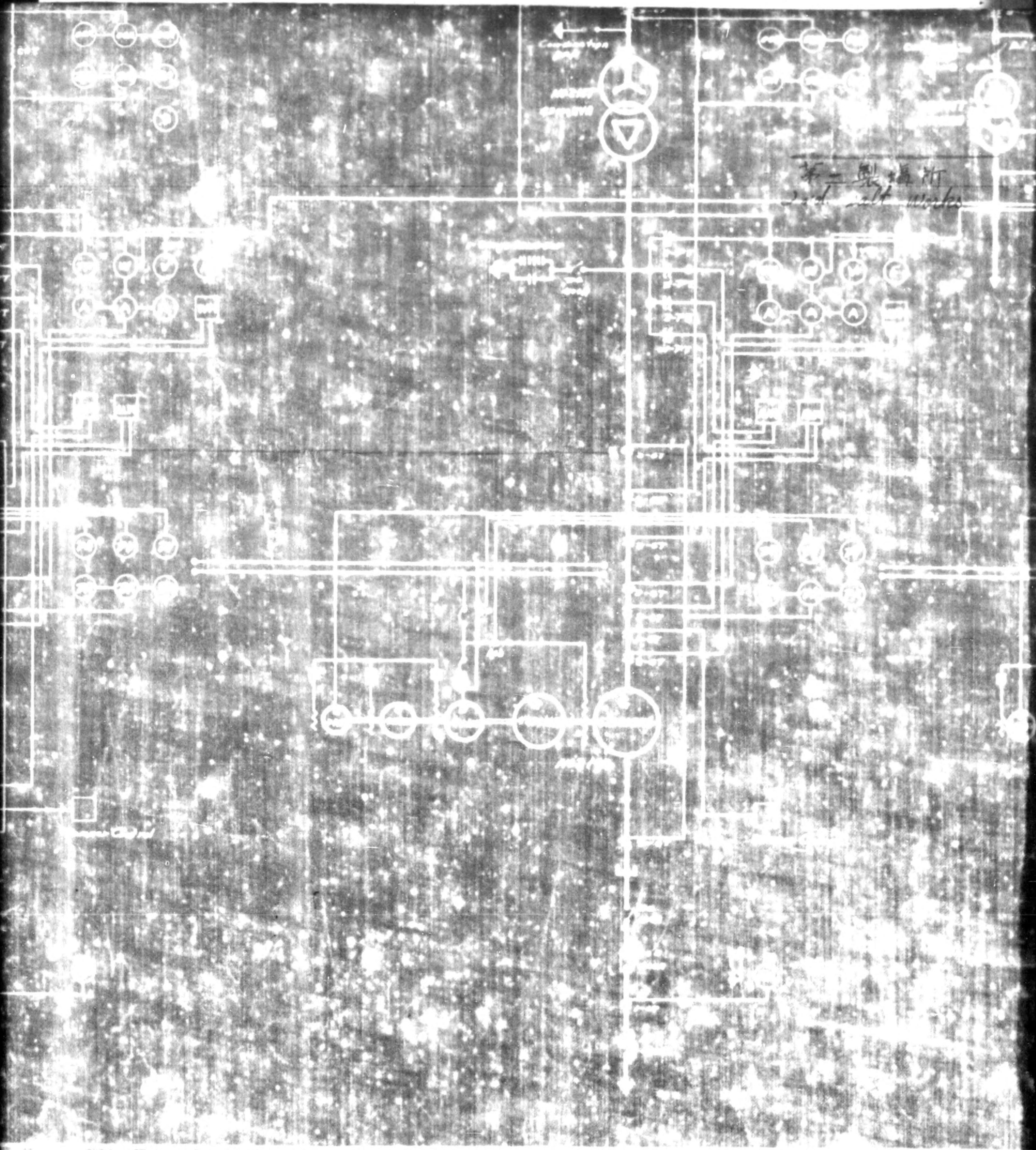
赤色部分、管理関係部分
red part shows relation Connection Diagram

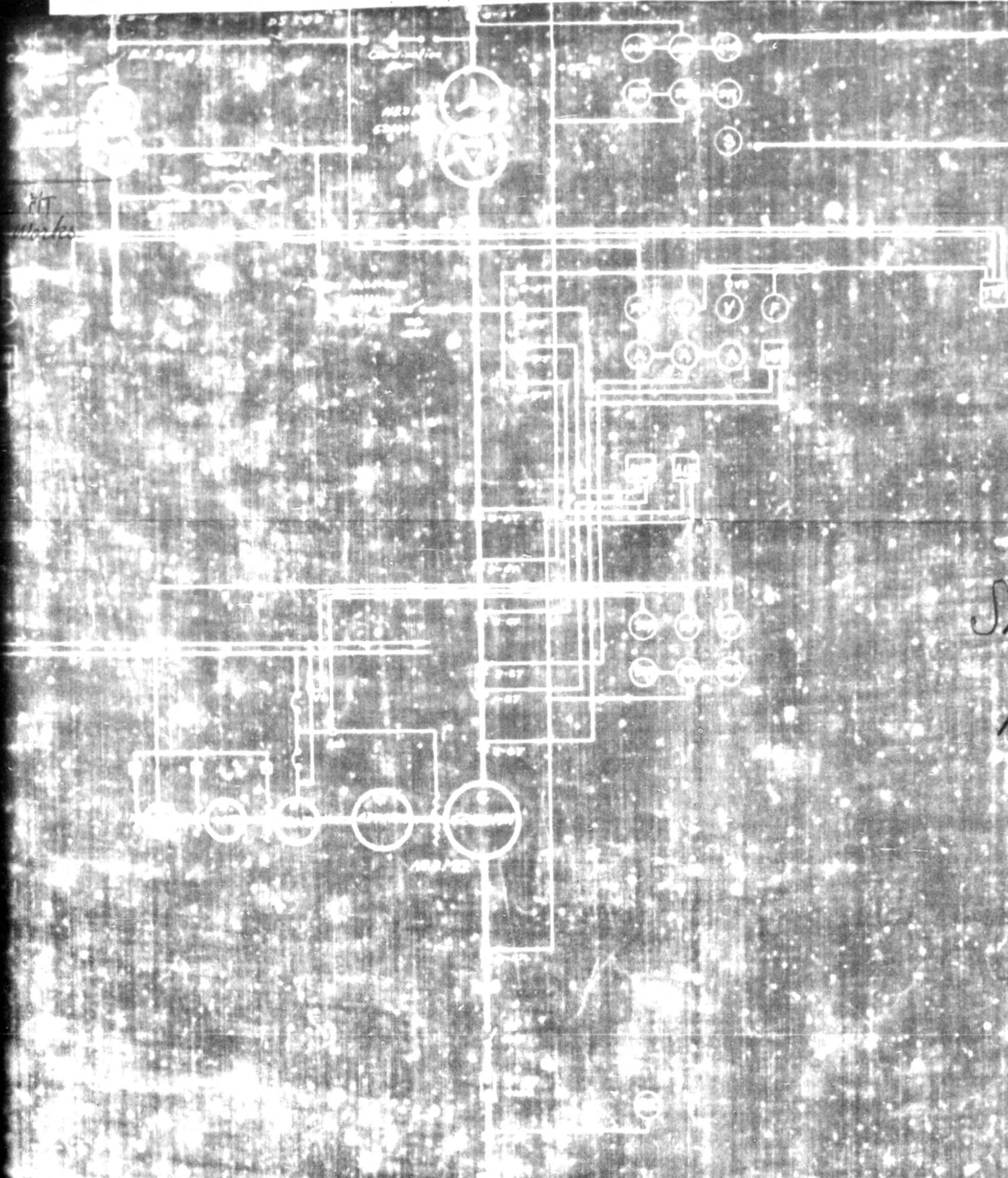
for salt manufacture

第二製塩所
2nd. salt works



775013





*Skeleton
Meino*



第一製塩所

1st salt works

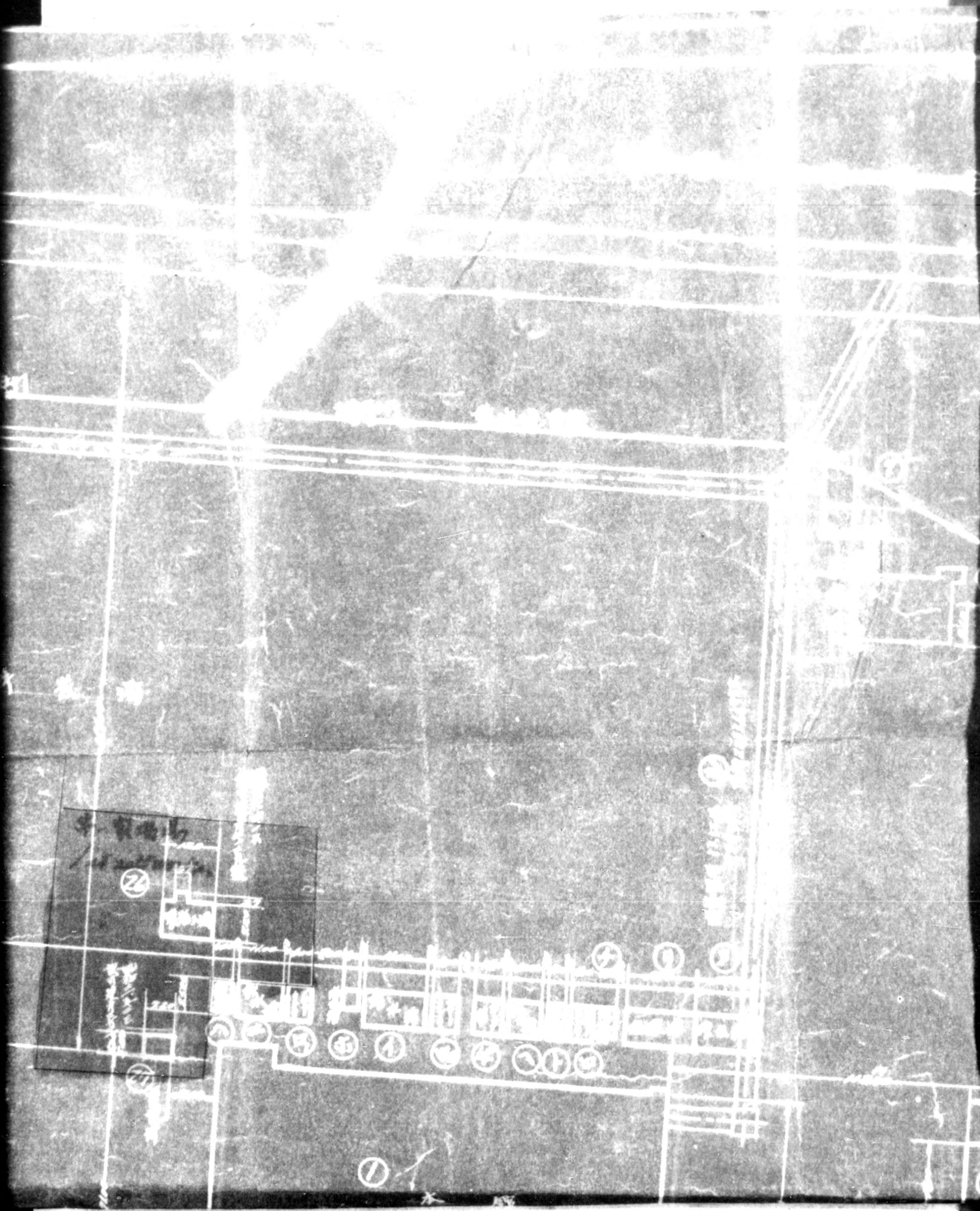
赤色部分、製造用機部に入力
red part show electric connection lines
for salt manufacture

Skeleton diagram for
Meiko steam power station

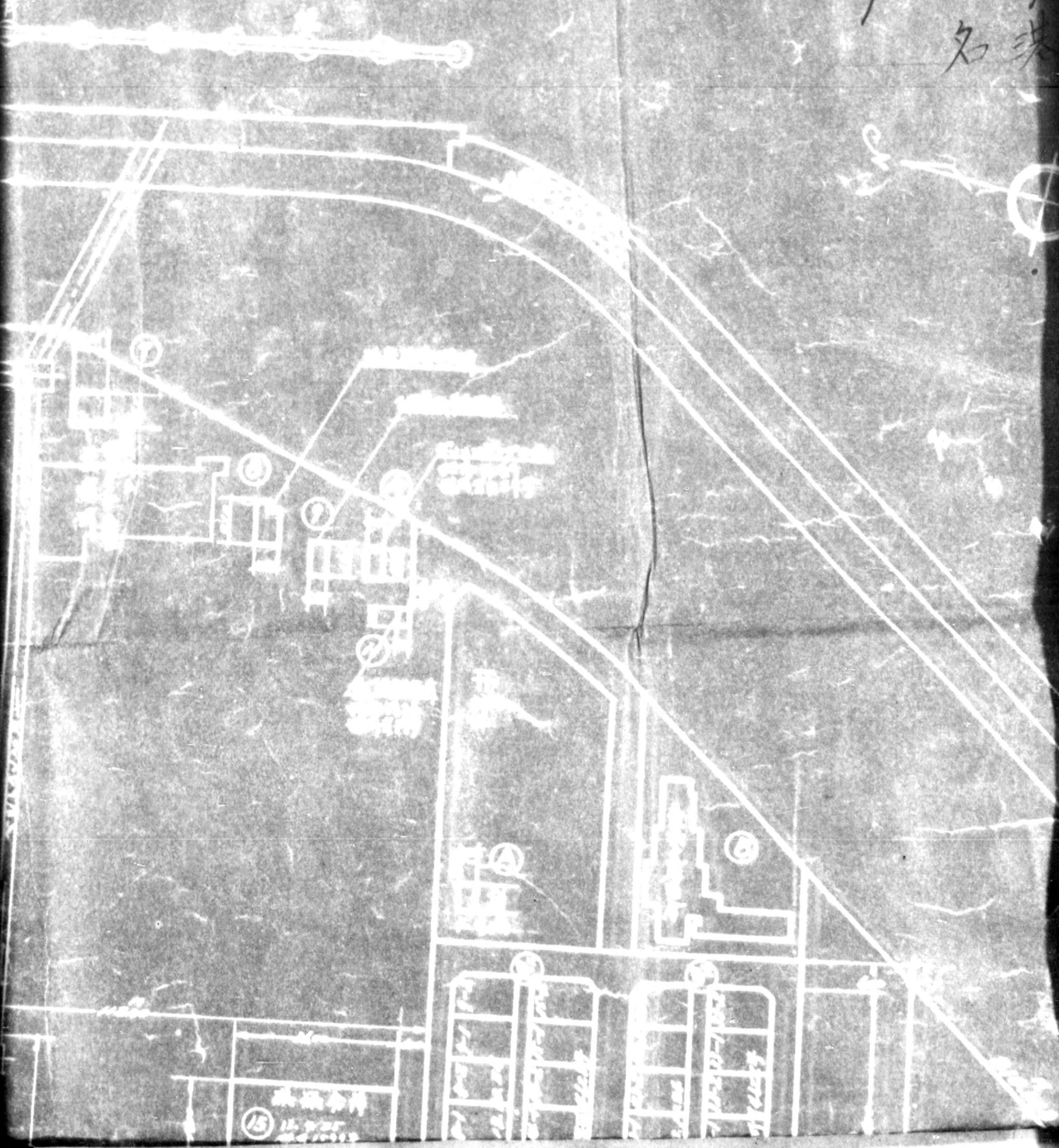


775013





Plan of
名表



名表
15

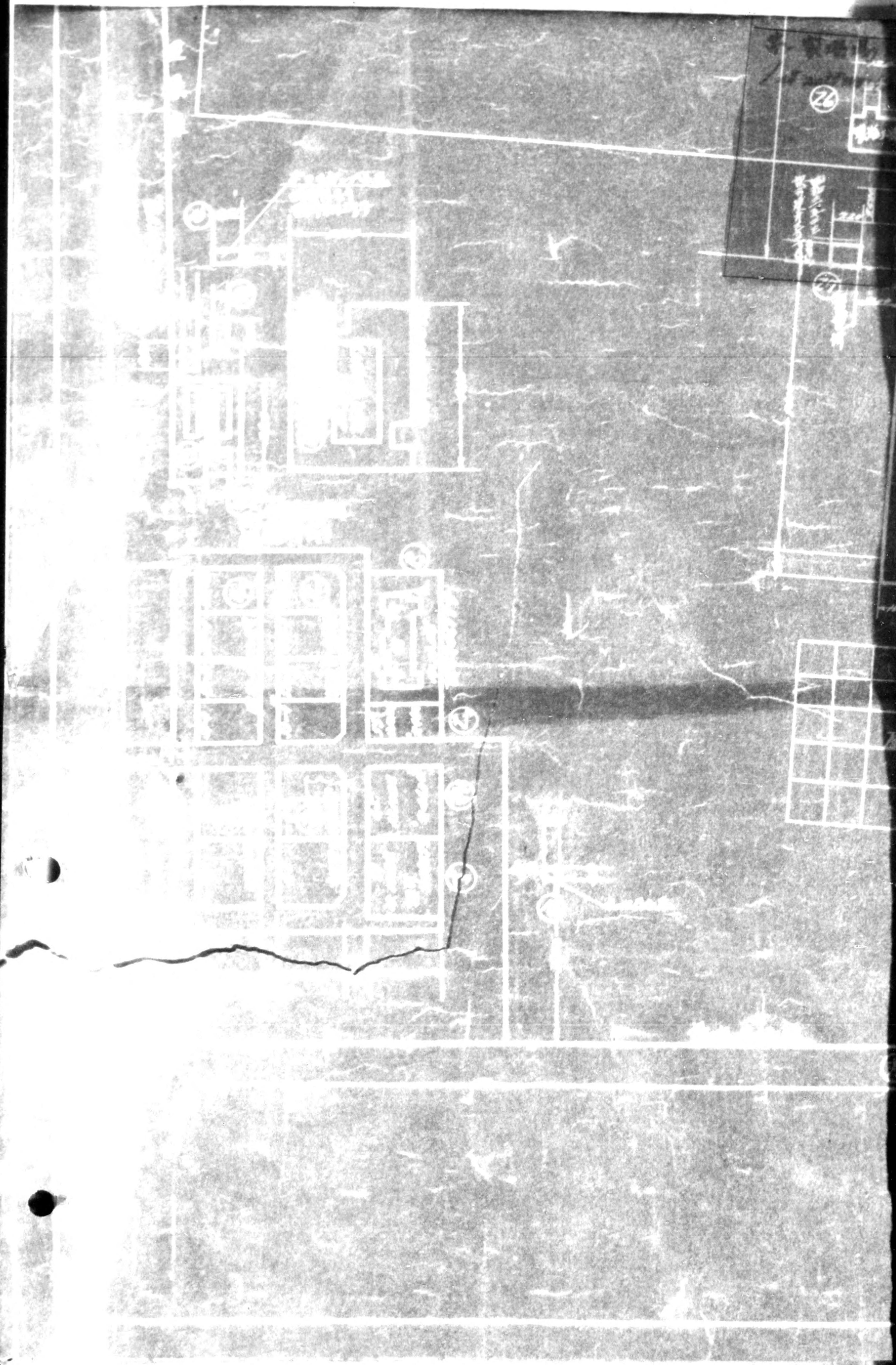
Plan of Meiko salt manufactory

名基製塩所平面図

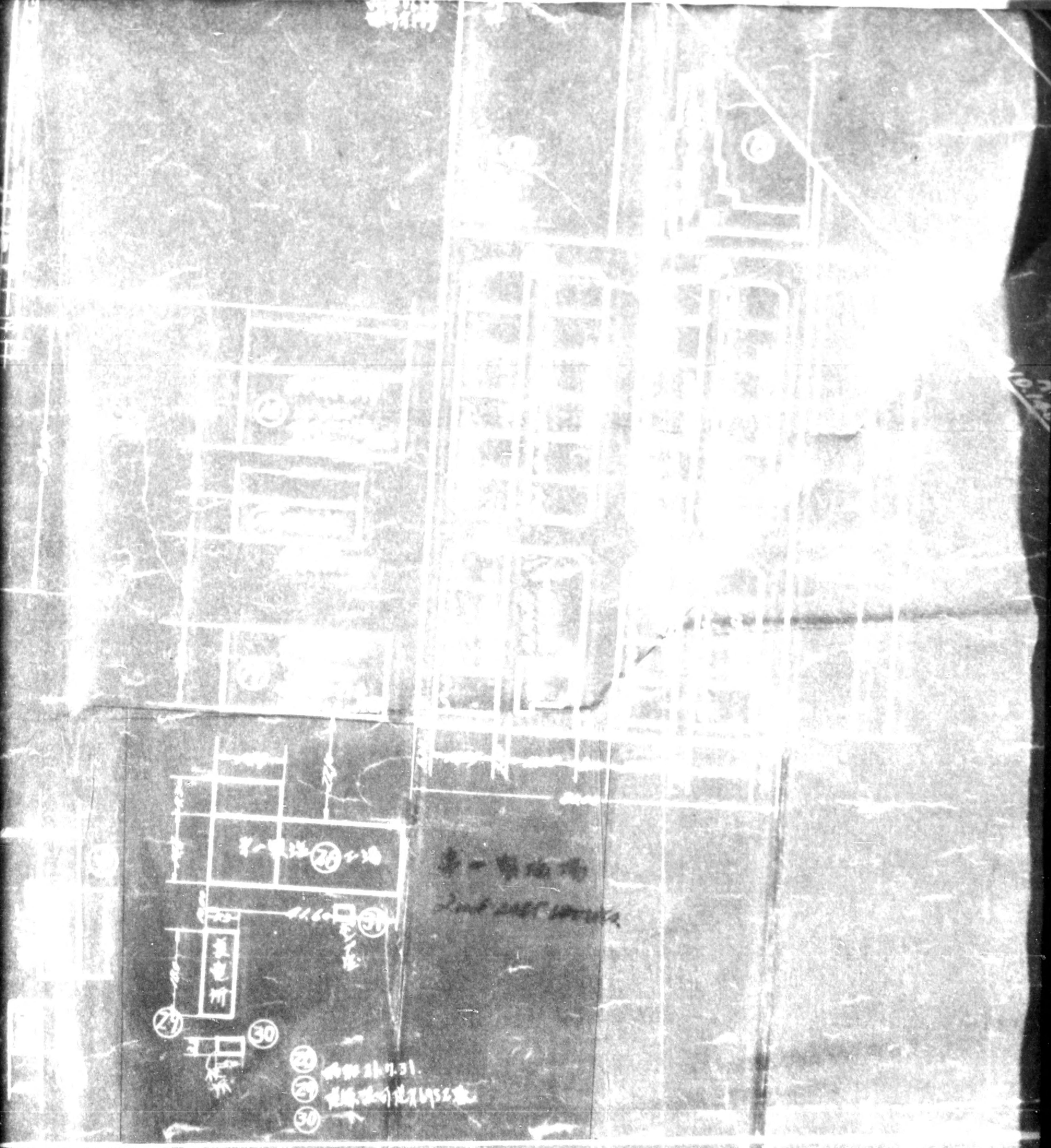


⑤

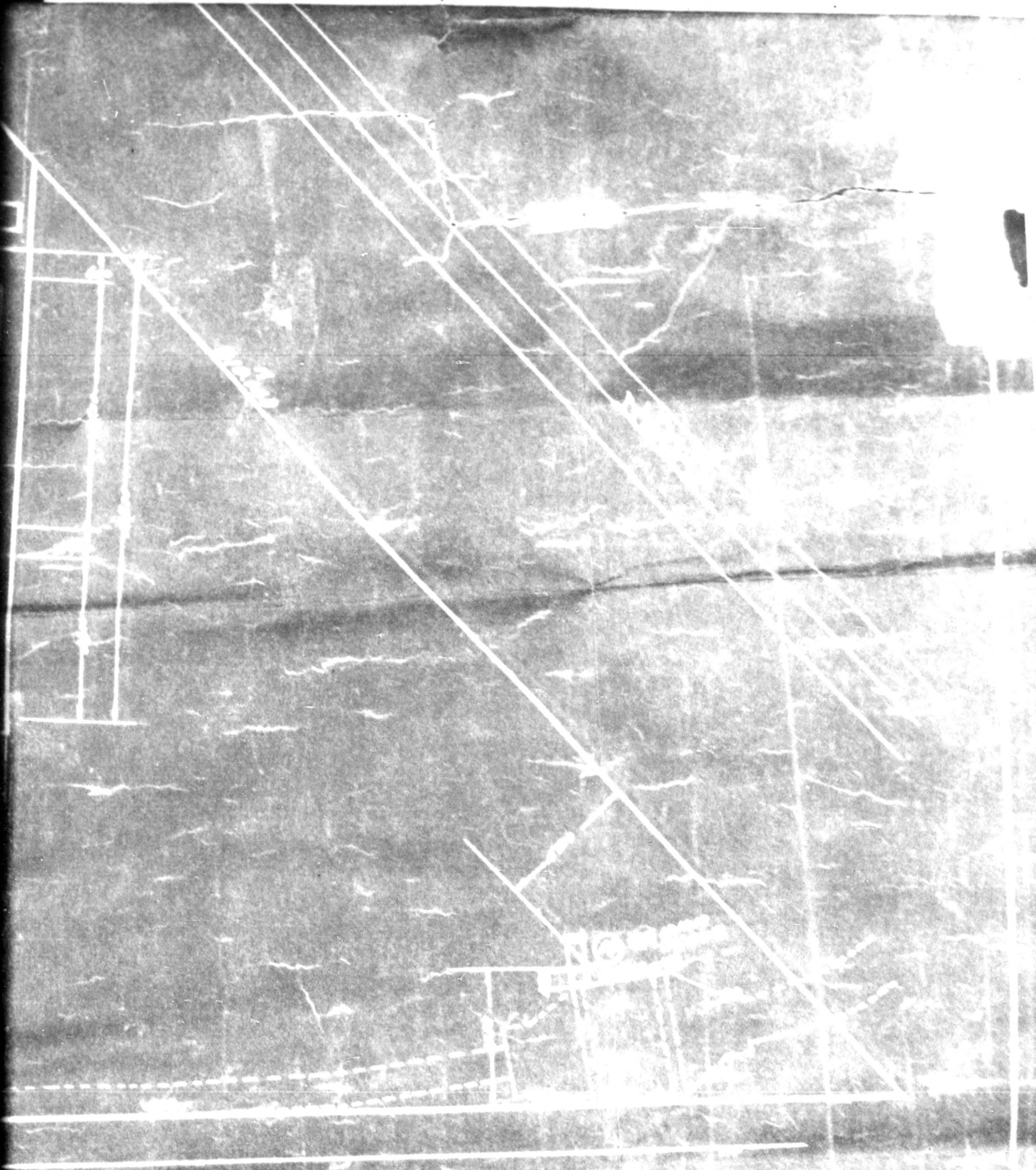
of water



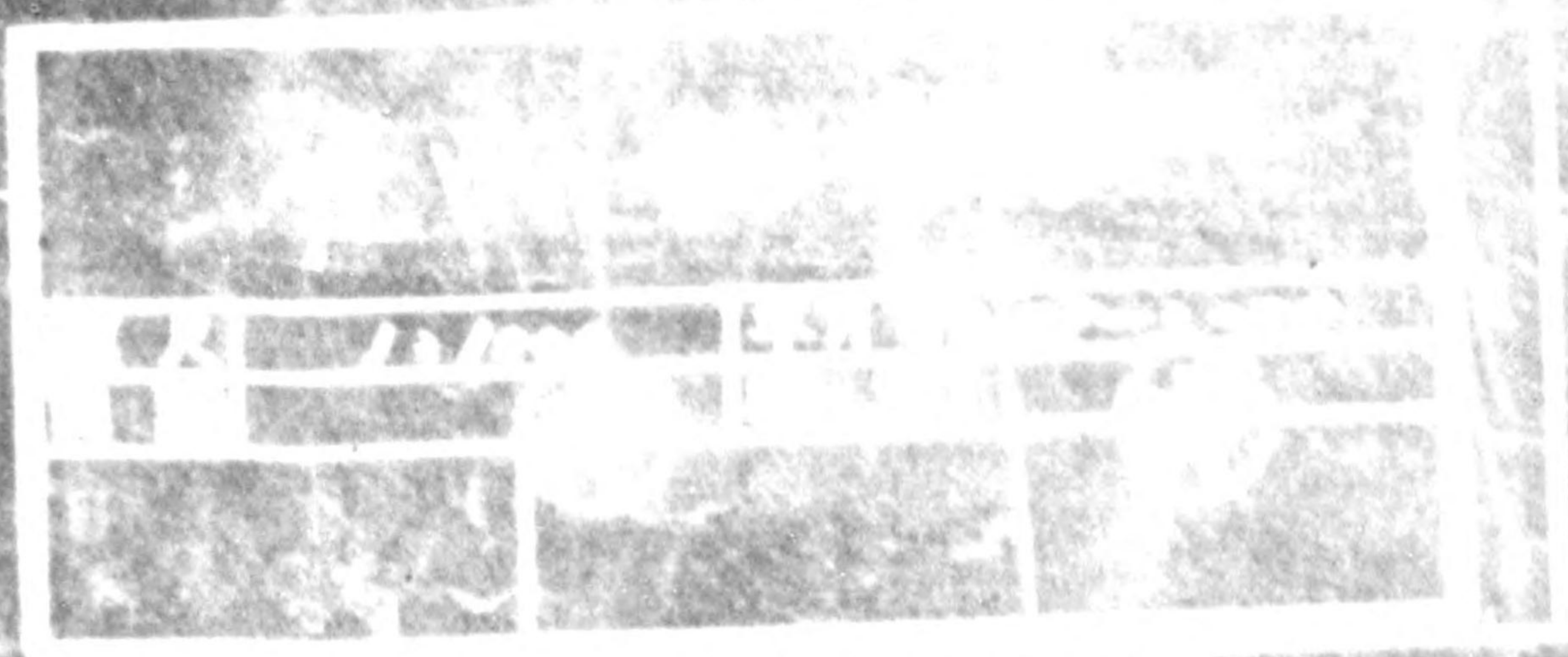




石塘製鹽所，正域並建築物
 (Salt line of Weike salt ma
 and its structures.)



九州、正城並建物
 of Meiko salt manufactory
 structures.



HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 U.S. ARMY

25 November 1946

SUBJECT: Production and Raw Materials Information.

TO . NIHON HATSUSODEN K.K., Meika Kojo,
Ichisu-cho, Minami-ku, Nagoya.

1. Information requested on the attached form (MGP 30) will be given in detail and complete to include part 13 and 14 on the reverse side of the sheet.
2. The estimated date of completion of production for the occupation forces is Production for Occupation Forces is nothing.
3. The estimated amount of raw materials on hand at the completion of production will be:

TYPES

QUANTITIES

Electric Power Plant.

4. This report is to be completed and returned to the Liaison Office, Aichi Prefecture Building, not later than noon (1200 hrs) Thursday, 28 November 1946.

FOR THE COMMANDING OFFICER:

Robert W. Hutcheson
ROBERT W. HUTCHESON
Capt. CMP
Adjutant

MGP 30

EXPEDITORS REPORT

Date 2 DEC ~~1946~~ 1946.

1. Company name. *Nihon Hatsusoden K.K. Meiko Power Plant.*
2. Street address: *Isaki-cho, Minato-ku, Nagoya.*
3. Telephone: *Tenkiji (6) 1148.* Resident manager: *Kanichi Shinoda.*
4. Indicate whether on hand:

Sample	Approved by	Date
Specs	Approved by	Date
5. Raw materials: (Type & quantities requested, allocated, on hand, due, critical factors)
6. Packing materials: (Type & quantities requested, allocated, on hand, due, critical factors)
7. Shipping instructions: (Knowledge of consignee, method of transportation, critical factors)
8. Inspection: (Comparison to standard, tests, workmanship, compliance w/specs)
9. Factory data: (No. of shifts, employees, equipment, space, organization)

<i>No. of shifts</i>	<i>2.</i>
<i>No. of employees</i>	<i>220</i>
<i>Equipment</i>	<i>6-Boilers, 3-main turbo-generators and 3-main transformers.</i>
<i>Space</i>	<i>184,403 m²</i>
<i>Organization</i>	<i>Steam power plant</i>
10. Remarks: (Completed stocks on hand, difficulties, anticipated delays, date and amounts of next delivery, will schedule be met, opinions)

Formerly Produced Precision Bearings.

11. Action taken locally:

12. Recommendations:

Expeditor

K. Shinoda

Forward copies in triplicate directly to Military Government Section, Headquarters Eighth Army, APO 343, attention Procurement Division. Attach copies of any manufacturers catalogues or other printed matter indicating size, type, or capabilities of company.

13. Order data:

PD or LD No.	Item No.	Item	Total Quantity	Unit	Scheduled Delivery Dates-Amts	Actual Delivery Dates-Amts	Rmks

14. Production data. (Refer to 13 above, include non-occupation force production.)

PD or LD No.	Item No.	Item	Actual capacity per month	Potential capacity per month	Remarks (potential capacity obstacles)
		At Present Generating Electricity			

MOI 30

EXPEDITORS REPORT

Date 2 Dec. 46

1. Company name. **Nihon Hatsusoden K.K., Heika Kojo**
2. Street address. **Ichieu-cho, Minami-ku, Nagoya.**
3. Telephone. **Tokiji(6)1148** Resident manager. **Kenichi Shinoda**
4. Indicate whether on hand:

Sample	Approved by	Date
Specs	Approved by	Date
5. Raw materials: (Type & quantities requested, allocated, on hand, due, critical factors)

6. Packing materials: (Type & quantities requested, allocated, on hand, due, critical factors)

7. Shipping instructions: (Knowledge of consignee, method of transportation, critical factors)

8. Inspection. (Comparison to standard, tests, workmanship, compliance w/specs)

9. Factory data: (No. of shifts, employees, equipment, space, organization)
 - No. of shifts: **2**
 - No. of employees **220**
 - Equipment: **6 Boilers, 3 main turbogenerators and 3 main transformers**
 - Space: **184,403 M²**
 - Organization: **Joint stock company**
10. Remarks: (Completed stocks on hand, difficulties, anticipated delays, date and amounts of next delivery, will schedule be met, opinions)

Formerly produced precision bearings.

11. Action taken locally:

12. Recommendations.

 Expeditor

Forward copies in triplicate directly to Military Government Section, Headquarters Eighth Army, APO 343, attention Procurement Division. Attach copies of any manufacturer's catalogues or other printed matter indicating size, type, or capabilities of company.

775013

13. Order data:

PD or LD No.	Item No.	Item	Total Quantity	Unit	Scheduled Delivery Dates-Amts	Actual Delivery Dates-Amts	Rmks

14. Production data.: (Refer to 13 above, include non-occupation force production.)

PD or LD No.	Item No.	Item	Actual capacity per month	Potential capacity per month	Remarks (potential capacity)
					At present generating electricity.

0

HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 (Nagoya, Honshu)

(a)

CJO'B/hi

29 October 1946

SUBJECT: Application for the Removal from the
Reparations List of the Nippon
Electric Power Co., Meiko Branch
(01-86)

TO : Commanding Officer, Tokai-Hokuriku
Mil Govt Region, APO 710
Attn: Res. Comm & Ind Officer

1. Transmitted herewith in quintuplicate
is an application for the removal from the re-
parations list of the Nippon Electric Power Co.,
Meiko Branch (01-86).

2. It is claimed by the Governor of Aichi
Prefecture, the Nagoya Chamber of Commerce and
the subject company that the loss of this source
of electric power would seriously affect the
necessary industrial power supply.

3. In the absence of any criteria for
selection this headquarters forwards this applica-
tion without recommendation.

FOR THE COMMANDING OFFICER:

Incls:
1. Application
(5 copies)
2. Recommendation
(5 copies)

ROBERT W. HITCHESON
Captain CJP
Adjutant

AICHI PREFECTURAL GOVERNMENT

23 October 1946

TO : AICHI MILITARY GOVERNMENT TEAM

THRU : Japanese Liaison Office, Tokai-Hokuriku District.

SUBJECT: Petition of Meiko Power Plant for the Postponement of removal and partial exemption from the Reparation List.

The Aichi Prefectural Government wishes to transmit herewith the petition rendered from Meiko Power Plant for the postponement of its removal and its partial exemption from the Reparations List.

As regards the thermal power plant, we understand that the Central Liaison Office has already submitted the petitions to the 8th Army, which is made up the country-wide viewpoint. But this prefecture wishes to add something more from the standpoint of this prefecture: that is, as is described in the petition, the plant is needed to the industry of the district concerned for at least two years more, because the electric transmission equipment could not be so early transferred to other power installation under the present condition. And another point is this, part of the equipment of the plant named has nothing to do with the electric generation, which they earnestly wish be exempted from reparation.

The Aichi Prefectural Government will be very much obliged if this petition should be taken up and your generous consideration be paid upon it.

Mikine Kuwahara

MIKINE KUWAHARA
Governor, Aichi Prefecture.

Explanation on the removal of thermal power plant from
the Reparations List and the postponement of removal
operation.

1. The total demands of electric power in Japan in coming winter is expected to be over 4,000,000 KW, even after limiting supplies within most essential and urgent by curtailing supply to all salt producing plants, electric boilers and the most of the special usage.

Output of hydro-electric power plants are estimated to be about 3,000,000 KW.

This indicates the deficiency of 1,000,000 KW, if it is to be supplied solely by hydro-electric plants in the driest season (February). In order to supplement this deficiency, it was planned to operate 32 thermal power plants whose authorized capacity is 2,100,000 KW in total (actual capacity 1,063,000 KW). But recently 20 thermal plants, of superior equipment the authorized capacity of which amount to 1,373,000 KW in total (actual capacity estimated to be 744,000 KW at the end of February, 1947, was designated for reparations and we will be confronted with deficiency of about 430,000 KW even when all of the remaining plants, which are rather in obsolete conditions, including those 12 plants left out of 32 plants originally intended to operate, are put in operation.

2. From territorial view-point, there will not be much difficulties in Hokkaido and Shikoku districts, while there will be big deficiency in the power supply in Central Honshu, Chugoku and Kyushu districts as shown in the attached table No. 1. Deficiency will be felt not only in this coming winter, but it will increase each year to come. In view of the fact that almost half of the demands in Kyushu district is consisted of those for coal mines and fertilizer manufacturing, a special consideration should be paid to the tendency of deficiency mentioned above.

3. Those thermal power plants designated for reparations are of superior class, while those which are to be left belong to inferior class. In case when those plants of inferior class are to be operated, the rate of coal consumption will be expected to increase by 50%.

70% of those thermal plants which have equipments to use pulverized coal in order to consume low grade coal efficiently have been designated for reparations. It will cause inconvenience for consuming low grade coal economically in future.

Those two facts will add difficulties to the balance of general coal supply and consumption in Japan in coming years.

4. The reliability of the transmission system in Japan are much impaired as the result of typhoons which visit Japan almost every year.

Therefore, the thermal power plants are, built near the coal mines which needs high reliability of electric supply, as to be seen in the case of Minate and Ainoura power plants in Kyushu district and Onoda plant in Chugoku district. These plants are designed to fit for the characters of low grade coal from the nearby mines, as in the case of Onoda plant in Chugoku district.

5. In view of difficulties stated above, we hereby wish to appeal that special amendment will be made on the designation of those 20 thermal power plants as follows:-

a - Those main thermal plants existing mostly in Chugoku and Kyushu districts, which are indicated in the table No.2 attached, will be removed from the Reparations List, or substituted by thermal plants not designated by the list.

b - As to those thermal plants existing in Kinki and Tokai districts and are shown in the table No. 3 attached, it is requested to postpone removal operation until such time when repairs and extensions on the remaining plants are completed.

c - We wish to retain those equipments which are entirely independent of generating electric power, such as substation, switching station for local supply, phase controlling devices necessary for sustaining voltages of the distributions system, or the steam boiler to supply steam to the neighboring factories, etc. in the power plants shown in the table No. 4 attached. It is requested to exclude these installations from shut-down and from removal operation, as it causes inconvenience when the designated power plants are to be closed within 60-day limit.

Table No.1

Chart of Power Demand & Supply at Peak Load Hours in February, 1947

(Unit in 1,000 KW)

	Hokkaido	Tohoku & Central Part of Honshu	Chugoku	shikoku	kyushu	All Japan
1. Power demand generated in million KWH	80.5	1,619.4	136.9	77.7	256.1	2,170.6
2. Power demand generated (max. in KW)	155	3,030	255	140	490	4,070
3. Monthly load factor	77%	80%	83%	83%	78%	79%
4. Power supplied by hydro plants	135	2,430	165	90	220	3,040
a. Haseden	102	1,990	121	55	136	2,404
(1) By plants of natural flow type	48	1,304	94	46	107	1,599
(2) By plants with daily regulating reservoir	4	411	27	9	29	480
(3) By plants with seasonal regulating reservoir	50	275	-	-	-	325
b. Haiden and other utilities	33	440	44	35	84	636
5. Power transferred from other districts	-	0	(-)35	-	35	-
6. Power to be supplied by thermal plants	20	600	125	50	235	1,030

7. Available capacity of thermal plants	20	338	53	50	95	556
a. Hassoden	6	305	48	27	65	451
b. Haiden and other utilities	14	33	5	23	30	105
8. Deficit in power generation	0	(-)262	(-)72	0	(-)140	(-)474
9. Deficit rate against maximum power demand	0	(-) 9%	(-)29%	0	(-) 29%	(-) 12%
10. Power to be increased						
a. In case release be approved:--	-	45	85	-	131	261
b. In case replacement be approved:--	-	20	-	-	-	20
c. In case postponement be approved:--	-	145	-	-	-	145
d. Total	-	210	85	-	131	426

Table 2.

Power Plants to be exempted from the list of removal

District	Name of power plants	Authorized Capacity KW	Actual capacity KW (At the end of 1946)
Kyushu	Ainoura	64,500	56,000
	Tobata	133,000	45,000
	Minato	116,000	30,000
Sub-Total	3	313,500	131,000
Chugoku	Onoda	15,000	15,000
	saka	64,200	35,000
	Samban	51,500	35,000
Sub-Total	3	130,700	85,000
Kinki	Shikamako	65,000	45,000
Total	7	509,200	261,000

Power plants to be substituted

District	Name of power plants	Authorized Capacity KW	Actual capacity KW (At the end of 1946)
Kinki	(designated) Amagasaki No. 1 (half)	159,000	80,000
	(substitute) Amagasaki Higashi	147,000	60,000

Note: Half of Amagasaki No. 1 is requested to be substituted.

Table No.3

Power plants of which postponement of removal is desired

District	Name of plants	Authorized capacity K W	Actual capacity K W
Kinki	Kidzugawa	65,000	30,000
	Ajikawa	15,000	15,000
Tokai	Meiko	138,000	100,000
Total	3	217,000	145,000

Table No.4

Power plants in which a part of equipments is desired to be exempted from the list of removal.

District	Name of plant
Hokkaido	Ebetsu
Kanto	Tsurumi
Tokai	Shimizu
	Meiko
Sub-Total	2
Hokuriku	Toyama
	Miyazu
Kinki	Kidzugawa
	Ajikawa
Sub-Total	3
Chugoku	Matsue
	Unenishi
Sub-Total	2
Shikoku	Tokushima
	Saijo
Sub-Total	2
Total	12

H. TOYODA
S. TAKAMATSU
VICE-PRESIDENTS

K. AOKI
PRESIDENT

S. MUKAI
SECRETARY

THE NAGOYA CHAMBER OF COMMERCE & INDUSTRY
NAGOYA, JAPAN

October 10th, 1946.

To : The 30th Military Government Team
Subject: Petition for your exempting the following plant from the reparation list.

Nippon Electric Power Co. (Meiko Branch)

We, the chamber of commerce and Industry, Nagoya, are aware that the above plant is designated in the reparation list by the SCAP instruction -1129 dated August 13th, 1946. However, we do earnestly hope that you would pay your special consideration to the matter for the unmentioned reasons and leave it out of the custody purposes.

The maximum quantity of water power in this area can only supply two-third of the demand and we have, by all means, to rely on the said plant of The Nippon Electric Power Co., especially in the draught season.

(a) Estimate quantity of electric power in the Tokai District this fall.

(1947)	Electric power requir'd per day	Water power supply per day	Required Heat power per day	Elec. Power needed at heat pwr. house
January	6,000 KWH	4,130 KWH	1,870 KWH	130 KW
February	6,000 "	4,130 "	1,870 "	130 "
March	7,400 "	5,650 "	350 "	50 "
		(till mar.15th)	(till mar.15th)	

(b) As shown in the above table, they have two power supply plants in Nagoya. Namely, Meiko Branch (registered power of 138 KWH) and Nagoya Branch (registered power of 129 KWH). But as the latter is quite old in its establishment and cannot expect to get the average power of 60 KWH, the city has to depend on the former plant, Meiko Branch, accordingly.

(c) Furthermore, The Meiko Branch has special coal furnace and their consumption of coal is 0.61 kg. per KWH and which will save almost about 20% of coal in comparing with that of The Kansai Districts and our city is so far located from the coal manufacturing districts as Hokkaido and Kyushu. The above reasons make us feel that The Meiko Branch plays a very important roll in this vicinity.

Such as being the case, we do never hesitate to recommend that this plant should be left excluded from the Reparation list. We would highly appreciate your special consideration to this matter.

The Nagoya Chamber of Commerce and Industry,

President.

T. Miwa
T. Miwa