DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

(1) Box no. 3016

(2) Folder title/number: (12)
Nippon Hassoden K.K. - Matsue Steam Power Plant

(3) Date: Jan. 1947 - Mar. 1951

(4) Subject:

Classification	Type of record
9230, 9617	c

(5) Item description and comment:
Shimane

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

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Name: Nippon Hasoden K.K. (Matsue) Code No. 36-2

Date 22 January 1951

SECTION I
INVENTORY DATA

1.	Total items originally inventoried:		67
2.	Originally inventoried items not available for allocation:		
a.	EX items		
	(1) Originally inventoried EX	0	
	(2) Subsequently deleted from EX classification	0	
	(3) Total (line a(1) less line d(2))		0
b.	Subsequently released from custody		0
	(1) Woodworking*		0
	(2) Others*		0
c.	Destroyed SP*		0
d.	Subsequent losses from fire, theft, etc.*		0
e.	Released from dispersed location*		0
f.	Shipped to TID*		0
g.	Removed under PD*		0
h.	Removed on allocation		0
i.			
3.	Total deduction from original inventory		0
4.	Item missed from original inventory-subsequently picked up		4
5.	Adjusted original inventory total (line 1 less line 3, plus line 4)		71
6.	Subsequent additions to inventory		
a.	Returned PD'd items*		0
b.	Added on evaluation		0
c.			
d.			
7.	Inventory total		71
8.	"U" items (Operating under SCAPIN 1131, 13 Aug. 1948)		71
9.	Total items available for allocation (line 7 less line 8)		0

SECTION II
MISCELLANEOUS

1. Non-inventoried items shipped to TID —
2. Items inventoried under other plant code numbers 0 (Not included in line 9, SEC I)
3. Authorized transformer capacity — KW
4. EX items subsequent to original inventory 99

* See reverse side

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OK
4/10/86

IA

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
2 MAR. 1949	THE PERMISSION TO THE CODE NUMBERS OF THE REPARATION DESTINATED MACHINES	MATSUE STEAM POWER PLANT. BASIC.
28 NOV. 1949	INVENTORY DATA (36-2)	C.C.A.R.
17 Jan. 48	Reclassification of Certain Reparations Machines.	SMGT - Basic
26 NOV. 1949	INVENTORY DATA, (36-2) MATSUE STEAM POWER PLANT, J.E.G.&T. CO. LTD.	SHIMANE PREF. GOV'T. BASIC.

I.A.-INVENTORY

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Name: Matsue Steam Power Plant. Code No. 36 - 3
J.E.G.&T.Co.Ltd.

Date November 26 1949

SECTION 1
INVENTORY DATA

1.	Total items originally inventoried:		47
2.	Originally inventoried items not available for allocation:		
	a. EX items		
	(1) Originally inventoried EX	0	
	(2) Subsequently deleted from EX classification	0	
	(3) Total (line a(1) less line a(2))		0
	b. Subsequently released from custody		0
	(1) Woodworking		0
	(2) Others		0
	c. Destroyed SP		0
	d. Subsequent losses from fire, theft, etc.		0
	e. Released from dispersed location		0
	f. Shipped to TID		0
	g. Removed under PD		0
	h. Removed on allocation		0
	i.		
3.	Total deduction from original inventory		0
4.	Item missed from original inventory subsequently picked up		4
5.	Adjusted original inventory total (line 1 less line 3, plus line 4)		71
6.	Subsequent additions to inventory		
	a. Returned PD'd items		0
	b. Added on evaluation		0
	c.		
	d.		

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7.	Inventory total	71
8.	"U" items	0
9.	Total items available for allocation (line 7 less line 8)	71

SECTION 11
MISCELLANEOUS

1.	Non-inventoried items shipped to TID	0
2.	Items inventoried under other plant code number, (Not included in line 9, SEC 1)	
3.	Authorized transformer capacity 3000 X 8 KVA (2 spare stores included)	
4.	EX items subsequent to original inventory	0

See reverse side

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HEADQUARTERS
SHIMANE MILITARY GOVERNMENT TEAM
APO 317

FCW/cs

SMGT 004.

17 January 1948

SUBJECT: Reclassification of Certain Reparations Machines.

TO: Commanding Officer, Headquarter, Chugoku Military Government Region, APO 317, Kure, Honshu.

1. In compliance with instructions regarding lists of Reparations Machinery, moved to present Dispersal areas prior to custody, by SCAP; Code Number, Name, and address of Dispersal Area, of present location of machinery; number of machines to be released from Reparations Catagory; and number of machines to remain in Reparations Classification in this Prefecture, the following information is submitted:

a. List of machinery to be released from Reparations Catagory.

Name & address of dispersal area.	Code Number		No. of Mach
Nippon Hassoden K.K.	36-2-1		
(Matsue Steam Power Plant)	36-2-2		
392-1 Higashitsuda cho, Matsue.	36-2		2
(Note) Exempt as Power Plant Machinery		Total	2 Machs
Daiwa Boseki K.K.			
(Daiwa Cotton Spinning Co.)	36-4(3)	Installed 14 Nov. 1945	69
Shinji Works, Shinji, Yatsuka-gun	36-6(3)	Installed 25 Jan. 1945	24
		Total	93 Machs
Imaichi Kogyo Gakko, (Imaichi Technical School), Izumo-shi, Otsu-cho.	36-4(5)	Installed 17 Feb.1945	22
		Total	22 Machs
Gotsu Kogyo Gakko (Gotsu Technical School), Gotsu-cho, Naka-gun	36-1(6)	Installed 15 June 1945	~~16~~ 15
		Total	~~16~~ 15 Machs

Exempt 46.12 CPC.

~~36-1(6) 6~~ 9 ~~(16)~~

~~36-1(1) 1~~ 10.

VI C

36-2

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Ishibashi Jukogyo K.K. (Ishibashi Heavy Ind. Co.Ltd.) Otesenba-cho, Matsue	36-4(7) (Installed 9 May '44)	4	
	36-6(7) (" 5 May - 30 Sept. 1944)	6	
	36-7(7) (" 22 Apr.'44)	1	
	36-8(7) (" 9 June'44)	1	
	Total		12
Kitai Tekkosho (Kitai Iron Works)	36-4(9) (Installed 1940, No. Unknown)	3	
	Total		3
Nakashima Seisakusho (Nakashima Sewing Mach.Works) 567 Otesenba, Matsue	45-4-3726 (installed 20 May'45)		
	-3727 (" ")		
	-3728 (" ")	4	
	-3729 (" ")		
	Total		4
Enjo Tekkosho (Enjo Iron Works) 465 Kisuki-cho, Chara-gun.	36-3(11) (Installed 29 Aug.45)	3	
	Total		3
Hamada Kikanku (Hamada R.R.Engine Section) Hamada-shi, Naka-gun	36-1(12) (Installed 25 Aug.'45)	2	
	Total		2
Iwami Kinzoku K.K. (Iwami Metal Ind. Co.Ltd.) 128 Goda, Gotsu-cho, Naka-gun	36-1(13) (Installed 20 Aug.'44)	1	
	Total		1
Ishida Kikai Seisakusho (Ishida Machine Mfg. Works) 1841 Masuda-cho, Mino-gun	36-3(14) (Installed 20 Sept.'45)	1	
	Total		1
Hamada Hosenku (Hamada R.R.Maintenance Section) Hamada-shi, Naka-gun	36-1(15) (Installed 25 Aug.45)	1	
	Total		1

Total Machines to be dropped from Reparation Catagory _____

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b. Total Number of Machines and Code Number of Dispersal Areas to remain in Reparations Classification.

Name & Address of Dispersal Area	Code Number		Total No. of Mach.
Nakamura Zosen Tekkosho (Nakamura Shipbuilding & Engr Dept.) 28 Higashi-Asahi-Machi Matsue	36-4(2)	Installed 20 May 1945	95
	36-4(17)	Installed 15 July 1947	1
(Note) 23 Special Purpose Machines dropped from List.		Total	96 Machs
Iwami Seizosho (Iwami Plant, Osaka Arsenal) Gotsu-cho, Naka-gun	36-1(1)		794
(Note) 143 Special Purpose Machines dripped from List.		Total	794 Machs
Izumo Zoki K.K. (Izumo Shipbuilding Co. & Machine Works.) 220 Shimada-mura, Nogi-gun.	36-4(4)	Installed 15 Feb.1946	42
		Total	42 Machs
Makoto Kamano Masuda-cho, Mino-gun	36-3(8)	Installed 20 Aug.1946	6
		Total	6
Yoneda Tekkosho (Yoneda Iron Works) 944 Yokota-cho, Nita-gun	36-3(16)	Installed 20 Apr '46	2
		Total	2
Shimane Bicycle & Metal Plating Factory 1932 Otsu-cho, Izumo-City	36-4(18)	Installed 10 July '46	3
		Total	3
Total Number of Machines to Remain in Reparations Classification.			

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File

Matsue Steam Power Plant.
J.E.C.&T. Co. Ltd.
Matsue, 3 March 1949.

TO : Cap. S.H. Condict. SMGT.

SUBJECT : The permission to the code numbers of the reparation destinated machines.

In accordance with the order of MGT. today, we use next code numbers for under-said machines.

36-2 IA

CODE NUMBER	THE NAME OF MACHINES
(AH 1)	For No.1 ash-handling conveyer in boiler room
(AH 2)	For No.2 "
(MT 1)	For a lathe in machine shop
(MT 2)	For a drilling machine In machine shop

(end)

Osamu Fukuyama

Osamu Fukuyama
Custodian

Matsue Steam Power Plant.
J.E.C.&T. Co. Ltd.

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NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
SECTION 1B. Maps

1B

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

Section 1B. Maps

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DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
1 FEB. 1947	REPARATIONS CATALOGS	H.Q. EIGHTH ARMY BASIC
29 DEC. 1947	TRANSFER OF CUSTODIAL AGENT (REPARATIONS MACHINES)	MATSUE ELECTRIC STEAM POWER PLANT BASIC
18 FEB. 1948	CHANGE OF REPARATION PLANT GUARDS	COMMERCE & INDUSTRY SECTION, SHIMANE PREF. GOVT. BASIC

I.C. - MANAGEMENT, GUARDS AND MAINTENANCE PERSONNEL

Ic

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Reparation File
SIC File

COMMERCE & INDUSTRY SECTION
SHIMANE PREFECTURAL GOVERNMENT

36-2
IC

Matsue
18 February 1948

SUBJECT: Change of Reparation Plant Guards

TO : Captain John C. Shaw, Jr.,
R C & I Officer, SMGT

1. In accordance with the instruction from the Director of Reparation Enforcement Bureau in the Commerce and Industry Ministry in Tokyo dated 27 December 1947 policemen who had hitherto guarded the Matsue steam powerhouse of the Nippon Hassoden K.K.(Japan Power Generating & Transmission Co Ltd) have been supplanted by civilian guards effective 1 February 1948.

2. Up to and including 31 January the premises were guarded by a policeman and five assistants, and 12 company guards, whereas on and after 1 February eight company guards have been guarding the premises embracing 1,390 tsubo buildings.

3. Six men guards the main entrance on three shifts, two being on each shift. Two men guards the main plant at night alone on two shifts,

4. Those who guard the main entrance see to it that only those who are authorized enter the premises, that nothing is taken away from the premises. One of the two men is stationed at the guard post, and alternately makes round of inspection of the premises with the other.

5. Those who guard the main plant at night keep a close contact with the entrance guards and see that nothing designated as reparation is stolen or damaged and prevent or control fire or other disasters.

6. Osamu FUKUYAMA, superintendent of the powerhouse is responsible for the guards.

Masaru Kakehi

MASARU KAKEHI
Chief,
Commerce & Industry Section, SPG

SI:EK

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HEADQUARTERS
SHIMANE MILITARY GOVERNMENT TEAM
APO 317

29 December 1947

SUBJECT: Transfer of Custodial Agent (Reparations Machines)

TO : Commanding Officer, Shimane Military Government,
APO 317, Matsue Honshu.

1. As per our conversation with Major F.C. Wiggins, RC&I Officer, your Headquarters, The Custody of the two (2) Reparations Machines, Code 36-2, is hereby transfered from Yoshio Higaki, Mgr of Matsue Steam Power Plant to Osamu Fukuyama, (New Mgr of plant) as of 27 December 1947.

36-2
IC

Yoshio Higaki.

YOSHIO HIGAKI
Matsue Electric Steam Power Plant.

Osamu Fukuyama

2

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

AG 461 (MG-Em)

1 Feb ~~1937~~ 1947

SUBJECT: Reparations Catalogs

TO : Commanding Officer,
Chugoku Military Government Region,
APO 317

OMATSUE 36-2 I.C

1. Extracts from the preliminary Catalog of Thermal Electric Power Plants for the Interim Reparations Program (GHQ, SCAP, 16 December 46) and the preliminary Catalog of Machine Tools Industry for the Interim Reparations Program (GHQ, SCAP, 26 December 46) are forwarded herewith for your information.

2. Included are general introductory explanations and copies of all information sheets contained in the catalogs covering reparations plants in these categories within your jurisdiction.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

/s/ R. Schafer
/t/ R. SCHAFER
Lt. Col AGD
Asst. Adjutant Genreal

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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 1936.

This catalog contains data for the following plants:

Name of Plant	Authorized Capacity KW	Percent of estimated total for industry
Ajigawa	16,000	.8
Ebetsu	37,000	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 plan s 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 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 claims. 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 the

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reparations claims. Conversely it wil serve as a basis for the elimination of plants that are of no interest.

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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 itemsof 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 stocker 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 systems.

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.

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LOC VII-B-2

No. 72004-211

Name of Steam Electric Station
MATSUE

Address
Matsue-shi, Higashi-tsuda-cho

Authorized Capacity
14,000 KW

Actual Capacity, September 1946
9,000 KW

GENERAL

This plant is in first class operating condition but is not very efficient.

1. Steam Turbine Specifications.

Type	No. of Units	Capacity KW	Press Kg/Cm^2	Temp C°	RPM	Mfg	Year Mfg
L'jung	1	7,000	21	350	3,600	M	1936
L'jung	1	7,000	21	350	3,600	M	1938

Neither turbine is bled.

TOTAL HOURS in SERVICE

Period	No. 1	No. 2
1936-45	32,437	22,266

2. Generator Specifications.

Capacity KVA	No.of Units	Power Factor	Voltage	Freq	RPM	Mfg	Year Mfg
8,750	1	0.8	3.5 KV	60	3,600	M	1936
8,750	1	0.8	3.5 KV	60	3,600	M	1938

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 Boiler	Super-Heater	Econ	Pre-Heater	Com-bus	Mfg	Year Mfg
Sect	3	19.6	23	365	427	119	285	-	C.G.	B&W	1936
Sect	3	19.6	23	365	427	119	285	-	C.G.	B&W	1938

Total Hours in service

Period	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
1936-45	19,118	18,254	20,479	12,914	14,535	14,865

Fire brick being repaired on one boiler. All other boilers in first class condition. With oneboiler as a spare and allowing 1,000 KW for station power, 9,000 KW can be generated. The boilers were designed for coal with a heat value of 6,500 Cal/Kg. With present coal (5,200 Cal/Kg.) the thermal efficiency is 6,200 calories per KWH.

4. Coal Handling Equipment.

a. Cantilever crane on gantry 40 MT/Hr.

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4. Coal Handling E[illegible] (supply by instn cont. No 7200(-511

a. Transmission.

(1) Two unloading jib cranes, 85 MT/Hr and 80 MT/Hr, traversing on rails, electric relay on one crane under repair.
(2) Rails interconnected with coal yard via three turntables. However, the turntables will not carry the jib cranes.
(3) Main horizontal conveyor, 40 MT/Hr, 75 M long
(4) Vertical bucket conveyor, 40 MT/Hr, 23 M long.
(a) An auxiliary winch-drawn rail car also hauls coal to the boiler room in case of failure of the bucket conveyor.
(5) Conveyor, 40 MT/Hr, 34 M long.
(6) Inclined conveyor, 40 MT/Hr, 15 M long.

5. Stoker Equipment.

a. Chain grate stoker driven by two motors (five stokers to one motor) with two counter shafts. Reduction gears and worm wheels need replacing. Enough spare grates to replace two stokers.

6. Switchyard.

a. No switchyard or main power transformers.
b. Two circuits 11 KV to Ube Steam Electric Station.
c. Static condensers.
(1) Thirteen - 250 KVA each.

7. Switch Board Room.

a. Thirty-two panels.

8. Auxiliary Equipment.

a. Motors, 3.3 KV, 3 phase.
(1) One - 300 HP exciter.
(2) One - 250 HP exciter.
(3) One - 200 HP feed water pump.
(4) Two - 110 HP condenser circulating water pumps.
(5) Two - 100 HP induced fans.
(6) Four - 65 HP forced draft fans.

b. House transformers.
(1) Three - 11KV/3.45 KV, 500 KVA, single phase, 60 Cycle-self cooled.

c. Oil circuit breakers (inddor type).
(1) One - 15 KV, 1,000 Amp.
(2) Two - 15 KV, 800 Amp.
(3) One - 15 KV, 400 Amp.
(4) One - 11.5 KV, 1,200 Amp.
(5) Six - 4.5 KV, 400 Amp.
(6) Four - 4.5 KV, 200 Amp.
(7) Two - 3.5 KV, 200 Amp.

(over)

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8. Auxiliary Equipment.

c. Oil circuit breakers (indoor type).
(8) Two - 3.45 KV, 200 Amp.
(9) Two - 3.3 KV, 30 Amp.

d. Air break switches.
(1) Two - 15 KV, 800 Amp.

e. Disconnecting switches.
(1) Eighte n - 15 KV, 800 Amp.
(2) Nine - 15 KV, 300 Amp.

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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 ABBREVIATIONS

MANUFACTURERS

A.E.G. - Allgemeine Elektricitaets Gasellshaft
BBB.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., Ltd
M.V. - Metropolitan-Vickers Electrical Co., Ltd
S.E.W. - ?Tokyo-Shibaura Electric & Mfg. Co.
S.S. - Siemens-Schuckertwerke A. G.
W.H. - Westinnhouse Electric & Mfg Co.

TECHNICAL TERMS

Amp - Amperes
C0 - Centigrade
Cal - Calories
C.G. - Chain grate stoker
Cm^2 - Square centimeters
Combus - Combustion
Econ - Economizer
Evap - Evaporation
Freq - Frequency in cycles
Imp - Impulse
Kg - Kilograms
KV - Kilovolts
KVA - Kilovolts Amperes
KW - Kilowatts
Ljung - Ljungstroom
Mfg - Manufacturer
MG - Motor Generator
MT/Hr - Metric tons per hour
P.F. - Pulverized fuel
Press - Pressure
Reacto - Reaction
RPM - Revolutions per minute
Sect - Sectional
Temp - Tempreture
U.F. underfed stoker
Vert -

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MACHINE TOOL INDUSTRY

These plants were taken into custody and inventories in accordance with War Department radio from the Joint Chiefs of Staff to Supreme Commander for the Allied Powers, dated 28 May 1946.

For the purposes of this catalog a machine tool plant is defined as "a plant primarily engaged in the manufacturing of non-portable, power driven machines designed to shape metal by progressive cutting away of stock in the form of chips or shavings or by abrasive action". This definition was used ot determine what plants were to be calssified as a part of the machine tool industry.

This catalog presents significant data on the machine tool plants that have been made available for interim reparations claims. 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 select on of plants considered as suitable for reparation claims. Conversely it will serve as a basis for the elimination of plants that are of no interest.

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

The information presented combines statistical data supplied by the 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.

Inventories for additional plants will be published in a subsequent catalog.

The inventories are arranged by size as measured by the number of machine tools, beginning with the largest.

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DEFINITIONS OF TERMS AND ABBREVIATIONS

Abbreviations - The following abbreviations a e used in this catalog.

kg.	-	Kilogram	HP	-	Horsepower
M.T.	-	Metric Ton	KWH	-	Kilowatt Hour
kg/d.	-	Kilogram per day	KVA	-	Kilovolt Ampere
KL.	-	Kiloliter			

Plant - For the purpose of this catalog a plant is an establishment operating as a unit under one management and confined to one geographical location. It may utilize several buildings which need not be physically connected or located in a single enclosure.

Peak Month Data - When possible, the class, type and sub-type are shown in terms of the U. S. Standard Coddodity Classification, Volume 1, Technical Paper No. 26, U. S. Government Printing Office, Washington 1943. Principal operating dimensions are shown when available.

Production - The products shown are end items or components produced as such and utilized elsewhere.

Units - The units shown are the number of end items or components produced during the peak month of production. Components shown in this section do not include components produced for use in this plant.

Input - Section I-B includes materials and purchased components entering into the end item which are considered significant in evaluating the overall potentialities of the plant.

Iron - The iron shown under Section I-B-1-a includes purchased castings and pig iron ingots.

Steel - The steel shown under Section I-B-1-b includes alloy steel, finished parts and forgings.

Labor - The number of workers shown under Section I-B-4-a includes maintenance workers, as well as those engaged in actual production, but excludes officials, technical personnel, and office workers. The number shown is the average of such workers employed during the month of peak production. The man-hours sh wn represent the total number of man-hours for the workers shown.

Subcontracting - The percent shown in Section I-C-1 represents the percent of the total output for the peak month of production which was sub-contracted, the work being done outside of the plant.

Damage - Damage suffered subsequent to the peak month of production as shown in Section II includes all types of damages to buildings and equipment as a result of war, natural catastrophies, and causes over which the owner had no control. The percent of damage suffered is measured in terms of the effect it would have had on the production if applied to the amount shown under Section I for the peak month.

(Contd.)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Contd.)- DEFINITIONS OF TERMS AND ABBREVIATIONS

Restored - This term is used to indicate all restoration of damages, as well as improv ments, that may have been made which would offset the damage suffered by the plant, in terms of effect on production when applied to that shown under Section I for the peak month.

Serviceable Equipment - The equipment shown under Section III includes both usable equipment and that which can be economicallyrepaired. The proportion of each of these categories of equipment in the amount shown is unknown.

Cranes - The capacityshown for cranes under Section III-3-b represents the sum total of the rated horsepower of all motors installed on all units.

Unserviceable Equipment - For the purposes of this catalog unserviceable equipment has been defined as unusable equipment whichcan not be economically repaired. Such equipment has not been included in this catalog.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

6. Outdoor Switch Yard.

A. Main power transformer.
(1) Eight - 66 KV/33 KV/3.5 KV, 3,000 KVA, 60 cycle,

b. Oil circuit breakers
(1) Three - 69 KV, 400 Amp
(2) Two - 66 KV, 400 Amp

7. Switch Board Room.

a. Seventeen panels.

8. Auxiliary Equipment.

a. Motors, 3.3 Kv, 3 phase.
(1) Two - 107 HP condenser c rculating water pumps
(2) Four- 85 HP feed water pumps.
b. House transform rs.
(1) Four - 3.45 KV/210 Volts, 200 KVA, 60 cycle, single phase, self cooled.
c. Oil circuit breakers.
(1) Four - 3.5 KV, 2,000 Amp
(2) Four - 3.5 KV, 600 Amp.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

LOC. VIII-E-10

No. 72006-511

Name of Steam Electric Station
UBE-NISHI

Adress
Ube-shi, Okinoyama-unetatechi

Authorized Capacity
14,000 KW

Actual Capacity, September 1946
6,500 KW

GENERAL

The equipment in this plant was originally installed elsewhere and is more than twenty years old. It is very inefficient by present standards but has been fairly well maintained.

1. Steam Turbine Specifications.

Type	No. of Units	Capacity KW	Press Kg/Cm^2	Temp D"	RPM	Mfg	Year Mfg
Imp	1	10,000	14	310	1,800	G.E.	1921
Imp	1	10,000	14	310	1,800	E.E.	1924

No bleed point on either turbine. No. 2 turbine vibrates badly at synchronous speed and full load. No record of total hours in service.

2. Generator Specifications.

Capacity KVA	No.of Units	Power Factor	Voltage	Freq.	RPM	Mfg	Year Mfg
12,500	1	0.8	11KV Y	60	1,800	G.E.	1921
12,500	1	0.8	11KV Y	60	1,800	E.E.	1924

No record of total hours in service. For the last three years No. 2 generator has been operated as a synchronous condenser only.

3. Boiler Specifications.

					Heating Surface M^2						
Type	No.of Units	Evap MT/Hr	Press Kg/Cm^2	Temp C	Boiler	Super-Heater	Econ	Pre-Heater	Com-bus	Mfg	Year Mfg
Sect	5	8.6	15.8	324	574	186	-		C.G.	B&W	1921
Sect	5	8.6	15.8	324	574	186	-		C.G.	B&W	1926
Sect	5	8.6	15.8	324	574	186	491		C.G.	B&W	1930

No record of total hours in service.

With nine boilers in service and one as a spare and allowing 500 KW forstation power only 8,500 KW can be generated. Only seven boilers can be operated at one time (station service, 6,500 KW generated) because of the limitations of the ash disposal system. Superheater tubes in No. 4 boiler are being replaced. All gears in stoker drive shaft system badly worn. The boilers were designed for coal with a heat value of 6,000Cal/Kg. With present coal(heat value 4,800 Cal/Kg) the thermal efficiency is 7,000 calories per KWH.

4. Coal Handling Equipment. (Supply by water)

(over)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MATSUE STEAM-ELECTRIC STATION

1. Steam Trubines

Identifying Mark	Description of Equipment			
S.T. 1	7,000	KW	M	1936
S.T. 2	7,000	"	"	1938

2. Generators

Identifying Mark	Description of Equipment			
Gen. 1	8,750	KVA	M	1936
Gen. 2	8,750	"	"	1938

3. Boilers

Identifying Mark	Description of Equipment			
Bo. 1	19.6	MT/Hr	B&W	1936
Bo. 2	19.6	"	"	1936
Bo. 3	19.6	"	"	1936
Bo. 4	19.6	"	"	1938
Bo. 5	19.6	"	"	1938
Bo. 6	19.6	"	"	1938

4. Coal Handling Equipment

Identifying Mark	Description of Equipment
C.H. 1	Cantilever crane on gantry, 40 MT/Hr.
C.H. 2	Vertical buocket type conveyor, 20 MT/Hr.
C.H. 3	1,000 M Network of elevated narrow gauge tracks.

5. Stoker Equipment

Identifying Mark	Description of Equipment
S. 1	Chain grate stoker
S. 2	" " "
S. 3	" " "
S. 4	" " "
S. 5	" " "
S. 6	" " "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CUTLINE OF MAIN UNITS OF EQUIPMENT TO BE MARKED AT MATSUE STEAM-ELECTRIC STATION (Continued)

6. Outdoor Switch Yard

Identifying Mark	Description of Equipment
S.Y. 1	66 KV/33 KV/3.5 KV, 3,000 KVA
S.Y. 2	66 " " " 3,000 "
S.Y. 3	66 " " " 3,000 "
S.Y. 4	66 " " " 3,000 "
S.Y. 5	66 " " " 3,000 "
S.Y. 6	66 " " " 3,000 "
S.Y. 7	66 " " " 3,000 "
S.Y. 8	66 " " " 3,000 "
S.Y. 9	69 KV, 400 Amp
S.Y. 10	69 " 400 "
S.Y. 11	69 " 400 "
S.Y. 12	66 " 400 "
S.Y. 13	66 " 400 "

7. Swichboard Room

Identifying Mark	Description of Equipment
S.B. 1	Panel
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	"
S.B. 16	"
S.B. 17	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CUTLINE OF MAIN UNITS OF EQUIPMENT
TO BE MARKED AT MATSUE STEAM-EIECTRIC STATION
(Continued)

8. Auxiliary Equipment

Identifying Mark	Description of Equipment
Aux. 1	107 HP condenser circulating water pump
Aux. 2	107 " " " " "
Aux. 3	85 " feed water pump
Aux. 4	85 " " " "
Aux. 5	85 " " " "
Aux. 6	85 " " " "
Aux. 7	3.45 KV/210 volts, 200 KVA
Aux. 8	3.45 " " 200 "
Aux. 9	3.45 " " 200 "
Aux. 10	3.45 " " 200 "
Aux. 11	3.5 KV. 2,000 Amp
Aux. 12	3.5 " 2,000 "
Aux. 13	3.5 " 2,000 "
Aux. 14	3.5 " 2,000 "
Aux. 15	3.5 " 600 "
Aux. 16	3.5 " 600 "
Aux. 17	3.5 " 600 "
Aux. 18	3.5 " 600 "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section 1C. Management, Guards and Maintenance Personnel

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

Section 1C. Management, Guards and Maintenance Personnel

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section 1D. Maintenance Materials

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

1D

Section 1D. Maintenance Materials

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section 1E. Demilitarization Certificate and Destruction of SP Machinery

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

1E

Section 1E. Demilitarization Certificate and Destruction of SP Machinery

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section 1F. T.I.D. Receipts

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

1F

Section 1F. T.I.D. Receipts

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
5 JUL. 1949	PERMIT TO USE REPARATION INSTALLATION	COMMERCE AND INDUSTRY SECTION, SHIMANE PREF. GOVT. BASIC
9 Feb. 50	Report on Use of Reparations Installations.	Matsue Steam Power Plant. - Basic.

II.-USE OF INSTALLATION AND/OR EQUIPMENT.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

MATSUE STEAM POWER PLANT
J.E.G.&T.CO.LTD.
MATSUE

Feb. 9 1950

TO : HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION

SUBJECT: Report on use of reparations installations

A. Name and code number of reparations installations

NAME MATSUE STEAM POWER PLANT, J.E.G.&T.CO.LTD.

CODE NO. (36-2) Sec. II

B. Address of installation
392-1 Higashi tsuda- cho, Matsue city, Shimane pref.

C. Copy of conversion or reconversion permit
We judge the operation of electric power plant is permitted, because on paragraph 7 of SCAP IN 1131 issued to the Japanese government under date of the 13 th Aug. 1946 is mentioned that if necessary, instructions have no intention of suppressing of the maintenance and the operation of any power plant, but when the real date of withdrawl is decided, any power plant must be preparated to stop its activity and by that time the Japanese side should make preparations for supplying full electric power to meet urgent demands by adequate power-service.

D. List of items in actual production
electric power

E. A copy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers.
nothing

F. List, by code number and name, of reparations items in authorized use, giving date and issuing headquarters of letter of authorization.
See other papers.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

G. List, by code number and name, of reparations items in use without permission for authorized use.

nothing

H. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers.

nothing

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

List, by code number and name, of reparations items in authorized use

CODE NO.		NAME OF MACHINE	
36-2	BO.1	BABCOCK & WILCOX STEAM BOILER	NO.1
"	BO/2	"	NO.2
"	BO.3	"	NO.3
"	BO.4	"	NO.4
"	BO.5	"	NO.5
"	BO.6	"	NO.6
"	S.1	MECHANICAL CHAIN GRATE STOKER FOR BOILER	NO.1
"	S.2	"	NO.2
"	S.3	"	NO.3
"	S.4	"	NO.4
"	S.5	"	NO.5
"	S.6	"	NO.6
"	AUX.1	CIRCULATING WATER PUMP FOR STEAM TURBINE	NO.1
"	AUX.2	"	NO.2
"	AUX.3	MOTOR DRIVEN FEED WATER PUMP	NO.1
"	AUX.4	"	NO.2
"	AUX.5	"	NO.3
"	AUX.6	"	NO.4
"	ST.1	MITSUBISHI LJUNGSTROM STEAM TURBINE	NO.1
"	ST.2	"	NO.2
"	GEN.1	MITSUBISHI LJUNGSTROM ALTERNATOR	NO.1
"	GEN.2	"	NO.2
"	SY.1	SINGLE PHASE OIL IMMERSED SELF COOLING TRANSFORMER 3000 KVA	NO.1

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CODE NO.		NAME OF MACHINE	
36-2	SY.2	SINGLE PHASE OIL IMMERSED SELF COOLING TRANSFORMER 3000 KVA	NO.2
"	SY.3	"	NO.3
"	SY.4	"	NO.4
"	SY.5	"	NO.5
"	SY.6	"	NO.6
"	SY.7	"	NO.7
"	SY.8	"	NO.8
"	SY.9	OIL CIRCUIT BREAKER FOR SECONDARY CIRCUIT OF MAIN TRANSFORMER 66 KV 400 A	NO.1
"	SY.10	OIL CIRCUIT BREAKER FOR SECONDARY CIRCUIT OF MAIN TRANSFORMER 66 KV 400 A	NO.2
"	SY. 11	OIL CIRCUIT BREAKER FOR TRANSMISSION LINE (MATSUE KARYOKUSEN) 69KV. 400 A	
"	SY.12	OIL CIRCUIT BREAKER FOR 66 KV 400 A	
"	SY.13	OIL CIRCUIT BREAKER FOR TRANSMISSION LINE (KONAN SEN) 69 KV 400 A	
"	SW.1	SWITCH BOARD FOR AUTOMATIC VOLTAGE REGULATOR AT ALTERNATOR	NO.1
"	SB.2	SWITCH BOARD FOR ALTERNATOR	NO.1
"	SB.3	SWITCH BOARD FOR PRIMARY CIRCUIT OF MAIN TRANSFORMER	NO.1
"	SB.4	SWITCH BOARD FOR SECONDARY CIRCUIT OF MAIN TRANSFORMER	NO.1
"	SB.5	SWITCH BOARD FOR MAIN HOUSE POWER SERVICE	NO.1
"	SB.6	SWITCH BOARD FOR HOUSE SERVICE	
"	SB.7	SWITCH BOARD FOR FEEDER (SOUTH SUBSTATION)	
"	SB.8	SWITCH BOARD FOR AUTOMATIC VOLTAGE REGULATOR AT ALTERNATOR	NO.2

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CODE NO.		NAME OF MACHINE	
36-3	SB.9	SWITCH BOARD FOR ALTERNATOR	NO.3
"	SB.10	SWITCH BOARD FOR PRIMARY CIRCUIT OF MAIN TRANSFORMER	NO."3
"	SB.11	SWITCH BOARD FOR SECONDARY CIRCUIT OF MAIN TRANSFORMER	NO.3
"	SB.12	SWITCH BOARD FOR MAIN HOUSE POWER SERVICE	NO.3
"	SB.13	SWITCH BOARD FOR TRANSMISSION LINE (KONAN SEN)	
"	SB.14	SWITCH BOARD FOR TRANSMISSION LINE (MATSUE KARYOKU)	
"	SB.15	SWITCH BOARD FOR EXCITER	NO.1
"	SB.16	"	NO.3
"	SB.17	SWITCH BOARD FOR MOTOR GENERATING SET	
"	AUX.7	SINGLE PHASE OIL IMMERSED SELF COOLING TRANSFORMER FOR HOUSE POWER SERVICE	NO.1
"	AUX.8	"	NO.2
"	AUX.9	"	NO.3
"	AUX.10	"	NO.4
"	AUX.11	OIL CIRCUIT BREAKER FOR ALTERNATOR	NO.1
"	AUX.12	OIL CIRCUIT BREAKER FOR PRIMARY CIRCUIT AT MAIN TRANSFORMER	NO.1
"	AUX.13	OIL CIRCUIT BREAKER FOR ALTERNATOR	NO.2
"	AUX.14	OIL CIRCUIT BREAKER FOR PRIMARY CIRCUIT AT MAIN TRANSFORMER	NO.2
"	AUX.15	OIL CIRCUIT BREAKER FOR MAIN HOUSE POWER SERVICE	NO.1
"	AUX.16	"	NO.2
"	AUX.17	OIL CIRCUIT BREAKER FOR FEEDER TO MINAMI SUBSTATION	
"	CH.1	TRAVELLING GRAB-BUCKET TYPE UNLOADER	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CODE NO.		NAME OF MACHINE	
36-2	CH.2	COAL BUCKET ELEVATOR	
"	CH/3	RAIL FOR COAL AND ASH TRANSPORTATION	
"	AUX.18	OIL CIRCUIT BREAKER FOR HOUSE POWER SERVICE	
"	AH.1	ASH CONVEYER	NO.1
	AH.2	"	NO.2
"	MT.1	ENGINE LATHE	
"	MT/2	UP RIGHT DRILLING MACHINE	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

D. Moore
State

COMMERCE AND INDUSTRY SECTION
SHIMANE PREFECTURAL GOVERNMENT

Matsue
5 July 1949

SUBJECT: Permit to Use Reparation Installation

TO : Chief, Shimane Civil Affairs Team
(Attention: Economic Section)

36-2
II

1. With reference to your verbal instruction to submit to you not later than 5 July at 15:00 the code number of reparation installation in Shimane outside of those under Finance Ministry's custody, we wish to state that the only installation here is the Matsue steam powerhouse of Nippon Hassoden K.K. (Japan Power Generating & Transmission Co.,Ltd.)

2. The particular installation has been under operation by the interpretation of SCAPIN-1131. In other words so far as that plant is concerned no specific permit regarding power generation has so far been granted.

Yoshio Aoki

YOSHIO AOKI
Chief.
Commerce and Industry Section,
SPG

SI/ek

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section III. Exemption of Installation and/or Equipment

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

III

Section III. Exemption of Installation and/or Equipment

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM PLANT
Section IV. A. Transfers of Equipment into Installation

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

IVA

Section IV. A. Transfers of Equipment into Installation

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section IV. B. Transfers of Equipment out of Installation

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

IVB

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section IV. C. Dispersal Areas

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

IVC

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
31 JAN. 1947	REVIEW ON INVESTIGATION OF MATSUE STEAM POWER PLANT, NIPPON HASSODEN K.K.	SHIMANE PREF. GOVT, COMMERCE & INDUSTRY SECTION. BASIC.
5 JUL. 1949	REPORT FOR CHECKING UP THE CUSTODY OF THE REPARATION DESTINATED STEAM POWER PLANT	MATSUE S.P.P. BASIC
19 AUG 1949	AN INVESTIGATION ON EQUIPMENTS DESIGNATED FOR REPARATION AND PLACED AT THE SERVICES FOR S.C.A.T.	SHIMANE PREF. GOVT, COMMERCE & INDUSTRY SECTION. BASIC
27 SEP. 1949	INSPECTION OF REPARATIONS PLANTS, DISPERSAL AREAS AND SHIPBUILDING IN COMPLIANCE WITH O.D. 51, DATED 27 SEP. 49.	C.C.A.R.
22 Mar. 50	FIELD TRIP REPORT (36-2)	CCAR - Basic
18 July 1950	Inspection of Nippon Hassoden, Matsue Power Plant Code No. 36-2, Shima Prefecture	CCAR - Basic
22 Aug. 50	A Conference with Prefectural Reparations officials.(Shimane)	C.C.A.R.
3 Nov. 50	Surveillance of Reparations Custody at Matsue Steam Power Plant (Code No. 36-2)	C.C.A.R.

V

V. - INSPECTION REPORTS.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
ECONOMICS SECTION

D/RPL/fk

CCAR 319.1

3 November 1950

SUBJECT: Report of Field Trip, Matsue City, Shimane Prefecture, 17 October 1950.

TO : Chief
Economics Section

PREPARED BY: Robert P. Lord, Distribution and Industry Division.

MANUFACTURING AND INDUSTRY FILE 36-2 Dec. 1

1. REFERENCE:

Paragraph 3b, C. D. 11, 10 April 1950.

2. PURPOSE:

Surveillance of reparations custody at Matsue Steam Power Plant (Code No. 36-2).

3. BACKGROUND:

Routine.

4. DISCUSSION:

The plant operated only five (5) days during the month of September and had operated nine (9) days during October up until the 17th.

Power generated during September was 450,700 KWH.

Power transmitted during September was 424,800 KWH.

No problems were reported by plant manager.

5. CONCLUSION:

Maintenance of equipment at this plant was found to be good. A check was made of the 99EX items at this plant and no discrepancies were noted. Documentary proof for all items are on hand at the plant.

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6. RECOMMENDATIONS:

None.

R. P. LORD
Distribution & Industry Division

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

FIELD TRIP REPORT

T. KAJIYA

Matsue
22 August 1950

1. Purpose:

A conference with Prefectural Reparations Officials.

2. Background;

Surveillance in accordance with O.D. 11.

3. Discussion:

a. Present status of Matsue Thermo Power Generation Station (36-02).

Personnel:

Responsible person,	1
No. of guard,	4
No. of clerks,	25
No. of technicians,	103
No. of casual laborers,	2

PRICE FILE AND DISTRIBUTION

MANUFACTURING AND INDUSTRY FILE 36-2 Sec. V

Production:

Month	Total Production	Power Consumed for Generation	Power Transmitted
July 1950	730,000 KWH	43,400 KWH	686,600 KWH
22 August 1950	1,681,100	90,900	1,590,200

Days of Operations:

Month	Total No. of Days	Days of Operation	Days of Non-operation
July 1950	31 days	9	22
22 August 1950	22 days	8	14

Maintenance:

The overhauling of No. 3 Boiler was started on 8 May 1950 and inspected during the 26 June - 22 July. The Boiler has been in use from 27 July 1950.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

In compliance with the instructions given by Mr. Le Van, CPC, GHQ, SCAP in the course of his inspection of the plant on 5 August 1950, the plant has taken action to keep the documental proof in order and painted markings on the EX machines.

b. Application.

According of Mr. Mariwa, Yatsuki Plant of Hitachi Company filed an application directly with MITI, Tokyo and with the Hiroshima Bureau of MITI through Shimane Prefectural Government for the transfer of 22 reparations items from the Kashiwa Plant of the Hitachi K.K. (04-4), Chiba Prefecture, and 2 reparations items from the Takahagi Plant (14-2) of Hitachi K.K. of Ibaragi Prefecture. But as yet no answer has been received.

Date of submittal to MITI, Tokyo; 10 April 1950 from the Shimane Prefectural Government; 18 May 1950.

An information copy of the company's "Application for movement and authorized use of designated reparations machinery and equipment" is in our file.

4. Conclusion:

None.

5. Recommendation:

None.

TETSURO KAJIYA
Distribution & Industry Division

D/TK/fk

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

FIELD TRIP REPORT

R.P. LORD

18 July 1950

1. Purpose:

Inspection of Nippon Hassoden, Matsue Power Plant Code No. 36-2, Shimane Prefecture.

2. Background:

Surveillance in accordance with O.D. 11, 10 April 1950.

3. Discussion:

This power plant operated for two (2) days during the month of June and generated 134,700 KWH of electricity. Plant only expects to operate three days during the month of July.

Adequate stockpiles of coal are on hand to support present operation.

4. Conclusion:

Plant equipment inspected and found in satisfactory condition.

5. Recommendation:

None.

R. P. LORD, DAC
Price, Distribution and
Industry Division

MANUFACTURING AND INDUSTRY FILE 36-2 Sec. V

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

FIELD TRIP REPORT

R.G. STRADLEY

22 March 1950

1. Purpose:

Inspection of reparation plant at Nippon Hassoden Matsue Power Plant 36-2.

2. Background:

Surveillance in accordance with O.D. 51.

3. Discussion:

The plant has not been operating since 7 March due to abundance of hydraulic power generation.

The plant has two 7,000 KW turbin generators and 6 biolers. The plant generates at 3,500 volt and is stepped up to 66,000 volts. They now have a stock pile of 13,000 ton of Kyushu coal on hand with an average calory of 5,400 calories.

In full operation the plant consumes 170 ton of coal to generate 150,000KWH per day.

4. Conclusion:

Equipment is in good condition.

5. Recommendation:

None.

RGS

R.G. STRADLEY.

D/RGS/st

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SUBJECT: Field Trip to Tsuyama, Tottori, Matsue and Gotsu

PURPOSE: Inspection of Reparations Plants, Dsipersal Areas and Shipbuilding in compliance with O.D. 51, dated 27 September 1949.

The Gunze Silk Co. in Tsuyama (Code No. 31-1) was inspected on 23 November 1949. Plant was not in operation at the time due to electricity cot-off. Seven (7) wood-working machines were released at this location in 1947 by CCAT. Company officials did not know name of person effecting release. Verbal authority was given for their release and no letter available in their files. At time of their release machines were not numbered due to instructions from ken Government Commerce and Industry Section. Four (4) machines are in temporary use-verbal authority given by a Capt. Green (CCAT) on 27 September 1949. Twenty-eight (28) machines are in authorized use-verbal permission given 25 February 1949 after application was submitted. Copy of application was available. Code Nos. of temporary use machines are:

31-01-3
31-01-7
31-01-56
31-01-62

A count of all machinery in authorized use showed no discrepancies, although two of the machines appeared in need of cleaning.

Kawasaki Zoki K.K. (Code No. 41-3) inspected on 24 November 1949. Two (2) Special Purpose machines were not competely destroyed due to instructions from TCAT. Machines now have new inventory numbers (41-3-116), (41-3-117). Three (3) temporary use machines (swithboards) in use for one year. Plant authorities said a letter from TCAT authorizing temporary use of these machines was on record in Prefectural Office. Check revealed no letter on file. Plant authorities did however have copy of application sent to TCAT asking temporary use of these machines. Fifty (50) items included in the inventory are under the custody of Finance Bureau including one (1) transformer in temporary use.

Ten (10) machines from Maeda kikai Seisakusho dispersal area (Code No. 41-9b) and eight (8) machines from Chiyogawa Seisakujo dispersal area (Code No. 41-9c) have been consolidated in plant 41-3. Authority for moving given by TCAT, One lathe from the latter area a CPC machine has already been sent to Osaka. Both dispersal areas visited and found to contain no reparations machinery. Chiyogawa Seisakujo Company no longer in operation. Former location is occupied by small firm manufacturing charcoal fuel.

Sanin kogyo K.K. (Code No. 41-1) inspected on 25 November 1949. One machine is in temporary use (Code No. 41-1-214) verbal authority given in September 1949 by TCAT. Copy of application to TCAT asking temporary use of machine is on record in company file. Seventy-one (71) machines are in authorized use. Approval given 24 March 1948 by Capt Moxley, TCAT. Copy of application listing machines and his signed approval are on record. One machine in authorized use (Code No. 41-1-294) fire fighting apparatus appeared rusted, disassembled and in general poor condition. Machine would be of little or no use in case of fire. Other machinery in authorized use appeared to be well maintained.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

The Ishimatsu Shipbuilding Company located at Karo-Tottori City, visited on 25 November 1949. The above is a wooden shipbuilding yard which employs about 60 persons. At the time of inspection three 25 ton trawlers were under construction. One trawler of 28 tons waa recently launched and is now receiving deck fittings. Of the four slipways at this yard, two are large enough for the construction of 150 ton wooden vessels.

Ishikei Shipbuilding Company located at Karo-Tottori City visited on 25 November 1949. Only 30 or 35 persons are employed at this yard. Yard has threesslipways, two of which were being used in the construction of one 10 and one 20 ton wooden ships. However, one slipway is large enough for the construction of a 100 ton wooden vessel.

Shinko Kogyo K.K. (Code No. 41-4) inspected on 26 November 1949. Two Special Purpose machines at this location only partially destroyed and given new code numbers-41-4-288, 41-4-289. 148 machines in authorized use-written authority from TCAT for their use on record in company office. Twenty-nine (29) machines at this location are under the custody of Finance Bureau bearing the following code numbers. Machines are in authorized use:

41-9d-60
41-9d-63 to 41-9d-66
41-9d-72 to 41-9d-73
41-9d-75 to 41-9d-85
41-9d-92
41-9d-94 to 41-9d-97
41-9d-102 to 41-9d-104
41-9d-112 to 41-9d-114

Seven (7) Special Purpose machines at the above location under custody of Finance Bureau were only partially destroyed and given the following new code numbers:

b

41-9d-115
41-9d-116
41-9d-117
41-9d-118
41-9d-119
41-9d-120
41-9d-121

Machinery in use was checked and found to be in good condition.

Shinko Kogyo K.K. (Code No. 41-5) also inspedted on 26 November 1949. One machins in authorized use (41-5-24) moved to plant 41-4 together with six (6) machines in authorized use under Finance Bureau custody-41-9e-115, 116, 134, 135, 175, 176. Authority for moving machinery given in letter from TCAT. The machines listed herein were located and checked at 41-4. Fifty-three (53) machines at 41-5 were released from reparations by letter of TCAT dated 5 December 1947. A total of eighty-four (84) machiners at this location are under custody of Finance Bureau.

Meiji Kikai Seisakusho (Code No. 41-2) inspected on 26 November 1949. Four (4) machines are in temporary use by permission of Lt. Halvatgis, TCAT. Machines have been in use for five months. Twenty-five (25) machines are in authorized use. Five (5) transformers which Lt. Halvatgis placed in authorized use are not marked "U". Lt promised letter forthcoming for their use but as yet not received. Lt said it would be alright to use them Copy of application to TCAT for their use, dated 23 April 1949 is on record. Code Nos. of the five machines are:

41-2-72
41-2-73

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Meiji Kikai Seisakusho (Code No. 41-2) Cont'd)

41-2-74
41-2-75
41-2-76

Twenty-five (25) machines in autherised checked. Found to be properly marked and in good condition.

Nippon Soda K.K. (Code No. 41-9f) inspected on 27 November 1949. Forty-four (44) machines were on reparations in this area but were released by letter of TCAT dated 25 July 1949. However, upon checking machinery, two machines were found in operation which were not included in the original 44 released. Plant officials said these were overlocked, afterwards said machines were in temporary use since February 1948 authorized by TCAT. Code Nos. of the two machines are: 41-9f-277,41-9f-285.

Tanigawa Bussan-Dispersal Area. Only one (1) machine was on reparations at this area and it has been released from custody by letter of TCAT dated 25 July 1949. Machine is class 3, now in operation. Tanigawa Bussan is small plant employing about 50 persons. Found to be busy in the manufacture of farm implements.

Ishibashi Zosen Tekko Sho-Dispersal Area (Code No. 41-8A) in spected on 27 November 1949. Only twelve (12) reparations machines at this location-all in dead storage. Machines stored in good enclosure. Code numbers listed below.

41-8a-1
41-8a-2
41-8a-3
41-8a-4
41-8a-5
41-8a-6
41-8a-7
41-8a-8
41-8a-9
41-8a-10
41-8a-11
41-8a-12

The Ishibashi Shipbuilding Company was inspected at the same time. Construction of wooden vessels and engine repair are done here. At present engine repair work on fishing vessels is more prominent than shipbuilding. Two wooden vessels of 30 ton each are being built at present. Of the three slipways available for ship construction, each can be used for the building of 200 ton vessels.

(0) Nippon Hassoden K.K. (Matsue) (Code No. 36-2) inspected on 28 November 1949. Seventy-one (71) reparations machines at this plant all in operation under SCAPIN 1131. An application for authorized use of all machinery was made 20 March 1947 to commerce & Industry Ministry. Nippon Hassoden at Hiroshima gave instructions to use machines. Plant was checked and found in excellent condition.

The Fukushima Shipbuilding Company at Matsue inspected on 28 November 1949. This yard capable of building 5 wooden vessels. Has facilities for building two of 100 ton each. At present the keel is laid for two 50 ton fishing vessels. Two 25 ton fishing vessels were recently launched and are now being outfitted. In addition to shipbuilding, small oil tanks and hatches are built here. Company employs 150 persons.

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The Mitsue Shipbuilding Company at Matsue inspected on 28 November 1949. Large size wooden shipbuilding yard, has six slipways, four of which are being used at present in construction of 30 ton trawlers. Wooden ships of 250 tons can be built in each slipway. Company is at present experiencing difficulty in turning completed vessels over to owners due to the latter's shortage of funds.

Osaka Military Arsenal-Iwami Plant Gotsu (Code No. 36-1(1)) inspected on 29-30 November 1949. Area containe all dead storage equipment. Thirty-six (36) machines have been removed under Ltr. Hq. 8A dated 30 June 1947. Destinations of these machines was given as Hiro and Yokohama. Of the 36 removed, 7 have been returned. Code Nos. of these are as follows:

36-1(1)-749
36-1(1)-757
36-1(1)-758
36-1(1)-759
36-1(1)-760
36-1(1)-761
36-1(1)-762

The above 7 machines were located at the plant and checked. Eleven (11) machines were released from custody on 15 July 1949 and sent to Nippon Rayon Co. Their code numbers are: 36-1 (1)-481,798, 799, 802, 803, 804, 805, 806, 807, 808, 848, Six (6) machines were placed in temporary use by Capt Conduict SCAP on 17 March 1948. These machines were used to perform maintenance on dead storage machinery and are now no longer in use. All machinery appeared in excellent condition. Wharehouses where items are stored are in good shape and repairs, where necessary, have been made in places to prevent rain leakage on stored equipment.

In every plant where machinery was in temporary use the custodians were informed of the fact that in the future there will be no more temporary use of reparations equipment. Instructions were given them to apply for authorized use of machines in temporary use. Custodians were instructed that a copy of application requesting authorized use of machinery now in temporary use was desired in this office by 31 December 1949. Furthher, if the application which was sent to SCAP was not returned by 31 January 1949 machinery would automatically go into dead storage.

ROBERT F. LORD, DAC
Economic Section
CCAR

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Moore

SHIMANE PREFECTURAL GOVERNMENT
COMMERCE AND INDUSTRY SECTION

Matsue
19 August 1949

SUBJECT : An Investigation on Equipments Designated For Reparation and Placed at the Services for S.C.A.T.

TO: Commanding Officer, S.C.A.T.
(Attention : C. and I. Section)

36-2
V

With regard to the subject matter which you have asked us orally on 17 August 1949, we hereby inform you that we have received an information as a result of our investigation for the Matsue Coal-Power Station of Japan Electric Generation and Transmission Co. Ltd. that they have no equipments placed at your services.

Yoshio Aoki

YOSHIO AOKI
Chief of
Commerce and Industry Section,
S.P.G.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

MATSUE STEAM POWER PLANT
J.E.G.A.T. CO. LTD

5 July 1949

TO :- Captain S.H. Condict. S.M.G.T.

SUBJECT :- Report for checking up the custody of the reparation destinated steam power plant.

PERIOD :- From 1 to 30 June, 1949.

1. Preparation of new inventory for the reparation's machines and equipments. ---------- None.

2. Inspection done by S.M.G.T. -------- None.

3. Investigation ordered by S.M.G.T. ------- None.

36-2 V

4. Operating and repairing conditions of our plant.

(a) The yearly overhauling of No.3 and No.6 boiler had finished forthe periodical inspection of Japanese government. The sealing test of the safety valves of No. 3 boiler was accomplished on 31 June and that of No.6 on 30, and they are in the condition to be able to use.

(b) We are rebuilding up with bricks for the arch-bricks of the furnace of No.1 boiler.

(c) The stator coil of No.1 feed-pump motor (AUY 3) which was grounded is now under repair.

(d) The toilet-room in the back of the repair-shop, which were oprating to move to the side of the employee's rest-room, was completed and we are now using it.

(e) 18,800 tons of scrap iron which we had asked for the permission for carring out of our plant, on 10 June, were carried out for 3 days, from 18 to 20 June, and transported to the Ojuki iron-foundry of our company.

(f) We bought a meter as under-mentioned for the operation and preservation of our plant.

NAME	QUANTITY	UNIT PRICE	PRICE(¥)
Indicating resistance type thermometer	1	-----	46,000

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5. Stocked coal in yards. ---------- 5,896 Tons
2,014 " (Inferior)

TOTAL ---- 7,910 "

6. POwer generated and coal consumed.

LAST	POWER GENTRATED	COAL CONSUMED	R.Hrs.-MINS
	KWH	Kg	
1st	---	---	---
2nd	---	---	---
3rd	---	---	---
4th	---	---	---
5th	---	---	---
6th	64,400	88,000	14-45
7th	---	---	---
8th	23,800	31,000	6-30
9th	---	---	---
10th	---	---	---
11th	---	---	---
12th	---	---	---
13th	---	---	---
14th	---	---	---
15th	---	---	---
16th	---	---	---
17th	---	---	---
18th	---	---	---
19th	---	---	---
20th	---	---	---
21st	---	---	---
22nd	---	---	---
23rd	---	---	---
24th	---	---	---
25th	---	---	---
26th	---	---	---
27th	---	---	---
28th	---	---	---
29th	---	---	---
30th	---	---	---
TOTAL	88,200	113,000	21-15

(the end)

Osamu Fukuyama

OSAMU FUKUYAMA
Custodian
Matsue Steam Power Plant
J.E.C.&T. Co. Ltd

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIMANE PREFECTURAL GOVERNMENT

COMMERCE AND INDUSTRY SECTION

Matsue, Shimane Ken
31 January 1947

SUBJECT: Review on Investigation of Matsue Steam Power Plant, Nippon Hassoden K. K.

1. I hereby certify that the members of the Shimane branch of General Contructors' Association of Japan have just examined and took inventory of the Matsue Steam Power Plant of Nippon Hassoden K. K. which have been placed under custody by the order of GHQ, SCAP, 24 August 1946, which has been permitted to operate until such time as the plant and installation shall have been removed.

2. Members of the General Contractors' Association upon examining and checking up the said plant, with a view to looking up what might be utilized by the Allied forces by the order of the Eighth Army have also examined and checked up within the same premises Matsue South Sub-Station which is owned by the Chugoku Haiden K. K. (Chugoku Electric Supply Co. Ltd.).

3. I have thoroughly examined the inventories and papers drawn up by General Contractors' investigators and have found them true and correct in every detail. I would suggest that authorities MX concerned of the Allied forces recognize the claim of the Chugoku Haiden K. K. and exercise special consideration.

Yoshizumi Inoue

YOSHIZUMI INOUE
Attestor & Concurrently
Director,
Commerce & Industry Section

SI:AM

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CUSTODIAN'S STATEMENT
FOR INSTALLED MATERIALS & SUPPLIES
AT MAYSUE STEAM POWER PLANT
JAPAN POWER-GENERATING & TRANSMISSION COMPANY

31 January 1947

Those building materials, No. 1 -- No. 7, are requested not to be taken away from their place of installation before the completion of our removal of the reparations installations, since those buildings are essential for our smooth processing of the said removal work. We should like further to add that our application for exclusion has been filed by our Main Office in connection with our office building established for the purpose of our effecting necessary repairs to our warehouses.

Pipes and valves, No. 8 -- No. 15, are all of them to be accessories to our reparations machinery and are already registered in the INVENTORY. Their appropriation for other purposes will make the operation of the said machinery impossible when they are to be installed in claiming countries.

Handrails to stairs and to the bridges in the compound (steel gas pipes used in the latter case) are to be registered as our indespensable installations.

Pumps, No. 16 -- No. 18, have all of them been registered in the INVENTORY and are essential for our maintenance of operations. Electric fans, No. 19, are expected to be used this summer by our staff in charge of the reparations removal.

Yoshio Higaki.
YOSHIO HIGAKI
Manager, Matsue Steam
Power Plant

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CUSTODIAN'S STATEMENT
FOR MATERIAL STOCKS NOT INSTALLED
AT MATSUE POWER-GENERATING PLANT
JAPAN POWER-GENERATING & TRANSMISSION COMPANY

31 January 1947

Round steel bars and other steel materials listed on P. 1 -- P.9, are all scheduled for use in our work of removing the reparations installations, and without them, we are afraid, their removal cannot be carried out. After the completion of the said removal the remainder of those items is expected to be appropriated for rehabilitation and reinforcement of the Steam Power Plant at Ube, Maeda and Onomichi

The circumstances are quite the same with all materials, such as steel cables, tool steel, welding rods, etc., listed on P. 9 -- P. 10. Oils and other articles of consumption is most essential for emergency reinforcement of the surviving capacity of the said Stem Power Plants.

A perfect understanding has been arrived at with SCAP HQ as regards the rehabilitation and reinforcement of our surviving steam power capacity, and we are planing to file applications with the local Military Government for the permission of shipping the necessary materials to those Plants exempted from reparations.

All valves, No. 22 -- No. 24, have already been registered as spares necessary for the installation in claiming of the reparations items taken away from us countries

The circumstances are quite the same with all flanges, No. 22 -- No. 24. The same with stoker-rollers, water-pipes and steel pipes, No. 27 -- No. 30. The same with Copper pipes 13m/m x 5.5m x 60.5 & 4 x 5m x 56 (for special high-tention lead-wire). The same with all black-gas pipes and steel pipes. Suction-hoses, 200 x 3,300, 150 x 5,000, 150 x 2,500, to be registered for use in removing reparations items.

Consider tubes and lead pipes, No. 31, are spare parts for the two reparations turbines, 7,000 kw, and the removal of these spare parts will cause troubles in the operation of the turbines when they will be installed in claiming countries.
The remainder of the above-mentioned materials are to be used for rehabilitation and reinforcement of the before-mentioned steam power plants. Applications are expected to be filed with the local Military Government Team.

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Insulated cables, various wires and non-insulated copper wires are all of them to be attached to reparations machinery and installations, and are already registered in the INVENTORY.

Appropriation of these articles for other purposes will make these machinery and installations utterly unfit for reuse in claiming countries.

All the insulated wires and cables, No. 32 -- No. 34, are spares for reparations machinery and are essential for re-installation of the above in claiming countries.
Resistance wires, No. 34, are to be used in the reparations removal.
The fuses, insulaters, tapes, rubber hoses, sockets, shades, switches and parts for telephones are all for the same purpose as above.

The remainder of the said articles are to be used for rehabilitation and reinforcement of the before-mentioned steam power plants. Applications to be filed with the local Military Government in connection with this.

Yoshio Higaki

YOSHIO HIGAKI
Manager, Matsue Steam
Power Plant

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Matsue Steam Power Plant.
J. E. G. T. CO. LTD.
Matsue, February. 1st. 1947.

TO: 1st Lieut. Willis D. Tucker. S. M. G. T.
Subject: Checking up custody of reparation's plant.

1. Inventory of reparation's machinaries and equipments :—

we have got 2,000 p.c printed papers already from Shimane prefectural Government and just now endeavouring to clean up copies as fast as I can.

2. Investigation of reparation's instollations :—

The following items directed by S. M. G. T. which have presented yesterday.

1 — List of owners and % of stock they hold.
1 — List of past owners.
1 — List of all equipments necessary to run the plant.

The appraisement of reparations instollations by Japanese central goverment committees was finished January 22, and now translated by S. M. G. T order.

3. Inspection at the reparations plant :—

none in this period.

Yoshio Hujaki.
Yoshio Hujaki.
custodian.
Matsue Steam Power Plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Matsue Steam Power Plant.
J. E. G. T. Co. LTD.
Matsue, February. 1st. 1947.

To: 1st Lieut. Willis D. Tucker. S. M. G. T.
Subject: Checking up custody of reparations plant

1. Inventory of reparations machinaries and equipments :—

we have got 2,000 p.c printed papers already from Shimane prefectural Government and just now endeavouring to clean up copies as fast as I can.

2. Investigation of reparations installations :—
The following items directed by S. M. G. T. which have presented yesterday.
1 — List of owners and % of stock they hold.
1 — List of past owners
1 — List of all equipments necessary to run the plant.

The appraisement of reparations installations by Japanese central goverment committees was finished January 22, and now translated by S. M. G. T order.

3. Inspection at the reparations plant :—
none in this period.

Yoshio. Higaki.
Yoshio Higaki.
Custodian.
Matsue Steam Power Plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

To whom is power furnished

List of Owners and % of stock they hold.

List of past Owners.

List of all equipment necessary to run the plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Matsue Electric Steam Power Plant.
J. E. G. T. Co.
Matsue Jan. 30. 1947.

TO: 1st Lieut. Willis. D. TUCKER.
Subject: 1. To whom is power furnished ?
2 List of owners and % of stock they hold.
3 List of past owners.
4 List of all equipments necessary to run the plant.

About one month ago. I have been directed by SMGT to inform you above mentioned items and wrote you item-1. the end of last year.
I have pleasure in enclosing herewith them which were unable to write you until I recieved List of shareholders from the head office at Tokio.
I am very sorry to be obliged to inform you too late.

Enclosures:- 1- List of owners and % of stock they hold.
1- List of past owners.
1- List of all equipments necessary to run the plant.

Yoshio. Higaki.
yoshio, Higaki.
Custodian.
Matsue Elect. Steam Power plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Matsue Electric Steam Power plant.
J. E. G. T. CO.

Item.— 4.

List of all equipment necessary to run the plant.
prepared by Matsue Electric Steam Power plant.
Matsue. January. 20. 1947.

Land & Buildings.

Area of land.— Area of plant compounds. 20,104. Sq. M.
with Coal strage yard.
Area of Ash disposal. 12,999. "
Area of employee's residence.
2,499 "
Total. 35,602. Sq. M.

Building.— Boiler room. 773.72 Sq. M.
Draught fan room. 83.14.
Turbo generator room. 487.20.
Clerking office. 89.19.
Warehouses. (2) 155.46.
Laboratories (2) 46.24.
Lavatories (2) 9.13.
Bicycle barn. 44.63.
Pump house. 9.72.
Blue print barn. 7.44.
Battery house. 22.48
Repair shop. 46.28
Bath room. 4.46
Employee's residences (6) 575.24
Total 2,396.84 Sq. M.

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Boiler Equipment.

Steam Generating unit. — Toyo Babcock & wilcox co. 6 units. Brick-set, C.T.M. Babcock & wilcox Boilers. normal 30,600 Lb P.H. each, at 327 Lb. 690. deg F. Boiler-Heating surface, 4,000. Sq. ft. Super-heater heating surface, 1,240 Sq. ft. furnace; Brick Setting hopper-Bottom with refractories.

Coal burning Equipment. — Toyo Babcock & wilcox Co. 6 units. one per boiler. with each driven motor Shibaura Elect. m.f.g. Co. 220V 60Cycle 3. HP. constant speed induction motor. Forced draught Compartment type Mechanical chain grate stoker: Style No. 31. grate area 146 sq. ft with Coal meter, each.

Draught. fans. — Ebara m.f.g Co. 6 units. Forced draught fans. one per boiler. each 20,977. C.F.P.M. against 3 inch H_2O. at 860 R.P.M. each driven motor 25 H.P. 220 V 60 cycle. Shibaura Elect. m.f.g. Co. Constant speed induction motor with accesories. 6 units. Induced draught fans. one per boiler, each 39,906. C.F.P.M. against 3 1/4 inch H_2O. at 690 R.P.M. each driven motor 40 H.P 220 V 60 cycle, Shibaura Electric m.f.g. Co.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

constant speed induction motor with accesories.

Boiler feed pumps.— Ebara mfg co. 4 units. each five stages Turbine pump with a capacity of 24.1 G.P.M. against 950 ft head at 3500 R.P.M. driven motor 85 H.P. 3,300 V 60 cycle. Shibaura. Elect, mfg co. constant speed induction motor. with accesories.

Coal handling Equipment.— Masunari Doriokv Co. 1 unit Coal backet Elevator, a capacity of 20 ton. P.H.
1 unit Coal belt conveyer, a capacity of 20 ton. P.H. with manual operating tripper. rubber belt 14 inch W.D. 147 ft 7 5/8 inch L.G. 3 ply. Driven motor of Coal backet Elevator, 7.5 H.P. 220 V 60 cycle, 1,750 R.P.M. and ditto of Coal belt conveyer. 30 H.P. 220 V. 60 cycle, 1,800 R.P.M. each Connected to two-step speed reducer Rectangular Coal banker. overhead type a capacity of 100 ton. each 50 ton. with Coal chutes, gates and all structual steel & housing for equipments.

Heat recovery unit.— Toyo Babcock & wilcox co. 6 units. Ribbed Tube C.I. Economizers one per boiler. Heating surface, 3,070 sq ft each Gas inlet temp to Econ. 635 deg F. outlet temp from Econ.

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366 degF. Feed water inlet temp to ton.
110 degF. water outlet from Econ. 230
degF.

Soot Blowers. — Toyo Babcock & Wilcox Co. 6 units
one per boiler. Diamond Soot Blower
G-G-A. But Calorized and plain
tube elements deformed by heating
for Longe time, unserviceable.

Blow off valves. — Toyo Babcock & Wilcox Co. each
boiler fitted. by
1 unit 2 inch bore for boiler bottom blow off.
1 " 2 " " " Economizers " "
1 " 3/4 " " " Superheaters " "
1 " 1½ " " " Soot Blowers " "

Boiler Steam Lead pipes. Masunari Donoku Co.
Feed water Main pipes. —
Steam & Feed Water pipe insulation —
Raw water pumps. — Ebara Mfg Co. one unit.
Centrifugals with a capacity of
35 ton. P.H. against 49 ft. 2½ inch
head at 1,735 R.P.M. Driven motor
5 H.P. 220V 60 cycle. constant speed
induction motor. 2 units centri-
fugals each 617 Lb P.M. against
80 ft head at 1720 R.P.M.
Driven motor 7.5 H.P 220V 60 Cycle
Constant speed motor. each.

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Ferro concrete stack. — Konoikegumi Co. 2units.
each Top dia 7ft - 11¼ inch
Height of stack from ground Level.
119 ft - 3⅞ inch with up-take-
flue duct.

Flue Gas & Air steel duct & Dampers. — Masunari Dori-
oku Co. all structural steel
and housing for equipments.

Boiler Gallery & Ladder. — ditto

Steam Receivers. — ditto

Hot well tank. — Hojiwara concerns. 1unit fabric-
ated steel tank. water capacity
of 27 ton. 13 ft - 1⅜ inch L.G.
7 ft - 6½ inch W.D. 9 ft - 10⅛ inch D.P.
with over flow piping

Surge tanks. — masunari Dorioku Co. 2units.
water Capacity of 50 ton (No.2)
& 34 ton (No.1) riveted steel tank
with water level indicating devices.

Ash handling equipment. — masunari Dorioku Co. 2units
drag chain type Ash conveyers. a
capacity of 5 ton P.H. Chain speed
41 F.P.M. driven motor. 5 H.P. 220V
60 cycle yasukawa Elect. mfg Co
constant speed motor with speed
reducer each.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Cinder Hopper & Sliding Gates. —— Masunari Dorioku Co 6 units. one per boiler. Ferro Concrete. work.

Ash Hoppers. —— Masunari Dorioku Co. 12 units. 2 units per boiler. Ferro-concrete work.

Bilge pump for flue duct. —— Matsuo iron works. 1 unit Centrifugals 1½ inch bore with 1 H.P. 220 V. 60 cycle induction motor.

Bilge pump for culvert. —— Hiroshima Irrigation industry co. 1 unit. centrifugals 8 inch bore with Driven motor 15 H.P. 220V 60 cycle induction motor.

Raiw water suction piping. —— Matsue city.

Feed water flow meters. —— Yamatake industry co. 2 units. Brown electric water flow meters. one per 3-boilers Inner parts made of U.S.A.

FEED water strage pond. —— Kono ike Co. Ferro concrete wark. Strage Capacity of 506 ton. 49 ft 2½ inch L.G 65 ft 7 3/8 inch W.D 1 ft – 6¾ inch D.P.

Coal unloader —— Nippon Crane mfg. Co. a capacity of 40 ton of coal. with bin & travelling rail.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Coal & Ash Handling Wagons & rails. —— 15-Turn over type Wagons. riveted steel structures. transporting capacity. 661 lb of coal.
572 p.c. 12 lb rail. Total length 8,858 ft. with point rails.

Laboratory for coal & water. —

Repair shop. —— 1-Engine Lath, 8 ft. 1-upright drilling machine 1-Tool grinder. 1-Driven motor. 5 H.P. 220v. 60 cycle induction motor.

Hot well pump. — Ebara mfg Co. Quantities 35 ton. P.H. Head 49 ft - 2½ inch. at 1,730 R.P.M. Driven motor 5 H.P. 220v. 60 Cycle constant speed induction motor.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Steam Turbogenerator Equipment.

Turbo-generators. —— Mitsubishi ship building yard. Jungstrom steam turbogenerators 2 units, each. Throttle steam 298.6 lb/sq inch. G. 662 degr. straight condensing Jungstrom steam turbine Max continuous output 7,000 K.W. & normal output 5,000 K.W. at generator end: 7,965 sqft Surface condensing plant with one Condensate pump. 1,483 C.F.P.M. with direct coupled motor. & one circulating pump 65,686 C.F.P.M. with direct coupled motor. & Two stages steam air ejector, oil cooler with two oil pumps, direct coupled to motor. Each Steam turbines drives 7,000 K.W. 0.8 P.F. 3,500 V 3 ph-Turbo-generator at 3,600 R.P.M. & one 60 K.W. 220 v. D.C. one through shaft end connected exciter. with air filter & air cooler 161.5 sq. ft. & attached with Automatic condensate bypass valve & closed feed water regulator.

Switch gear Equipment. — Mitsubishi Elect. mfg co.
2 units oil circuit breaker 3,500 V. 2,000 A
Rupturing Capacity 41,200 A.
for Turbo generators.

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2 units O.C.B. 350cV 2,000A. R.C. 41.200A.
for main transformer's primary circuit.
2 units O.C.B. 3500V 600A. R.C. 41.200A
for main House power circuit.
1 unit. O.C.B. 3500 v. 600A R.C. 41,200A
for feeder to south substation belonged
to power supply Co.
1 unit, O.C.B. 69,000 v 400A. R.C. 500,000
K.V.A. out door type.
for matsue steam power plant transmission
Line.
1 unit, O.C.B. 69,000 V. 400A. R.C. ditto
for Kokansen Transmission Line belong
ed to power supply Co.
1 unit, O.C.B. 69,000V. 400A. R.C. ditto.
for Bus-bar Coupler.
2 units O.C.B. 66,000a v 400A. out door
type for secondary circuit of main trans-
formers.
each O.C.B. attached with P.T. & C.T. &
all accesories.

Switch board panels.—mitsubishi Elect. mfg Co.
2 units for Jungstrom turbo generators.
2 " Excitors.
2 " main transformers Primary circuit.
2 " " Secondary "
1 " South Substation.
1 " House power service.
2 " Transmission Lines.
2 " Bus-bar couplers
1 " motor generator.
2 " Automatic voltage Regulators

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4units for temperature indicating panels.
/ " " " Signaling for Boiler attendant
& Turbine drivers.

Main Transformers.— Mitsubishi Elect. mfg. Co. Single phase oil immersed Self Cooling out door transformers. 8 units - 3,000 K.V.A. 3,350 V / 66,000 V. 60 cycle. each

House Transformers.— Hitachi Elect. mfg Co. Single phase oil immersed Self Cooling outdoor transformers. 4 units 200 K.V.A 3450 V / 210 V.

Motor-generating Set.— Hitachi Elect. mfg Co. 1 unit D.C. side 10 K.W. Shunt generator 110 V. A.C. side 15 H.P. 3 ph- induction motor 220 V. 60 cycle for battery charging purpose.

Mercury Rectifier.— Yuasa Strage battery mfg. Co. 1 unit. D.C. side W.V. 100-160 V
A.C. " " " 200-220 V
3.2 K.W. of D.C. Capacity with transformers & accesories.

Storage Batteries.— Ditto.
53 p.c. Stationary Battery.
discharging capacity 145 A.H.
at 10 hour rate for O.C.B. control source.

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Steam Flow meters. — Yamatake industry Co. 2 units
Brown Electric Steam Flow meters
for steam turbines.

out door structures for main & House Service Transformers.
Agitawa iron works.

indoor structures. — ditto.

Air compressor. — Sen Trading Co. motor driven
Four cylinders compressor
for cleaning.

Mechanical Testing instrument. — 2 dial indicators.
2-Stop watches.

Electrical Testing instrument. — 1-A.C. Portable
Voltmeter. 1-A.C. " Ammeter.
2-meggers. 1- Earth Tester.

Gates & Screens for water intake — Kōnoikegumi Co.
2 routes from the river
Ōhashigawa.

Culvert for circulating water. — Kōnoikegumi Co.
1 rout to the river Tenjingawa.

over-Head Travelling Crane in Turbine room. — Masana-
ri dōrioku Co. 1 unit. manual
operating main hoist 15 ton
Auxiliary Hoist 3 ton. Lift-
22 ft - 11½ inch. Span -
42 ft - 7¾ inch.

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Turbine room flooring, Grating & Ladders. — Masonari Soriokw Co.
Drainage piping. — Ditto

Lighting & Heating Equipments. —

Stenciles for Engineer's & clerking offices. —

Spare parts for all machines & equipments. —

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Matsue Electric Steam power plant.
J.E.G.T. CO.

Item.—2.

List of owners and percent of stock they hold.
prepared by Matsue Electric Steam power plant.
Matsue January. 20. 1947.

surveyed at the end of 1945.

Big stock owners.	old stock	new stock	Total stock	%
OSAKA. Pref. Goverment.	1,248,392	30 000	1278.392.	4.3
TOYAMA. " "	1,148.162	0	1.148.162	3.9
TEIKOKU Life insurance co.	710,000	30.000	740.100.	2.5
YAMAGUCHI Pref. Goverment	690.927	11.500	702.427.	2,4
Tokio Express Elec. RLY Co.	541.230	11.600	552,830.	1.8
KOBE City Goverment.	512,294	0	512,294	1.11
MEIJI Life insurance co.	428.734	41.000	469,724	1.6
NIPPON investment & trust co	460.550	0	460.550	1.5
CHIYODA Life insurance co.	458,600	0	458,600	1.5
DAIICHI " "	409,913	100.	410.013	1.4
Total	6.608.902	124.200.	6.733.102	22.6
over all stocks.	27.360,000.	2.000.000	29.360.000	
over all stockowners.			162.537	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Matsue Electric Steam Power plant.
J.E.G.T. Co.

Item — 3.

List of past owners. IZUMO ELECT. POWER SUPPLY Co Ltd.
surveyed at the end of 1942.

Big stock owners	old stock	new stock	total stock	%
M. Rioji. Itakura.	1032	1.461	2493	0.62
Takekaro. Itohira	1.499	1.408	2.907	0.73
Itaro. Inaga.	490	980	1.470	0.37
Soji. Hayashi.	500	1.960	2,460	0.63
Japan Fertilizer mfg Co.	451	902	1.353	0.34
Mr. Gaku. Honma.	932	825	1757	0.44
Jiuro. Hori.	1.501	2.413	3.914	0.98
Giichi, Ohshima.	0	1.000.	1.000	0.25
The first Life insurance Co	1.000	2.000	3.000	0.75
Mr. Shioji. Murakami.	1450	0	1450	0.36
Yataro. Kamimura.	500	600	1.100.	0.28
Bunyo. Yamaguchi.	1.000.	0	1.000	0.25
Gonshichi, Yamamoto.	1.272.	2.185	3.457	0.86
Shigeru. yamano.	600	570	1.170	0.29
Yoshiyoki. Matsumoto.	1152	2.300	3,452	0.86
Chiutaro, Hagiwara.	746	1.493	2.239	0.56
Kamejiro. Kodama.	460	570	1.030	0.26
Rio. Kodama.	708	300	1.008	0.25
Koji. Esumi.	855.	1.110	1.965	0.49
Sanin Banking Cooperation.	0	5.358	5.358	1.34

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Big stock owners	old stock	new stock	Total stock	%
Mr. Minoru, Sasada	1.310	113	1.423	0.36
Sasada Co, Ltd.	2.600	1.700	4.300	1.07
Sasada Hōkōkai.	0	5,000	5.000	1.25
Mr. yukio. Sakurauchi.	3,050	4.500	7.550	1.89
Toyokichi, Migoshi.	250	919	1.169	0.29
Hōse, Shimada.	500	700	1.200	0.30
Nisaburo. Hiroumi.	400	800	1.200	0.30
Konizo. Mochida.	695	642	1.337	0.33
Koizo. Saguchi.	2850	0	2.850	0.72
Total.	27.803	41.809	69.612	16.17
over all stocks.			400.000	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
16 NOV. 1948	REMOVAL OF NIPPON HASSODEN (K.K.), MATSUE STEAM POWER PLANT FROM REPARATIONS CATEGORY	SHIMANE M.G.T. BASIC

VI. A.—RELEASE OF REAL PROPERTY

VIA

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

COPY

HEADQUARTERS
SHIMANE MILITARY GOVERNMENT TEAM
APO 317

SHC/ts

SMGT 387.6 (RCI) 16 November 1948

SUBJECT: Removal of Nippon Hassoden (KK), Matsue Steam Power Plant from Reparations Category.

THRU : Channels

TO : The Supreme Commander for the Allied Powers
APO 500
(ATTN: Reparations Section)

36-2
VII A

1. Reference:

a. File AG 387.6 (13 Aug 48) ESS/IN (SCAPIN 1131).

b. Par 1e, Operational Directive Number 21, Headquarters, Eighth Army (30 March 1948), subj: "Japanese Reparations Facilities".

2. Under the provisions of reference 1b above, the following information regarding the Matsue Steam Power Plant, (Nippon Hassoden (KK) Saka, Shimane, Matsue-shi, Higashi-tsuda-cho) is submitted:

a. The subject plant is the only Steam Power Plant in both Shimane and Tottori Prefectures. When water is low causing the Hydro-Electric plants to cease operations, the plant furnished power throughout the region. The nearest Steam Power Plants are located in Yamaguchi Prefecture but are not connected with this Prefecture. In the Matsue plant, power is furnished from Hiroshima Prefecture but only to the bare minimum requirements, in the event of a breakdown.

b. The plant operates at approximately 65% of 14000 KW capacity, due to the poor quality of coal available. This necessitates rigid rationing of electric power in this area. The nearest plant to Matsue is located in Nima Gun and is not in operation due to the unavailability of parts and machinery to effect repairs. In the event of its repair in the future, the maximum capacity of the plant is only 6000 KW and would scarcely relieve the situation in this area, if the subject plant was taken as Reparations.

3. Recommend that the above plant be removed from Reparations Category and returned to the Japanese Central Government; due to its critical need in the local rehabilitation of industry as well as its key position in the electrical circuit of Chugoku Region.

/s/t/ CLAYTON L. MAUSERT
Lt Col, TC
Commanding

COPY

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section VI. B. Release of Materials

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

VIB

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section VI. C. Release of Machinery

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
9 Feb. 48	Release of Certain Reparations Items to Japanese Economy	SMGT - Basic

Section VI. C. Release of Machinery

VIC

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

COPY

HEADQUARTERS
SHIMANE MILITARY GOVERNMENT TEAM
APO 317

JCS/ce
9 February 1948

SMGT 386.3

SUBJECT: Release of Certain Reparations Items to Japanese Economy.

36-2
(S R)
VII C

THRU: Japanese Liaison Office.

TO: Construction Board, Japanese Central Government, Tokyo, Honshu, Japan.

1. In compliance with wire message DX99529 (MGEM), the following reparations machinery is hereby released to the Japanese Government:

2. Name & Location of Plant	Code Number of machine	
Nakamura Shipbuilding and Engr. Dept. 28 Higashi-machi, Matsue	36-4(2)-82 thru 88	total 7mach.
	36-4(2)-90 thru 92	" 3 "
	36-4(2)-94	" 1 "
	36-4(2)-97 thru 101	" 5 "
	36-4(2)-104 " 106	" 3 "
	36-4(2)-110 " 111	" 2 "
	Total 21 Machines (All inventoried items)	
Shinji Plant, Daiwa Cotton Spinning Mil, Shinji, Yatsuka-gun	36-4(3) 36-6(3)	
	Total of 93 machines (All inventoried items)	
Izumo Shipbuilding Co. and Iron Works, 220 Shimada-mura, Nogi-gun	36-4(4)	
	Total of 42 machines (All inventoried items)	
Imaichi Technical School, Izumo-shi, Otsu-gun	36-4(5)	
	Total of 22 Machines (All inventoried items)	
Gotsu Technical School, 1477 Goda, Gotsu-cho, Naka-gun	36-1(6)	
	Total of 16 Machines (All inventoried items)	

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

COPY

Name & Location of Plant	Code Number of Machine
Ishibashi Heavy Industry Co. Ltd., Makata Plant, Chikuya-mura, Yatsuka-gun	36-6(7) 36-4(7) 36-8(7) 36-7(7) Total of 12 Machines (All inventoried items)
Makoto Kamano, Matsuda-cho, Mino-gun	36-3(8) Total of 6 Machines (All inventoried items)
Kitai Iron Works, Araki-mura, Hikawa-gun	36-4(9) Total of 3 Machines (All inventoried items)
Nakashima Sewing Machine Works, 567 Otesenba, Matsue	36-4-3726 3727 3728 3729 Total of 4 Machines
Enjo Iron Works, 466 Kisuki-cho, Ohara-gun	36-3(11) Total of 3 Machines (All inventoried items)
Hamada R R Engr Section, Hamada-shi, Naka-gun	36-1(12) Total of 2 Machines
Iwami Metal Industrial Co. Ltd, 1280 Goda, Gotsu-machi, Naka-gun	36-1(13) Total of 1 Machine
Ishida Machine Factory, 1841 Masuda-cho, Mino-gun	36-3(14) Total of 1 Machine
Hamada Railway Maintenance Section, Hamada City	36-1(15) Total of 1 Machine
Yoneda Iron Works, 944 Yokota-cho, Nita-gun	36-3(16) Total of 2 Machine
Shimane Bicycle and Metal Planting Co., 1932 Otsu-cho. Izumo City	36-4(18) Total of 3 Machines

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COPY

3. Request that original copy of this correspondence be receipted and returned to this Headquarters immediately.

s/ Clayton L. Mausert
t/ CLAYTON L. MAUSERT
Lt. Col. TC
Commanding

Copies furnished
1. SCAP
2. Hq 8A (Mil Gov't Section)
3. Hq Chugoku Mil Gov't Region

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

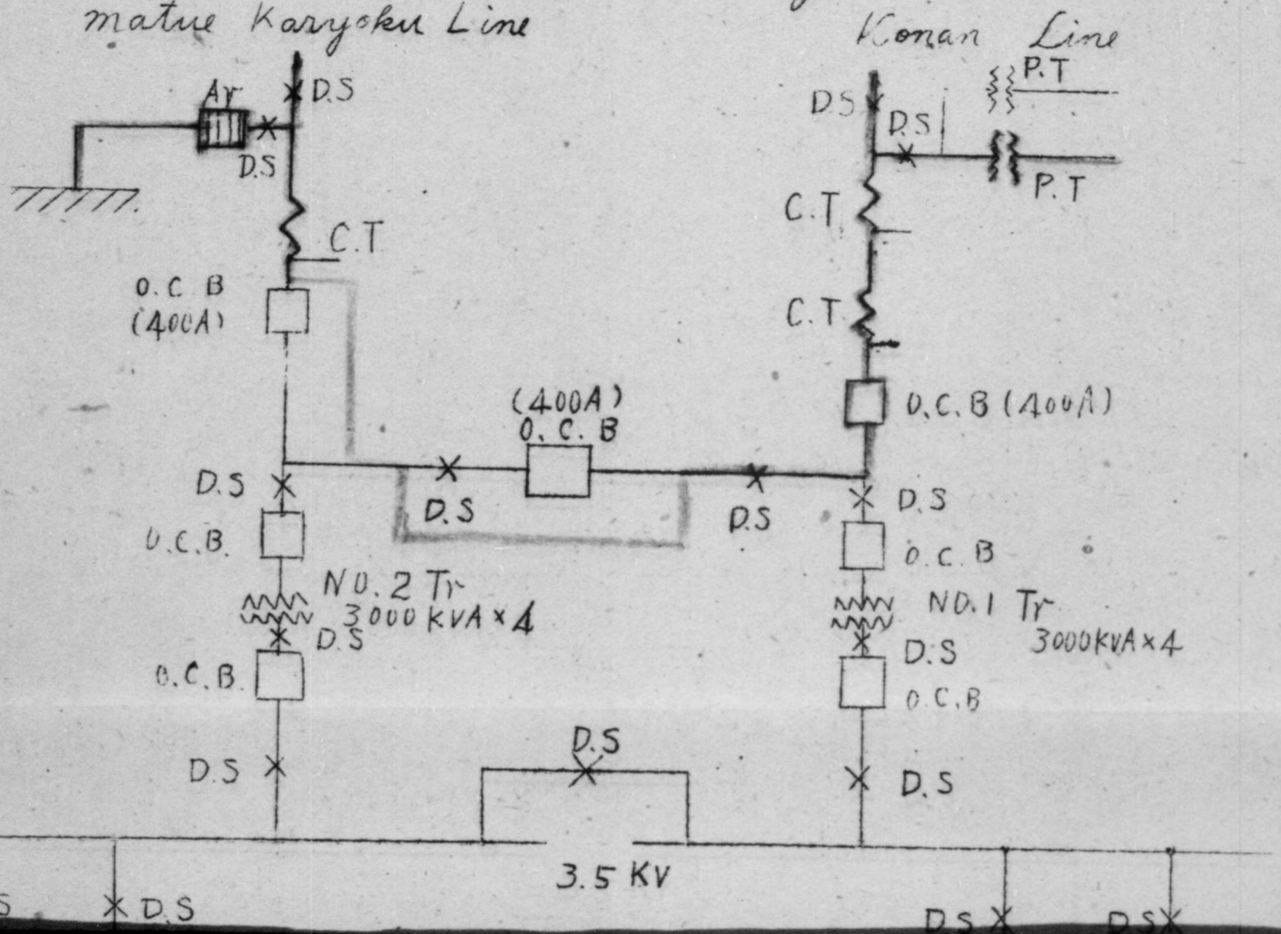
NIPPON HASSODEN K.K. 36-2
MATSUE STEAM POWER PLANT
Section VII. Miscellaneous

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

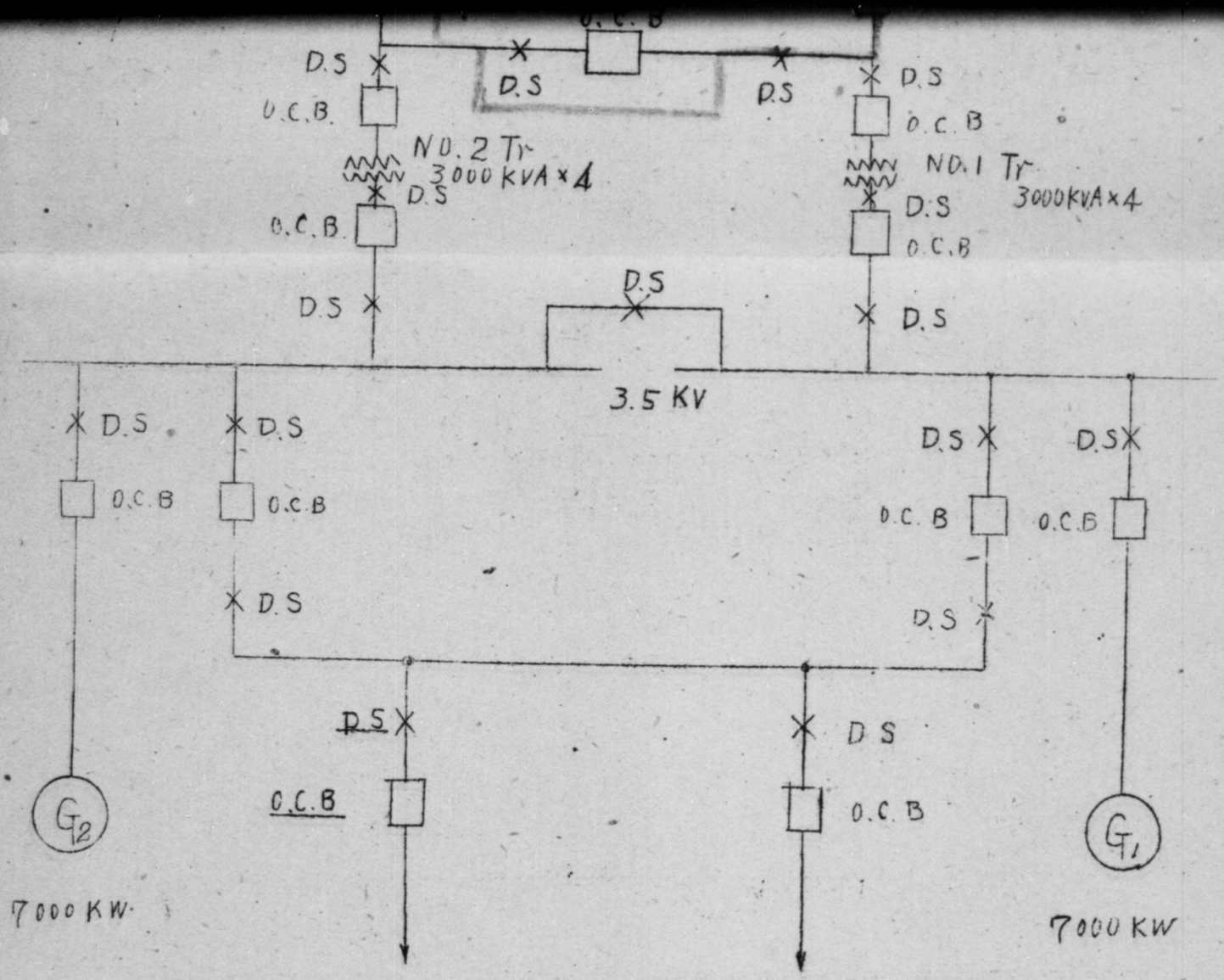
DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 77 5013

MATUE POWER PLANT

Skeleton Diagram



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 77 5013



— to be exempted

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

No. 17

Appeal for partial exemption
on designated thermal power plant.

Matsue Power Plant

A. Name of company — Japan Electric Generation & Transmission Co., Ltd.

B. Name of Power Plant — Matsue Power Plant.

C. Address of company and power plant

(a) Company — 1-banchi, 1-chome Koishikawa-machi
Koishikawa-ku, Tokyo-to

(b) Power plant — 592-1-banchi, Higashi-Tsuga-machi
Matsue-shi.

D. Date of establishment of company and beginning of operation of power plant.

(a) Establishment of company — April 1939

(b) Beginning of operation of power plant — June 1936

E. History of power plant

First the Izumo Elec. Power Company completed 7,000 Kw in June, 1936. Extension work of another 7,000 Kw was then completed in July, 1936, and the authorized capacity was set at 14,000 Kw. The April, 1939, it has been taken over by the Japan Electric Generation & Transmission Company.

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F. Generated electric power from 1939 to 1945

Year	Generated electric power (K.W.h.)
1939	28,022,000
1940	15,302,600
1941	9,016,300
1942	24,858,600
1943	25,035,200
1944	23,060,400
1945	4,998,700

G. Generated electric power after the end of war

(a) Electric power generated after the end of war until hot.

(August 1946)

Year	Month	Generated electric power (K.W.h.)
1945	Sep.	0
	Oct.	0
	Nov.	0
	Dec.	0
1946	Jan.	105,900
	Feb.	0
	Mar.	0
	April.	4,000
	May.	0
	June.	0
	July.	212,700
	Aug.	-

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

I. Main equipments

(a) Authorized generating capacity, 14,000 K.W.

(b) Equipments

1. Steam power equipments

(1) Turbines

Rated out-put (K.W.)	Steam pressure (kg/cm^2)	Steam temp. (oC)	No. of sets
7,000	21	350	2

(2) Boilers

Quantity of Steam generation (t/h)	Steam press. (kg/cm^2)	Steam temp. (oC)	Method of burning coal.	No. of sets
10.5	25	365	Stoker	6

2. Electric power equipments

(1) Generators

Capacity (K.V.A.)	Voltage (V)	No. of revolution (R.P.M.)	No. of sets
8,750	3,500	3,600	2

(2) Main transformers

Capacity (K.V.A)	No. of phase.	Primary voltage (K.V.)	Secondary voltage	No. of sets
3,000	/	3.5	66	8

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I. Extent of exemption desired and its reasons.

a-1- 66kv oil circuit breaker, with accessories and frame works.

This equipment is entirely independent of power generating equipment. It receives power at 66kv through Matsuo-Maryoku transmission line and then supply it to the Chugoku Elec. Distribution Company through Konan transmission line. It is highly desired to be exempted as the service for the district around Matsue city will be totally paralized if removed.

b-3 -store houses and / office.

These are employed to store materials and articles used for the maintenance work not only this power station out for the entire San-in districts.

c-1 - repair shop

This is employed to take care all repair works not only for the power plant in question but for the entire installation existing in the San-in area.

It is highl desired to have it exempted.

Note: The 66 kv and 5.5 kv transmission and distribution equipments, with accessories, have been installed and own by the Chugoku Elec. Distribution Company. They are, therefore, to be exempted from the list of removal.