DECLASSIFIED E.O. 11652 SECTION 3 (E)(1)(2) NSC Memo 11/28/77

List of reparation machinery and equipment to be used

Applicant Name: Nippon Hassoden K.K.
Location: 1-11, Koishikawa-machi, Bunkyo-ku, Tokyo-to

	Type & size	Inventory No.	No. of machine	AU or TU
-yard, Mitsubishi ry	Capacity 1,350 M^3/min. Draft 180 mm WG	AUX - 17,18	2 Units	None
ki	Induction motor 220 HP	AUX - 17,18	2 "	None
, Mitsubishi ry		AUX - 17,18	2 "	None
nki K.K.	Induction motor 105 HP	None	2 "	None
-yard, Mitsubishi y	Tube mill, Capacity 15 T/H	P3. P4	2 Units	None
nki K.K.	Induced Motor 350 HP	AUX - 8,9	2 Units	ditto
-yard, Mitsubishi try	Diameter 2,800 mm	None	2 "	"
	Diameter 4,000 mm	None	2 "	"
	Diameter 3,000 mm	None	2 "	ditto
	Motor 1 HP		2 "	"
	Motor 2.3 HP	None	2 "	"
	Capacity 617 M^3/min. Draft 490 mm WG	AUX 12 one is with no number	2 "	"
nki K.K.	Induction motor 250 HP	None	2 "	"
-yard, Mitsubishi try	Capacity 55,000 M^3/min. Draft 120 mm WG	None	1 "	"
nki K.K.	Induction motor 60 HP	None	1 "	"

DECLASSIFIED E.O. 12065 SECTION 3 (E)(2) NARS NO.

COPY

25.6.15

15 Apr. 1950

Application for movement and authorized use of designated reparation machinery and equipment.

To: Ministry of International Trade and Industry.

From: Eiichi Ohnishi, President of Nippon Hassoden K.K.

Address: Koishikawa-machi, Bunkyo-ku, Tokyo-to.

1) Name (Code No. ~~45-12~~) and Location for the plant which intends to use designated reparation machinery and equipment.

Name: Nippon Hassoden K.K. Onoda steam power plant (Code No. 45-I2)

Location: Shin-Okinoyama-Umetatechi, Onoda-shi, Yamaguchi-ken.

2) Name (Code No.) and Location of the plant where designated reparation machinery and equipment to be used actually exist.

Name: Nippon Hassoden K.K. Shimizu steam power plant (Code No. 37-36)

Location: Mihokaizima, Shimizushi, Shizuoka-ken.

3) List of reparation on machinery and equipment to be moved and used.

a
Drfting machinery and equipment for one boiler.

Pulverizing machinery and equipment 2 sets.

4) Necessity for movement and use of machinery and equipment.

The Japanese Government previously submitted the application to GHQ. Scap. to construct seven steam power plants, referred to the application C.L.C.O. No.79I dated 23, March I949, in order to tide over the power shortage throughout the country, to which we were given the informal permission by the memorandum No.600.I (I9, Sep. '49) ESS/UF.

MINISTRY OF INTERNATIONAL TRADE & INDUSTRY
4/5-12 Mac II

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(iii) NLS #87-

By this permission, we wish to convert parts of the No.3 additional boiler of Onoda steam power plant now actually located in the premises of Shimizu steam power plant after dismantling them and also we intend to cut and save the term of construction and expense thereof, as well as to solve the foremention power shortage by this plan.

Signed _____

EIICHI OHNISHI, President.
Nippon Hassoden K.K.

List of reparation machinery and equipment to be used

Applicant Name: Nippon Hassoden K.K.
Location: I-I Koishikawa-machi, Bunkyoku, Tokyo-to.

Shimizu P.P.

Name of machine	Maker	Type & Size	Inventory No.	No. of machine	AU or TU
Draft equipment					
Induced draft fan	Nagasaki Ship-yard, Mitsubishi Heavy Industry	Capacity I,350M3/min Draft I80 mm WG	AUX-I7,I8	2 Units	None
Motor for ditto	Mitsubishi Denki	Induction Motor 220 HP.	AUX-I7,I8	2 "	None
Sinclair Coupling for ditto	Kobe Ship-yard, Mitsubishi Heavy Industry		AUX-I7,I8	2 "	None
Motor for forced draft fan	Mitsubishi Denki K.K.	Induction Motor I05 HP.	None	2 "	None
Pulverized equip.					
Pulverizer	Nagasaki Ship-yard, Mitsubishi Heavy Industry	Tube mill, Capacity I5 T/H	p3. p4	2 Units	None
Motor for ditto	Mitsubishi Denki K.K.	Induction Motor 350 HP.	AUX-8,9	2 "	ditto
Shifter	Nagasaki Ship-yard, Mitsubishi Heavy Industry	Dia. 2,800 mm	None	2 "	"
Main Cyclone Collector	ditto	Dia. 4,000 mm	None	2 "	"
Auxiliary cyclone collector	ditto	Dia. 3,000 mm	None	2 "	ditto
Air lock	ditto	Motor I HP.	None	2 "	"

Shimizu P.P. (37-36)

Name of machine	Maker	Type & Size	Inventory No.	AU or TU	
Coal feeder	ditto	Motor 2.3 HP.	None	2 Units	ditto
Exhauster	ditto	Capacity 6I7M3/min Draft 490 mm WG.	AUX I2 one is with no number	2 "	"
Motor for ditto	Mitsubishi Denki K.K.	Induction motor 250 Hp.	AUX I2 one is with no number	2 "	"
Gas fan	Nagasaki Ship-yard, Mitsubichi Heavy Industry	Capacity 55,000 M3/min Draft I20 mm WG.	None	I "	"
Motor for ditto	Mitsubishi Denki K.K.	Induction Motor 60 HP.	None	I "	"

C O P Y

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

WT/ABO/MWH/RAS/jtt

387.6(10 Feb 50)ESS/IND

10 February 1950

MEMORANDUM FOR: Reparations Agnecy, Tokyo

SUBJECT: Application for Movement and Authorized Use of Items Listed for Reparations.

1. Reference is attached R.A.R. No. 24 (MS), subject: Application of Nippon Hassoden K.K. for Movement and Authorized Use of Reparations Equipment, dated 23 January 1950.

2. Subject application requests permission to transfer to the Sunagawa Steam Power Plant, Nippon Hassoden K.K., the 90 ton/hour steam boiler and parts thereof currently dismantled and located at the company's Onoda (45-12) and Shimizu (37-36) Steam Power Plants. The application for the movement and authorized use of the equipment listed in reference 1, above, is approved.

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

MAURICE M. CLASS
Chief, Industry Division

1 Incl
as indicated.

Copies furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R. A. Steele: M. M. C.
26-6552

45-12 Sec. Z

CA SEC COPY

C O P Y

ECON 732

DECLASSIFIED E.O. 12065 SECTION 3 (E), NARS MAR

COPY

TO : General Headquarters, Supreme Commander for the Allied Powers.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application of Nippon Hassoden K.K. for Movement and Authorized Use of Reparations Equipment.

RAR No. 24 (MS) 23 January 1950.

1. The Reparations Agency hereby submits to your Headquarters an application of the Nippon Hassoden K.K. for approval to move and use a boiler for power-generating plant, together with a recommendation of the Ministry of International Trade and Industry, as attached hereto.

2. As stated in the attached sheets, the boiler under application was originally a complete one set but before the termination of the war it was stored separately, one part of that set was stored in the Shimizu Steam Power Plant (Code No. 37-36) and the other part in the Onoda S.P.P. (Code No. 45-12). The applicant, Nippon Hassoden K.K., which is now planning to expend the facilities of the Sunagawa Plant and other plants, in compliance with an informal permission of SCAP, is anxious to move the said boiler to the Sunagawa Plant and operate it.

3. The utilization of these equipment will considerably save the construction expenditure and greatly contribute to ease electric power stringency prevailing in Hokkaido District. The Japanese Government would be very much obliged if your Headquarters be good enough to give a most favorable consideration to this application.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

Inclosure:
1) Recommendation of the Ministry of I.T. & I.
2) Application of the company.

COPY

C O P Y

List of the machinery.

Simizu Power Plant (37-36) ____ about 240 ton (30%)

Onoda Power Plant (45-12) ____ about 575 ton (70%)

Total about 815 ton

Item	Onoda Steam Power Plant Kg roughly estimated weight	Shimizu Power Plant Kg roughly estimated weight
Parts of superheater	20,700	147,400
Parts of furnace	126,300	85,700
Parts of column	35,500	190,700
Parts of ash handling	-	15,200
Parts of economizer	2,300	29,400
Parts of air preheater	-	67,500
Attached machineries	36,000	-
Height pressure pipes and values	-	4,000
Metering boards	1,400	-
Other parts	17,800	35,100
Total	240,000	575,000
Grand Total	815,000	

This machinery existed as dismantled parts in above mentioned two plants.

C O P Y

DECLASSIFIED E.O. 11652 SECTION 3(E) and 5(D)

Report on Use of Reparations Installations

Name of plant: Onoda Hatsudensho, Nippon Hassoden Kabushiki-gaisha.

Cord No. : [45 - 12] SEC II

Address : Onoda, Onoda City

Date : Feb. 8, 1950

1. Copy of conversion or reconversion permit

As shown in the attached sheet

2. List of items in actual production

Generation of electric power

3. 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.

None

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

All the reparations items of this power plant are in authorized use. (See the attached sheet)

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

None

6. 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.

None.

DECLASSIFIED Authority NND 963050 By NARA, Date 12-18-96

General Headquarters S.C.A.P. APO 500

13 Aug. 1946

Information of General Application pertaining to Directive number (SCAP IN 1131), file AG. 387.6 (13 Aug. 1946) ESS/IN dtd 13 Aug. 1946.

Subject: Reparations Selection of Steam-Electric Power Generating-Plants

1. With reference to Memorandum Number ,(SCAPIN 1131), from the Supreme Commander for the Allied Powers to the Imperial Japanese Government the following is published for the information of all concerned.

2. The purpose, of Missuing the referenced letter to the Japanese Imperial Government and the related letter to the commanding General, Eighth United States Army, is to initiate the action necessary to prepare for ultimate removal of the subject steam-electric generating plants for interim reparations. Until such time as these plants are actually removed they must be properly maintained to prevent deterioration of the equipment.

3. The facilities of these power plants includes not only equipment installed in the buildings but also yard equipment such as coal handling facilities, outdoor switchgear and transformers.

4. Removal of steam-electric power generating equipment cannot be accomplished without allowing an interval of time during which all necessary arrangements can be made to redistribute the power loads. This is to assure uninterrupted supply of electric power for essential demand without depending on the generating plants which have been selected for removal. Sixty days has been allowed for the readjustment period, although, in some cases, longer time may be necessary.

5. Essential electric power demand as used in the Memorandum is defined as that which is required to supply the needs of the occupation forces and to supply normal civilian demands that affect the maintenance of the minimum economic welfare of the people.

6. Since the beginning of the occupation the Japanese Government and the Generating Cos. have encouraged wide-spread use of electricity for the expressed purpose of utilizing surplus electric power to overcome shortages of coal and other fuels. They have encouraged, without any apparent limitation or plan, the installation of many insufficient make-shift salt mfg. plants utilizing electric power for production of salt from sea-water. Many factories have electrified coal burning boilers and other industrial heating apparatus, while neither the Government authorities not the operating companies took precautions to properly regulate such practices. Unlimited use of electricity for household cooking and heating has been permitted even where such practices were contrary to existing rule

for controlling unsafe and disturbing uses of electric power. Such demands are abnormal when considering essential demands from a long range economic stand point.
Any practical use of surplus hydro-electric power to overcome shortages of other fuels can be justified. When hydro-electric power output is reduced during dry seasons, the use of steam generating facilities to supply electric power for the abnormal demands, that have developed since the beginning of the occupation, is not justified.

These abnormal demands must not be interpreted as essential demand to justify indefinite need for or permanent retention of the subject power plants.

7. The directive does not intend to restrict the continued operations of the plants. The plants may continue to operate if necessary. However, when the actual date of removal has been decided, the Japanese shall make arrangements to insure, by proper load dispatching, all seasons the distribution of sufficient power to satisfy essential demands. The limited period of 60 days has been established by the directive in order that the Japanese will take direct and effective action to place the plants in a state of readines for shuting down by the earliest date.

8. It is contemplated that the Japanese will furnish personnel and material required by you: that custodial personnel be individuals previously employed in each factory who are familiar with its equipments and requirements for maintenance.

9. It is expected that the Japanese will perform proper maintenance of equipment to preserve it in good condition. Such maintenance is to include sufficient oiling andgreasing, with necessary materials to be furnished by the Japanese Government, when not available at the plant.

10. It is expected that a system will established for spot checking each installation periodically.

When corrective action can be accomplished locally by conference, it should be done. In case of wilfull violation or neglect, immediate report should be made through military channels.

11. Of special importance is the preservation of all records pertaining to the construction and operation of these plants. Such things as foundation plans, arrangement drawings, detail drawing of the individual pieces of equipment, manufactures instruction books, operating instructions, records of past operation, and design data for the plant as a whole, will be invaluable during the process of dismantling and reerecting the plants. The same will be true of special instruments and tools which are required for operation and maintenance. The items of this nature located at the plants must be considered as a part of the facilities which are to be taken into custody and preserved.

DECLASSIFIED E.O. 12065 SECTION 3 NLE/MAS NO. [illegible]

12. Surveillance will be necessary to discourage replacement of experienced operating personel with subsequent possible damage to equipment occasioned by personnel unfamiliar with the equipment.

13. A letter of command instructions pertaining to the execution of the subject memorandum follow through command channels.

For A. J. Rehe

INV. OF EQUIP AT ONODA POW PLANT

Name of Steam Electric Station
Onoda

Address
Onoda-shi, Shin-okinoyama

Installed Capacity
30.000 KW

Actual Capacity
15.000 K.W.

General

The station, close by the Onoda Bay, lies on the Shin-okinoyama reclaimed land, Onoda City, Yamaguchi Prefecture.

It is provided with a latest equipment in Japan which is a central system of burning pulverized fuel supplied from the separate Mill Plant.

Capacity is expected to be 60.000 KW. after completion.

The first and the second section of the work are respectively as follows ;

	Turbo-Generator	Boiler	
The first section	30.000 KW – 1	100 MT/Hr	Existing
The second section	" – 1	90 MT/Hr.	Under construction

45-12
Ans II

1 Steam Turbine Specification

Type	No. of units	Capacity KW.	Press. kg/cm²	Temp. °C	R.P.M.	Mfg.	Year Mfg.	Remark
Imp.	1	30.000	40	435	3,600	M.K.	1943	Existing
Imp.	1	30.000	40	435	3.600	M.K.	1945.	Under construction

• Total Hours in Service ;

Period	No. 1 30.000 kW.
1944 – 48	17,537 Hr.

• Turbine bleed points are as follows ;

No. 1 & No. 2 The 7th, 10th and 13th stage.

2. Generator Specification

Capacity K.V.A.	No. of units	Power Factor	Voltage K.V.	Freq.	R.P.M.	Mfg.	Year Mf	Remark.
37.500	1	0.8	11	60	3.600	M.K.	1943	Existing
37.500	1	0·8	11	60	3.600	M.K.	1945	Under construction

• Total Hours in Service

Period	No.1 37,500 KVA.
1944–48.	17,537 Hr.

3. Boiler Specification

Type.	No. of units	Evap. MT/Hr.	Press. Kg/cm²	Temp. °C	Heating Surface M² Boiler	Super heater	Econ.	Prehea-ter	Combustion	Mfg.	Year Mfg.	Remark.
Sect.	2	100	45	455	775	860	917	3.920	P.F.	M.K.	1943	Existing.
Stirl.	1	90	45	450	1.100	700	600	2.700	P.F.	M.K.	1945	Under construction

• Total Hours in Service

Period	No.1 100 MT/Hr.	No.2, 100 MT/Hr.
1944–48.	11,524	7,755.

All boilers are designed for coal with heat value of (Anthracite 4.300 kcal/kg.------80 %; Bitu. coal 5.300 kcal/kg.-----20 %);
but present coals are (Anthracite 4860/4090-----60%; Bitu. coal 3.780/2880----40%) so the thermal efficiency is dropped.

4. Coal Handling Equipment.

a. Coal unloader (Stationary)

1 set ——————— 150 MT/Hr. Backet crane (2.5 MTs).

b. Overhead crane for coal storage yard.

1 set ——————— 120 MT/Hr. Backet crane (3 MTs).

C. Coal conveyer

No.	Type	Capacity MT/Hr.	Incline	Length M.	Remark
1	Belt Conveyer	200	Incline	47	
2	"	"	0	129	with tripper
3	"	"	Incline	20	
4	"	"	0	84	with tripper
5	"	"	Incline	72	
6	"	"	0	56	with tripper

d. Raw coal Bunker (Reinforced concrete structure).

for Bitu. coal ——————— 300 M^3 (2 sections)

for Anthracite ——————— 900 M^3 (6 sections)

e. Pulverized fuel Bunker (Reinforced concrete structure).

for Bitu. coal —(Per One Boiler)— 35 * M^3 X 2 sections

for Anthracite —(")— 180 M^3 X 1 section

f. Roofed coal yard area

---------- 1500 M^2

5. Pulverizing Equipment

No. of units	Type	Capacity (MT/Hr)	Remark
2	Tube Mill	15	For Bitu. coal
2	"	12	For Anthracite
2	"	12	For Anthracite (under construction)

6. Feed Water System

Evaporator (6.000 kg/Hr.) ---------- ※ By double effect.

Feed water heaters ---------- 4 (Air Ejector → Primary Heater → Deairator → Secondary Heater).

7. Circulating System

Circulating water is supplied from Sea water

-------- Max. 9000 M^3/Hr.

8. Fan System.

Induced Draft Fan (150 KW) ----- for each boiler ---- 2 sets.

Forced Draft Fan (107 KW) ----- " ----- 2 sets.

9. Ash Handling

Discharge by water.

With Ash Pump (40HP×2), Crusher (15HP×1), Ash Pond (120M^3), Agitator Pump (35HP×1), Sand Pump (15HP×3).

10. Indoor Switch Yard.

a. Main power Transformers.

		K.V.A.
(1) Two (One is under construction)------	10.5 KV / 115 KV, 110 KV, 105 KV, 3 phase, 60 cycle, oil circulating.	37,500

b. Spare house Transformers.

(1) One----------	115 KV. 110 KV. 105 KV / 3450 V 3 phase, 60 cycle, Oil circulating..	6,000 K.V.A.

c. Oil circuite breakers.

(1) Three----------	115 KV. 800 A.

11. Indoor Switch Room.

a. House Transformers.

(1) Two (One is under construction)------	11.5 KV. 11.0 KV. 10.5 KV / 3450 V 3 phase, 60 cycle. oil circulating.	5000 KVA.

b. Oil circuite breakers

(1) Two (One is under construction)-------	11.5 KV.	400 A
(2) Two (One is under construction)-------	11.5 KV.	3,000 A.

12. Switch Board Room.

No. of units	Type	material
1	Separate type Bench board	marble.
4	Separate type H.N.	Steel.

4	H.N.	Steel
1.	Bracket	"
4	H.N. Pipe	"

13. Auxiliary Equipment.

a. Motors 3.3 K.V. 3 Phase.

(1) Four — 440 HP. Mill
(2) Two — 170 HP. Exhauster
(3) Two — 120 HP Exhauster
(4) Four — 100 HP. Air compressor
(5) One — 80 HP Kinyon pump.
(6) One — 70 HP Kinyon pump.
(7) Two — 55 HP Gas Fan.
(8) Three — 75 HP Sand pump.

b. Motors 3 KV. 3 Phase

(1) Two — 750 HP Feed water pump.
(2) Two — 280 HP Circulating pump.
(3) Four — 150 KW. Induced Draft Fan.
(4) Four — 107 KW. Forced Draft Fan
(5) Two — 88 HP Separate Fan
(6) Two — 80 HP Condensate Pump.
(7) Two — 52 KW. Primary Fan.

c. Motors 0.22 KV 3 phase

(1) One — 40 HP Ash Pump.
(2) One — 35 HP Ajitator Pump.
(3) One — 30 HP Hoisting Motor (crane).
(4) One — 3 HP 8 ft Lathe Motor

(5) One —3HP 6ft Lathe Motor
(6) One —2HP Vacuum Pump.
(7) One —2HP Fan Motor
(8) One —1HP Grinder

d. Motor 0.2 KV. 3phase.

(1) One —50HP Tube cleaner pump.
(2) Two —30HP Motor generator
(3) Two —25HP Fresh water pump.
(4) Two —25HP Spray pump.
(5) One —20HP Travelling Motor(crane)
(6) One —15HP Hoisting Motor(crane)
(7) One —15HP Permchite
(8) One —15HP Ash crasher
(9) Two —14HP Deairator Extraction P.
(10) One —9HP Heater Drain Pump.
(11) Three —7.5HP Draining Pump.
(12) One —7.5HP Cooling water Draining P.
(13) One —7.5HP Traversing Motor(crane)
(14) One —5HP Permchite
(15) Four —5HP Screen Motor
(16) Two —5HP Bilge Pump.
(17) One —4.5HP Evaporator Raw Water Pump.
(18) Four —3HP Table Feeder
(19) One —2.5HP Valve Motor
(20) One —2HP Turnning Motor
(21) One —2HP Permchite
(22) One —1HP Evaporator Drain pump.
(23) Four —1HP Air Lock Motor
(24) One —100KW. Hoist Motor(unloader).
(25) One —30KW. Belt Conveyer Motor No.2.
(26) One —30KW. " No.4
(27) One —30KW. " No.5
(28) One —20KW. " No.1
(29) One —20KW. No.3.
(30) One —20KW. Travelling Motor(unloader).
(31) One —15KW. Hoisting Motor(")
(32) One —3.7KW. Feeder Motor

(33) One — 7.5 HP 12ft Lathe Motor
(34) One — 5 HP Drop Hammer
(35) One — 3 HP Radial Drill Motor
(36) One — 3 HP Fan Motor
(37) One — 3 HP Shaper
(38) One — 2 HP Drill Motor
(39) One — 2 HP Grinder Motor
(40) One — 1 HP Screw Cutting Motor

C. D.C Motor

(1) 16 — 1.1 KW. Coal Feeder

14. Service Transformers

(1) One 11.5 KV. 11 KV. 10.5 KV. 145 KV. 44 KV. 43 KV.
20.000 KVA. 3 phase, 60 Cycle Oil circulating

DECLASSIFIED: DOD DIR 5200.9

Ltr, Hq Yamaguchi MG Team, Yamaguchi, Serial No. 1535-B, subj: "Permission to Complete Constructions in Reparations Plant", dated 10 October 1947

AG 004 (MG-Em) 3rd Ind 5 Dec 1947

Headquarters, Eighth Army, APO 343

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

No objection is offered to the completion of unfinished construction at the Onoda Plant of the Nippon Hassoden K.K., However, the Nippon Hassoden will be informed that this construction will not constitute basis for special consideration in the event reparations removal is directed.

BY COMMAND OF MAJOR GENERAL RYDER:

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

1 Incl:
n/c

45-12 Encl #1

CMGR 004 4th Ind D/WN/ltn

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu, 8 December 1947

TO: Commanding Officer, Yamaguchi Military Government Team, APO 317

Your attention is invited to 3rd indorsement for information and necessary action.

BY ORDER OF COLONEL SNYDER:

JERRY W. TOM
1st Lt, AC
Adjutant

1 Incl:
n/c

47

yamaguchi Reparation Site

Ltr, Hqs Yamaguchi Mil Govt Team, Yamaguchi, Honshu, Japan, Serial No: 1535-B, subject: "Permission to Complete Constructions in Reparations Plant", dated 10 October 1947.

AG 004 (MG-Em) 1st Ind

Headquarters Eighth Army, APO 343

3 NOV 1947

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

1. Basic communication reached this headquarters without indorsement.

2. Forwarded for recommendation.

BY COMMAND OF MAJOR GENERAL RYDER:

R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

1 Incl:
n/c

CMGR 004 2nd Ind D/JJH/ltn

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu, 12 November 1947

TO: Commanding General, Eighth Army, APO 343

It is recommended by this headquarters that the inclosed petition be approved.

FOR THE COMMANDING OFFICER:

CARL P. MAYER
Major, FA
Executive

Incl:
n/c

37

3419

DECLASSIFIED E.O. 12065 SECTION 3 NLJ/NARS DATE

29 Oct 47

1. NAME

OLD:	Japanese	TOYO SODA KOGYO K.K.
	English	TOYO SODA INDUSTRY CO.
NEW:	Japanese	No Change
	English	" "

2. LOCATION: Tonda-Machi, Tokuyama-shi.

3. CUSTODIAL AGENCY: Reparations Branch, Commerce and Industry Section, Prefectural Govt.

4. CODE NOS:

45-11	Caustic Soda Plant
45-16	Soda Ash Plant

45-11 45-16

5. CLASSIFICATION OF EQUIPMENT:

Integrated Facilities

Caustic Soda	213 items
Soda Ash	1758 "

Encl 8

27.

1. NAME:

OLD:	Japanese	Shimonoseki Zosenjo Mitsubishi Jukogyo K.K.
	English	Shimonoseki Shipyards Mitsubishi Heavy Industries Co.
NEW:	Japanese	No change
	English	" "

2. LOCATION: 1130 Hikoshima, Oaza, Shimonoseki-shi

3. CUSTODIAL AGENCY: Reparations Branch, Commerce & Industry Section, Prefectural Government

4. CODE Nos:

45-15

45.15 encl A

5. CLASSIFICATION OF EQUIPMENT:

Integrated facility

Shipyards	1st factory	878 items
	2nd factory	188 items
		1066

Encl 12

DECLASSIFIED E.O. 12065 SECTION 3 102, MAR 10

ONODA
COAL POWER PLANTS
NIPPON HASSONDEN CO., LTD.

Sept. 30, 1947

TO : Commanding Officer,
YAMAGUCHI MILITARY GOVERNMENT TEAM.
(Attention: Commerce & Industry Sect.)

SUBJECT: Application for Re-opening of the Works.

Sir,

I have the honor to submit an application for reopening of the works as follows:-

The out-put of coal power plants in the Kyushu-Yamaguchi region has fallen due to the unreasonable use during the war time, and consequently such important industries as coal-mining, fertilizer producing, etc., suffered seriously in the dry season of last winter.

If the things be left as they are, it is clear that the severer crisis than that of last year may arise because of the incessant shortage of water and the lack of materials. Therefore, overcoming many difficulties, the Government has decided to adjust the coal power plants in the Kyushu-Yamaguchi region in great haste, for the purpose of increasing the out-put.

In line with this policy, this company after much discussion, wishes to reopen and complete the new construction works of a coal storage and No. 1 and No. 2 boiler heat-keeping works of this station as quickly as possible. These works were under construction with our strenuous efforts when they were suspended because ours was designated as a reparation factory last year, unfortunately resulting in decreased efficiency and no small loss on management of this station.

If the works be completed, the out-put of electric power will be increased and generating conditions be stabilized, thus considerably contributing to relazing the present electric power crisis. Further, we have most of necessary materials and tools at hand, and so the works are expected to be completed in a short time.

As the circumstances are as stated above, we shall be very much obliged if you kindly approve our application for re-opening of the said works.

Your respectfully,

/s/ H. Fujita
/t/ FUJITA Hansuke, Onoda Coal Power Plants, Nippon Hassoden Co., Ltd.

N.

3419

DECLASSIFIED E.O. 12065 SECTION 3 102/NNSC NO.

SECTION III.

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
15 Nov. 1946	Recommendation for release from reaparations	TWGT Basic
27 April 1947	Petition for Exemption from Reparations from Onoda Electric Power Plant.	Japan Generating Co. Basic

III

SECTION III. Exemption of Installation and/or Equipment

III

45-12

April 27, 1947.

45-12
III

Sir,

Subject: PETITION FOR YOUR EXEMPTION OF THE ONODA ELECTRIC POWER PLANT FROM THE LIST OF DESIGNATED COMPANIES FOR REPARATION CONTROL.

We beg to report to you about the importance of the above stated Onoda Electric Power Plant on the industry stated in Yamaguchi Prefecture such as coal mining and fertilizer manufacturing industry etc., and necessity of preserving it as its removal will bring serious effect on all over the important industries.

For your reference, we are herewith submitting explanatory documents under separate sheets and beg to solicit for your kind sanction.

Yours respectfully,

Subject: PETITION FOR EXCLUSION OF THE ONODA ELECTRIC POWER PLANT FROM THE LIST OF DESIGNATED COMPANIES FOR REPARATION CONTROL.

We beg to report to you about the importance of the above stated Onoda Electric Power Plant on the industry stated in Yamaguchi Prefecture such as coal mining and fertilizer manufacturing industry etc., and necessity of preserving it as its removal will bring serious effect on all over the important industries.

For your reference, we are herewith submitting explanatory documents under separate sheets and beg to solicit for your kind sanction.

Yours respectfully,

Akira Tawarada

The President of the Electric Power Conference of the Yamaguchi Prefecture.

1. General Condition of Electric Power in Yamaguchi Prefecture:

Yamaguchi Prefecture is geographically very narrow. There are many mountains, but they are all small and the rivers running are also small and have no constant flow of water.

There are no such good sources of water for electric power plants as in other parts of Japan. For this fundamental reason, this prefecture could not depend on hydro-electric powers and has developped steam power plants and the high voltage transmission line from neighbouring district.

The steam power stations now developped are Ube, Onoda, Mayeda and Ube-Nishi, and the high voltage transmission line, which is called Uchinashi line, is 110 KV and is 500 KM long from hydro-electric power sources.

2. Recent Condition of Electric Supply:

Especially, since this prefecture has started transmitting electric powers to Kyushu district, the burden became greater. Because the demand for electric supplies in Yamaguchi Prefecture amounts to 85,000 KW, and is soon reaching prewar time requirement of 108,000 KW, and therefore the supplied power during dry season is 30,000 KW from power stations and 50,000 KW is transmitted from neighbour. But during the rainy season, we need to supply 80,000 KW through the Uchinashi line, which is correspond to the full capacity of the transmission line.

In spite of the limitation of transmitting stability, we are for-

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In spite of the limitation of transmitting stability, we are forced to supply 25,000 KW - 35,000 KW to Kyushu district when neighbouring prefecture has plenty hydrolic power, As the result of overload, the receiving voltage become lower than nominal value by about 20% - 30%, and the voltage fluctuation is so violent that electric interceptions often occur and their hinderance to industrial production is great.

On the other hand, during the dry season, we must suffer from the fall of frequency and the limitation of power, due to the shortage of power station and coal.

Please refer to the attached sheets No. 1 to No. 8, where are

(continued)

showing the power consumed to coal mining and fertilizer manufacture, and the record of cycle decrease, voltage decrease and interception of power supply, and showing the influences occurred from the shortage of power on the industry. During the dry season of this year, the restriction of electric power for coal mines ~~is~~ WAS about 5% and for fertilizer factories ~~is~~ WAS about 25%.

And due to the under voltage or from the fault of electric supply, the decrease of ammonium sulphate in the Ube Nitrogen Factory, which is the most important factory for fertilizer manufacture, reaches about 370.3 tons from April 1st to 30 th.

3. Conclusion:

From these reasons above mentioned, the most of good steam power plants, Onoda power station, should be released from the list of reparation.

Especially this Onoda Steam Power Plant is constructed to use low heat coal and anthracite largely produced in its near around district, and therefore, it is not much useful if it is brought elsewhere.

On the other hand, Ube and Mayeda power plant are very old and require considerable length of time for repairing of their damaged equip-

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On the other hand, Ube and Mayeda power plant are very old and require considerable length of time for repairing of their damaged equipment.

Under the circumstance above explained, your authority will specially grant to release the Onoda Power Plant and to repair the other two power plants, Ube and Mayeda.

And again, we beg to you to supply sufficient coal all round the year, that is, in dry season to hold 60 cycle and to supply sufficient power for coal and fertilizer industry, and in rainy season to supply nominal voltage since the other high voltage transmission line or other steam or hydrolic power stations will be developped in Yamaguchi Prefecture.

ATTACHED SHEET

I N D E X

NO. 1 Factories contracted consumption of electric power.

NO. 2 The list of the electric power contracter on coal mining industry.

NO. 3 The list of electric demand factories.

NO. 4 Outline of electric powers used by 4 representative coal mines in the western coal mining district.

NO. 5 Required electric power per ton of coal from 1 st to 12 th of Mar. 1947.

NO. 6 List showing percentage of decrease in production of coal in limitation in use of electric power.

NO. 7 Details of electric power consumed by Ube Chisso factory.

NO. 7a The required amount of power in each month from April 1947 , to March 1948 for Ube chisso factory.

NO. 8 Number of electrical troubles and decrease in production of ammonium sulphate in the year 1946.

NO. 8a Number of electrical troubles and decrease in production of ammonium sulphate. (continued to NO. 8b)

Attached sheet No. 1

FACTORIES CONTRACTED CONSUMPTION OF ELECTRIC POWER

ON APRIL 30, 1947.

Kind of Industry	Number of Contracts	Contracted Electric Power
Coal Mining Works	48	21,475 KW
Ammonium Sulphate Factories	3	19,700 KW
Texile Factries	4	4,920 KW
Cement Factries	3	7,050 KW
Others	224	68,249 KW
Total	282	121,349 KW

Remark :

Above figures are only those of 50KW or above quantity of electricity consumption contracted.

Attached sheet NO. 2 (A)

THE list OF THE ELECTRIC POWER CONTRACTER OF COAL MINING IN

1947

	Contracted Electric Power KW	Jan.—Mar. KWH	Apr.—Jun. KWH	Jul.—Sep. KWH	Oct.—Dec. KWH
Okinoyama	3,500	3,201,664	3,314,700	3,538,850	3,968,400
Nagasawa	500	600,000	700,000	750,000	750,000
Higashimisome	3,000	4,181,000	4,600,000	4,800,000	5,200,000
San'yo-muen	3,000	4,580,300	5,150,000	5,400,000	5,250,000
Motoyama	1,150	820,000	1,200,000	1,300,000	1,350,000
		13,382,964	14,964,700	15,788,850	16,518,400
Oohama	1,250	1,285,430	1,500,000	1,500,000	1,550,000
Okiube	800	749,500	1,105,000	1,134,000	1,140,000
Onoda	500	410,550	471,000	495,000	514,000
Hagimori	390	226,000	323,200	298,500	235,500
2-Shin'okinoyama	370	227,398	330,000	450,000	350,000
Kamioki	140	114,200	135,000	155,000	140,000
Wakayama	210	67,390	58,000	55,000	41,000
2-Suzumeda	250	150,000	165,000	180,000	165,000
Shinmisome	220	52,875	53,500	58,600	53,400
Choshin	100 270	132,030	170,000	190,000	200,000
Okiden	210	67,538	120,700	135,000	113,500
Koonan	130	48,260	72,800	68,650	65,500
Heigen	260	119,550	128,700	145,500	153,600
Funaki	130	37,500	38,600	42,200	43,800
Enokiyama	410	87,440	120,500	117,200	108,000
Sakurayama	390	450,000	556,000	675,100	619,800
Suzumeda	450	293,100	428,000	453,000	324,000
Hookoku	200	13,731	8,850	17,560	11,960
Chosei	300	228,700	250,000	300,000	450,000
		4,761,192	6,074,850	6,470,410	6,279,060

DECLASSIFIED E.O. 12065 SECTION 3 NSC MEMO NO.

C POWER CONTRACTER OF COAL MINING INDUSTRY

From Jan. 1947 to Dec. 1948

1947				1948		
Apr.—Jun.	Jul.—Sep.	Oct.—Dec.	Total	Jan.—Mar.	Apr.—Jun.	Jul.—
KWH	KWH	KWH	KWh	KWH	KwH	
3,314,700	3,538,850	3,968,400	14,023,614	4,124,400	4,256,500	4,404,
700,000	750,000	750,000	2,800,000	750,000	800,000	800,
4,600,000	4,800,000	5,200,000	18,781,000	5,500,000	5,700,000	6,000,
5,150,000	5,400,000	5,250,000	20,380,300	5,300,000	5,600,000	5,700,
1,200,000	1,300,000	1,350,000	4,670,000	1,350,000	1,350,000	1,500,
14,964,700	15,788,850	16,518,400	60,654,914	17,024,400	17,706,500	18,404,
1,500,000	1,500,000	1,550,000	5,833,430	1,650,000	1,650,000	1,650,
1,105,000	1,134,000	1,140,000	4,128,500	1,160,000	1,220,000	1,219,
471,000	495,000	514,000	1,890,550	516,000	540,000	535,
323,200	298,600	235,500	1,083,300	285,000	357,000	309,
330,000	450,000	350,000	1,357,398	270,000	350,000	500,
135,000	155,000	140,000	544,200	124,000	143,000	157,
58,000	55,000	41,000	221,390	41,500	48,000	57,
165,000	180,000	165,000	660,000	180,000	200,000	210,
53,500	58,600	53,400	218,375	54,800	55,400	62,
170,000	190,000	200,000	692,030	220,000	240,000	260,
120,700	135,000	113,500	436,738	107,500	136,000	159,
72,800	68,650	65,500	255,210	55,000	75,000	68,
128,700	145,500	153,600	547,350	163,140	180,000	185,
38,600	42,200	43,800	162,100	45,300	46,700	46,
120,500	117,200	108,000	433,140	106,900	131,200	135,
556,000	675,100	619,800	2,300,900	801,100	624,000	759,
428,000	453,000	324,000	1,498,100	300,000	435,000	464,
8,850	17,560	11,960	52,101	12,000	10,000	20,
250,000	300,000	450,000	1,228,700	480,000	550,000	620,
6,024,850	6,470,410	6,279,060	23,545,512	6,572,240	6,991,300	7,418,

DECLASSIFIED E.O. 11652 SECTION 3 (E)(1)(D) NND

(From Jan. 1947 to Dec. 1948)

Total		1948				
		Jan.--Mar.	Apr.--Jun.	Jul.--Sep.	Oct.--Dec.	Total
KWh		KWH	KwH	KWH	KWH	KWH
23,614		4,124,400	4,256,500	4,404,000	4,599,000	17,383,900
00,000		750,000	800,000	800,000	850,000	3,200,000
31,000		5,500,000	5,700,000	6,000,000	6,000,000	23,200,000
30,300		5,300,000	5,600,000	5,700,000	5,550,000	22,150,000
70,000		1,350,000	1,350,000	1,500,000	1,500,000	5,700,000
54,914		17,024,400	17,706,500	18,404,000	18,499,000	71,633,900
33,430		1,650,000	1,650,000	1,650,000	1,700,000	6,650,000
28,500		1,160,000	1,220,000	1,219,000	1,219,000	1,818,000
90,550		516,000	540,000	535,000	555,000	2,146,000
53,300		285,000	357,000	309,300	244,700	1,196,000
57,398		270,000	350,000	500,000	350,000	1,470,000
44,200		124,000	143,000	157,800	135,500	560,300
21,390		41,500	48,000	57,000	44,000	190,500
60,000		180,000	200,000	210,000	200,000	790,000
18,375		54,800	55,400	62,500	58,200	230,900
92,030		220,000	240,000	260,000	280,000	1,000,000
36,738		107,500	136,000	159,000	135,000	537,500
55,210		55,000	75,000	68,000	65,000	263,000
47,350		163,140	180,000	185,000	185,000	713,140
62,100		45,300	46,700	46,700	46,800	185,500
33,140		106,900	131,200	135,000	119,800	492,900
800,900		801,100	624,000	759,800	769,000	2,953,9000
98,100		300,000	435,000	464,000	330,000	1,529,000
52,101		12,000	10,000	20,000	15,000	57,000
28,700		480,000	550,000	620,000	750,000	2,400,000
45,512		6,572,240	6,991,300	7,418,100	7,202,000	28,183,640

DECLASSIFIED E.O. 11652 SECTION 3 (E)/MHS NO. [illegible]

Attached sheet NO. 2 (B)

1947

	Contracted Electric Power KW	Jan.--Mar. KWH	Apr.--Jun. KWH	Jul.--Sep. KWH	Oct.--Dec KW
	280	177,900	185,000	198,000	186,000
Ube	300	23,312	27,400	28,800	30,000
Miyata	70	21,000	21,500	19,000	16,500
Wakaoki	240	165,900	175,000	175,000	170,000
Noguchi	85	27,000	30,000	29,000	30,000
Onoyama	110	33,259	39,000	45,000	41,000
Yamaguchi	50	6,198	18,000	15,000	16,000
Mifuku	180	90,000	90,000	90,000	90,000
Kanda	50	13,100	13,820	15,220	15,410
Hebu	85	63,960	95,000	95,000	100,000
Biho	50	4,000	6,000	8,000	8,000
Hagimine		83	200	300	30
Takiguchi	110	22,869	24,000	28,000	28,000
Nagato-muen	60	27,110	35,000	37,500	28,700
Ochira		-	5,678	5,703	5,720
Shiraiwa	50	2,231	2,500	2,500	2,600
Okibe	60	13,500	18,000	23,000	23,000
2-Shimmiseme	50	7,129	73,500	108,000	108,000
Choyo	110	9,730	10,100	12,500	12,700
Shoshin	120	35,325	47,800	72,710	124,300
Shohin	500	-	300,000	300,000	300,000
Ebisu	250	-	25,000	125,000	150,000
Higashiube	120	-	13,500	29,800	43,300
Tokiwa	360	-	57,600	172,800	235,400
		743,606	1,313,598	1,635,833	1,764,900
Total		18,887,762	22,313,148	23,895,093	24,562,420

1947						1 9 4
Apr.--Jun.	Jul.--Sep.	Oct.--Dec.	Total	Jan.--Mar.	Apr.--Jun.	Jul.--
KWH	KWH	KWH	KWH	KWH	KWH	
185,000	198,000	186,000	746,900	185,000	199,000	200
27,400	28,800	30,000	109,512	29,000	34,500	35
21,500	19,000	16,5000	78,000	26,000	16,500	25
175,000	175,000	170,000	685,900	170,000	175,000	175
30,000	29,000	30,000	116,000	33,000	34,000	33
39,000	45,000	41,000	158,259	43,000	45,000	48
18,000	15,000	16,000	55,198	16,000	20,000	17
90,000	90,000	90,000	360,000	96,000	96,000	96
13,820	15,220	15,410	57,550	15,450	16,200	16
95,000	95,000	100,000	353,960	120,000	180,000	150
6,000	8,000	8,000	26,000	12,000	15,000	15
200	300	300	883	400	400	
24,000	28,000	28,000	102,869	30,000	30,000	38
35,000	37,500	28,700	128,310	34,000	42,500	51
5,678	5,703	5,727	17,108	5,776	9,702	
2,500	2,500	2,600	9,831	3,000	3,000	
18,000	23,000	23,000	77,500	24,000	26,000	26
73,500	108,000	108,000	296,629	120,000	120,000	13
10,100	12,500	12,700	45,030	13,000	13,400	
47,800	72,710	124,330	280,165	124,800	129,500	13
300,000	300,000	300,000	900,000	320,000	320,000	32
25,000	125,000	150,000	300,000	150,000	150,000	15
13,500	29,800	43,300	86,60	56,800	60,000	6
57,600	172,800	235,400	465,800	280,800	280,800	28
1,313,598	1,635,833	1,764,967	5,458,00	1,908,026	2,016,502	2,02
22,313,148	23,895,093	24,562,427	89,658,43	25,504,666	26,714,302	27,84

DECLASSIFIED E.O. 12065 SECTION 3 (b), NARS Date 4-1-82

1948

al	Jan.--Mar.	Apr.--Jun.	Jul.--Sep.	Oct.--Dec.	Total
	KWH	KWH	KWH	KWH	KWH
900	185,000	199,000	200,000	198,000	782,000
512	29,000	34,500	35,300	36,300	135,100
000	26,000	16,500	25,000	30,000	97,500
900	170,000	175,000	175,000	175,000	695,000
000	33,000	34,000	33,000	33,000	133,000
259	43,000	45,000	48,000	45,000	181,000
198	16,000	20,000	17,000	18,000	71,000
000	96,000	96,000	96,000	96,000	384,000
550	15,450	16,200	16,500	16,750	64,900
960	120,000	180,000	150,000	150,000	600,000
000	12,000	15,000	15,000	20,000	62,000
883	400	400	400	400	1,600
869	30,000	30,000	32,000	32,000	124,000
310	34,000	42,500	51,000	48,000	175,500
108	5,776	9,702	9,752	9,800	35,030
831	3,000	3,000	3,000	3,000	12,000
500	24,000	26,000	26,000	25,000	101,000
629	120,000	120,000	130,000	150,000	520,000
030	13,000	13,400	14,000	15,400	55,800
165	124,800	129,500	134,000	137,000	525,300
000	320,000	320,000	320,000	320,000	1,280,000
000	150,000	150,000	150,000	150,000	600,000
600	56,800	60,000	60,000	60,000	236,800
800	280,800	280,800	280,800	280,800	1,123,200
800	1,908,026	2,016,502	2,021,752	2,049,450	7,995,730
438	25,504,666	26,714,302	27,843,852	27,750,450	107,813,270

Attached sheet No. 3

THE NAME OF ELECTRIC DEMAND FACTRIES

Kind of Industry	Name of Factory	Contracted Electric Power KW	Remark
Ammonium Sulphate	Ube kosan (nitrogen)	13,000	Private Power 3,000 - 9,000 KW
"	Toyo Koatsu (Hikoshima)	4,200	
"	San'ye Kagaku (Ube)	2,500	
Texile	Teikoku Jinken (Iwakuni)	2,500	
"	Toyo boseki (Iwakuni)	1,500	
"	Nihon shigyo (Iwakuni)	620	
"	Giseido	300	
Cement	Ube Kosan (Cement)	2,350	Private Power 2,000 - 3,000 KW
"	Onoda Semento (Onoda)	3,000	
"	Tokuyama Soda	1,700	

Attached sheet NO. 4

OUTLINE OF ELECTRIC POWERS USED BY 4 REPRESENTATIVE

COAL MINES IN THE WESTERN COAL MINING DISTRICT

Date	Okinoyama Coal Mine KWH	Higashi-Misome Coal Mine KWH	San'yo Muen Coal Mine KWH	Oki Ube Coal Mine KWH
1947 Mar. 1	38,300	51,813	53,700	8,540
2	23,800	41,268	39,100	7,230 △
3	36,500	53,550	54,500	8,590
4	38,500	50,358	53,400	8,650
5	38,300	54,140	53,000	8,540
6	38,100	51,267	53,800	8,510
7	38,500	49,813	53,300	8,970
8	38,300	49,985	53,400	8,770
9	24,500	38,905	39,900	7,280 △
10	36,700	50,177	51,200	8,710
11	38,100	49,813	52,600	8,340
12	37,300	49,086	50,100	8,310
Workingday Average	37,860	51,000	52,900	8,593

Date 1947	Okinoyama Coal Mine KWH	Higashi-Misome Coal Mine KWH	San'yo Muen Coal Mine KWH	Oki Ube Coal Mine KWH
Mar. 1	38,300	51,813	53,700	8,540
2	23,800	41,268	39,100	7,230
3	36,500	53,550	54,500	8,590
4	38,500	50,358	53,400	8,650
5	38,300	54,140	53,000	8,540
6	38,100	51,267	53,800	8,510
7	38,500	49,813	53,300	8,970
8	38,300	49,985	53,400	8,770
9	24,500	38,905	39,900	7,280
10	36,700	50,177	51,200	8,710
11	38,100	49,813	52,600	8,340
12	37,300	49,086	50,100	8,310
Workingday Average	37,860	51,000	52,900	8,593
Holiday Average	24,150	40,086	39,500	7,245
Amount required for Prod.	13,710	10,914	13,400	1,348
% of Prod. use on Ave. day's use	36 %	21 %	25 %	15 %

Attached sheet NO. 5

REQUIRED ELECTRIC POWER PER TON OF COAL
FROM 1 st TO 12 th OF MARCH 1947

Date		Okineyama Coal mine	Higashi-Miseme Coal Mine	San'yo Muen Coal Mine	Oki Ube Coal Mine
1947		KWH	KWH	KWH	KWH
Mar.	1	32.40	70.98	145.14	23.99
	2		Holiday		
	3	32.50	82.38	118.73	23.34
	4	26.60	62.95	119.51	21.06
	5	27.90	79.62	122.40	19.12
	6	29.10	60.31	117.21	17.91
	7	31.90	57.26	117.14	18.16
	8	30.80	58.81	113.62	20.83
	9		Holiday		
	10	33.30	59.73	105.56	20.64
	11	31.90	48.36	101.35	17.97
	12	32.60	47.20	104.81	18.38

Attached sheet NO. 6

LIST SHOWING PERCENTAGE OF DECREASE IN PRODUCTION
OF COAL IN LIMITATION IN USE OF ELECTRIC POWERS .

1. Restriction in use of Electricity 5 % .

Month	Okinoyama Coal Mine %	Higashi-Misome Coal Mine %	San'ye Muen Coal Mine %	Oki Ube Coal Mine %
1947 Apr.	15	30	21	20
May	15	30	22	20
Jun.	20	30	25	25
Jul.	15	25	22	20
Aug.	15	30	28	20
Sep.	15	30	20	20
Oct.	15	30	20	20
Nov.	15	30	18	20
Dec.	15	30	18	20
1948 Jan.	15	30	18	20
Feb.	15	30	16	15
Mar.	15	30	16	15

2. Restriction in use of Electricity 10 % .

1947

Jul.	15	25	22	20
Aug.	15	30	28	20
Sep.	15	30	20	20
Oct.	15	30	20	20
Nov.	15	30	18	20
Dec.	15	30	18	20
1948 Jan.	15	30	18	20
Feb.	15	30	16	15
Mar.	15	30	16	15

2. Restriction in use of Electricity 10 %.

1947 Apr.	30	60	40	40
May	30	60	40	40
Jun.	30	70	50	50
Jul.	30	70	45	45
Aug.	30	70	55	45
Sep.	30	70	40	40
Oct.	30	70	40	40
Nov.	30	70	38	40
Dec.	30	70	38	40
1948 Jan.	30	70	38	40
Feb.	30	70	35	35
Mar.	30	70	35	35

Attached sheet NO. 7

DETAILS OF ELECTRIC POWER CONSUMED BY UBE CHISSO FACTORY

Year	Month	Total Power KWH	Private Power KWH	Purchased Power KWH
1946	Jan.	3,896,680	-	3,896,680
	Feb.	4,113,150	208,460	3,904,690
	Mar.	6,681,130	1,673,400	5,007,730
	Apr.	6,683,900	1,959,400	4,923,500
	May	7,393,370	1,930,400	5,462,970
	Jun.	7,532,640	2,188,380	5,344,260
	Jul.	7,887,220	3,006,800	4,880,420
	Aug.	8,794,400	3,518,800	5,275,600
	Sep.	8,205,400	3,097,990	5,107,410
	Oct.	9,121,830	3,460,290	5,661,540
	Nov.	8,285,420	5,252,500	3,032,920
	Dec.	7,655,240	4,059,280	3,595,960
1947	Jan.	6,762,680	1,880,700	4,881,980
	Feb.	7,568,080	1,773,660	5,794,420
	Mar.	10,210,000	1,750,000	8,460,000
Total		110,990,140	35,760,060	75,230,080

Attached sheet NO. 7a

THE REQUIRED AMOUNT OF POWER IN EACH MONTH FROM APRIL, 1947 TO MARCH, 1948 FOR THE UBE NITROGEN FACTORY.

Year & Month	Total Power		Purchased Power		Private Power	
	KW	KWH	KW	KWH	KW	KWH
1947 Apr.	16,000	10,896,000	13,000	9,360,000	3,000	1,536,000
May	〃	11,904,000	〃	9,672,000	〃	2,232,000
Jun.	18,000	12,720,000	〃	9,360,000	5,000	3,360,000
Jul.	〃	12,912,000	〃	9,672,000	〃	3,240,000
Aug.	〃	11,184,000	〃	9,672,000	〃	1,512,000
Sep.	〃	12,480,000	〃	9,360,000	〃	3,120,000
Oct.	〃	13,392,000	〃	9,672,000	〃	3,720,000
Nov.	20,000	13,920,000	〃	9,360,000	7,000	4,560,000
Dec.	〃	14,880,000	12,000	8,928,000	8,000	5,952,000
1948 Jan.	〃	14,880,000	〃	8,928,000	〃	5,952,000
Feb.	〃	13,920,000	11,000	7,656,000	9,000	6,264,000
Mar.	〃	14,880,000	13,000	9,672,000	7,000	5,208,000
Total		157,968,000		111,312,000		46,656,000

Remark : -

Kilowatt shows the maximum value in the month.

Attached sheet NO.8

NUMBER OF ELECTRICAL TROUBLES AND DECREASE IN PRODUCTION OF AMMONIUM SULPHATE IN THE YEAR, 1946,

UBE CHISSO FACTORY

Month	Electric Stops	Decrease in Voltage	Decrease in Cycle	Total	Decrease in Production
Jan.	3 times	13 times		16 times	383 tons
Feb.		7 times		7 times	71 tons
Mar.		3 times		3 times	70 tons
Apr.	3 times	11 times		14 times	236 tons
May	1 time	5 times		6 times	155 tons
Jun.	8 times	2 times		10 times	1,116 tons
Jul.	5 times	5 times		10 times	1,691 tons
Aug.	3 times	5 times	1 time	9 times	184 tons
Sep.	1 time	2 times	29 times	32 times	319 tons
Oct.			3 times	3 times	42 tons
Nov.		1 time	1 time	2 times	21 tons
Dec.		3 times		3 times	57 tons
Total	24 times	57 times	34 times	115 times	4,345 tons

Remark : -

Decrease in production in november is not including 3,155 tons of decrease due to the restriction of purchased power in november.

Attached sheet NO. 8a

NUMBER OF ELECTRICAL TROUBLES AND DECREASE
IN PRODUCTION OF AMMONIUM SULPHATE.

UBE CHISSO FACTORY

Date	Electric Stops	Decrease in Voltage	Decrease in Cycle	Total	Decrease in Production tons
Jan. 9		1 time		1 time	11.800
11		1 time		1 time	3.700
Feb. 1		1 time		1 time	11.228
3			1 time	1 time	12.165
4			2 times	2 times	71.469
5			2 times	2 times	73.862
6					33.100
9	1 time		1 time	2 times	11.660
10			1 time	1 time	2.990
11	1 time			1 time	9.180
12			1 time	1 time	14.800
13			1 time	1 time	23.490
14	1 time			1 time	4.625
20	1 time			1 time	28.770
21	1 time			1 time	30.070

	3		1 time	1 time	12.165
	4		2 times	2 times	71.469
	5		2 times	2 times	73.862
	6				33.100
	9	1 time	1 time	2 times	11.660
	10		1 time	1 time	2.990
	11	1 time		1 time	9.180
	12		1 time	1 time	14.800
	13		1 time	1 time	23.490
	14	1 time		1 time	4.625
	20	1 time		1 time	28.770
	21	1 time		1 time	30.070
	22		1 time	1 time	5.360
Mar.	16	1 time	1 time	2 times	91.000
	17	1 time	1 time	2 times	124.600
	18	1 time		1 time	82.000
	20		1 time	1 time	3.450
	22		1 time	1 time	56.000
	25		1 time	1 time	33.100
	27		1 time	1 time	53.580
	28				14.250
	29		1 time	1 time	14.800

Attached sheet NO. 8b

Date	Electric Stops	Decrease in Voltage	Decrease in Cycle	Total	Decrease in Production tons
Apr. 1	1 time			1 time	27.900
6		1 time		1 time	4.000
7		2 times		2 times	5.000
8	1 time			1 time	59.400
9		1 time		1 time	28.000
10		1 time		1 time	3.000
13		1 time		1 time	3.000
14		2 times		2 times	4.000
15		2 times		2 times	83.000
16		3 times		3 times	28.6000
17		1 time	2 times	3 times	10.500
20		1 time		1 time	46.200
23		4 times		4 times	68.000

DECLASSIFIED E.O. 11652 SECTION 3 (E)(2), NARS DATE

111.06

file Onoda

FTJ/dn

HEADQUARTERS
YAMAGUCHI MILITARY GOVERNMENT TEAM
YAMAGUCHI, HONSHU, JAPAN
APO 317

Yamaguchi, Honshu
15 November 1946

45-12
III

TO: Economic & Scientific Section, GHQ

Attn: Mr. Pierce
Electric Power Section

1. At the request of the Onoda Power Plant, this office recommended that said plant be removed from the reparation list.

2. The critical power shortage in the Chugoku Region cannot be overemphasized.

3. Any further reductions in power supply in this area will have extremely serious effects.

FRANCIS T. JUSTICE
Major, CE
Executive Officer

DECLASSIFIED E.O. 12065 SECTION 3 (b)(1) NND 963

SECTION IV. A.

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

DECLASSIFIED - Per Proj. Sheet 1-102, Nara Date 1-30-79

SECTION IV-B.

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

SECTION IV-C

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

SECTION V.

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
13 Jan. 1950	Inspection Report - Mr. Robert P. Lord	CCAR
3 April 1950	Inspection of Reparations Plant at 45-12, Onoda Power Plant	C.C. A.R.
6 Sept. 50	Inspection of Onoda Power Plant 45-12	C.C.A.R.
23 Jan. 51	Reparations Inspection, Surveillance of Shipyards, Oil Storage Facilities and Explosive Plants in Compliance with C.D. 11.	C.C.A.R.

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
ECONOMICS SECTION

D/WFA/ftk

CCAR 319.1

23 January 1951

SUBJECT: Report of Filed Trip, Shimonoseki, Asa, Onoda, Ube, Yamaguchi, Tokuyama and Iwakuni, 16 - 20 January 1951

TO : Chief
Economics Section

PREPARED BY: W. F. Armstrong, Distribution and Industry Division

E X T R A C T

1. REFERENCE:

C.D. 11.

2. PURPOSE:

Reparations Inspection, Surveillance of Shipyards, Oil Storage Facilities and Explosive Plants in compliance with C.D. 11.

3. BACKGROUND:

Routine.

4. DISCUSSION:

Reparations:

(45-12) Onoda Power Plant - Operating capacity (30,000 KW). This plant is expanding and intends to double their out-put by April 1951. One 100 ton boiler and water wash ash system are being installed. Custody and maintenance satisfactory.

5. CONCLUSIONS:

a. Custody and maintenance of reparations equipment very satisfactory.

6. RECOMMENDATIONS:

None.

W.F.A.

W. F. ARMSTRONG
Distribution and Industry Division

45-12
Sec V

DECLASSIFIED - E.O. 12958, Sec. 3.5; NSC Memo, 11/24/98

FIELD TRIP REPORT

R. P. LORD

6 September 1950

1. Purpose:

Inspection of Onoda Power Plant (Code No. 45-12) Onoda-shi, Yamaguchi Prefecture.

2. Background:

Surveillance of reparations custody and maintenance in accordance with paragraph 3b O.D. 11, 10 April 1950.

3. Discussion:

With SCAP approval this thermal plant is installing new major equipment. Equipment installed with this approval is as follows:

Item	Installed	Capacity
Turbine	April 1950	30,000 KW
Boiler No. 3	August 1950	Evaporation of 90 tons per hour

One (1) item to be installed boiler No. 4 is still under construction at Nagasaki, Kyushu. Estimated date of completion is March 1951.

This plant operated the following number of days during the last three month period.

Month	Days Operated
June	27
July	28
August	27

MANUFACTURING AND INDUSTRY FILE 45-12 Doc. 1

An average of three (3) days each month was spent in maintenance work of operating equipment.

Coal stockpiles as of 29 August 1950 amounted to 11,700 ton. Average daily consumption is 500 ton. No difficulty keeping adequate coal stockpiles.

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4. Conclusion:

This plant after final installation of new equipment is completed will be able to burn cheaper Ube Coal in the boilers thus reducing present operating expenses.

Reparations equipment found in good condition.

5. Recommendations:

None.

R. P. LORD
Distribution & Industry Division

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FIELD TRIP REPORT

R.G. STRADLEY

3 April 1950
Onoda

1. Purpose:

Inspection of Reparations Plant at 45-12, Onoda Power Plant.

2. Background:

Surveillance in accordance with O.D. 51.

3. Discussion:

a. Mr. Fujita, Chief of this thermal power plant stated that a large scale overhauling is going on for a periodical inspection. The inspection will take only a day but the overhauling prior to it will require about sixty days as it involves dismembering of one generator and other big repairs.

b. Under the authority given by the letter 609.1 (19 September 1949) ESS/UF, GHQ, SCAP dated 19 September 1949 "Application for Permission to construct or Expand steam and Hydroelectric Plants", the plant is in the process of enlarging the major equipments as follows:

Name	Work required	Estimated Date of Completion	Remark
Turbin	Installation	April 1950	30,000 KW
No. 3 Boiler	Installation	August 1950	90 tons per hour (Evaporation)
No. 4 Boiler	Under construction at Nagasaki, Installation.	March 1951	100 ton

Note: Estimated capacity after completion, 60,000 KW.

c. No. of days operated during January, February and March 1950.

Month	No. of days operated
January 1950	24 days
February 1950	28
March 1950	0 (Due to periodical inspection)
Total	52 days

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d. Coal

Stockpile of coal as of 2 April 1950, 19,200 tons
type, Ube coal (3,600 - 3,800 calory)
Anthracite from Omine coal Mine, Yamaguchi Prefecture, (4,200 - 4,400 calory)

Average Calory : 4,000 Calory
Prevailing prices of coal, per ton
Ube coal ¥1,500
Anthracite ¥1,700 - ¥2,500
Availability of coal, not difficult.

e. Cost of Production.

Per kilowatt Hour at the switch board, ¥5 - ¥7, (Operating intermittently) with the present facilities and equipment it is difficult to reduce the above production cost less than ¥3 even if the plant is Operated constantly.

f. Estimated benefits accruing to the constant Operation;

(1) The life of boilers will become longer.

(2) No more consumption of coal is necessary to start with - it can economize on the coal.

(3) The employees can work under the same condition and do away with unnecessary irregular work.

(4) It will avoid the frequent explosion arising from the mixture of anthracite and low grade Ube Coal.

(5) In conclusion, it can reduce the cost of production.

g. Employees.

Total Number.	Regular staffs and workers.	336
	Casual workers,	60
Total		396

Payment during non-operating period, same as in the operating period with the exception of reduction in operating, allowance.

DECLASSIFIED - Not Restricted, Per [illegible]

h. Voltage.

Generated at 11,000 V
Transmitted by stepping up to 115,000 V

NOTE: 60 cycles.

i. Number of Pulverizing mill, 8
(with 23 tons of 60 mm iron balls in each mill)

Details are in the file.

4. Conclusion:

Reparations equipment and facilities are in good operable condition.

It is significant to note that the Onoda Thermo Power Plant ranks first in generating the cheapest electric power in Yamaguchi Prefecture and ranks far above other thermo plants in Chugoku Region with respect to the low cost of production. After the completion of the present expansion program the plant will be the foremost electric power generating plant in Chugoku Region much to be relied upon for the rehabilitation of economy in the region.

5. Recommendation:

None.

RSS
R.G. STRADLEY

INSPECTION REPORT

13 January 1950

1. Purpose:

Inspection of Onoda Power Plant 45-12

2. Background:

Surveillance in accordance with OD 51, 27 Sept 49.

45-12
T

3. Discussion:

This thermal plant when in operation distributes 25,000 KW of electricity daily. Plant is in the process of enlarging by building an addition to one of the buildings to install two boilers, one turbine, and one transformer of 30,000 K W capacity.

4. Conclusion:

Equipment inspected and found in very good condition.

5. Recommendations:

None.

Robert P Lord, DAC
Economics Section
Chugoku Civil Affairs Region

SECTION VI-A

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS

DECLASSIFIED E.O. 12065 SECTION 3 NND 760050 By NARS Date 12/22/76

DATE	SUBJECT	[illegible]

DECLASSIFIED E.O. 11652 SECTION 3 and/or 5(C) NND [redacted]

[redacted]	[redacted]	[redacted]
3 June 1948	Petition for release of machinery which belonged to former Air Arsenal.	Yamuguchi Brakes HFB

52C
Misc

YAMAGUCHI LOCAL SECTION
OF
HIROSHIMA FINANCE BUREAU

3, June, 1948

TO: Major Wiggins,
YAMAGUCHI MILITATY GOVERNMENT TEAM

Subject: Petition for release of machinery which belonged to former Japanese Army Aircraft Arsenal.

45-12
IIC

Sir:

I have the honor to request respectfully that the machinery are released to Japanese Government by Military Government Team, as I have found that the machinery of attached sheet which are custoding at Ozuki Costody Factory of Nippon Hassoden Co. Ltd. had belonged to Hofu Branch of Former Tachiarai Aircraft Arsenal.

3 June Offered to CO in ref 1948 Tokyo A.F. Few

Ichiro Tsubamoto
(ICHIRO, TSUBAMOTO)
Chief of Yamaguchi Local
Section of Hiroshima
Finance Bureau

LIST OF MACHINES

Present Location :
Ozuki Casting Factory of Nippon Hassoden Co. Ltd.
Yoshida Distriot--Village Asa District Yamaguchi pref.

Caried Date :19, Aug. ,1945,

Namo of Machine	Condition of Machine	Number	Remerks
½ton Air Hammer	Class 3, 50%	1	Use
Engine Lathe (4')	Class 3, 50%	1	Use
Metal Cutting Machine	" 3, 50%	1	Use
Oil Separator	" 3, 50%	1	Use
Press	Scrap , 80%	2	no Use
Oil Press	" "	1	"
Hand Shearing Machine	" "	1	"
Bending Machine	" "	1	"
Surface Plate	Class 3, 50%	1	Use
" "	Scrap, 70%	1	no Use
Moving Oxgen Manufacturing Machine	Scpap,	1	no Use

Total 13

Noto : These Machines Had been Paied money(¥4,640) to Ex-Japanese Millitary Goverament (Major Hashimoto) from Ozuki Casting Factory of Nippon Hassoden Co. Ltd.

(That day is 25.Nov. 1945)

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SECTION VII

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS