

C O P Y

In Operation	:	4
Idle	:	4
Under Repair	:	2
<u>Total</u>		<u>10</u>

h. Change of recording paper:

202 Meter Chart,	Everyday
202 Pyro Meter,	Weekly

i. Transmission voltage

At the distribution panel, Saka, 55,000 V.  
At substations in Hiroshima and Kure, 110,000 V.

## j. Persons Responsible for determining the policies of generation and distribution of power.

As for daily routine operation Mr. Matsumoto, ~~in charge of~~ Hiroshima Dispatcher, gives necessary instructions to the plant.

With regard to the major policies the central Nippatsu Office in Tokyo will discuss the matter in conjunction with the Ministry of International Trade and Industry and will give instructions to the Chugoku Branch of Nippatsu which in turn consult with Hiroshima Bureau of MITI, Hiroshima Dispatcher and Chugoku Haiden prior to giving any instructions to the Saka Plant.

## k. Cost of Production per KWH at the distribution panel. - ¥7.00.

Note: Assuming the unit price of coal is ¥ 4000 per ton.

Mr. Yoshino stated that ~~of ¥7.00,~~ cost of coal involved is <sup>and</sup> ¥4.80, the plant ranks third place among 10 power generation plants in Chugoku Region with ¥7.00 per KWH production cost. Other privately owned generation plants are producing at much higher per KWH unit cost through their home generation.

The plant was removed from Nagoya to the present location during the war in its entirety - equipment and facilities, and they are already 20 years old.

In order to reduce the cost of production the plant will have to repair and improve the boilers and reduce the quantity of coal consumed.



4. Conclusion:

Supply of coal does not constitute any difficulty at the moment.

One boiler that is under repair will be completed by the end of February 1950 and the other one by 10 March 1950.

5. Recommendation:

Mr. Yoshino was advised to try to reduce the cost of production to below ten yen per KWH including the transmission charge in view of its grave effect on the local industry.



SUBJECT: Inspection of Reparations Plants in Hiroshima Prefecture  
6-7-9-12-13-14 December 1949

The Saka Electric Power Plant of Nippon Hassoden was visited on 6 December. This plant was not inventoried as it is not included on list in SCAPIN 1489, dated 27 January 1947. Plant seems to be run in an orderly and efficient manner.

Toyo Kogyo Kabushiki, 11-28. Plant inspected on 6 December. 176 machines in authorized use were checked and found to be well maintained. Entire plant was in excellent condition. This company now manufacturing three-wheel motorcycle trucks. Production is 800 monthly with ready market. Some export orders for India were being filled at time of inspection. Company officials displayed cooperative attitude throughout inspection.

Japan Steel Works, 11-14. Inspected on 7 December. 360 machines listed on Inventory Data Sheet as being in authorized use after evaluation are only temporary use items. None of these items were located on first day of inspection "because person in charge of these items was absent." Authorized use machinery was inspected and found in poor condition. Rust appeared on several machines in addition to most machinery being poorly marked. Two machines 11-5(71)-17 and 11-14-421 were found in use although there was no authority on record for their temporary or authorized use. Explanation was given that machines were needed so therefor they were placed in use. Motor 11-14-2825 was attached to authorized use machine 11-14-146. The motor originally attached to this machine was said to be under repair. Motor finally located lying on dirt floor, no effort made to repair. Two unidentifiable motors attached to 11-14-1766U. Motor formerly attached to this machine were located lying in corner of warehouse. No explanation given.

On 9 December plant officials were "prepared" to show me the 360 items added on evaluation and listed on their Inventory Data Sheet by code numbers which I had in my possession for "checking purposes. Machines shown me (approximately 50) evidently had code numbers painted on after my first visit as paint was still wet on them. The "man in charge" was never seen and all items seen were located in warehouses previously visited on 7 December. Compressor marked 11-14-3044 found to be 11-14-3024. Motor attached to 11-14-1309U had code number 11-14-2739 marked on. Motor was covered on front with machine oil. After wiping off the oil, code number 11-14-1309 appeared very prominently. Checking serial number of machine showed code number to be 11-14-1309. This was another effort on their part to cover up for items which they did not locate or properly code. Dead storage equipment also found in poor condition. Warehouses where machinery is stored are in need of repairs. Overall impression of plant is bad. Custodian is guilty of negligence and cover up tactics.

Shinko Godo inspected on 12 December. Four (4) machines are in temporary use here. The machines were dispersed from Toyo Seikan. All are in good condition. Code numbers are: 11-15-108, 111, 113, 114.

Toyo Seikan 11-15, inspected on 12 December. Dead storage area contains 124 machines. 31 machines from this location are in temporary use at Toyo Kikai by permission of HMGT letter dtd 6 December 1948. These 31 machines inspected and no discrepancies noted. All dead storage equipment is in excellent condition.



Asahi Sangyo 11-10, 11-5(73). Inspected on 12 December. 94 items were listed as being in authorized use. This figure should be 84 as ten machines listed as AU are in error. Machine numbers 11-5(73)-50, 11-5(73)-41 temporary use and 11-10-100, 11-10-113, 11-10-109, 11-10-116, 11-10-134, 11-10-137 authorized use were found in poor shape. 11-10-192U part of jib crane is lying outside building. Custodian says this cannot be used and should be scrapped. Motor marked "EX" found to be 11-10-138 authorized use machine. Marking of machinery is very poor as is maintenance. Custodian very sorry plant appeared in such condition.

Shinko Gomu 11-5(91) inspected on 13 December. Nine (9) machines are in authorized use by letter of HMGT. Five (5) machines are in temporary use. Application was sent to HMGT in February 1948 asking authorized use of temporary use machinery. No answer was received. Machinery inspected and found in good condition.

Kurashiki Cotton Spinning Works 11-2. Dead storage area inspected on 13 December. 272 machines checked and found to be well stored and maintained in four warehouses.

Hagoromo Works 11-12. Inspected on 14 December. Dead storage area containing 78 machines. All machinery checked and found in good condition.

Hiroshima Machine Tool Works 11-17  
Mitsubishi Heavy Industries

Inspected on 14 December. All machinery in use and storage inspected and found in excellent condition. Stored machinery is well housed.

ROBERT P. LORD, DAC  
Economics Section  
CCAR



## REPORT ON INSPECTION

HIROSHIMA CIVIL AFFAIRS TEAM

DATE: 23 August 1949SECTION MAKING INSPECTION: Economics DATE OF INSPECTION: 22 August 1949OFFICER OR E.M. MAKING INSPECTION: W.O. Bowder and N. NishidaINSTALLATIONS INSPECTED: Saka Steam Power Plant (Code No. 11-20)LOCATION: 3293, Saka-mura, Aki-gun, Hiroshima Prefecture (B-12)TIME SPENT IN INSPECTION: 3 hours.INSPECTION COVERED THE FOLLOWING: Trial running of No.1 Turbo-Generator.REMARKS: The rotor of No.1 Generator (12,500 K.W. capacity) in this plant was repaired at HIDAGHI FACTORY due to bad insulation. Repair has finished and Generator brought into this plant on 5th this month.Assembly of No.1 Turbo-Generator was finished on 21 August 1949.The trial running was begun at 9 o'clock on 22 August 1949 as follows:(Time) 9.00 - 10.30 - No load running - good.10.00 - 12.00 - Full load running - Good.Full power - 12,500 K.W.R.P.M. - 3,600Generator was very good condition. It will be used as usual from23 August 1949.(Appx):- Cost of repair: ¥ 6,970,000

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## REPORT ON INSPECTION

HIROSHIMA CIVIL AFFAIRS TEAM

DATE: 8 August 1949SECTION MAKING INSPECTION: Economics DATE OF INSPECTION: 5 August 1949OFFICER OR E.M. MAKING INSPECTION: W.O. Sowder, N. NishidaINSTALLATIONS INSPECTED: Saka Steam Power Plant(Code No. 11-20)LOCATION: 3293, Saka-mura, Aki-gun, Hiroshima-ken (B-12)TIME SPENT IN INSPECTION: 2 hoursINSPECTION COVERED THE FOLLOWING: Custody and maintenance of reparation Machinery.REMARKS: 1. No. of reparation machines:Total No. 91. (Cl.I - 74, Cl.II - 15, Cl.III - 2)A.U. 912. Date of the latest overhaul and adjustment of reparation machinery:1 May 19493. No. of gates: 3. No. of guards: 18. (Shift of 8 hours 18/3 each)4. Fire service arrangements:Water tank - 1 (4,500 t capacity)Gasoline pump - 1Hand pump - 1Hydrant - 27Fire extinguisher - 86Buckets and sand boxes.5. Employees:Total - 469 (including 43 females) End of July 1949.6. % of attendance:100% (Apr, May, June and July 1949)7. Average age: 32.0 yearsOldest age: 63Youngest age: 18



Average wages: ¥ 8,791  
 Maximum wages: ¥21,435  
 Minimum wages: ¥ 3,658

## (Notes):-

(1) New sign on entry to this plant has been posted.

(2) Power arrangements:

Babcock and wilcock boiler - 10 sets.

Turbo Generator - 7 sets.

Out put power

26,200 K.W.H. x 1 = 26,200 K.W.H.

12,500 K.W.H. x 2 = 25,000 K.W.H.

7,000 K.W.H. x 3 = 21,000 K.W.H.

TOTAL 72,200 K.W.H.

(At present power permitted 64,200 K.W.H.)

Self use only, else.

1,550 K.W.H. x 1 = 1,550 K.W.H.

(3) President : ZENZO SUCHI

Custodian : (Ditto)

Technician : KENJI IMOTO (Power)

TAKED MITO (Engine)

HANJI KATO (Machine)



REPORT ON INSPECTION

HIROSHIMA MILITARY GOVERNMENT TEAM

DATE: 2 JUNE 1949SECTION MAKING INSPECTION: Econ. DATE OF INSPECTION: 26 MAY 1949OFFICER OR E.M. MAKING INSPECTION: Capt. Dugger, N. NishidaINSTALLATIONS INSPECTED: Saka Steam Power Plant.  
(Code No. 11-20)LOCATION: 3293, Saka-Mura, Aki-Gun (B-12)TIME SPENT IN INSPECTION: 2 hoursINSPECTION COVERED THE FOLLOWING: Custody and Maintenance  
of Reparation Machinery.REMARKS: 1. No. of Reparation Machines:Total No. 91 (CLI 74, CLI 15, CLI 2)A.V. 912. Date of the latest overhaul and adjustment  
of Reparation Machinery: 1 Mar. 19493. No. of gates: 3No. of guards: 18 (Shift of 8 hours each  $\frac{18}{3}$ )4. Fire service arrangements:Gasoline pump - 1 (Hose 20<sup>m</sup> x 16)Hand pump - 1 (Hose 10<sup>m</sup> x 6)Water tank - 1 (Capacity 4,500<sup>T</sup>)5. Employees:Total - 468 (26 May 49)(including 43 females)% of attendance - 100% (Apr. 49)6. Custody and Maintenance of Reparation  
(cont'd.)



REPORT ON INSPECTION

HIROSHIMA MILITARY GOVERNMENT TEAM

DATE: \_\_\_\_\_

SECTION MAKING INSPECTION: \_\_\_\_\_

DATE OF INSPECTION: \_\_\_\_\_

OFFICER OR E.M. MAKING INSPECTION: \_\_\_\_\_

INSTALLATIONS INSPECTED: \_\_\_\_\_

LOCATION: \_\_\_\_\_

TIME SPENT IN INSPECTION: \_\_\_\_\_

INSPECTION COVERED THE FOLLOWING: \_\_\_\_\_

(Cont'd)

REMARKS:

*Machinery was very satisfactory.*

(Appx)

(1) Power arrangements:

*Babcock & Wilcox Boiler - 10 sets**Turbo-generator - 7 sets**Output power -**26,200<sup>k.w.</sup> x 1 = 26,200<sup>k.w.</sup>**12,500<sup>k.w.</sup> x 2 = 25,000<sup>k.w.</sup>**7,000<sup>k.w.</sup> x 3 = 21,000<sup>k.w.</sup>**Total 72,200<sup>k.w.</sup>**At present, permitted power 64,200<sup>k.w.</sup>**other, self-use only 1,550<sup>k.w.</sup> x 1 = 1,550<sup>k.w.</sup>*

(2) President: ZENZŌ SUCHI

Custodian: (Pitto)

Technician: TSUTOMU TAKAMATSU (Power)

TAKEO MITO (Engine)



REPORT ON INSPECTION

HIROSHIMA MILITARY GOVERNMENT TEAM

DATE: 10 Mar. 1949SECTION MAKING INSPECTION: Economics DATE OF INSPECTION: 7 Mar. 1949OFFICER OR E.M. MAKING INSPECTION: Capt. Dugger, N. MishidaINSTALLATIONS INSPECTED: Saka Steam Power Plant.LOCATION: 3293 Saka-mura, Aki-GunTIME SPENT IN INSPECTION: 2 1/2 hoursINSPECTION COVERED THE FOLLOWING: Reparation MachineryREMARKS: 1. Total number of machines:91 (DI 74, DT 15, DT 2)A.T. 912. Custody and Maintenance of  
Reparation machinery was in  
fair condition.















