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Description of contents

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(2) Folder title/number: (37)
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(3) Date: Jan. 1949 - ?

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Classification	Type of record
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(5) Item description and comment:

- i) Kinki
- ii) Includes Contents Lists

(6) Reproduction: Yes No

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(Compiled by National Diet Library)

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675 LIGHTING AND POWER

NO. DATE SUBJECT

1. Water Power Generation Project in Kinki District

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*To file
1/20/49
1/20/49
1/20/49*

Water Power Generation Project in Kinki District

PREFACE

Section 1 General plan and description of pending plant:

Shinjo Project

Section 2 Project of power development on the River Seta:

Sotohata & Snizugawa No. 2 project

Section 3 Project of power development on the River Kumano:

Otoshi, Oza, Kitayamagawa No. 1, No. 2 & No. 3

projects (along main tributary, Kitayama River)

Ohara, Shikabuchi & Mukuro project

This project is under investigation by Nippon Hassoden

K.K. in relation to the River Kumano Multiple Purpose Project.

Section 4 Project of power development on the River Yoshino:

Kitawada, Terao, Yoshino No. 2 & Tsuburo

projects (along Yoshino River)

Nibu No. 1, No. 2

(along main tributary, Nibu River, change of

Tozu-River basin to Nibu River)

This project is planned in relation to the River Yoshino &

Tozu Multiole Purpose Project.

Appended Map: 4 sheets

April 1949. Kinki Branch Civil Engineering Section

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SECTION I

GENERAL PLAN & DESCRIPTION
OF PENDING PLANT
IN KINKI DISTRICT
SHINJO

KINKI BRANCH OFFICE
NIPPON HASSODEN K.K.

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SHINJO PROJECT

1. GENERAL DESCRIPTION

- a. This site is the only instance in Kinki District where work is suspended.
Situating on the river Katsura, west of Kyoto, this site can generate 7,000 KW in max. As this site is very near to the load center of Osaka, line loss is small. As the site of power house is close by the existing transmission line, no new line construction is necessary.
- b. This construction was started in November 1941, and construction camps and preparatory equipment for dam construction were nearly completed, dam concrete was 5% set and excavation of tunnels was 12% executed, but in 1944 the whole work was stopped by war. It is very easy to resume and complete the whole work in the short time, as every preparation for resumption of work has already been done as mentioned above.
- c. There are several intakes for irrigation on the river between dam site and tail race of this power plant and people of this area are in some anxiety about the development of this site. But, this matter will be settled properly.

Note : - Present progress of work

Dam	8 %
Ground works	86 %
Concrete placing	5 %
Tunnel	8 %
Excavation	12 %
Concrete lining	0 %
Other civil works	Not initiated
Overall works	6 %

2. Ownership Nippon Hassoden K.K.

3. Cost of Construction (Estimated Cost as of Nov. 1948.)

a) Estimated Construction Cost (^Unit in ¥ 1,000)

Description	Amount	Remarks
Total	570,000	
Land & Privilege Acquisition	14,230	
Preparatory Construction	26,090	
Dam & Storage Reservoir	160,120	

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Water way	163,920
Power house	15,510
Installation Machinery	97,580
General Cost	39,550
Construction Interest	37,590
Indirect Cost	15,410

b) Allocation of Cost in Fiscal Year. (Unit in & 1,000)

Already Installed	1948	1949	1950	1951	Required Hereafter	Total
4,720	950	258,330	256,000	50,000	565,260	570,000

c) Unit Cost

81,429 Yen per K.W.
13,67 Yen per K.W.H.

d) Method of Securing Funds

By loans from Reconstruction Finance Bank until economic condition in Japan is stabilized.

4. Materials

a) Allocation of Required Materials in Fiscal Years.

(Unit in Metric Ton)

Name of Materials	installed	1948	1949	1950	1951	Required hereafter	Total
Cement	705	150	8000	10,000	350	18,500	19,205
Steel	5	395	395	700	30	1,125	1,130

b) Unit Requisition (Unit in Metric Ton)

Name of Materials	Per K.W.	Per 1,000 K.W.H.
Cement	2.7	0.46
Steel	0.161	0.027

5. Construction time

30 monthes

SUMMARY OF PRINCIPAL FEATURES.

Location : In Kyoto Prefecture, Kinki District.
 On Katsura River. Tributary of Yodo River about 80 kilometers about mouth. and 6 kilometres Sanin Railway Line at Yagi Station.

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Use of Power	: General power system for public utility.
	Maximum output 7,000 K.W.
	Firm output 2,300 K.W.
Yearly Generation:	41,690,000 K.W.H.
	Indry seaseon (Dec. Jan. Feb. & Mar.)
	15,840,000 K.W.H.
Pondage	: Normal water surface EL. 198.5 m Maximum water surface EL. 200.0 m Low water surface EL. 195.5 m Area at normal level EL. 198.5 m 467,000 m ² Live depth 3.0 m Available storage 1,306,000 m ³
Tail water	: Normal water surface EL. 117.69 m Maximum water surface EL. 123.60 m
Head	: Available net head for maximum discharge 11.6 m ³ /sec 72.5 m Available net head for firm discharge 3.6 m ³ /sec 78.2 m
Discharge	: For maximum output 11.6 m ³ /sec For firm output 3.6 m ³ /sec
Dam	: Material and type Concrete gravity, gate controlled spillway Section. Total longth 138.0 m Spillway 70.85 m Abutment 67.15 m Maximum height above bed rock 35.0 m Concrete volume 53,600 m ³ Spillway crest EL. 192.5 m Tainter gates 6 - width 9.0m x height 6.4m Sector gates 1 - width 3.0m x height 3.4 m
Intake	: Dimension at water way width 6.0m, x depth 6.5 m
Tunnel	: Type Circular pressure tunnel. lined with reinforced concrete.

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	Dimension	Inner diameter 10.0m Height 18.9m
		Inner diameter and height of riser 2.8 m 15.4 m respectively.
Penstock	Type	1 steel pipe
	Dimension	Inner diameter 1.9 m
	Length	196.7 m
Turbin	Number	2
	Type	Vertical Francis
	Rated capacity	3,800 KW
	Speed	600 r.p.m.
	Discharge at full gate	6.0 m ³ /sec
	Rated head	75 m
	Efficiency guaranteed	88 % (estimated)
	Manufacturer	Not ordered
Generator	Number	2
	Type	A.C. Vertical
	Rated capacity	4,500 K.V.A.
	Phase	3
	Cycle	60
	Voltage	6,600 v.
	Speed	600 r.p.m.
	Efficiency guaranteed	96 %
	Manufacturer	Not ordered
Transformer	Number	2
	Capacity	4,500 K.V.A.
	Phase	3
	Cycle	60
	Voltage	Primary 6,600 v Secondary 77,000 v
	Method of cooling	Self - cooled

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OPERATION DATA (BY MONTH FOR AVERAGE YEAR)

Month	Monthly average of daily maximum (KW)	Monthly average (KW)	Generation (1,000 KWH)	Monthly loadffactor (%)
Jan.	6,750	4,550	3,380	67
Feb.	7,000	6,700	4,500	96
Mar.	7,000	6,400	4,760	91
Apr.	6,700	4,300	3,100	66
May	6600	4,250	3,160	64
Jun.	6,550	4,400	3,170	67
Jul.	6,900	5,750	4,270	83
Aug.	5,200	2,100	1,560	40
Sep.	5,900	3,700	2,680	63
Oct.	6,650	4,200	3,130	63
Nov.	6,950	5,300	2,820	76
Dec.	6,350	3,450	2,580	54
Total			39,110	

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Section 2

Project of Power Generation on the River Seta

This project is planned by Nippon Hassouen K.K. in relation to the Lake Biwa Multiple Purpose Project.

Supplemental Figures

Location map of the Lake Biwa Multiple Purpose Project. (Fig. 1)

Bird's eye view of the Lake Biwa Multiple Purpose Project. (Fig. 2)

Chapter 1. General description of the Lake Biwa -- the largest and most available lake in Japan.

1. Basin, Run-off, Water Level and Rainfall (See Fig. 2)

A. Basin area

		Biwa Lake 3,848 (including watersurface 717)
	Uji River 4,411 km ²	Seta River (Uji) 563
Yodo River	Kizu River 1,604 km ²	
	Katsura River 1,141	Others 864, total 8,020 km ²

B. Run-off

- Outlet of water 1) Seta River (Upper stream of Yodo River)
2) Kyoto Sosui

C. Water level of Lake

This is indicated by the stage of Toriigawa water gage established in 1874, situated downstream about 1 km from the inlet of Seta River. And the datum plane (+ 0) is equal to o.p. 85,614 m, indicated by a sign of T.O. Flood mark before Nango Araizeki (Weir) completed in 1905,

Max. T.O. 3.70 m

After Nango Araizeki completed in 1905,

Max. T.O. (+) 1.43 m

Average H.W.L. T.O. (+) 0.60 m

Normal water level

Before Araizeki completed. T.O. (+) 0.833 m

(A little lower than the lowest level of lake shore)

After Araizeki completed T.O. (+) 0.20 m

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D. Rainfall

Annual rainfall; Max 2,656 mm Min. 1,277 mm
Average 1,889 mm

2. Important Facilities

1) Nango Araizeki (Weir)

Water level and Run-off of the Lake Biwa are controlled by the operation of Weir.
Equipment, wooden stop logs hand-operated
Established in 1905

2) Kyoto Sosui

Established for such multiple purposes as generation, water supply of Kyoto City and Navigation to Kyoto.

No. 1 Canal Established in 1889 Length 8.7 km
No. 2 Tunnel Established in 1912 Length 7.4 km

3) Water Power Plant (See Fig. 2)

a) Kyoto Sosui:

Keage (the oldest water power plant in Japan), Ebisugawa, Fushimi. Total max. authorized capacity 7,300 K.W.

b) Seta River :

Uji, Shizugawa, Omine, Total Max. authorized capacity 72,000 K.W.

3. Improvement Works of Seta River

A. The 1st stage improvement works

Works were begun in 1896 and completed in 1921.

a. Object

1. Flood protection at the shore of Lake Biwa
2. Flood control of Seta River and its main stream Yodo River

b. Works

1. Construction of Araizeki at Nango (completed in 1905)
2. Dredging and enlargement works in Seta River
3. Improvement of river-bed and enlargement of old embankment in Yodo River

c. Water level control : by operating Araizeki weirs.
Limiting the highest level in flood season to T.O. (+) 0.90m and the lowest level in winter to T.O. (-) 0, and rising gradually to T.O. (+) 0.6 m at the highest level in following wet season.

B. Water Utilizing Works of Lake Biwa;

Started in 1943 and now in progress.

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a. Object

1. Equalizing the discharge of Seta River for such water utilization at the down stream district as power generation, navigation, water supply and irrigation.
2. Increasing the discharge of Seta River at low water level for power generation in winter.
3. Flood protection at the lake shore

b. Control of the Lake Biwa Water Level, and the discharge in Seta River

Water level: Highest water level T.O. + .30 m)available
)depth
 Lowest water level T.O. - 1.00m)1.30 m

Run-off (including Kyoto Sosui)

Min. run-off to date; $80 \text{ m}^3/\text{sec}$

Annual average run-off planned; $160 \text{ m}^3/\text{sec}$.

(Average annual run-off $5,000,000,000 \text{ m}^3$)

Planned discharge at lowest water level in winter;
 $210 \text{ M}^3/\text{sec}$. (Seta River only)

c. Effect

- 1) Increase of down-stream power generation in winter
- 2) To secure available flow for irrigation (irrigated area 11,000 ha)
along Yodo River, water supply for public and industrial uses in Kei-Han-Shin District.
- 3) Increase of 3,000 ha irrigated area by drying up inland lakes along Biwa Lake.
- 4) Assured navigation on Yodo River and purification of streams in Osaka City.

d. Works.

- 1). Dredging in Seta River
- 2) Shifting works at Naito River
- 3). Construction of pumping up equipment and lock at the Kyoto Sosui intake (No. 1 canal only)
- 4). Pumping up equipments for irrigation (about 3,000 ha irrigated area) and improvement of harbor facilities, water supply for public and industrial uses, etc. for compensations.

Chapter 2 Principles of the Water Level and Discharge Control of the Lake Biwa concluded by the Lake Biwa Multiple Purpose Project Committee.

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1. The available depth of Biwa Lake is 1.3 m between highest limit T.O. (+) 0.30 m and lowest limit T.O. (-) 1.00 m. It is not profitable to utilize the potential below lowest limit T.O. (-) 1.00m in consideration of the available discharge and of extremely expensive equipments for compensation on the Lake shore. Moreover the water level during the 1st 10 days of May must be regained over T.O. (1) 0 meter.
2. It is generally favorable to limit the max. flow of Seta River to about $240 \text{ m}^3/\text{sec}$. except in floods. When the flow. of Seta River exceeds the above mentioned limit. Yodo river overflows its low water channel and is dangerously scored in river bed and Uji River partially overflows its banks. Moreover it will become more difficult to dredge the bed of Seta River.
(Present planned max. flow is $220 \text{ m}^3/\text{sec}$. at low water level)

Chapter 3 The power resources enlargement plan of Seta River by the water level and discharge control at Lake Biwa, planned by Nippon Hassoden K.K.

As mentioned in Chapter 2, according to the principles concluded by the Lake Biwa Multiple Purpose Project Committee in April 1949, this is planned by Nippon Hassoden K.K. in consideration of the most economical condition and the most realizable possibility using the existing facilities.

1. Fundamental principles of planning

- 1). Available depth of Lake Biwa is 1.30 m (T.O. + 0.30m T.O. - 1.00m)
- 2). The flow of Seta River is limited between $240 \text{ m}^3/\text{sec}$. at max and $90 \text{ m}^3/\text{sec}$. at Min., and must be controlled usefully for peak-load generation as much as possible.
- 3). Utilizing for power generation the remaining fall between Lake Biwa and Shizugawa Dam; Sotohata Project
- 4). Increasing power generation in dry season
- 5). Reducing non-effective run-off of Lake Biwa as much as possible
- 6). Moderating the compensation for houses, arable land and highways which will be submerged under the storage water.

2. General description of plan

1. Existing plants

To remain; Uji (water way type, authorized output 32,000 KW)
Shizugawa (storage and water way type, authorized output 32,000 KW)

To be abolished; Omine (storage type, authorized output 8,000KW)
because the available fall is small.

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2. Plants to be newly established
- a). Sotohata Power Plant (storage type, output 20,600 KW)
 1. Shishitobe Dam; Biwa Lake water level and discharge shall be operated by this instead of Mango Araizeki.
 2. Utilizing the most part of the remaining fall between Biwa Lake and Shizugawa Dam.
 3. Water way 6.4m inside diameter and about 1,010meter length, circular pressure tunnel, 2 lines.
 4. Generating equipments

Peak load operation; 3 units
non-Peak load operation ; 2 units

- b). Shizugawa No. 2 Power Plant (storage and water way type, output 36,000 KW)

1. To utilize the remaining fall between telerace of Sotohata Plant and Shizugawa Dam by adding 2 meter to Shizugawa Dam height.
2. Water way 6.55 m inside diameter and about 2,340 m length, circular pressure tunnel, 1 line.

3. Generating equipment

Max. discharge $91 \text{ m}^3/\text{sec.}$
effective head 47.90 m.

2-units; These shall be operated continuously, and at peak load, Shizugawa plant shall be operated fully.

3. Capacity and Generation (See Fig. 2)

Name of plant	Max. Output KW	Generation		
		Actual MWH	Estimated MWH	Increased MWH
Uji	32,000	247,400	243,900	-3,500
Shizugawa	32,000	126,100	31,100	-95,000
Omine	(8,000)	13,400		-13,400
Sotohata	20,600		76,300	76,300
Shizugawa No. 2	36,000		227,500	227,500
Total	120,600	386,900	578,800	191,900

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4. Cost of construction

Name of plant	Max. Output KW	Cost of Construction		
		Grand amt Yen 1,000	Yen/KW	Yen/KWH
Sotohata	20,600	1,320,000	64,100	Increased
Shizugawa No 2	36,000	1,230,000	34,200	MWH 191,900
Total		2,550,000		
Average			45,000	13.30

715 013463 FUEL, LIGHT, WATER, AND POWER

NO.	DATE	SUBJECT
1.	10 Jan 49	Estimate of Petroleum Products for Occupation Forces
2.	2 Feb 49	Electric Transformer
3.	9 Feb 49	Estimate of Petroleum Products for Occupation Forces
4.	9 Feb 49	Issuance of Petroleum
5.		Water Power Generation Project in Kinki District
6.	4 May 49	Request to Lay Gas Line through Occupation Forces Controlled Area
7.	9 Jul 49	Estimate of Petroleum Products for Occupation Forces
8.	9 Jul 49	Excessive Distribution of Petroleum for the "Indirect" Benefit of the Occupation Forces
9.	18 Jul 49	Operation of Pacific Coast Refineries and Import of Crude Petroleum

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412.4 Central file copy

KYOTO MILITARY GOVERNMENT TEAM
APO 301 (Kyoto, Honshu)

RME/ca

4 May 1949

SUBJECT: Request to Lay Gas Line through Occupation Forces Controlled Area

TO : Kyoto Liaison and Coordination Office

1. Reference is made to memorandum, Kyoto Liaison and Coordination Office, unnumbered, subject: "Petition of Osaka Gas Company, Ltd. for Permission to Lay Main Pipe in I Corps Air Strip Compound", dated 25 April 1949.

2. It is desired that the Osaka Gas Company be informed that their request to lay a high pressure gas line along the East edge of the Kyoto (Ni jo Castle) airstrip during the period 1 - 20 August 1949 has been favorably considered.

3. It is desired that interim reports of progress on the entire project be submitted to this headquarters at the end of May and June. At such time that all operations except those scheduled for the Occupation Forces controlled area cited in the reference have been completed, but in no case later than 25 July 1949, the exact date of the proposed excavation in the air strip will be submitted to this headquarters.

FOR THE COMMANDING OFFICER,

THOMAS R. HARBIN
Capt. Inf
Adjutant

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Water Power Generation Project in Kinki District

PREFACE

Section 1 General plan and description of pending plant;
Shinjo Project

Section 2 Project of power development on the River Seta;
Sotohata & Shizugawa No. 2 project

Section 3 Project of power development on the River Kumano;
Otoshi, Oza, Kitayamagawa No. 1, No. 2 & No. 3
projects (along main tributary, Kitayama River)
Ohara, Shikabuchi & Mukuro project

This project is under investigation by Nippon Hassoden
K.K. in relation to the River Kumano Multiple Purpose Project.

Section 4 Project of power development on the River Yoshino;
Kitawada, Terao, Yoshino No. 2 & Tsuburo
projects (along Yoshino River)
Nibu No. 1, No. 2
(along main tributary, Nibu River, change of
Tozu-River basin to Nibu River)

This project is planned in relation to the River Yoshino &
Tozu Multiple Purpose Project.

Appended Map: 4 sheets

April 1949. Kinki Branch Civil Engineering Section

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KYOTO MILIT.RI GOVERNMENT TEAM
APO 301 (Kyoto Honshu)9 Feb 1949
(Date)Memorandum to Governor, Kyoto Pref, thru Liaison Office, KMGT
(appropriate prefectoral official)Kyoto

(Prefecture)

1. It is desired that you approve for issue, and notify the appropriate PDC (or its successor agency) to issue petroleum as follows:

- a. Name of contractor Kyodo Distribution Co.
- b. Name and location of project PD JIMBO 3960
- c. Number of vehicles employed on project (or, if vehicles are not employed, the nature of the project) 3
- d. U.S. Army unit supervising the work Hqs I Corps, TI & E Section
- e. Name of U.S. Army official to be contracted in event of difficulty in providing or delivering the required products W. C. Besnier, 1st Lt, Kyoto Mil Govt Team
- f. Quantity and type of petroleum products authorized for the contractor 270 Gal Gasoline, 17 Gal Motor Oil
- g. Period of time covered by the allocation (not to exceed 30 days) 1 March thru 31 March 1949
- h. Date on which allocation becomes invalid 1 April 1949

2. This allocation is valid only in the prefecture and for the use mentioned above.

Ecc#23
E. L. COMMONS Jr. Capt USAF
(Signature of U.S. Army Officer
designated to sign allocation)

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KYOTO MILIT.RY GOVERNMENT Team
APO 301 (Kyoto Honshu)9 Feb 1949
(Date)Memorandum to Governor, Kyoto Pref. thru Liaison Office, KMGT
(appropriate prefectoral official)Kyoto
(Prefecture)

1. It is desired that you approve for issue, and notify the appropriate PDC (or its successor agency) to issue petroleum as follows:

- a. Name of contractor Keihin Bus Co.
- b. Name and location of project PP JPMO 571 B
- c. Number of vehicles employed on project (or, if vehicles are not employed, the nature of the project) 9
- d. U.S. Army unit supervising the work Kyoto Post Command
Visitors' Bureau
- e. Name of U.S. Army official to be contracted in event of difficulty in providing or delivering the required products W. C. Besnier, 1st Lt. Kyoto Mil Govt Team
- f. Quantity and type of petroleum products authorized for the contractor 1650 Gal Gasoline, 45 Motor Oil
- g. Period of time covered by the allocation (not to exceed 30 days) 1 March thru 31 March 1949
- h. Date on which allocation becomes invalid 1 April 1949

2. This allocation is valid only in the prefecture and for the uses mentioned above.

*E.L.C.*E. L. COMMONS Jr. Capt USAF(Signature of U.S. Army Officer
designated to sign allocation)4²

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KYOTO MILIT.RI GOVERNMENT TEAM
APO 301 (Kyoto Honshu)9 Feb 1949
(Date)Memorandum to Governor, Kyoto Pref., thru Liaison Office, KMGT
(appropriate prefectoral official)Kyoto

(Prefecture)

1. It is desired that you approve for issue, and notify the appropriate PDC (or its successor agency) to issue petroleum as follows:
 - a. Name of contractor Kokusai Bus Co.
 - b. Name and location of project PD JPMO 2830
 - c. Number of vehicles employed on project (or, if vehicles are not employed, the nature of the project) 18
 - d. U.S. Army unit supervising the work Camp Fisher Rec Center
 - e. Name of U.S. Army official to be contracted in event of difficulty in providing or delivering the required products W. C. Besnier, 1st Lt, Kyoto Mil Govt Team
 - f. quantity and type of petroleum products authorized for the contractor 3593 Gal Gasoline, 150 Gal Motor Oil
 - g. Period of time covered by the allocation (not to exceed 30 days) 1 March thru 31 March 1949
 - h. Date on which allocation becomes invalid 1 April 1949
2. This allocation is valid only in the prefecture and for the use mentioned above.

*Ede*E. L. COMMONS Jr. Capt USAF(Signature of U.S. Army Officer
designated to sign allocation)4³

715 013

KYOTO MILITARY GOVERNMENT TEAM
APO 301 (Kyoto Honshu)9 Feb 1949

(Date)

Memorandum to Governor, Kyoto Pref., thru Liaison Office, KMGT
*(appropriate prefectoral official)**Kyoto**

(Prefecture)

1. It is desired that you approve for issue, and notify the appropriate PDC (or its successor agency) to issue petroleum as follows:

- a. Name of contractor Teisan Auto Co.
- b. Name and location of project PD JPMO 572
- c. Number of vehicles employed on project (or, if vehicles are not employed, the nature of the project) 35
- d. U.S. Army unit supervising the work Kyoto Post Command
- e. Name of U.S. Army official to be contracted in event of difficulty in providing or delivering the required products W.C. Besnier, 1st Lt, Kyoto Mil Govt Team
- f. Quantity and type of petroleum products authorized for the contractor 13,500 Gal Gasoline, 600 (No. 600) Motor Oil,
25 Gal Gear Oil, 50 Gal Diesel
- g. Period of time covered by the allocation (not to exceed 30 days) 1 March thru 31 March 49
- h. Date on which allocation becomes invalid 1 April 1949

2. This allocation is valid only in the prefecture and for the uses mentioned above.

*E.L.C.*E. L. COMMONS Jr. Capt USAF(Signature of U.S. Army Officer
designated to sign allocation)4⁴

775 013KYOTO MILITARY GOVERNMENT TEAM
APO 301 (Kyoto, Honshu)

WCB/JC/ct

9 Feb 1949

SUBJECT: Estimated of Petroleum Products for Occupation Forces

TO : Commanding General
Hq I Corps
APO 301
Attn: Military Government SectionD K
1. Reference: Circular #154, Eighth Army, dtd 23 Sept 1947 (Report Control Symbol QGD-29).

2. Forwarded herewith Estimates of Petroleum Products for Occupation Forces for the month of April 1949.

FOR THE COMMANDING OFFICER:

1 Incl:
Same as aboveTHOMAS R. HARBIN
1st Lt, Inf
Adjutant

#23

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April Month

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ESTIMATE OF PETROLEUM PRODUCTS REQUIRED FOR OCCUPATION FORCES - Rpt Control Symbol **GD-29**
All liquid products are estimated in gallons; all greases in pounds

Kyoto Pref

	Vehicles	Gasoline	Mobile	Fuel	Diesel	Grease	Project and Unit Employing Contractors
1. Construction & Rehabilitation for Occ. Forces							
2. Hauling for Occ. Forces							
3. Vehicles Contracted for Occ. Forces	35 3 18 3	13,500 1,650 3,593 260	600 (#20) 45 150 16		50	35 3	PD JPNZ 572 Kyoto Post Command PD JPNO 571-B Kyoto Post Command Visitors' Bru PD JPNO 2830 Camp Fisher Rec Centre PD JPNO 3960 Hq I Corps TI & E Sect.
4. Road Maintenance for Occ. Forces							
5. Heating of Installations for Occ. Forces							
6. Total Estimate	59	19,003	811		50	38	
7. Am't consumed in Pref by last day of month.		19,256	867		50		
8. Balance on hand in Pref. on last day of month.		1,310	130		0		

REMARKS: Vehicles on JPNZ 572 are used about 16 hours per day on scheduled runs and thus requires more than 300 gal per vehicles per month.

Buses on JPNO 571B consumes a greater amount of gasoline because of size and length of scheduled runs.

Buses on 2830 are used for recreation purposes and for regular bus route between KPC and Fushimi

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Centurion file

KYOTO MILITARY GOVERNMENT TRAM
APO 301 (Kyoto, Honshu)

ELC/ct

OK
ELC
2 Feb 1949

SUBJECT: Electric Transformer

THRU : Kyoto Liaison Office

TO : Kansai Haider, Kyoto Office

2 Feb X^a
X-8. Eq.
1. The Terashima Shoe Manufacturing Company, operating on contract to the Eighth Army Exchange Service, has recently installed some American shoe repairing machinery. However, this machinery can not at present be operated due to the low capacity of their electrical transformer.

2. It is requested that a transformer of sufficient capacity to handle this machinery be installed for the above mentioned company.

FOR THE COMMANDING OFFICER:

THOMAS R. HARRIN
1st Lt, Inf
Adjutant

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775 013KYOTO MILITARY GOVERNMENT TEAM
APO 301 (Kyoto, Honshu)

WCE/JC/th

SUBJECT: Estimate of Petroleum Products for Occupation Forces
10 Jan 1949TO : Commanding General
Hqs. I Corps,
APO 301
Attn: Military Government Section1. Reference: Circular #154, Eighth Army, dtd 23 Sept 1947
(Report Control Symbol QGD-29).2. Forwarded herewith estimates of petroleum products for
Occupation Forces for the month of March 1949.

FOR THE COMMANDING OFFICER:

1 Incl:

Estimate of Petroleum
Products for Occupation ForcesTHOMAS R. HARBIN
1st Lt, Inf
Adjutant

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MONTUE
ESTIMATES OF PETROLEUM PRODUCTS REQUIRED FOR OCCUPATION FORCES - Rpt Control Symbol QGD-29
All liquid products are estimated in gallons; all greases in pounds

	Vehicles	Gasoline	Mobile	Fuel	Diesel	Grease	Project and Unit Employing Contractors
1. Construction & Rehabilitation for Occ. Forces							
2. Hauling for Occ. Forces							
3. Vehicles Contracted for Occ. Forces	35 9 18 3	13,500 1650 3593 270	600(#20) 45 150 17	25 Gearoil	50		PD JPNZ 572 Kyoto Post Command PD JPNO 571B KPC Visitors Bureau PD JPNO 2890 KPC Recreational Center PD JPNO 3960 Kyodo Dist. Company
4. Road Maintenance for Occ. Forces							
5. Heating of Installations for Occ. Forces							
6. Total Estimate	59	19,013	812	25	50		
7. Am't consumed in Pref by last day of month.		18982	844				
8. Balance on hand in Pref. on last day of month.		1180	172				

REMARKS: Vehicles on JPNZ 572 are used about 16 hours per day on scheduled run and thus requires more than 300 Gal per vehicle per month. Busses on JPNO 571B consumes greater amount of gasoline because of size and length of scheduled run. Eighteen busses on JPNO 2890 are used for recreational purposes and for regular bus route between KPC and Fushimi. Vehicles on JPNO.