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REGIONAL REPORTS, REGION I, SICILIA
MAY 1944 - JAN. 1945

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147

ALLIED COMMISSION
SICILIA REGION HEADQUARTERS
APO 394

DAB/ob

27 Jan. 45.

RECEIVED
P.W. & U.S. C.A.C.
3 FEB 1945 147

In reply
refer to : RTC 314.1
SUBJECT : Monthly Report.
TO : Public Works and Utilities Sub-Commission.
Headquarters, Allied Commission
APO 394 U.S. Army.

Public Works.

General.

1. Wet and stormy weather has held up somewhat works in hand. Gales have caused damage in ports and harbours.
2. The writer went to Rome to a conference of Regional Engineers held on 8 Jan. at Public Works and Utilities Sub-Commission where general points of interest to this Region were discussed and decisions were given.
 - a) First, the question of getting the work finished on a few of the bridges which were included in Chief Engineer's No. 1 District Programme. Lack of petrol had brought the work almost to a standstill. It was ruled that where certain works had been asked by the Army, if previous to the jobs being completed the Army had left the Region, these works could still be regarded as of military importance and supplementary petrol could be issued by the Regional Engineer so that the work could be finished. This decision will aid in getting work completed on a few bridges which were being held up because it was impossible to obtain transport.
 - b) Works in ports and harbours urgently requested by Allied Authorities should be treated in the same manner as Military Highways. This is a very important decision as previously when projects were routed through Italian channels it took about five months to approve a job. Now when it is possible to obtain approval of the Public Works Utilities Sub-Commission work can be started without two weeks.

Staff & Personnel.

Public Works.General.

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2. The writer went to Rome to a conference of Regional Engineers held on 8 Jan. at Public Works and Utilities Sub-Commission where general points of interest to this Region were discussed and decisions were given.

a) First, the question of getting the work finished on a few of the bridges which were included in Chief Engineer's No. 1 District Programme. Lack of petrol had brought the work almost to a standstill. It was ruled that where certain works had been asked by the Army, if previous to the jobs being completed the Army had left the Region, these works could still be regarded as of military importance and supplementary petrol could be issued by the Regional Engineer so that the work could be finished. This decision will aid in getting work completed on a few bridges which were being held up because it was impossible to obtain transport.

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Staff & Personnel.

3. No change.

Inspection tours.

4. During the early part of the month the writer made a few short tours along S.S. 113 to see the state of progress on the bridges. Because of inclement weather with heavy snows in the mountains also on account of a visit to Rome to the Public Works and Utilities Sub-Commission the writer had a little opportunity to tour the provinces.
5. At the end of the month the writer made a tour to Catania and Syracuse to see works required to be done in ports and harbours. The works were pointed out to Comm. Carbonaro, Inspector of the Genio Civile

(2)

and Ing Ballantini, Chief Engineer of the Genio Civile Catania. Estimates being prepared for submission.

Military Highways.

6. There is nothing different to report on the condition of these highways from last month except that snow on Route 121 held up through traffic for three days. Twelve supplementary estimates for work on bridges on Route 113 were approved, the total amount of these being approximately 11,500,000 Lire.

Other Highways.

7. Some work of repair are being carried out on the Provincial Roads in Palermo Province. Generally such roads are in a bad state.

Public Works.

8. A number of jobs have been started and some work is now being carried out on private buildings.

9. Some gale damage is reported from the port of Licata. The Genio Civile has been asked to get ahead with the work of repair.

ELECTRICITY.

10. Data regarding production.

a) b) Production and maximum load for every station from 26.12.44 to the 25.1.45.

WESTERN CENTRAL ZONE.

Alto Belice	10	KWh.	703,000	KW	max	5,200
"	110	"	18,128	"	"	350
S. Carlo		"	3,854,000	"	"	6,300
Favara		"	585,300	"	"	1,100
Poggioreale		"	2,474,000	"	"	4,000
Scillato		"	185,000	"	"	4,400
Palermo		"	556,000	"	"	—
Porto Empedocle		"	431,440	"	"	—
Trapani		"	—	"	"	6852

Other Highways.

7. Some work of repair are being carried out on the Provincial Roads in Palermo Province. Generally such roads are in a bad state.

Public Works.

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ELECTRICITY.

10. Data regarding production.

a) b) Production and maximum load for every station from 26.12.44 to the 25.1.45.

WESTERN CENTRAL ZONE.

Alto Belice I°	KWh. 703.000	KW max	5.200
" " II°	18.128	"	350
S. Carlo	3.854.000	"	6.300
Pavara	585.300	"	1.100
Poggiudiana	2.474.000	"	4.000
Scillato	185.000	"	4.400
Palermo	556.000	"	-
Porto Empedocle	431.440	"	-
Trapani	-	"	-
	<u>KWh. 8.806.868</u>		<u>6852</u>

EASTERN ZONE.

Alcantara I°	KWh. 2.097.000	"	3.400
" II°	2.646.500	"	4.000
Cassibile	1.651.050	"	5.400
Catania	3.021.562	"	3.900
	<u>KWh. 9.416.112</u>		

Total

KWh. 18.222.980

=====

(3)

c) Graph of loading on 11th.

(See enclosure.)

d) Estimated total production for the next three months.

	Hydraulic	Thermal	Total.
February	12,500,000	5,000,000	17,500,000
March	11,500,000	6,000,000	17,500,000
April	10,500,000	7,000,000	17,500,000

NOTE.

The estimated hydro- electric production for February has been increased on account of the increased rains in January.

SUPPLIESCoal

Consumption from 26 November 44 to 25 January 45.

	Imported	Sardinian	Total.
Palermo	1,085	357	1,442
Porto Emped.	123	669	792
Catania	2,248	2,864	5,112

Stock in hand on 25 January.

Palermo	568	799
Porto Emped.	311	4,849
Catania	1,369	439
		1,387
		5,150
		1,808

Estimated consumption in the next three months.

	February	March	April
Palermo	Imp. 1,200	1,200	1,200
	Sard. 500	500	500
	Tot. 1,700	1,700	1,700
Port Emp.	Imp. 1,500	1,500	1,500
	Sard. 1,500	1,500	1,500
	Tot. 3,000	3,000	3,000
			6851

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Estimated consumption in the next three months.

	February	March	April
Palermo	Imp. 1,200	1,200	1,200
	Sard. 500	500	500
	Tot. 1,700	1,700	1,700
Port Emp.	Imp. 1,500	1,500	1,500
	Sard. 1,500	1,500	1,500
	Tot. 3,000	3,000	3,000
Catania	Imp. 1,000	1,000	1,000
	Sard. 5,000	6,500	7,000
	Tot. 6,000	7,500	8,000

6851

i The quantity of imported coal required for Catania has been reduced by 1000 tons and the quantity of imported coal estimated for Port Empedocle has been increased by the same amount i.e; 1000 tons. The quantity of Sardinian coal for Catania has been increased by 1000 tons.

ii There has been an increase in unit consumption which has been caused by the poor quality of the coal and especially to the fact that the size of the coal is not suitable for the furnace bars. Catania needs screened

(4)

coal of uniform size, even if small. Any variety of nuts would suit well. If it were possible to supply coal of this quality it would be a great advantage.

iii It will be seen that for the month of February there is no need to supply Sardinian coal to Palermo and Porto Empedocle. On the other hand the dispatch of Sardinian coal to Catania is urgent as imported coal has had to be used because Sardinian Coal was not available.

d) Naphta.

A.B.C.D. has sent a container of naphta to Porto Empedocle and Catania has also received four tons.

e) Materials.

All the condensers tubes for Catania have now been received.

f) Availability of water.

Alto Belice(Piana)	mc.	3.700.000
Gammata	"	1.502.000
Prizzi	"	7.050.000

12. Notes on repairs in hand.

The station of Port Empedocle was not functioning between the 4th and 25th. because of damage to the boilers and pulverizer and because of a shortage of imported coal. After temporary repairs the station is again functioning.

PUBLIC UTILITIES

13. Gas.

It was hoped that coal would be made available for the Gas ~~Station~~ at Palermo, Catania, and Trapani, but none has been allotted.

14. Water.

It was hoped that the water supply which had diminished

d) Naphta.

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PUBLIC UTILITIES13. Gas.

It was hoped that coal would be made available for the Gas ~~Works~~ at Palermo, Catania, and Trapani, but none has been allotted.

14. Water.

The recent rains have increased the water supply which had diminished alarmingly during the dry season.

15. Tramways.

The tramways and trolley-busses company of Palermo has had the largest depot derequisitioned and handed back by the U.S. Navy. This will enable urgent works of repairs and maintenance to be carried out on trams and buses.

Materials.16. Nothing to report.

Transport.

17. The position is the same as reported in December.

General.

18. List of projects is forwarded as per instructions.

Enc.
List of Projects.
Graph to P.W.U. Sub-Commission.

For the Regional Commissioner.

David A. Boyd
DAVID A. BOYD
Major R.E.
Regional Engineer.

6874

SOCIETÀ GENERALE ELETTRICA DELLA SICILIA

Diagramma di produzione del 11-1-1945

Palermo

SCALA 1

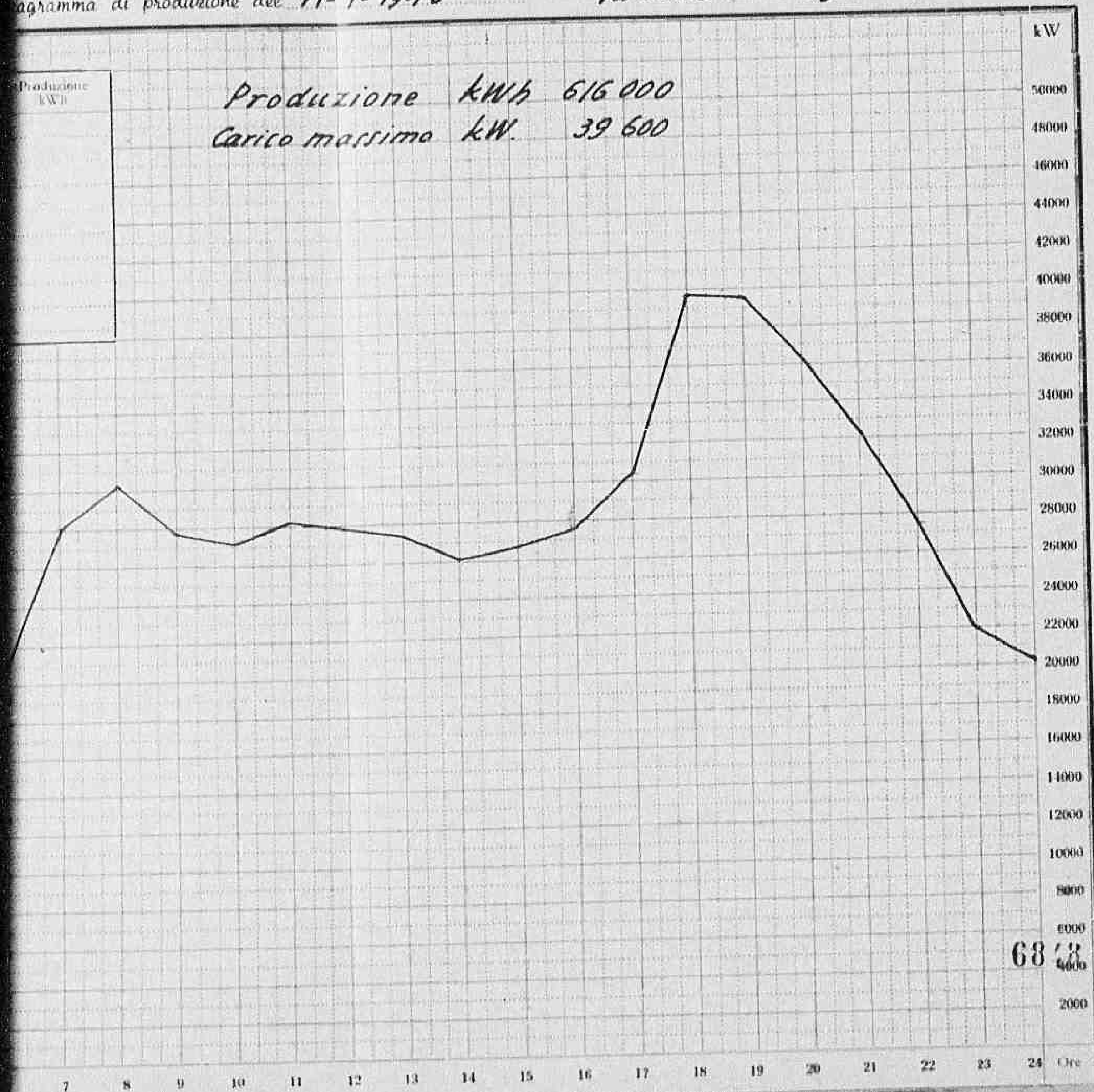


GENERALE ELETTRICA DELLA SICILIA

Mod. S. Produzione

Diagramma di produzione del 11-1-1945Palermo29-1-1945

SCALA 2



ALLIED COMMISSION
SICILIA HQ. REGION
APO 394

DAB/cb

28 October 1944

In reply
refr to : RTC 319.1

Subject : Monthly Report.

To : Public Works and Utilities Sub-Commission
Headquarters, Allied Commission
APO 394 U.S. Army.

Public Works.

21. SICILIA REGION

(Regional Engineer: Major J. J. Boyer, R.E.)

(a) General Remarks.

1. In the Giornale di Sicilia on 22 Nov. it was stated that the Presidenza del Consiglio dei Ministri had sent a telegram to the High Commissioner for Sicily which said that a first allotment of 400 millions lire had been given for war damages of which 100 millions would be used for repairing private houses. A commission, of which the Provveditore alle Opere Pubbliche will be President, will arrange the allocation of the funds on a provincial basis. This is a step in the right direction in handing over the responsibility to the Italian Authorities (See *Memorandum* 3 and 7).

2. Instructions to the Regional Engineers dated 16 Nov. 44 from Public Works & Utilities Sub-Commission gives further responsibility to the Italian Authorities.

(b) Staff & Personnel

3. The personnel of this Division remains the same, the Regional Engineer being the only Officer left (See *Memorandum* 12, 19 and 20).

Inspection Tours.

4. During the month the writer made a short inspection tour along S.S. 113. Palermo-Messina. Works on bridges are moving slowly to close. The surface condition of the road is fair.

(c) Military Highways and Bridges.

The roads declared Military Highways remain the same as set up in

Public Works.

21. SICILIA REGION

(Regional Engineer: Major J. H. Boyd, R.E.)

(a) General Remarks.

21. In the Giornale di Sicilia on 22 Nov. it was stated that the Presidenza del Consiglio dei Ministri had sent a telegram to the High Commissioner for Sicily which said that a first allotment of 400 millions lire had been given for war damages of which 100 millions would be used for repairing private houses. A commission, of which the Provveditore alle Opere Pubbliche will be President, will arrange the allocation of the funds on a provincial basis. This is a step in the right direction in handing over ~~the~~ responsibility to the Italian Authorities (See ~~para 12~~ ^{3 para 7}).

22. Instructions to the Regional Engineers dated 16 Nov. 44 from Public Works & Utilities Sub-Commission gives further responsibility to the Italian Authorities.

(b) Staff & Personnel

23. The personnel of this Division remains the same, the Regional Engineer being the only Officer left (See ~~also paragraph 12, 19 and 20~~).

Inspection Tours.

4. During the month the writer made a short inspection tour along S.S. 113, Palermo-Messina. Works on bridges are moving slowly to ~~80~~ ⁹⁰ places. The surface condition of the road is fair.

(c) Military Highways and Bridges.

5. The roads declared Military Highways remain the same as set up in June. Works ordered are proceeding slowly, ~~due to~~ ^{due to} lack of coal & petrol, it is not possible to transport road-making materials consequently the state of military highways becomes worse. Until more coal and petrol are allotted the position will continue gradually to worsen. ~~as explained in my report of 12 Nov. 44 more coal and petrol are allotted the other highways condition of roads in Sicily will continue to deteriorate.~~

6. The condition of all roads in Sicily becomes worse. This will be dealt with under the heading of Fuel.

Public Works.

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(2)

7. A list of works approved during the month is attached as Appendices A. B.
8. Two jobs sent to the Ministry in August for approval have been sent back approved this month.

ELECTRICITY1. Data regarding production

Production and maximum load for every Station from the 26.10 to the 25.11.1944

WESTERN CENTRAL ZONE.

	KWh.	KW	max	
Alto Belice l°	972.830	"	"	6.200
" " ll°	2.748	"	"	350
S. Carlo	11262.000	"	"	6.000
Avara	157.000	"	"	1.000
Poggiudiana	701.000	"	"	3.500
Scillato	188.000	"	"	5.000
Palermo	1.095.000	"	"	3.000
Porto Empedocle	1.719.200	"	"	
Trapani	—	"	"	
Total	6.097.778			25.050

Eastern Sicily

	KWh.	KW	max	
Alcantara l°	1.112.300	"	"	3.600
" ll°	2.108.200	"	"	4.200
Cassibile	687.850	"	"	5.000
Catania	4.720.800	"	"	9.500
Total	8.629.150			28.300
General Total	14.726.928			23.350

2. Graph of loading on the 20 th.

(see inclosure)

3. Estimated total production in the next three months. 68,4

Hydraulic	Thermal	Total.
		68,4

Production and maximum load for every Station from the 26.10 to the 25.11.1944

WESTERN CENTRAL ZONE.

Alto Belice 1°	KWh.	972.830	KW	max	6.200
" 11°	"	2.748	"	"	350
S. Carlo	"	11.262.000	"	"	6.000
Favara	"	157.000	"	"	1.000
Poggiuediana	"	701.000	"	"	3.500
Scillato	"	188.000	"	"	5.000
Palermo	"	1.095.000	"	"	3.000
Porto Empedocle	"	1.719.200	"	"	
Trapani	"		"	"	
Total		<u>6.097.778</u>			<u>23.050</u>

Eastern Sicily

Alcantara 1°	KWh.	1.112.300	"	"	3.600
" 11°	"	2.108.200	"	"	4.200
Cassibile	"	687.850	"	"	5.000
Catania	"	4.720.800	"	"	9.500
Total		<u>8.629.150</u>			<u>22.300</u>
General Total		<u>14.726.928</u>			<u>45.350</u>

2. Graph of loading on the 20 th.

(see inclosure)

3. Estimated total production in the next three months.

6848

	Hydraulic	Thermal	Total.
December 1944	9.250.000	8.200.000	17.750.000
January 1945	11.500.000	6.500.000	18.000.000
February 1945	11.500.000	6.500.000	18.000.000

NOTE.

The hydraulic estimates, have been made on the average of the last years taking into account that the lake of Piana del Greci much below quota, could serve only for covering the peak evening load. The total estimate provides for a continuation of rationing.

4. Supplies.

a) coal.

(3)

1) Consumption from the 26th. October to the 25th. November.

	Imported	Sardinian	Total
Palermo	1.232	1.007	2.239
Porto Emp.	469	2.019	2.488
Catania	1.370	5.539	6.909
Stock in hand on the 25 November.			

Palermo	984	1.472	2.456
Porto Emp.	71	688	759
Catania	325	2.055	2.380

3) Estimated consumption for the next three months.

	December			January 45	February 45.
Palermo	Imp.	1.850		1.200	1.200
	Sar.	1.250		800	800
	Tot.	3.100		2.000	2.000
Port Emp.	Imp.	500		500	500
	Sar.	2.000		2.000	2.000
	Tot.	2.500		2.500	2.500
Catania.	Imp.	2.500		2.000	2.000
	Sar.	6.000		6.000	6.000
	Tot.	8.500		8.000	8.000

4) In the above figures it is taken that it will be possible to have the quantity of coal necessary to go on with the present rationing taking into account that in these winter months the demand will naturally increase.

5) It is submitted that for the month of December there should be given a greater allotment of even Sardinian coal for Catania considering the uncertainty of the hydro electric production during that month. If the hydro electric production should be later satisfactory the fuel could remain in stock and it could be used for the future months.

b) MATERIAL REQUIRED.

6879

The first consignment of condensor tubes has been received at Catania and a further consignment is awaited. Works on fitting the new tubes will be started immediately.

3) Estimated consumption for the next three months.

	December	January 45	February 45.
Palermo	Imp. 1.850	1.200	1.200
	Sar. 1.250	800	800
	Tot. 3.100	2.000	2.000
Port Emp.	Imp. 500	500	500
	Sar. 2.000	2.000	2.000
	Tot. 2.500	2.500	2.500
Catania.	Imp. 2.500	2.000	2.000
	Sar. 6.000	6.000	6.000
	Tot. 8.500	8.000	8.000

4) In the above figures it is taken that it will be possible to have the quantity of coal necessary to go on with the present rationing taking into account that in these winter months the demand will naturally increase.

5) It is submitted that for the month of December there should be given a greater allotment of even Sardinian coal for Catania considering the uncertainty of the hydro electric production during that month. If the hydro electric production should be later satisfactory the fuel could remain in stock and it could be used for the future months.

b) MATERIAL REQUIRED.

The first consignment of condenser tubes has been received at Catania and a further consignment is awaited. Works on fitting the new tubes will be started immediately.

c) Supply of water as on 25th. Nov.

Alto Belice (Piana)	mc- 6.843.000
Gammata	" 133.000
Prizzi	" -

d) Notes on the repairs in course.

The coal dust boiler is now functioning. On the 1st. Nov. on account of a short circuit which caused a fire the 5.000 KW Ganz alternator was damaged. The possibility of repairing the damage is being studied with the assistance from the mainland.

PORTO EMPEDOCLE & CATANIA.

(4)

There is nothing of interest to report.

1) Public Utilities.

a) Water

No difficulty has been experienced with regard to water supply.

b) Gas.

Coal has not been made available for gas production.

c) Tramways.

Trams continue to run in Palermo, Catania & Trapani.

2. Fuel.

It may as well be stated now that both the allotments of petrol and coal for Public Works Sicily are totally inadequate. The drive to amass grain has been intense and petrol and coal have been used for the purpose of transporting grain. This is essential for the alimentation of the population but if petrol and fuel are not allotted to transport for the public works especially road work the roads will soon become unfit for traffic.

3. Materials.

Cement is now available for industries and a small proportion for private uses. The responsibility for its distribution has been handed over by the Regional Engineer to the Supplies Official of the Italian Authorities.

4. Transport.

Situation is critical the same as reported last month.

5. General.

Lists of expenses for works carried out in Oct. are forwarded as Appendix E.

6846

Coal has not been made available for gas production.

c) Tramways.

Trams continue to run in Palermo, Catania & Trapani.

2. Fuel.

It may as well be stated now that both the allotments of petrol and coal for Public Works Sicily are totally inadequate. The drive to amass grain has been intense and petrol and coal have been used for the purpose of transporting grain. This is essential for the alimentation of the population but if petrol and fuel are not allotted to transport for the public works especially road work the roads will soon become unfit for traffic.

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5. General.

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David A. Boyd
DAVID A. BOYD
Major R.E.
Regional Engineer.

(Appendix "A" I

LIST OF PROJECTS APPROVED BY THE PROVVEDITORE
DURING THE MONTH OF NOVEMBER.

DESCRIPTION of Work	LOCATION Province	Town	AMOUNT	REMARKS
Spring "tre sorgenti"	Agrigento	-	L. 481.000	
Church S. Girolamo	"	-	68.000	
Acqueduct repair	"	Canicatti	500.000	
School Bldg.	Caltanissetta	-	21.000	
"	"	-	56.000	
"	"	-	29.000	
"	"	-	7.000	
Genio Civile	"	-	47.000	
Lighthouse	Caltanissetta	Gela	105.140	
Road rep.	Caltanissetta	-	30.000	
Court	"	-	39.000	
School Bldg. demolit.	"	"	7.000	
Church S. Agata	"	-	45.500	
Road Caltanissetta	"	Biaccavill.	115.000	
Bridge Biaccavilla	Catania	Palagonia	230.000	
By pass river Monaci	"	-	75.000	
Custom house	"	Dittaino	11.600	
Removal of fascio	"	Adreno	316.000	
Two small bridges	"	Bronte	122.000	
Small bridge	"	-	120.000	
Genio Civile	"	Giarre	131.000	
Bridge S. Maria	"	-	65.993	
Harbour rep.	"	-	65.000	
Removal of fascio	"	-	220.000	
School Bldg.	"	Adrano	180.000	
Organege	"	Paterno	334.000	
Street rep.	"	Buttaceto	230.000	
Bridge reconstruction	"	-	70.000	
Street rep.	"	Raddusa	132.000	
Road rep.	Enna	Gagliano	16.000	
Carabinieri barracks	"	Assoro	150.000	
Sustaining wall	"	Regalmuto	25.000	
Carabinieri barracks	"	-	40.000	
Church rep.	Messina	Milazzo	260.000	
Acqueduct.	"	Pondachel.	400.000	
"	"	-	99.217	
Bridge	"	Merì	300.000	
Hygienic works	"	Barcellona	135.000	
City hall	"	Taormina	38.143	
Removal of debris	"	S. Lucia	226.000	

Genio Civile	"	"	29.000
Lighthouse	"	"	7.000
Road rep.	"	Gela	47.000
Court	"	"	105.140
School Bldg. demolit.	"	"	30.000
Church S. Agata	"	"	39.000
Road Caltanissetta	"	"	7.000
Bridge Biancavilla	"	"	45.500
By pass river Monaci	"	Biancavill.	115.000
Custom house	"	Palagonia	230.000
Removal of fascio	"	"	75.000
Two small bridges	"	Dittaino	11.600
Small bridge	"	Adrano	316.000
Genio Civile	"	Bronte	122.000
Bridge S. Maria	"	Giarre	120.000
Harbour rep.	"	"	131.000
Removal of fascio	"	"	65.993
School Bldg.	"	"	65.000
Organege	"	Adreno	220.000
Street rep.	"	Paterno	180.000
Bridge reconstruction	"	Buttaceto	334.000
Street rep.	"	"	230.000
Road rep.	"	"	70.000
Carabinieri barracks	"	Raddusa	132.000
Sustaining wall	"	Gagliano	16.000
Carabinieri barracks	"	Assoro	150.000
Church rep.	"	Regalmuto	25.000
Acqueduct.	"	"	40.000
"	"	Milazzo	260.000
Bridge	"	Fondachel.	400.000
Hygienic works	"	"	99.217
City hall	"	Meri	300.000
Removal of debris	"	Barcellona	135.000
River edge reconstr.	"	Tacormina	38.143
Genio Civile	"	S. Lucia	226.000
Church rep.	"	"	130.000
Flood rep.	"	Patti	52.000
Hospital	"	Oliveri	155.000
Sea wall Libia	"	S. Agata	140.000
Oil pipe line rep.	"	"	500.000
Harbour rep.	"	"	500.000
Harbour walls rep.	"	"	500.000
Archive of the State	"	"	480.000
Buildg. Demolit.	"	"	468.000
Church Immacolata	"	"	66.000
	"	"	15.000

DESCRIPTION of work	LOCATION Province	Town	AMOUNT	REMARKS
Church rep.	Palermo	-	L. 255.000	
Electric station	"	-	23.000	
Removal of debris	"	-	25.000	
Bldg rep.	"	-	89.000	
Retaining wall	"	-	143.000	
Removal debris custom house Lupa	"	-	70.000	
Monastery rep.	"	-	135.000	
XIV century Bldg.	"	-	41.000	
Water studio	"	-	120.000	
Rep. in Ustica	"	Ustica	150.000	
Hospital Guadagna	"	Marineo	83.861	
Transport of material	"	Termini	2.300	
Harbour rep.	"	-	10.000	
Bldg. rep.	"	-	97.000	
Demolition and removal	"	-	79.000	
Rep. to a station	"	-	118.000	
Bridge rep.	"	Balestrate	4.000	
Province Bldg.	Regusa	-	25.000	
Light house	Syracusa	-	20.000	
Road rep.	"	Floridia	14.000	
Bldg. rep.	"	"	16.000	
Rep to a street.	"	"	70.000	
" Bldg.	"	-	82.000	
Tyres and tubes G.C.	"	-	122.500	
Bldg. Rep.	"	-	38.500	
I.C.I.S. Bldg.	"	-	18.000	
War damages rep.	"	Floridia	15.000	
Bldg. rep.	"	S. Antonio	13.000	
Bldg. rep.	"	-	21.000	
Church rep.	Trapani	-	200.000	
School rep.	"	Favignana	24.000	
Church rep.	"	-	41.000	
"	"	-	47.000	
Port Authorities Bld.	"	-	185.200	
Light house	"	Mazara	26.900	
		Tot.	10.932.854	

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Appendix B.
List of Projects approved and forwarded
during the month of Nov. costing more than 500.000

DESCRIPTION of Work	LOCATION Province	Town	AMOUNT	REMARKS
Project for rep.	Siracusa	Buscemi	L. 6.100.000	
"	Palermo	Camporeale	1.384.671	
War damages	Messina	Gallodoro	930.000	
Bridge reconstr.	"	Calemona	3.500.000	
War damages	Agrigento	Castroreale	520.000	
Road rep.	Trepani	Busecchio	1.300.000	
"	"	Castellam	2.760.000	
"	Palermo	Camporeale	1.820.000	
"	Trepani	"	1.050.000	
"	Palermo	Piana A.	1.200.000	
Ord. Maintenance	Catania	Alcantara	2.410.000	
Bridge reconstr.	Palermo	Termini	1.600.000	
Ord. Maintenance	Catania	Pietraro	1.460.000	
Bridge reconstr.	Siracusa	"	1.950.000	
Road rep.	Palermo	Sciera	1.860.000	
War damages	Trepani	Taormina	1.040.000	
Maritime	Messina	Nicosie	984.900	
War damages	Enna	Gaglieno	570.000	
"	"	"	680.000	
School Bldg.	Catania	"	4.000.000	
Veteran Depot	"	"	2.450.000	
Communal Bldg.	"	"	970.000	
Jail rep.	"	Randazzo	1.300.000	
Communal Bldg.	Palermo	"	600.000	
Veterinary Hosp.	Agrigento	"	600.000	
School Bldg.	Trepani	Camporeale	818.300	
"	Enna	Troina	600.000	
Communal Bldg.	Palermo	Cerda	910.000	
"	Trepani	Marsala	1.700.000	
School rep.	Messina	"	800.000	
"	Trepani	"	730.000	
War damages rep.	"	"	950.000	
"	Palermo	"	950.000	
Aqueduct rep	Messina	"	950.000	
"	"	"	11.500.000	
"	"	"	600.000	
"	"	"	950.000	
Firemen Bldg.	Catania	Passofico	1.300.000	
Bonification	Sicily	"	2.300.000	
"	Palermo	"	3.250.000	

War damages	Agirgento	Castroreale	520.000
Road rep.	Trapani	Busecchio	1.300.000
" "	"	Castellan	2.760.000
" "	Palermo	Camporeale	1.820.000
" "	Trapani	"	1.050.000
Ord. Maintenance	Palermo	Piana A.	1.200.000
Bridge reconstr.	Catania	Alcantara	2.410.000
Ord. Maintenance	Palermo	Termini	1.600.000
Bridge reconstr.	Catania	Pietraro	1.460.000
Road rep.	Siracusa	"	1.950.000
War damages	Palermo	Scifara	1.860.000
Maritime	Trapani	"	1.040.000
War damages	Messina	Taormina	984.900
" "	Enna	Nicosia	570.000
School Bldg.	"	Gagliano	680.000
Veteran Depot	Catania	"	4.000.000
Communal Bldg.	"	"	2.450.000
Jail rep.	"	Randazzo	970.000
Communal Bldg.	Palermo	"	1.300.000
Veterinary Hosp.	Agirgento	"	600.000
School Bldg.	Trapani	Camporeale	600.000
" "	Enna	Troina	818.309
Communal Bldg.	Palermo	Cerda	600.000
School rep.	Trapani	Mersala	910.000
" "	Messina	"	1.700.000
War damages rep.	Trapani	"	800.000
" "	Palermo	"	730.000
Aqueduct rep	Messina	"	950.000
" "	"	"	950.000
" "	"	"	950.000
Firemen Bldg.	Catania	"	11.500.000
Bonification	Sicily	"	600.000
" "	Palermo	Pessofico	950.000
" "	Trapani	"	1.300.000
		"	2.300.000
		"	3.250.000
		"	605.000
		Tot.	71.952.880

APPENDIX E.

TYPE OF WORK	EXPENSES FOR MONTH OF OCT. 1944
1. Bridges Road Resurf. Road Mainten.	35.066.127
2. Aqueducts and water supply.	90L.799
3. Malarial control.	1.124.975
4. Sewers.	530.938
5. Demolitions and removal of Debris.	4.706.300
6. Schools.	1.788.947
7. Hospitals.	762.000
8. Prisons and courts.	345.372
9. Buildings.	623.264
10. Bldg. occupied by Allies.	945.775
11. Maritime and light houses.	1.640.659
12. Arts and monuments.	146.980
13. State owned houses.	13.714.159
14. Gas plant Palermo.	-250.000
15. Electric Company.	
Total	<u>62.547.301</u>

PUBLIC WORKS

General.

1. Work of reconstruction in the cities and on the roads continues. Nothing spectacular is being done but a steady progress is being maintained.

Staff & Personnel

2. The Regional Engineering Officer is the only Officer of the P.W.A.U. Sub-Commission left on the island.

Inspection tours

3. Capt. Presdy E.A., Adjutant of the P.W.A.U. Sub-Commission visited this Region and he and the Regional Engineer made two tours of inspection during his visit.

Agrigento - Caltanissetta

a) The first tour was made in the provinces of Agrigento and Caltanissetta where a number of bridges on S.S.115 were seen. These jobs are not so far advanced as the works on S.S.113, but as the main Southern route (S.S.115) from Syracuse to Trepani was not considered a military highway, projects on this road delayed. Progress on these bridges is much more satisfactory than it was when the Regional Engineer visited that area about six weeks previously. Indeed there can be no reason why they should not be finished before the rainy season.

b) It is now possible to use the Capodarsa bridge on S.S.122 at 12.2 Kilometers east of Caltanissetta. This is a monumental bridge having been first constructed in the seventeenth century. An excellent job has been done. The Regional Engineer met Chief Engineer of the Genio Civile of Caltanissetta and the contractor on the site and expressed satisfaction with the very fine job they have done.

Messina - Catania

c) The trip to Messina was made by road over S.S.113. This highway during the Summer months was a veritable engineering site. In a length of 100 Km. there were 40 interruptions; which included 30 bridges demolished and 10 retaining walls blown. All the works on the highway which have not now been completed are in an advanced stage.

d) At Messina several jobs in progress were visited with Ing. Ghersi M.C. the Chief Engineer Messina. Works on the port for the M.O.I.C. were inspected and other jobs of repair to public buildings in the city. Capt. Presdy was showed how locks and furniture for doors and hardware for windows were being made on the site, and how boys were employed in making nails. It has always been the case here of improvi-

5. Capt. Preedy R.A., Adjutant of the P.W.S.U. Sub-Commission visited this Region and he and the Regional Engineer made two tours of inspection during his visit.

Agrigento - Caltanissetta

a) The first tour was made in the provinces of Agrigento and Caltanissetta where a number of bridges on S.S.113 were seen. These jobs are not so far advanced as the works on S.S.113, but as the main Southern route (S.S.115) from Syracuse to Trapani was not considered a military highway, projects on this road delayed. Progress on these bridges is much more satisfactory than it was when the Regional Engineer visited that area about six weeks previously. Indeed there can be no reason why they should not be finished before the rainy season.

b) It is now possible to use the Capodarsco bridge on S.S.122 at 12.2 kilometers east of Caltanissetta. This is a monumental bridge having been first constructed in the seventeenth century. An excellent job has been done. The Regional Engineer met Chief Engineer of the Genio Civile of Caltanissetta and the contractor on the site and expressed satisfaction with the very fine job they have done.

Messina - Catania

c) The trip to Messina was made by road over S.S.115. This highway during the Summer months was a veritable engineering site. In a length of 100 Km. there were 40 interruptions, which included 30 bridges demolished and 10 retaining walls blown. All the works on the highway which have not now been completed are in an advanced stage.

d) At Messina several jobs in progress were visited with Ing. Chersi M.C. the Chief Engineer Messina. Works on the port for the M.O.I.C. were inspected and other jobs of repair to public buildings in the city. Capt. Preedy was showed how locks and furniture for doors and hardware for windows were being made on the site, and how boys were employed in making nails. It has always been the case here of improvising and using what materials were at hand.

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e) This Region has never received any materials or transport from the mainland hence all the works carried out here have been done with materials and transport in the island. It has been the aim of the Regional Engineer always to inculcate the will to get ahead with the job and to endeavour to use all existing resources.

f) Capt. Preedy and the Regional Engineer visited the new Prefect of Messina Province who stressed the need for the continuation of the Public Works programme in Messina as a means of assisting in the solution of the employment problem in that Province.

g) At Catania problems with regard to works were discussed with the Engineers of the Genio Civile and the Province.

(2)

Military Highway.

4. Highways ceased to have military importance about the time that an officer was sent from P.S.A.U. Sub-Commission to supervise work on them. In support of this statement the writer submits that he ordered contracts to be made for about 200 jobs on military highways during the time that E. I. District was interested in the condition of the roads but during Major Gamble's tour of duty about 10 contracts were made...

a) About the middle of October 16 estimates for work of ordinary maintenance on military highways were forwarded to P.S.A.U. Sub-Commission for approval.

b) If it is the intention of P.S.A.U. Sub-Commission to hand over to the Provveditori alle Opere Pubbliche I think that in agreement with Chief Engineer N.3 District all roads in Sicily should be declared of no further military importance at present.

Other Highways.

5. Generally roads in Sicily are deteriorating somewhat due to lack of coal. This coal shortage means that asphalt and asphalt products cannot be transported from Ragusa mines because the railways are generally rationed for coal. Steam rolling cannot be done because contractors cannot obtain coal for rollers.

Public Works.

6. Lists of all works approved and attached as Appendix A, B, and C. Work proceeds slowly due to lack of material.

Electricity.1. Data regarding production

Production and maximum load for every Station from the 26. 9. to the 25.10.44.

WESTERN CENTRAL ZONE.

Alto Belice I°	Kwh	max	Kwh
" II°	1.016.108	"	6.000
S. Carlo	"	"	"
Favara	1.985.000	"	6.000
Poggioreana	268.500	"	1.000
Scillato	943.000	"	3.500
"	175.000	"	"
Palermo	185.100	"	3.500
Porto Empedocle	"	"	"
Trepani	1.543.540	"	3.750

b) If it is the intention of P.W.A.U. Sub-Commission to hand over to the Provveditore alle Opere Pubbliche I think that in agreement with Chief Engineer M. J. District all roads in Sicily should be declared of no further military importance at present.

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Electricity.

1. Data regarding production

Production and maximum load for every Station from the 26. 9. to the 25.10.44.

WESTERN CENTRAL ZONE.

Alto Belice 1°	Kwh 1.016.108	Kw "	max "	6.000
" " 11°	"	"	"	"
S. Carlo	" 1.985.000	"	"	6.000
Favara	" 268.500	"	"	1.000
Poggioreana	" 943.000	"	"	3.500
Scillato	" 172.000	"	"	"
Palermo	" 585.180	"	"	3.000
Porto Empedocle	" 1.542.540	"	"	2.750
Trapani	"	"	"	"

Total

Kwh 1.515.540

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EASTERN SICILY

Alcantara 1° 11°

Kwh 897.000	"	"	"	3.400
" 1.734.400	"	"	"	4.200
" 981.800	"	"	"	5.000
" 4.691.100	"	"	"	12.500

Total General total

Kwh 7.965.100

14.480.428

(3)

2. Graph of loading on the 6th. attached for information.

3. Estimated total production in the next three months.

	Hydraulic.	Thermal.	Total.
November 1944	6,500,000	8,200,000	14,550,000
December 1944	9,250,000	8,200,000	17,750,000
January 1944	11,500,000	6,500,000	18,000,000

NOTES.

The hydraulic estimates, have been made on the average of the last years taking into account that the lake of Piana dei Greci much below quota, could serve only for covering the peak evening load. The total estimate provides for a continuation of rationing.

4. Supplies.

a) Coal.

1) Consumption from the 26th. Sept. to the 25th. Oct.

	Imported	Sardinian.	Total
Palermo.	972	139	1,110
Porto Empedocle	88	2,284	2,372
Catania	1,152	6,879	8,031
Stock in hand on 25th. Oct.			

Palermo	1,842	1,519	3,361
Porto Empedocle	88	1,963	2,051
Catania	200	2,375	2,575

Estimated consumption for the next three months.

	November	December	January 1945
Palermo	Imported 1,850	1,850	1,200
	Sardinian 1,250	1,250	800
	Total 3,100	3,100	2,000
Port. Emp.	Imported 500	500	500
	Sardinian 2,000	2,000	2,000
	Total 2,500	2,500	2,500
Catania	Imported 2,500	2,500	22,000
	Sardo 6,000	6,000	4,600
	Total 8,500	8,500	6,600

In considering the quantities required for Nov. and Dec. copy of a letter from S.G.E.S. and attached as Appendix D. should be read. It would be appreciated if something could be done to assist. For Palermo, no Sardinian coal is required for November. It will therefore not be necessary to provide Sardinian coal, because existing stocks can be used.

4. Supplies.

a) Coal.

1) Consumption from the 26th. Sept. to the 25th. Oct.

	Imported	Sardinian.	Total
Palermo.			
Porto Empedocle	971	139	1.110
Catania	88	2.284	2.372
Stock in hand on 25th. Oct.	1.152	6.879	8.031

Palermo	1.842	1.519	3.361
Porto Empedocle	88	1.963	2.051
Catania	200	2.375	2.575

Estimated consumption for the next three months.

	November	December	January 1945
Palermo			
Imported	1.850	1.850	1.200
Sardinian	1.250	1.250	800
Total	3.100	3.100	2.000
Port. Emp.			
Imported	500	500	500
Sardinian	2.000	2.000	2.000
Total	2.500	2.500	2.500
Catania			
Imported	2.500	2.500	22000
Sardo	6.000	6.000	4.600
Total	8.500	8.500	6.600

In considering the quantities required for Nov. and Dec. copy of a letter from S.G.E.S. and attached as Appendix D. should be read. It would be appreciated if something could be done to assist. For Palermo, no Sardinian coal is required for November. It will therefore not be necessary to provide Sardinian coal, because existing stocks can be used.

b) NAPHTHA

No consumption of Naphtha in the Stations of Trapani, Racalmuto and Agrigento.

A quantity of 10 Tons for Trapani is still required.

It is absolutely necessary to send to Port Empedocle 12 Tons of naphthe which will serve for lighting the coal dust boiler.

c) MATERIAL REQUIRED.

Serious embarrassment is being caused owing to the lack of many materials included in the list forwarded to A.C. at different times and finally in May 44 and also requested in a letter of the S.G.E.S. N.3569 dated 17 9 44. and in preceding monthly reports.

(4)

d) AVAILABILITY OF WATER on the 25 Oct.

Alto Belice (Piana)	mc.	5,592,000
Castellina	"	198,000
Prizzi	"	370,000

5. REMARKS ON THE REPAIRS IN COURSE.

Palermo- The dust coal boiler is ready.

Porto Sperdella- In consequence of storms during these last days the short circuit lines have suffered many shocks which have caused an increase of vibrations in the plant.

Catania- The repair to the rotor has been finished and at the same time repairs have been carried out on the condenser tubes.

The plant is now ready to function.

Public Utilities.

Waterworks.

1. With the commencement of the rainy season no difficulty presents itself with regard to water supply.

Gas.

2. Owing to coal shortage no gas is being made.

Tramways.

3. Tramways are functioning as before in Palermo, Catania and Trapani.

Materials.

4. As stated elsewhere in the report materials exist but the difficulty is transport.

Transport.

5. There is an acute shortage of both road & rail transport and unless the position improves work will have to be reduced. The means of transport exist but coal and petrol are lacking.

Fuels.

6. An insufficient allotment of coal and petrol is hindering work.

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Generally.

7. With the means at disposal work is being carried out efficiently. A list of above events on Public works during the month of Oct.

time repairs have been carried out on the condenser tubes.
The plant is now ready to function.

Public Utilities.

Waterworks.

1. With the commencement of the rainy season no difficulty presents itself with regard to water supply.

Gas.

2. Owing to coal shortage no gas is being made.

Tramways.

3. Tramways are functioning as before in Palermo, Catania and Trapani.

Materials.

4. As stated elsewhere in the report materials exist but the difficulty is transport.

Transport.

5. There is an acute shortage of both road & rail transport and unless the position improves work will have to be reduced. The means of transport exist but coal and petrol are lacking.

Fuels.

6. An insufficient allotment of coal and petrol is hindering work.

Generally.

7. With the means of disposal work is being carried out efficiently.
A list of sums spent on Public works during the month of Sept. is attached as Appendix B.

David A. Boyd
DAVID A. BOYD
Major R.E.
Regional Engineer.

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(Appendix "A")

LIST OF PROJECTS APPROVED IN THE BUDGETARY
DURING THE MONTH OF OCTOBER.

N.	DESCRIPTION of Work	LOCATION		TOWN	AMOUNT	REMARKS
		Province				
1	Maritime Station	Agrianto		Sciacca	154.000	
2	Genio Civile	"		"	105.000	
3	Customs House	"		Licata	120.000	
4	Removal debris	"		Menfi	90.000	
5	State Bldg rep.	"		Licata	137.000	
6	Landslide rep.	"		Agrianto	190.000	
7	Harbour repair	"		Porto Empedocle	25.000	
8	"	"		Sciacca	24.000	
9	"	"		Licata	24.000	
10	Landslide in the road	"		"	200.000	
11	Repair at the naval workshop	"		Porto Empedocle	115.000	
12	Port Bldg	"		"	40.000	
13	School rep.	Caltanissetta		Caltanissetta	200.000	
14	Road maintenance	"		Milano	400.000	
15	Tyres for a car	"		"	60.000	
16	Church repair	Caltanissetta		Caltanissetta	40.000	
17	Street repair	Catania		Catania	167.000	
18	Maint. in the Observatory	"		"	95.000	
19	Harbour rep.	"		"	94.254	
20	Road maint.	"		Aci.	145.000	
21	School repairs	Palermo		Palermo	67.000	
22	Slaughter house rep.	Catania		Catania	104.000	
23	City hall rep.	"		Mascali	70.000	
24	Chuteyard "	"		Piumefreddo	11.000	
25	Light house rep.	"		Sciacca	175.000	
26	Court	"		Adrano	470.000	
27	State Bldg	"		Adriano	1.160.700	
28	Ignition office	"		Catania	450.000	
29	School Bldg	"		"	220.000	
30	State Bldg	"		"	127.000	
31	City hall	"		"	210.000	
32	"	"		Mascali	340.000	
33	Bridge reconstr.	S.B. 114 Km. 42		Adriano	406.000	
34	Provincial road	Catania		Adriano	49.296	
35	School Bldg	"		Adriano	84.000	
36	Church	"		Adriano	2.840	
37	Bridge "Scurve"	"		Treina	335.610	
38	Orphanage	"		Raccourone	150.000	
39	Bridge Mascali	"		Agira		
40	"	"		Raccourone		

10	Landslide in the road	"	"	200.000
11	Repair at the naval workshop	"	Porto Empedocle	115.000
12	Port Bldg	"	"	40.000
13	School rep.	Caltanissetta	Caltanissetta	700.000
14	Road maintenance	"	Milena	400.000
15	Tyres for a car	"	"	60.000
16	Church repair	Caltanissetta	Caltanissetta	40.000
17	Street repair	Catania	Catania	167.000
18	Paint. in the Observatory	"	"	95.000
19	Harbour rep.	"	"	54.254
20	Road maint.	"	Aci.	145.000
21	School repairs	Palermo	Palermo	63.000
22	Slaughter house rep.	Catania	Catania	104.000
23	City hall rep.	"	Mascali	70.000
24	Butchery	"	Vinmeffredo	11.000
25	Light house rep.	"	Sciacca	170.000
26	Court	"	Adrano	470.000
27	State Bldg	"	Aciressale	1.160.700
28	Igiene office	"	Catania	450.000
29	School Bldg	"	"	220.000
30	State Bldg	"	"	127.000
31	City hall	"	Mascali	110.000
32	"	"	Adrano	340.000
33	Bridge reconstr.	S.S. 114 Km. 41	Aciressale	406.000
34	Provincial road	Catania	Miposto	49.206
35	School Bldg	"	Maleto	84.000
36	Church	Pana	Pana	2.840
37	Bridge "Searre"	"	Troina	385.510
38	Orphanage	"	Immacolata	150.000
39	Bridge Pancealla	"	Agira	448.000
40	Hospital	"	Nicopoli	570.000
41	Removal of debris in the harbour	"	Cerami	372.000
42	Street repair	Messina	Messina	400.000
43	Jails rep.	"	"	120.000
44	Retaining walls rep.	"	"	215.000
45	Military Barracks	"	"	482.000
46	I.S.C.I.S. Bldg	"	"	360.624
47	"	"	"	433.351
48	Bridge Licandro	"	"	55.000
49	Acqueduct rep.	"	Casaro	279.000
				15.206.072

DESCRIPTION of WORK	LOCATION		AMOUNT	REMARKS
	Province	Town		
50 State Bldg	Messina	Messina	62.000	
51 Servers rep.	"	"	200.000	
52 Acqueduct	"	"	250.000	
53 Harbour rep.	"	Lipari	225.000	
54 Acqueduct	"	Barcellona.	132.000	
55 Light house	"	Milazzo	50.000	
56 "	"	Capo D'Or.	45.000	
57 Communal Bldg	"	S. Fratello	420.000	
58 Religious Bldg	"	Palermo	400.000	
59 Damaged Bldg	"	Novara	240.000	
60 Church Martor.	Palermo	Palermo	70.000	
61 Road rep.	"	Carini	450.000	
62 Igienne Bldg	"	Palermo	25.000	
63 Demolition of a Bldg	Palermo	Palermo	47.000	
64 Lamps for the Post Bldg	"	"	150.000	
65 Church repair	"	"	30.000	
66 Bridge Forgitello	Trapani	Belestrat.	40.000	
67 Church S. Maria	Palermo	Palermo	160.000	
68 " Consolations	"	"	200.000	
69 Public library	"	"	140.000	
70 School Bldg	"	"	250.000	
71 Astronomic Observatory	"	"	250.000	
72 Electric station	"	"	120.000	
73 Light house	"	Ustica	140.000	
74 Bldg rep.	"	Palermo	33.300	
75 Post Office rep.	"	"	490.000	
76 Bldg demolition	"	"	8.000	
77 Church repair	"	"	90.000	
78 Bldg rep.	"	"	123.000	
79 Repair to the Royal Palace	"	"	260.000	
80 Church Genoin	"	"	70.000	
81 CO. P. Bldg rep.	"	"	14.000	
82 Hospital B. Povera	"	"	120.000	
83 School Bldg	"	"	294.000	
84 Projects paper	"	"	20.000	
85 National library	"	"	40.000	
86 Demolit of the railway station	Reggio	Vittoria	300.000	
87 Telephonic societ rep.	Siracusa	Siracusa	6.600	

6834

6837

61	Road rep.	"	Carini	450.000
62	Igiene Bldg	"	Palermo	25.000
63	Demolition of a Bldg	Palermo	Palermo	47.000
64	Lamps for the Post Bldg	"	"	150.000
65	Church repair	"	"	30.000
66	Bridge Forgitello	Trapani	Balestrat.	40.000
67	Church S. Maria	Palermo	Palermo	150.000
68	" Consolazione	"	"	200.000
69	Public library	"	"	140.000
70	School Bldg	"	"	250.000
71	Astronomic Observatory	"	"	250.000
72	Electric station	"	"	120.000
73	Light house	"	Ustica	140.000
74	Bldg rep.	"	Palermo	33.000
75	Post Office rep.	"	"	400.000
76	Bldg demolition	"	"	8.000
77	Church repair	"	"	90.000
78	Bldg rep.	"	"	125.000
79	Repair to the Royal Palace	"	"	250.000
80	Church Gancia	"	"	70.000
81	CO. PP. Bldg rep.	"	"	14.000
82	Hospital R. Povers	"	"	120.000
83	School Bldg	"	"	294.000
84	Projects paper	"	"	20.000
85	National library	"	"	42.000
86	Demolit of the railway station	"	"	300.000
87	Telephonic societ rep.	Reggio	Vittoria	300.000
88	Cathedral	Siracusa	Siracusa	8.600
89	Light house	"	Augusta	300.000
90	" Marzemmi	"	Cozzo Spad.	100.000
91	" S. Croce	"	"	70.000
92	Removal of debris	Siracusa	Augusta	55.000
93	School rep.	"	"	15.300
94	State Bldg	"	"	100.000
95	Church Carmine	Trapani	Siracusa	90.000
96	" Itria	"	Trapani	73.000
97	Road rep.	"	Mazara	85.000
				150.000
				17205.279

N.	DESCRIPTION of work	Location Province	Town	AMOUNT	REMARKS
98	R. Carabinieri Barak	Trapani	Messara	60.000	
99	Road	"	Brice	270.000	
100	Post Office	"	Trapani	230.000	
101	Church S. Nicolo	"	"	220.000	
102	S. Francesco	"	"	210.000	
				18.195,279	

6837

Appendix P

List of Projects between 500,000 and 1,000,000 approved by the Regional Engineer and submitted by the Provveditorato OO.PP. to the Ministry LL.PP during the month of October.

Description of Work	Province	Location Town	Amount	Remarks
1. Road repair	Palermo	Alia	L. 940.000	
2. Bridges reconstruction.	Catania	Caltag.	860.000	
3. Road repair	Messina	Messina	750.000	
4. Connal road	Agrigento	Sciacca	700.000	
5. Road repair	"	Raffadell	880.000	
6. Street rep.	Messina	Messina	999.375	
7. Retaining Walls repair	Agrigento	P. Raped.	968.000	
8. Repair to a road.	Agrigento	Sciacca	790.000	
9. S.S. 116 Bridge Belladonna	"	"	630.000	
10. Bridge S. Cataldo	Messina	Giardini	780.000	
11. Road repair	Palermo	Altofonte	880.000	
12. Road repair	Messina	C. Gallo	470.000	
13. By pass on the Simeto river	Catania	Barca di Biancavilla	998.000	
14. By pass on the Simeto river	"	Barca di Paternò.	996.000	
15. Milazzo Harbour	Messina	Milazzo	1.000.000	6837

6832

struction.	Catania	Caltag.	860.000
3. Road repair	Messina	Messina	750.000
4. Connal road	Agrirento	Sciacca	700.000
5. Road repair	"	Raffadali	880.000
6. Street rep.	Messina	Messina	999.375
7. Retaining Walls repair	Agrirento	P. Emped.	968.000
8. Repair to a road.	Agrirento	Sciacca	790.000
9. S.S. 116 Bridge Belladonna	"	"	630.000
10. Bridge S. Catelido	Messina	Gisardini	780.000
11. Road repair	Palermo	Altofonte	880.000
12. Road repair	Messina	C. Gallo	470.000
13. By pass on the Simeto river	Catania	Barca di Diancivill la Barca di Paternò.	998.000
14. By pass on the Simeto river	"		996.000
15. Milazzo Harbour	Messina	Milazzo	1.000.000
16. Lipari "	"	Lipari	600.000
17. P. Empedocle harbour	Agrirento	P. Empedocle	975.000
18. Finance Bldg	Messina	Messina	996.000
19. School Bldg	Agrirento	Piazza Armerina	900.000
			<u>16112.375</u>

Description of Work	Location Province	Town	Amount	Remarks
20. Bonification	Maeina	-	995.000	
21. Bonification	Dana	-	518.000	
			<u>17645.375</u>	

6837

6831

518.000

17645.375

Rate

21. Bonification

Appendix C.

List of projects approved by the Regional Engineer and submitted by the Provveditori to the Ministry LL.PP. during the month of October.

Description of work	Location		Amount	Remarks
	Province	Town		
Street rep.	Messina	Messina	L. 1.800.000	
"	"	"	327.000	
Bridges recon.	"	Patti	3.200.000	
"	"	Novara	2.700.000	
Prefect Palace	"	-	988.506	
"	"	-	1.414.200	
Sewers repairs	"	-	4.730.000	
School Bldg.	Catania	-	4.000.000	
Buildings xp.	Messina	-	1.500.000	
Welfare bldg.	"	-	1.800.000	
Acqueduct rep.	"	-	1.700.000	
"	Agrianto	Danicoatti	520.000	
Bonification	Caltanissetta	Gela	6,712.000	
Antimalarial Campaign	Messina	-	6.000.000	
			<u>37.391.706</u>	

Bridges recon.	"	Patti	3,200.000
"	"	Sovera	2,700.000
Prefect Palace	"	-	988.506
"	"	-	1,414.200
Sewers repairs	"	-	4,730.000
School Bldg.	Catania	-	4,000.000
Buildings rp.	Messina	-	1,500.000
Welfare bldg.	"	-	1,800.000
Aqueduct rep.	"	-	1,700.000
"	Agrianto	Canicoattl	320.000
Bonification	Caltanissetta	Gela	6,712.000
Antismalarial Campaign	Messina	-	6,000.000
			<u>37,391,706</u>

6830

MEMORANDUM

APPENDIX D.

A.C. - TUGAT Division - Palermo.

COAL

1. Further to our letter dated 17 Sept. R. 1997.
In this letter we pointed out that our requirements of coal to continue the present rationing were -

Palermo	Imported	Sardinian
Ortania	1.850	1.250
P. Kapedocole	2.450	4.900
	500	2.000

2. And as we have stated the quality of imported coal furnished to us should always be suitable for our furnaces.
We have been informed that the allotment for us is as follows:

Palermo	Imported	Sardinian
Ortania	1.200	1.800
P. Kapedocole	2.000	4.000
	500	2.000

With these quantities we shall not be able to maintain the present rationing and we shall have to decide upon further reductions which by reason of necessity will include also essential users, this causes us serious preoccupation.

3. With regard to the coal which has been furnished from Africa, it has caused inconvenience of which we have written in our letter 3595 dated 14 September 44.

If in the months to follow the quality should remain the same it will be necessary for our demands to be increased, taking into account the increased consumption occasioned by using such coal. We understand on the other hand that A.C. has difficulties in furnishing better quality of imported coal. We ask however that there be given an increase in the assignments of Sardinian coal which we shall endeavor to use at Ortania.

4. It should be noted that at Porto Empedocle we can burn Sardinian coal only in one boiler which boiler has to tear all the work of the Station. If this boiler should break down the other two in which Sardinian coal cannot be used can function for six days, after which time the Station will be closed.

6829

2. And as we have stated the quality of imported coal furnished to us should always be suitable for our furnaces. We have been informed that the allotment for us is as follows:

Palermo	Imported	Sardinian
Catania	1,250	1,500
P. Mesodora	2,000	4,000
	500	2,000

With these quantities we shall not be able to maintain the present rationing and we shall have to decide upon further reductions which by reason of necessity will include also essential needs, this means a serious preoccupation.

3. With regard to the coal which has been furnished from Africa, it has caused inconvenience of which we have written in our letter 1995 dated 14 September 44.

If in the months to follow the quality should remain the same it will be necessary for our demands to be increased, taking into account the increased consumption occasioned by using such coal. We understand on the other hand that A.C. has difficulties in furnishing better quality of imported coal. We ask however that there be given an increase in the assignments of Sardinian coal which we shall endeavour to use at Catania.

4. It should be noted that at Porto Empedocle we can burn Sardinian coal only in one boiler which boiler has to bear all the work of the station. If this boiler should break down the other two in which Sardinian coal cannot be used can function for six days, after which time the station will be closed.

6829

5. To sum up:

a. It will be necessary to modify for Oct, Nov, and Dec, the allotments as follows:

Palermo	Imported	Sardinian
Catania	1,250	1,250
P. Mesodora	2,500	5,000
	500	2,000

b. To avoid 1,000 tons of imported coal to serve exclusively in cases of emergency so that the closing down of the station be avoided at a time already so difficult.

APPROXIMATELY 100,000 TONS OF COAL

is less important too, as we are able to get the imported coal already assigned to us by the U.S. and Puerto Rico. These figures are almost without cost.

As to the dispatch to Cuba of 1,000 tons of American coal, this is for Palermo, because of the fact that it is not of much use, while in Cuba it could be put to better use immediately.

COAL IN THE UNITED STATES

100,000 TONS

"APPENDIX B"

TYPE OF WORK	EXPENSES FOR MONTH OF SEPT. 1944
1. Bridges Road Resurf. Road Maintenance	14.628.343
2. Aqueducts and water supply.	8.496.981
3. Malarial Control.	2.031.594
4. Sewers	2.056.764
5. Demolitions and removal of Debris.	5.514.367
6. Schools.	3.359.814
7. Hospitals.	439.230
8. Prisons and Courts.	1.237.753
9. Bldg.	2.635.405
10. Bldg.occupied by Allies.	8.154
11. Maritime and Light Houses.	554.297
12. Arts and Monuments.	1.941.672
13. State owned houses.	11.754.792
14. Gas plant Palermo.	- - -
15. Electric Company.	<u>250.000</u>
Total	55.010.121

6828

General

- (a) ~~The~~ Work of reconstruction in the cities and on the roads continues. Nothing spectacular is being done but a steady progress is being maintained.

Staff & Personnel

- (b) ~~The~~ The Regional Engineering ~~Commission~~ is the only Officer of the P.S.S.U. Sub-Commission left on the island.

Inspection tours

- (c) ~~The~~ Capt. ^AFreedy R.A., ~~Inspector~~ of the P.S.S.U. Sub-Commission, visited this Region ~~He~~ and the Regional Engineer made two tours of inspection during his visit.

Agrigento - Caltanissetta

- (d) The first tour was made in the provinces of Agrigento and Caltanissetta where a number of bridges on S.S. 115 were seen. These jobs are not so far advanced as the works on S.S. 117, but as the main South-east route (S.S. 115) from Syracuse to Trapani was not considered a military highway, projects on this road ~~have been~~ delayed. Progress on these bridges has been more satisfactory ~~than on the other routes~~ and there is no reason ~~that work on these roads should be delayed~~ before the rainy season.

- (e) It is now possible to use the Capodereo bridge on S.S. 122. ~~It has been found that the bridge is in a very poor state of repair and that it is not possible to use it at present.~~ This was a monumental bridge, having been first constructed in the seventeenth century. An excellent job has been done. The Regional Engineer met Chief Engineer of the basic circle of Caltanissetta and the contractor on the site and expressed satisfaction with the way ~~the~~ ^{the} job they have done.

Messina - Catania

- (f) The trip to Messina was made by road over S.S. 113. This highway during the summer months was a veritable engineering site. In a length of 100 Km. there were 40 interruptions ~~including 30~~ ^{demolished bridges}. All the works on this highway ~~have been~~ ^{are not yet} completed are in an advanced stage. ~~including works on the bridge at the port for the S.O.I.C. and the Chief Engineer's office.~~

- (g) At Messina several jobs in progress were visited, ~~including works on the bridge at the port for the S.O.I.C. and the Chief Engineer's office.~~ ^{including works on the bridge at the port for the S.O.I.C. and the Chief Engineer's office.} ~~repairs to public buildings in the city. Capt. Freedy was shown how~~ ^{looks and furniture for doors, and hardware for windows, were being made on the site, and boys were employed in making nails.} ~~It has been found that the work on the bridge at the port for the S.O.I.C. and the Chief Engineer's office is not yet completed.~~

~~Liquid nitrogen was used at -78°C.~~

~~and Mrs. G. is no reason~~

~~and interaction with the new state to try to bring~~

~~Planned for 1944 - 1945~~

including works

~~SECRET~~

Local resources. 1 1

in *publis*

(1) ~~As Consulting Engineers~~
the Engineers of the Genio. Civile. ~~and the Engineers~~

b) If it is the intention of P. S. N. Job-Commission to hand over to the Presseditore also Opere Pubbliche I think that in agreement with the Presseditore all roads in Sicily should be legio- red of no further military importance at present.

in Sicily
 Generally roads in Sicily are deteriorating somewhat due to lack of coal. This coal shortage means that asphalt and asphalt products cannot be transported from Ragusa since because the railways are generally rationed for fuel. Stone rolling cannot be done because contractors cannot obtain coal for rollers.

Public Works.

6. Lists of all works approved and attached in Appendix A, B, and C. Work proceeds slowly due to lack of material.

Electricity.

1. Data regarding production

Production and maximum load for every Station from the 26. 9. to the 25.10.44.

GENERAL SUMMARY 2001.

Alto Solice 1° " 11°	26. 9.	27. 9.	28. 9.	29. 9.	30. 9.	1. 10.	2. 10.	3. 10.	4. 10.	5. 10.	6. 10.	7. 10.	8. 10.	9. 10.	10. 10.	11. 10.	12. 10.	13. 10.	14. 10.	15. 10.	16. 10.	17. 10.	18. 10.	19. 10.	20. 10.	21. 10.	22. 10.	23. 10.	24. 10.	25. 10.	
3.000	1.016.100	1.963.000	261.300	343.100	145.000	583.100	1.542.140	3.000	1.000	3.500	3.000	2.750	3.400	4.100	5.000	12.500															
Reverso																															
Trigodianna																															
Sollate																															
Palermo																															
Porto Sapezzola																															
Trapani																															
Total																															
Alcantara 1° 11°																															
Casale																															
Catania																															
Total General total																															

6826

(3)

2. Graph of loading on the 6th. attached for information.

3. Estimated total production in the next three months.

	Hydraulic.	Permal.	Total.
November 1944	6,500.000	8,200.000	14,650.000
December 1944	9,250.000	8,200.000	17,750.000
January 1944	11,500.000	6,500.000	18,000.000

NOTE.

The hydraulic estimates, have been made on the average of the last years taking into account that the lake of Piana dei Greci much below quota, could serve only for covering the peak evening load. The total estimate provides for a continuation of rationing.

4. Supplies.

a) Coal.

1) Consumption from the 26th. Sept. to the 25th. Oct.

	Imported	Sardinian.	Total
Palermo.	971	139	1,110
Porto Empedocle	88	2,284	2,372
Catania	1,152	6,879	8,031
Stock in hand on 25th. Oct.			

Palermo	1,842	1,519	3,361
Porto Empedocle	88	1,963	2,051
Catania	200	2,375	2,575

Estimated consumption for the next three months.

	November	December	January 1945
Palermo	Imported 1,850	1,850	1,200
	Sardinian 1,250	1,250	800
	Total 3,100	3,100	2,000
Port. Emp.	Imported 500	500	500
	Sardinian 2,000	2,000	2,000
	Total 2,500	2,500	2,500
Catania	Imported 2,500	2,500	2,000
	Sardo 6,000	6,000	4,500
	Total 8,500	8,500	6,500

6825

In considering the quantities required for Nov. and Dec. copy of letter from S.M.E.S. and attached as Appendix B. should be read. It would be appreciated if something could be done to assist. For Palermo no Sardinian coal is required for November. It will therefore not be

4. Supplies.

a) Coal.

1) Consumption from the 26th. Sept. to the 25th. Oct.

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Stock in hand on 25th. Oct.			
Palermo	1.842	1.519	3.361
Porto Empedocle	88	1.963	2.051
Catania	200	2.375	2.575

Estimated consumption for the next three months.

	November	December	January 1945
Palermo	Imported Sardinian Total	1.850 1.250 3.100	1.200 800 2.000
Port. Sup.	Imported Sardinian Total	500 2.000 2.500	500 2.000 2.500
Catania	Imported Sardo Total	2.500 6.000 8.500	22000 4.600 5.800

In considering the quantities required for Nov. and Dec. copy of letter from S.S.E.S. and attached as Appendix B. should be read. It would be appreciated if something could be done to assist. For Palermo no Sardinian coal is required for November. It will therefore not be necessary to provide Sardinian coal, because existing stocks can be used.

b) NAPHTHA

No consumption of Naphtha in the Stations of Trapani, Macalimato and Agrigento.

A quantity of 10 tons for Trapani is still required.

It is absolutely necessary to send to Port Empedocle 12 tons of naphtha which will serve for lighting the coal dust boiler.

c) MATERIAL REQUIRED.

Serious embargement is being caused owing to the lack of many materials included in the list forwarded to A.C. at different times and finally in May 44 and also requested in a letter of the S.S.E.S. N. 3569 dated 17 9 44 and in preceding monthly reports.

6825

(4)

4) AVAILABILITY OF WATER ON THE 25 Oct.

Al. Belice (Piana)	mc.	5,592,000
Sanctus	"	199,000
Primi	"	350,000

5. REMARKS ON THE REPAIRS IN COURSE.

Palermo- The cut coal boiler is ready.
Porto Sepedocia- In consequence of storms during these last days the short circuit lines have suffered many shocks which have caused an increase of vibrations in the plant.

Catania- The repair to the rotor has been finished and at the same time repairs have been carried out on the condenser tubes.

The plant is now ready to function.

Public Utilities.Waterworks.

1. With the commencement of the rainy season no difficulty presents itself with regard to water supply.

Gas.

2. Owing to coal shortage no gas is being made.

Tramways.

3. Tramways are functioning as before in Palermo, Catania and Trapani.

Materials.

4. As stated elsewhere in the report materials exist but the difficulty is transport.

Transport.

5. There is an acute shortage of both road & rail transport and unless the position improves work will have to be reduced. The means of transport exist but coal and petrol are lacking.

Fuels.

6. An insufficient allotment of coal and petrol is hindering work.

6827

Generally.

7. With the means of transport work is being carried out efficiently. A list of cases dealt on public works during the month of Sept.

Public Utilities.

Waterworks.

1. With the commencement of the rainy season no difficulty presents itself with regard to water supply.

Gas.

2. Owing to coal shortage no gas is being made.

Tramways.

3. Tramways are functioning as before in Palermo, Catania and Trepani.

Materials.

4. As stated elsewhere in the report materials exist but the difficulty is transport.

Transport.

5. There is an acute shortage of both road & rail transport and unless the position improves work will have to be reduced. The means of transport exist but coal and petrol are lacking.

Fuels.

6. An insufficient allotment of coal and petrol is hindering work.

Generally.

7. With the means at disposal work is being carried out efficiently. A list of sums spent on Public works during the month of Sept. is attached as Appendix E.

David A. Boyd
DAVID A. BOYD

Major R.E.
Regional Engineer.

6824

TRANSMISSION

APPENDIX D.

A.C. - SCOTLAND Division - Palermo.

COAL

1. Further to our letter dated 17 Sept. 3. 1997. In this letter we pointed out that our requirements of coal to continue the present rationing were: -

	Imported	Sardinian
Palermo	1.850	1.250
Catania	2.450	4.500
P. Rapedocle	500	2.000

2. And as we have stated the quality of imported coal furnished to us should always be suitable for our furnaces. We have been informed that the allotment for us is as follows:

	Imported	Sardinian
Palermo	1.200	1.800
Catania	2.000	4.500
P. Rapedocle	500	2.000

With these quantities we shall not be able to maintain the present rationing and we shall have to decide upon further reductions which by reason of necessity will include also essential users, this causes us serious preoccupation.

3. With regard to the coal which has been furnished from Africa, it has caused inconvenience of which we have written in our letter 3595 dated 14 September 44.

If in the months to follow the quality should remain the same it will be necessary for our demands to be increased, taking into account the increased consumption occasioned by using such coal. We understand on the other hand that A.C. has difficulties in furnishing better quality of imported coal. We ask however that there be given an increase in the assignments of Sardinian coal which we shall endeavour to use at Catania.

4. It should be noted that at Porto Empedocle we can burn Sardinian coal only in one boiler which boiler has to heat all the work of the Station. If this boiler should break down the other two in which Sardinian coal cannot be used can function for six days after which time the Station will be closed.

6823

We should always be suitable for our finances.
We have been informed that the allotment for us is as follows:

Porto	Imported	Cardinal
Catania	1.250	1.500
P. Bay of Sicily	2.000	4.000
	500	2.000

With these conditions we shall not be able to maintain the present situation and we shall have to decide upon further reductions which by reason of necessity will include also essential items, this causes an obvious preoccupation.

1. With regard to the coal which has been furnished from Africa, it has caused inconvenience of which we have written in our letter 3555 dated 14 September 44.

If in the months to follow the quality should remain the same it will be necessary for our demands to be increased, taking into account the increased consumption occasioned by using such coal. We understand on the other hand that A.C. has difficulties in furnishing better quality of imported coal. We are however that there be given an increase in the requirements of Cardinal coal which we shall endeavour to use at Catania.

4. It should be noted that at Porto Sperdino we can burn Cardinal coal only in one boiler which boiler has to bear all the work of the Station. If this boiler should break down the other two in which Cardinal coal cannot be used can function for six days, after which time the Station will be closed.

5. To sum up:

a. It will be necessary to modify for Oct, Nov, and Dec, the allotments as follows

Porto	Imported	Cardinal
Catania	1.250	2.250
P. Bay of Sicily	2.500	6.000
	500	2.000

b. To hold 1.000 tons of imported coal is more expensive in case of emergency so that the closing down of the Station be avoided at a time already so difficult.

6823

" APPENDIX B should "

is. It is important too, as soon as possible we ask that imported coal already assigned to us be sent to Catania and Porto Cervo. decide because these two stations are almost without coal.

2. It is dispatched to Catania 1,800 tons of cardinal coal allotted for Palermo, because at Palermo at present it is not of much use, while in Catania it could be put to better use immediately.

Trusting in your assistance

Yours S.G.B.d.

6822

9 SEP Recd 147 (C.I.P. 40)

ALLIED CONTROL COMMISSION
SICILY REGION HQ.

APO 394

28 August 1944

In reply
refer to: RFC 319.1

Subject: Monthly Report, Public Works

To : Public Works and Utilities Sub - Commission
Headquarters, Allied Control Commission
APO 394 U.S. Army.*Region 1, Regional Engineer, Major Boyd RE*
General.

10/11 *Not done*

1. That which has become apparent during the past month is the diminution in importance of the Region from a military point of view. The departures of No 1 District and I.B.S. confirm this. Nevertheless there are still the Ports of Palermo, Messina & Augusta, being used extensively by the Allied Navies. In fact a letter has been received from I.B.S. of Messina, soliciting numerous works of repair in the harbours. This reduction in importance from a military point of view has been rapidly followed by a withdrawal of ACC engineering officers from Sicily, which subject will be dealt with under the next paragraph.

Staff & Personnel.

2. Last month this Region reported the withdrawal of Lieut. Hodges from Sicily. This transfer has been followed by the departure of Lt. Col. Bolick, Major Gamble and Major Crowther, ~~this and~~ leaves the Chief Public Works Officer as the only engineering officer of A.C.C. on the island. It follows that the work of the remaining officer has been increased considerably. In order to ease this heavy burden of work it will be necessary to employ civilian engineers. As the terms of engagement are so indefinite it is really difficult to find suitable men. There are few good engineers willing to take on a job even at 300 lire per day, when there is no guarantee that they will be employed for even one month. It might be possible to find youths leaving University who would be glad of anything, but what is wanted for this job are well-qualified men with drive and energy, who must be strictly honest; not an easy thing to find in Sicily.

Tours of Inspection.

The Public Works Officer made a tour of inspection in the

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Tours of Inspection.

3. The Public Works Officer made a tour of inspection in the Province of Agrigento, with Comm. Guggino, Ispettore del Genio Civile. Works of particular interest were bridges on the S.S. 115. There are four bridges to be reconstructed on the road between Agrigento and Castelvetrano.

a. The bridge over the Canne near Siculiana at Km. 166. There is a good temporary bridge of gabion piers, and abutments and it will be able to withstand the winter floods. The progress of reconstruction of the new bridge is very disappointing. If the work is not pushed on, ~~rapidly~~ it will not be finished before the rainy season.

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(2)

b. Bridge over the torrent S. Calogero Km.120

There is a very good temporary bridge constructed by the military. ~~The~~ Contractors are working on the new bridge, which is also behind time.

c. Bridge in the vicinity of Porcospino at Km.131.20

This bridge has been seriously damaged by a landslide, and it will have to be demolished and another ~~bridge~~ built instead.

d. Bridge over the Belice.

It was necessary to entrust the work to another contractor as the first contractor was not moving fast enough. The work is now moving faster and will probably be completed before the wet season. There is a temporary bridge which will serve during the autumn. Three provincial bridges were also inspected, and progress was good.

4. A very large landslide which occurred in the North East side of Agrigento was inspected. There was a ~~large~~ section of very heavy retaining wall completely demolished, and a number of buildings were in grave danger of collapse. [Test work is being carried out to ascertain the exact cause of the landslide.]

5. War damages were inspected in the following towns: Agrigento, Porto Empedocle, Sciacca. The Public Works Officer asked the engineer of the Genio Civile to prepare estimates for all works of demolition, and removal of debris.

6. A second tour of inspection was made with Major Hyland to the Islands of Ustica, Favignana and Lipari. [The writer does not propose to go into detail, as Major Hyland has covered this tour in his report. The writer would like to put on record the every excellent cooperation of the Italian Navy in putting the means at Major Hyland's and the writer's disposal to visit there places, on the shortest notice. Such assistance is very rarely encountered.] The prisons of Caltanissetta and Augusta were also visited. *These are program of prison repairs & additions is being done public.*

Military Highways.

7. The ~~Chief~~ Public Works Officer travelled over all the Military Highways in Sicily this month. Their condition is roughly as follows.

a) S.S. 113 Trapani, Palermo, Messina. The tract from ~~Trapani~~ ^{Trapani} to Palermo is in poor condition, needing resurfacing in many parts. Two bridges are under construction and progress is fair.

From Palermo to Messina the road is fair. There the road is

be completed before the war season. There is a temporary bridge which will serve during the autumn. Three provincial bridges were also inspected, and progress was good.

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8. The Details of progress on each bridge are as under:

Ponte Canizza.

One arch bridge 20 metres span.

The centering is being erected. The bridge should be finished at the end of September.

(3)

Ponte Piano.

One arch bridge 16 metres span.
Should be finished end of September.

Ponte Maccarrone.

Centering complete. The work should be finished at the end of September.

Ponte S. Stefano.

5 arch bridge.
Centering of three arches complete. Work should be finished at the end of September.

Ponte Ortare.

Three arches of 8 metres span.
The centering is ready. Bridge should be completed before the end of September.

Ponte Petruso.

Single arch bridge 11 metres span.
The arch is finished. Should be completed the beginning of September.

Ponte Canneto.

Three arches of 11 metres each. The centering is being erected. Should be finished end of September.

Ponte Caronia.

Seven arches of 11 metres each. The centering of two arches erected and the arches are run. The bridge should be finished at the end of November.

Ponte Buza.

Three arches. The by-pass is not suitable for the winter. The work proceeding very slowly. A very determined effort will be made to have the work well advanced at the end of September.

Ponte Furiano.

Nine arches of 11 metres each. The work is far behind, and it will not be finished before the end of December.

Ponte Inganno.

Two arches of 21 metres span. Will be finished about the middle of October.

Ponte Rosmerino.

Of one arches. Centering of one arch erected. Work should be finished at the end of September.

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Of one arches. Centering of one arch erected. Work should be finished at the end of September.

Ponte Platani.

Three arches 11.2 metres span. Centering of one arch erected. Should be finished the end of September.

Ponte Zappulla.

Four arches of 12 metres each. The piers and abutments have been constructed. The centering is being erected. Will be finished about the end of October.

(4)

Ponte Iannello.

Single arch of 15 metres. The centering is erected. The bridge should be finished before the end of September.

Ponte S. Angelo.

Two arches. Centering ready on the ground. Should be finished during September.

Ponte Zappardino.

Bridge finished.

Ponte Provvidenza.

Two arches. The centering is on the ground. Should be finished about the middle of October.

Ponte Mazzera S. Andrea.

Bridge is finished.

Ponte Meri o Mela.

Three arch bridge. The centering has been erected and the arches are now being run. Should be finished the middle of September.

Ponte Corriolo.

Three-arch bridge. Centering being erected but the work is very far behind. It will be necessary to have the work finished for the first October, and pressure will be put on the contractors. The by-pass is not suitable for the winter.

Ponte Muto;

Tenders have just been invited but as the work would have to be carried out in the wet season, it is proposed not to start the work until the spring of 1945 as there is an excellent temporary bridge which will be capable of carrying all traffic during the winter.

Ponte Spadafora.

The work has just been given out. There is a good provisional by-pass. ~~The work can proceed.~~

Ponte Boncorda.

Same remarks as apply to Ponte Muto.

Ponte Tonnerazze.

Same remarks as apply to Ponte Muto.

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Same remarks as apply to Ponte Muto.

Ponte Tonnarazze.

Same remarks as apply to Ponte Muto.

P. S.S. 114 Two bridges under construction

Ponte S. Filippo.

Three arches. Work is proceeding steadily. There is a good by-pass which could be used, if necessary, during the winter.

Ponte Minissale.

Two arches ~~the arches~~ are complete, and the work should be finished about the middle of September.

C. All bridges on S.S. 121 have been completed.

(5)

Other Highways.

9. Estimates for repairs to State Roads other than Military Highways have been forwarded to the Ministry of Public Works for approval, and provision of funds.

Public Works.

10. A list of work approved locally is forwarded as appendix "A" to this report. Expenditure incurred on Public Works for the months of May, June & July is attached as Appendix "B".

Electricity.

11. It is understood that Major Crowther delivered his report for the month directly to the Sub-Commission. Since taking over the responsibility for electricity the writer has had a number of conversations with key-engineers of the Società Generale Elettrica, and he hopes to make a tour of all the plants during next month so that he may be 'en fait' with the present position.

Materials.

12. Sufficient materials are available to carry on the present programme of work.

Transport.

13. This has always been difficult, and the writer discussed the problem with Major Hyland during his recent visit who promised to do something if possible.

Special Remarks.

14. The most important function of this Department will be to see that the bridge reconstruction programme will be carried through before the rainy season, and all efforts will be made to this end.

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 Major R.E.
 Regional Engineer

6817

2 Encls.

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DAVID A. BOYD
Major R.E.
Regional Engineer

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CPB/sb

ALLIED CONTROL COMMISSION
SICILY REGION HQ.
APO 394

28 May 1944

In reply
refer to: RHC 312.1

Subject: Monthly Report, Utilities

To : Public Works and Utilities Sub-Commission
Headquarters Allied Control Commission
APO 394 U.S. Army
(Att: Lt. Col. Lepper)

1. In accordance with instructions in letter AGC/145/PWU dated 15 May 1944 the Utility report was ended as of midnight on the 25th. In order to make it a complete monthly report it covers the period 26 April to 25 May 1944 inclusive.

2. Production:

a. Western Sicily:

PLANT	TOTAL KWH.	Peak KW.
Alto Belice I	1,029,000	6,500
Alto Belice II	10,000	300
S. Carlo	2,799,000	6,200
Favara	390,000	1,000
Poggiudiana	1,729,000	3,600
Soillato	185,000	300
Palermo	623,000	3,200
Porto Empedocle	Not Operating	
Trapani	Did not Operate	
Total:	6,765,000	

b. Eastern Sicily:

PLANT	TOTAL KWH.	Peak KW.
Alcantara I	1,469,000	3,300
Alcantara II	2,381,000	4,000
Cassibile	758,000	5,000
Aci Castello	Not in Operation	
Catania	2,811,000	10,000
Total:	7,429,000	

System Total: 14,194,000

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3. Load curve for 9 May 1944 attached.

1. In accordance with instructions in letter ACC/146/PWU dated 15 May 1944 the Utility report was ended as of midnight on the 25th. In order to make it a complete monthly report it covers the period 26 April to 25 May 1944 inclusive.

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Catania	2,811,000	10,000
Total:	7,429,000	6813

System Total: 14,194,000

3. Load curve for 9 May 1944 attached.

4. Estimate of power available in Kwhs. for three months.

MONTH	HYDRO	STEAM	TOTAL
June	7,900,000	7,200,000	15,100,000
July	7,500,000	8,800,000	16,300,000
August	7,800,000	8,800,000	16,600,000

5. Coal consumption 26 April to 25 May incl.

2.

STATION	IMPORTED	SARDINIAN	TOTAL
Palermo	1,123 Tons	53 Tons	1,176 Tons
Porto Empedocle	---	---	---
Catania	369 Tons	3,129 Tons	3,498 Tons

b. Coal on hand 25 May 1944

STATION	IMPORTED	SARDINIAN	TOTAL
Palermo	1,123 Tons	872 Tons	1,995 Tons
Porto Empedocle	416 Tons	1,701 Tons	2,117 Tons
Catania	2,639 Tons	2,032 Tons	4,671 Tons

c. Coal Prediction for next three months: - Tons

STATION	TYPE	JUNE	JULY	AUGUST
Palermo	Imp.	1,800	1,600	1,400
	Sard.	400	300	500
	Total	2,200	1,900	1,900
Porto Empedocle	Imp.	++	900	900
	Sard.	++	1,600	1,600
	Total	++	2,500	2,500
Catania	Imp.	5,700	5,800	5,800
	Sard.	1,900	2,000	2,000
	Total	7,600	7,800	7,800

Note: We have purposely not made provisions for additional Coal at the Porto Empedocle Plant due to the uncertainty of operation of the broken rotor shaft. There is sufficient coal on hand for one months operation. If we find that we can operate this unit a bid will be made for coal. This plant can utilize approximately 100% Sardinian coal.

7. a. There was no nefte used during the period covered by this report.

Nefte on hand 25 May 1944

Trapani 0 Tons
Agrigento 64 Tons
Racalmuto 21 Tons

b. Nefte predicted for next three months.

	June	July	August
Trapani	5 Tons	5 Tons	5 Tons
Agrigento	2 "	2 "	2 "
Racalmuto	5 "	5 "	5 "

8. Water storage as of 25 May 1944

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6. Coal Prediction for next three months: - Tons

STATION	TYPE	JUNE	JULY	AUGUST
Palermo	Imp.	1,800	1,600	1,400
	Sard.	400	300	500
	Total	2,200	1,900	1,900
Porto Empedocle	Imp.		900	900
	Sard.	++	1,500	1,500
	Total		2,500	2,500
Catania	Imp.	5,700	5,800	5,800
	Sard.	1,900	2,000	2,000
	Total	7,500	7,800	7,800

Note: We have purposely not made provisions for additional Coal at the Porto Empedocle Plant due to the uncertainty of operation of the broken rotor shaft. There is sufficient coal on hand for one months operation. If we find that we can operate this unit a bid will be made for coal. This plant can utilize approximately 100% Sardinian coal.

7. a. There was no nafta used during the period covered by this report.

Nafta on hand 25 May 1944

Trapani 0 Tons
Agrigento 64 Tons
Racalmuto 21 Tons

b. Nafta predicted for next three months.

	June	July	August
Trapani	5 Tons	5 Tons	5 Tons
Agrigento	2 "	2 "	2 "
Racalmuto	5 "	5 "	5 "

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8. Water storage as of 25 May 1944

Alto Belice (Piana) Mc. 7,300,000
Gampauta Mc. 210,000
Prizzi Mc. 8,800,000

9. Status of construction and repairs:

The 5000 Kw rotor for the Porto Empedocle Turlio Generator was completed and the rotor returned to the plant. It is estimated that if no unforeseen circumstances arise, this unit will be ready for operation by the end of the month of June 1944. Repairs to the pulverized fuel boiler at the Palermo Plant are progressing satisfactorily. There is quite a bit of

3.

electric welding necessary as one tube is made from three pieces of pipe. The fire bricks for the boiler have not yet arrived from Sardinia. Twelve sections of the 70Kv Porto Empedocle line were knocked down due to the recent ammunition dump explosion near Agrigento. There was no damage to towers and the line was returned to service 20 May 1944.

Reconditioning of the condenser tubes at the Catania Plant is progressing as a temporary expedient until tubes now on order are received.

General maintenance and repairs are continuing in so far as materials are available.

10. A threatened strike among the Utility workers in both Western and Eastern Sicily has been averted at least temporarily. The principle complaint being that wages are inadequate to purchase the necessary food. Arrangements were made for the purchase of some army rations to supplement present rations.

11. Removal of Generating Unit at Alto Belice Plant:

a. One hydro electric generating unit complete with control valves and switch gear is being removed from the Alto Belice Generating Station for reinstallation on the Italian mainland. The work is being done under the supervision of the Allied Control Commission and was requested by Headquarters A.A.I., in letter dated 29 April 1944.

b. Disassembly of the unit started 15 May. It is estimated that the unit will be ready for shipment on 5 June.

c. At Alto Belice, the machine was capable of a 3500 KVA output at unity power factor. In its new location the capacity of the unit is estimated at 2300 kilowatts.

d. The Societa' General Elettrica della Sicilia, present owners of the machine have cooperated completely in the project. Labor for the disassembly and crating has been provided by the electric company.

e. The Island Base Section has been of considerable assistance in the project through the supplying of many necessary materials, and the helpful suggestions of its personnel. It is planned to utilize transportation of the Island Base Section Ordnance Service.

f. Major Benton is making all arrangements and supervising the removal of this unit. Major Benton is also rendering valuable assistance in connection with other electrical projects.

12. We are preparing the list of materials and supplies for the first six months period of 1945 and will have it completed during the coming week.

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12. We are preparing the list of materials and supplies for the first six months period of 1945 and will have it completed during the coming week.

13. The Palermo Gas Plant has been in operation for approximately one week. Total period of operation is about 7 hours per day. It is used for cooking only. It has not been possible to supply gas to all parts of the city, however damaged mains and meters are being repaired and it is hoped that all parts of the city will receive service in the near future.

1 Incl.

Incl. 1 - Load Curve

Alton H. Major

A. CROWTHER

Major, Royal

Engineers

Utilities Officer

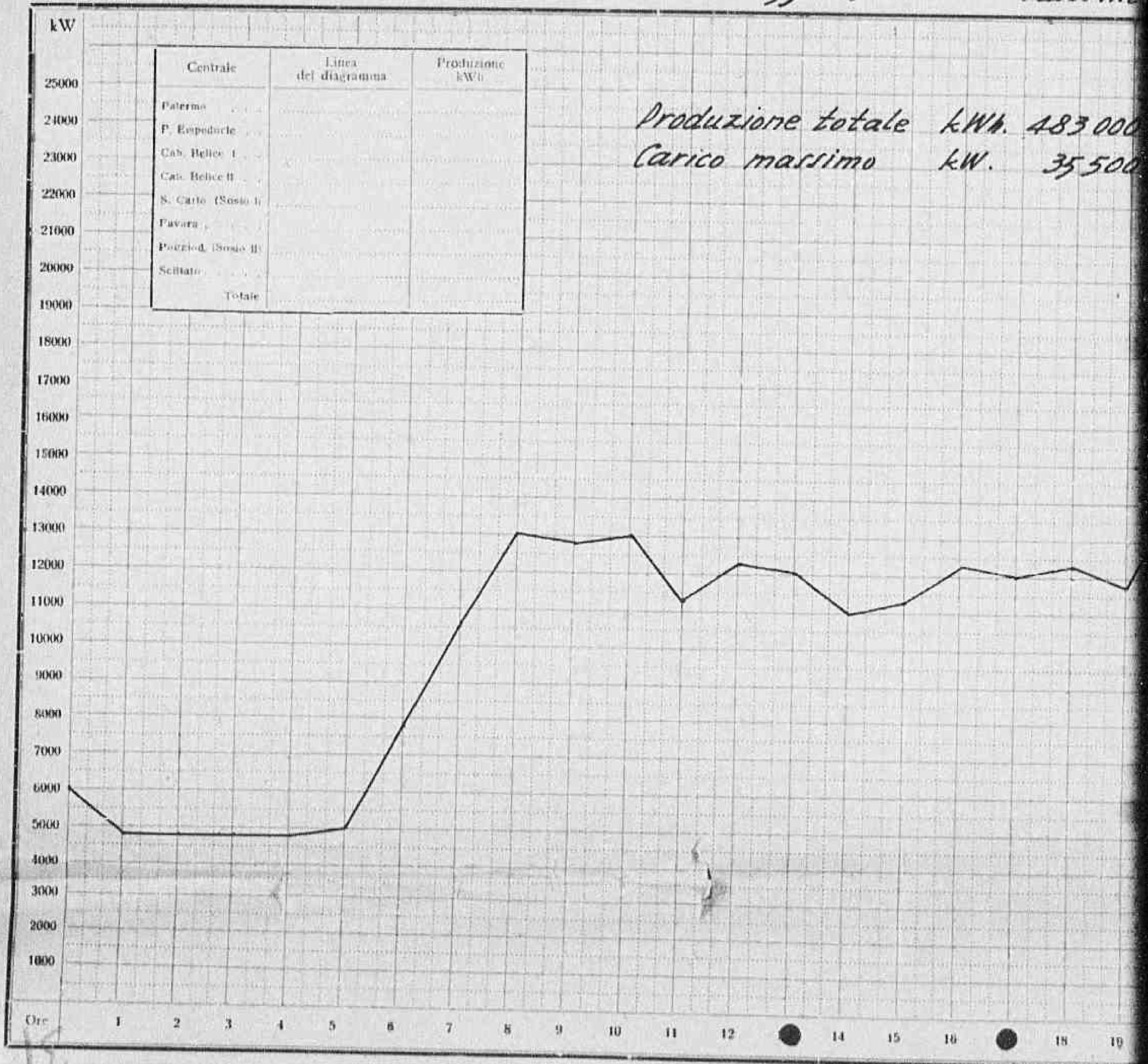
Region I

SOCIETÀ GENERALE ELETTRICA DELLA SICILIA

Diagramma di produzione del 9 Maggio 1944

Palermo

SCALA 1



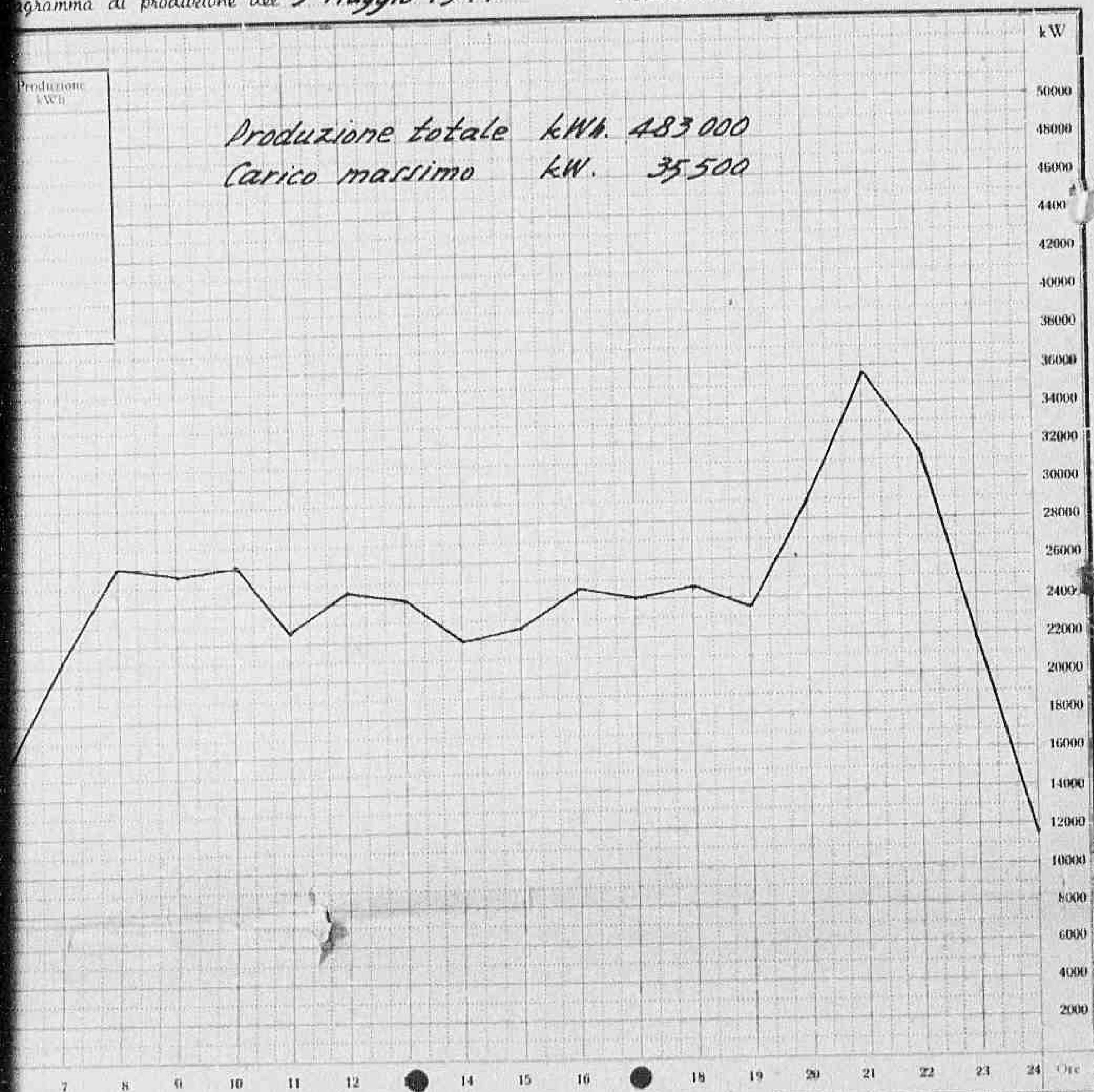
GENERALE ELETTRICA DELLA SICILIA

Mod. 5 Produzione

Programma di produzione del 9 Maggio 1944

Palermo 26-5-1944

SCALA 2



L'Ingegnere Capo

Lt. Col LAPPER

(For Information)

30

NOTE.

Le produzioni indicate e i consumi di carbone corrispondenti sono calcolati in base al razionamento attuale di circa il 25%.

Se non sarà possibile di assicurare in tutte e tre le Centrali di Catania, Palermo e Porto Empedocle il carbone nelle misure indicate, è necessario, per assicurare la massima produzione, di accentrare nella Centrale di Catania tutta la produzione possibile.

Pertanto occorre provvedere innanzi tutto a rifornire di carbone la Centrale di Catania e solo dopo che a questa sarà stato assicurato il rifornimento di tutto il carbone indicato, provvedere a rifornire prima Porto Empedocle e poi Palermo.

Se la Centrale di Porto Empedocle non può funzionare, la relativa produzione dovrà essere trasferita a Palermo con i consumi corrispondenti di carbone.

Dai superiori prospetti si rilevano immediatamente le riduzioni di produzione risultanti da riduzione di forniture di carbone.

Per quanto riguarda le riduzioni di potenza si può tener presente che ad una riduzione di produzione di 1.000.000 di kWh al mese corrisponde una riduzione di potenza di circa 2.000 kW.

La potenza totale diurna, con il solo razionamento attuale, è di circa 25.000 kW.

(Translation attached)

S.G.E.S.PREVISIONE PRODUZIONE TERMICA GIUGNO-DICEMBRE 1944 IN kWh
(con razionamento del 25%)

	<u>Catania</u>	<u>Palermo</u>	<u>Porto Empedocle</u>	<u>Totale</u>
Giugno	6.200.000	1.000.000	-	7.200.000
Luglio	6.400.000	900.000	1.500.000	8.800.000
Agosto	6.400.000	900.000	1.500.000	8.800.000
Settembre	6.200.000	850.000	1.450.000	8.500.000
Ottobre	6.400.000	900.000	1.500.000	8.800.000
Novembre	6.200.000	850.000	1.450.000	8.500.000
Dicembre	5.000.000	300.000	500.000	5.800.000

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PREVISIONE CONSUMO CARBONE GIUGNO-DICEMBRE IN TONN.

	<u>Catania</u>			<u>Palermo</u>			<u>PORTO EMPEDOCLE</u>		
	Imp.	Sardo	Totale	Imp.	Sardo	Totale	Imp.	Sardo	Totale
Giugno	5.700	1.900	7.600	1.800	400	2.200	-	-	-
Luglio	5.800	2.000	7.800	1.700	300	2.000	900	1.600	2.500
Agosto	5.800	2.000	7.800	1.350	450	1.800	900	1.600	2.500
Settembre	5.700	1.900	7.600	1.300	400	1.700	850	1.550	2.400
Ottobre	5.800	2.000	7.800	1.350	450	1.800	900	1.600	2.500
Novembre	5.700	1.900	7.600	1.300	400	1.700	850	1.550	2.400
Dicembre	4.600	1.500	6.100	450	150	600	300	550	850

13 May 1944

REVISIONE CONSUMO CARBONE GIUGNO-DICEMBRE IN TOWN.

	<u>Palermo</u>				<u>PORTO EMPEDOCLE</u>				<u>TOTALE</u>		
tale	Imp.	Sardo	Totale	Imp.	Sardo	Totale	Imp.	Sardo	Totale		
.600	1.800	400	2.200	-	-	-	8.500	2.300	9.800		
.800	1.700	300	2.000	900	1.600	2.500	8.400	3.900	12.300		
.800	1.350	450	1.800	900	1.600	2.500	8.050	4.050	12.100		
.600	1.300	400	1.700	850	1.550	2.400	7.850	3.850	11.700		
.800	1.350	450	1.800	900	1.600	2.500	8.050	4.050	12.100		
.600	1.300	400	1.700	850	1.550	2.400	7.850	3.850	11.700		
.100	450	150	600	300	550	850	5.350	2.200	7.550		

ALLIED CONTROL COMMISSION
SICILY REGION HQ.
APO 394

In reply
refer to: RHC 319.1

Subject: Monthly Report - Public Works

To : Director, Public Works and Utilities Sub-Commission
Headquarters, Allied Control Commission
APO 394, U.S. Army

26 May 1944

DAR/sb

12 JUN 1944

1. Roads and Bridges:

a. With more settled weather conditions and less heavy rains work has been proceeding on all jobs, particularly those works on roads and bridges included in Chief Engineers Programs.

b. This programme which consisted of about two hundred separate jobs, including about 70 Bridges with a total estimated cost of about 250,000,000 Lira was ordered on A.A.S.S. and the Provved. CC.PP. on 19 January 1944. A copy of the letter ordering the work is attached as appendix "A".

c. With the exception of about four jobs all work has been started and indeed many jobs are now finished. Ninety per-cent of the work was on State Roads and under control of Ing. Spalletti. I cannot speak too highly of this engineer and I think it would have been better if his services had been used by Capt. Gamble instead of those of Ing. Ballantini who is not conversant with work on State Roads.

d. Capt. Gamble arrived at this office on Saturday, 13th May 1944. A general discussion took place between him and me regarding the work that he was about to take over on military highways. A conference was arranged on Monday 15th May 1944 with Ing. Alegria and Ing. Spalletti present. Ing. Spalletti was asked to hand over all the information and documents regarding contracts on military highways to Ing. Ballantini.

2. Other Works:

a. Work continues on cleaning up and removing dangerous buildings, maintenance and repair of aqueducts, sewers, public buildings, water works and accommodations for

6809

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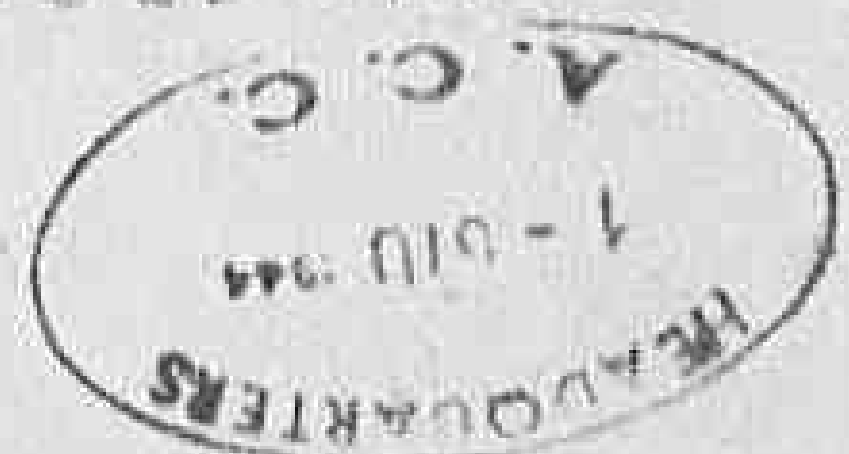
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6809

2. Other Works:

a. Work continues on cleaning up and removing dangerous buildings, maintenance and repair of aqueducts, sewers, public buildings, lighthouses, harbour works and accommodations for refugees.

b. In a recent conversation with Ing. Verderame, Chief Engineer of the Genio Civile, Palermo, the writer became aware that a considerable quantity of work of cleaning up debris and demolition had been started after 10 May 1944 without prior approval of this office, on the grounds that the work was of "Some Urgence". There seems to have been an idea that any urgent works costing less than 200,000 lire could be started and sent facts approval could be obtained. Ing. Verderame was told not to start anymore work without approval. The Provveditore OO.PP. had previously been told the same thing.



2.

Visit of Lt. Col. Jenny:

a. In accordance with the request of Lt. Col. Jenny during his recent visit to Sicily a letter was forwarded to the Provveditore CO.PP. asking for details of expenditure on Public Works and a monthly return thereafter. A copy of the letter sent is attached as appendix "B".

b. The Provveditore CO.PP. has been told that all estimates together with a list of materials required to carry out the work must be submitted to the Region Public Works Officer for examination and forwarding to Hq. A.C.O. for approval. Hence, all works, approved for which is sought after 10 May 1944, will be examined by this section and then forwarded to Public Works and Utilities Sub-Commission for further examination.

c. This increased control introduced by Lt. Col. Jenny should have a stabilizing effect on expenditures on Public Works and should also assist in having constructional materials used to the best advantage.

4. Tour of Chief Public Works Officer:

a. On Monday 15 May 1944 the writer left Palermo for Messina, Catania, and Syracuse, and a few notes on his tour are given:

(1) Messina:

(a) Work is progressing rather slowly. The workmen in the city do not like to work long hours. E.g. the main road running through the city is being reconstructed and the hours fixed for the work, which is urgent, are from 0530 hours until 2030. In order to get the men to do the work it has been necessary to send a motor lorry to villages outside Messina and transport men to the site of the work and back home again every day. The small number of workmen on every job is noticeable. The writer personally visited about ten jobs and they were all under staffed.

(b) Considerable pressure is being applied to have a roof put on the Cathedral. The writer visited this building or, more precisely what is left of the building, with Lt. Hodges and the Prefect. An estimate has been obtained from the Genio Civile for the amount of L. 8,000,000 for the roof only. The edifice was completely gutted by fire in June 1943 and everything of artistic value, including the altar was ruined. There can therefore be no question of the new roof being constructed to save works of art. The writer's personal opinion is that L. 8,000,000 is the

Should
2.4.44

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*Should
not be
done
1) 2) 3)
4) 5) 6)
7) 8) 9)
10) 11) 12)*

23
(c) The system of approvals which Lt. Col. Jenny introduced on his recent tour was discussed and Lt. Hodges was told not to start any work without first forwarding estimates to the writer for consideration and transmission to Sub-Commission. The writer also explained the new method of approvals to Lt. Col. Ramsey.

(d) Generally Messina is looking much better than it did a few months ago. There is still much to do but Public Works are well organized and in another three months works now in hand will be well advanced.

(2) Catania:

(a) The writer visited C.E. No. 1 District and discussed the question of Military Highways with him. A drawing of No. 1 District has not yet been approved and C.E. could not there-fore define clearly what roads would be finally considered as military highways. Apparently Lt. Col. Jenny agreed that Capt. Gamble (A.S.C. Field Engineer) should only take control of the roads colored red and green on the attached map, but Col. Lindsey wants Capt. Gamble to be responsible for the roads coloured blue and also all the Category roads such as the road to Palermo Airport, the road to Mondello station area, roads leading from the docks and the like. The writer is ready to hand over to Capt. Gamble just as soon as he can take over.

(b) Major Giles, the P.C., was interested in the starting up of the Gas Works and the Cement Works at Catania. The writer promised to send him details of the method of use of partly distilled Sardinian coal for the manufacture of cement.

(3) Syracuse:

(a) Work is proceeding on repair of public buildings. A request from M.C.I.C. Augusta for demolition of dangerous buildings damaged during the invasion is at present receiving attention. An estimate has been forwarded by the Genio Civile to the Provved. OO.PP.

5. Materials

a. The local cement works of Messrs Conigliani and Gai 6867 in Palermo can produce 3000 tons of cement per month. The kiln is a vertical type in which it was only possible to use anthracite coal because of its low volatile and high calorific content. Sardinian coal could not be used because it contained too volatiles. The works had to close down in March 1944 because suitable fuel was not available and existing stocks were exhausted.

I District has not yet been approved and C.E. could not therefore define clearly what roads would be finally considered as military highways. Apparently Lt. Col. Jenny agreed that Capt. Gamble (A.G.C. Field Engineer) should only take control of the roads colored red and green on the attached map, but Col. Lindsay wants Capt. Gamble to be responsible for the roads coloured blue and also all "B" Category roads such as roads within cities serving military installations; e.g. the road to Palermo Airport, the road to Mondello Staging area, roads leading from the docks and the like. The writer is ready to hand over to Capt. Gamble just as soon as he can take over.

(b) Major Giles, the P.C., was interested in the starting up of the Gas Works and the Cement Works at Catania. The writer promised to send him details of the method of use of partly distilled Sardinian coal for the manufacture of cement.

(3) Synopsis:

(a) Work is proceeding on repair of public buildings. A request from H.O.I.O. Augusta for demolition of dangerous buildings damaged during the invasion is at present receiving attention. An estimate has been forwarded by the Genio Civile to the Provved. CO. RP.

5. Materials

a. The local cement works of Messrs Conigliaro and Chiavari in Palermo can produce 3000 tons of cement per month. The kiln is a vertical type in which it was only possible to use anthracite coal because of its low volatile and high calorific content. Sardinian coal could not be used because it contained 40% volatiles. The works had to close down in March 1944 because suitable fuel was not available and existing stocks were finished.

b. When the Gas Works were started again in Palermo the writer had an experiment carried out in order to reduce the volatile content of Sardinian coal from 40% to about 12% and thus to render the coal suitable for use in the cement works. These experiments were extremely successful and it is now possible to use the distilled coal for manufacturing cement.

c. Transport:

a. The problem of transport is still difficult. Though rail transport does not exist and there is a shortage of motor lorries. Engineers cannot get out on the works because private cars are unreliable. This causes a delay in work. The condition will grad-

4.

ually grew worse as the present means of transport deteriorated further.

7. Generally:

a. Work is proceeding steadily. Control is being exercised. Taking into consideration all the difficulties such as being done with the materials and plant available.

David A. Boyd.

DAVID A. BOYD
Major, R.E..
Chief Public Works Officer
Region I.

3 Incls:

- Incl. 1 - Appendix "A"
- Incl. 2 - Appendix "B"
- Incl. 3 - Map (to be sent to Sub - Commission only).

Appendix "A"

21A
DAB/cb

GOVERNO MILITARE ALLEATO
QUARTIERE GENERALE REGIONALE DELLA SICILIA
APO 394

19 GENN. 44

FILE : 800 A

OGGETTO : Programma pervetrate e ponti.

A : A.A.S.S.

1. Si include la traduzione di una lettera e il programma dei lavori inviati dal Distratto N. 1.

2. Si prega di fare immediatamente i contratti per tutti i lavori indicati dalla priorità A.L. e disporre turni continui di lavoro.

3. Si deve pure disporre per l'inizio di tutti gli altri lavori.

4. Si richiama la vostra attenzione al paragrafo 3 della lettera su menzionata. Si chiede di assicurarsi che tutti i lavori siano accelerati.

5. Rapporti degli stati di avanzamento sull'appendice B. devono essere presentati a questo ufficio non più tardi del 5 di ogni mese indicando lo stato di avanzamento nell'ultimo giorno del mese precedente.

Per ordine del T. Col. CHARLES POLETTI R.C.A.O.

DAVID A. BOYD
Major, R.E.

CAPO DELLA DIVISIONE DEI LAVORI PUBBLICI
per informazione.
per azione.
carte geografiche e piani consegnati
alla A.A.S.S.

Copia al C.E. N. 1 District.
" al Prov. CO.PP.

INC. 1.

6805

OGGETTO: Programma per strade e ponti per il 1944.

20
traduzione:

R.C.A.O. Distretto N. 1.

1. Qui incluse vi sono due copie del programma delle strade e dei ponti per il 1944, compilate presso cotesto Quartiere Generale, e che indicano i gradi di priorità dal punto di vista militare.
2. In futuro, materiale e lavori pagati con fondi militari non saranno impiegati sulle strade e nei ponti, tranne in casi eccezionali quando sarà impossibile alle autorità locali intraprenderli. Perciò s'intende che la fabbrica A.B.C.D. a Ragusa può fornire tutto il bitume e l'asfalto di roccia richiesto.
3. Fino ad ora, con poche eccezioni, poco sforzo è stato fatto dalla A.A.S.S. e dalle autorità provinciali per iniziare i necessari lavori di riparazione e di ricostruzione.
4. Vogliate perciò essere tanto cortese da assicurare che siano fatti i contratti al più presto per tutti i lavori inclusi nel programma.
5. In caso di priorità il lavoro A.1. deve essere subito iniziato e turni notturni e giornalieri devono essere attuati dove è possibile.
6. Il trasporto è uno dei requisiti principali nella costruzione delle strade, e si spera che tale fatto sia tenuto in mente quando si considerano le assegnazioni dei trasporti.
7. Sarà di grande aiuto se potrete inviare rapporti mensili a questo Quartiere Generale nella maniera esposta dai programmi, dando le percentuali di progresso l'ultimo giorno di ogni precedente mese.

6804

: Capo della Sezione dei Lavori Pubblici

dal

Data dello stato di avanz.

Serie N.

7

8

9

Data di ulti-
mazionePercentuale di
avanzamento

Note.

Appendix "B" **B**

COMMISSIONE ALLEATA DI CONTROLLO
QUARTIERE GENERALE DELLA SICILIA REGIONE N. I
APO 394

DAB/mr

13 Maggio 1944

In risposta e
con riferimento al: RTC 095 - OO.PP.

Oggetto : Romme spese per le opere Pubbliche.

Al : Provveditore alle Opere Pubbliche, Palermo.

1. Il Direttore della Sottocommissione dell'A
C.C. per le Opere Pubbliche ha chiesto un prospetto che mostri
la spesa totale sostenuta per la esecuzione di Opere Pubbliche,
divise nei seguenti capitoli:

1. Strade e ponti.
2. Fognature.
3. Acquedotti e opere idrauliche.
4. Bonifica antimalarica.
5. Demolizioni e sgomberi.
6. Costruzioni edilizie:
 - a) Scuole
 - b) Ospedali
 - c) Prigioni e Palazzi di Giustizia
 - d) Altri edifici Statali
 - e) Edifici occupati dalle Forze Armate Alleate
7. Opere marittime e fari.
8. Monumenti e Belle Arti.

2. Questa Sezione ha preparato un elenco completo
di tali spese fino ed incluso il 15 Dicembre 1943, ma sarà ora ne-
cessario avere gli importi dal 15 Dicembre 1943 sino al 30 Aprile
1944. Dopo ciò un rapporto mensile dovrà essere inviato non più
tardi del giorno 5 di ogni mese per le spese totali incontrate du-
rante il mese precedente.

3. La specificazione delle spese sostenute dal 15
Dicembre 1943 al 30 Aprile 1944 dovrà essere a se inviata non più
tardi del 1 Giugno 1944.

4. Il prospetto riassuntivo che invierete dovrà

6802

comprendere le opere eseguite in tutti gli uffici pubblici, cioè A.A.S., Genio Civile, Ufficio Nuove Costruzioni Ferroviarie, Uffici Tecnici Provinciali e Comunali, Soprintendenza ai Monumenti, ecc. Dovranno essere anche compresi i lavori di ordinaria manutenzione.

5. Vorrete pertanto richiedere agli Uffici del Genio Civile di ogni Provincia di rimettervi gli importi delle somme spese dai Comuni e dalle Provincie, insieme a quelli delle spese da loro fatte.

DAVID A. BOYD
Major, R.E.
Capo della Sezione
Lavori Pubblici.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394.

LBJ/18

15

AOC/147/PWT

2 June 1944.

SUBJECT: Monthly Report.

TO : Lt. Col. C. P. Bolick, Regional Engineer Officer, Region 1.

1. I wish to acknowledge receipt of the monthly reports from Majors Boyd and Crowther. As the Regional Engineer Officer, these reports should be submitted to you and forwarded by you to this office with such over-all comments as you may wish to offer. Furthermore, when I was in Palermo, it was agreed that Lt. Hodges would remain as the Public Works Officer in Messina reporting to you directly. Therefore, he should also submit his monthly reports to you. Copies of these reports should then be forwarded by you to this office. These officers should not communicate directly with this Headquarters as it is necessary for you, as the Regional Engineer Officer, to be thoroughly acquainted with what is going on and in all such matters to solicit your views and comments on recommendations made in these reports. This is quite necessary as we naturally must look to you for results and to keep us posted on what is going on.

2. Major Boyd mentions the reconstruction of the Cathedral at Messina estimated to cost about 8 million lire but which, in his opinion, may well reach 100 million lire. It must be quite obvious that we cannot at this stage reconstruct cathedrals and must concentrate all of our efforts on the most essential projects only. For this reason the Messina Cathedral project is disapproved.

3. Many important problems affecting all Regions must be discussed from time to time. We are calling a conference of all Regional Engineer Officers at this Headquarters on 12 June, 9:00 A.M. A letter to this effect will be sent out by the Executive Commissioner to the Regional Commissioners. This will serve as advance notice to you so that you may make the necessary arrangements to be here on the 12 June. Some of the questions to be discussed at that meeting will concern methods of procedure, materials, approvals, as well as the possibility of placing military highways under the Regional Engineer instead of handling these from this Headquarters. In your case Major Gasko would become a Regional Officer on your staff but would make his headquarters at Catania, where the military headquarters of the island are located.

Lt. Col. Thompson

Laffer

L. A. JESSE,
Lt. Col. C.E.,
Director.

680208

Lt. Col. Rhodes

To JAG
42R
2/6
Ple. note & file
Laffer

Mr. Jenny

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

28 May 1944

Extracts from Report by Capt. Gamble, dated 21 May 44.

Finance.

Can I be given ~~for~~ the information on the Financial aspect and provisions of funds for these works. I understand that funds have been deposited at Messina. To what amount will this sum amount to?

*Supposed to be 2 funds
1 - for the highways
1 - other 1 to
ask him to check*

Future Status of A.A.S.S.

I regret to have to report that the Chief Engineer Ballentini of the Genio Civile, apparently appointed to act with me, is ~~x~~ reluctant to accept the work and to act in that capacity. As previously stated, in company with him, a detailed inspection of the work was made during this week. At the conference at Palermo between the Chief Engineer for Genio Civile and Chief Engineer AASS and Assistant Engineer, at which I was present, a crisis arose. The facts are as follows:-

1. The Genio Civile do not consider the change-over advisable.
2. All work now in progress and in fact to cover the whole programme of works, has been prepared by the AASS and Staffs, are acquainted with the inner history of each Contract.
3. The A.A.S. Chief Engineer either for personal or other reasons, stated to me that in his opinion it would worsen conditions, retard progress and be detrimental to our interest.
4. Both sides agreed that the new organization of centralizing authority, as advocated by Lt. Col. Jenny and the re-establishing of confidence in the financing of the projects was excellent.
5. It was obvious that the Genio Civile Officials, especially the Chief Engineer, were over-awed by the magnitude of the works and responsibility entailed.

no - by the Minister 6799

VST/fr

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

30 May 1944.

To: Capt. W.H. Gamble, PWU Sub-Comm. AGC
o/o 2. C.E. (Works) HQ 1 Dist. CMF.

1. Your progress report of 21 May is noted with interest and your comments about the local "political" situation drawn to Lt. Col. Jenny's attention.
2. No doubt you are now aware that Sig. Russo is to take charge of all Genio Civile and A.A.S.S. engineers in the island and if he has already arrived your disciplinary troubles should be under control. I am just informed by Sig. Tiziano that he is leaving for Sicily today.
3. There is no question of not using A.A.S.S. to its maximum capacity on road work but merely that they will be subordinated at the highest level to the Capo del Genio Civile.
4. In connection with the form AGC/Est/1 attached to your report. These forms will probably be changed in the near future but in the meantime I must ask that they be submitted here in triplicate, manually signed, and two groups of these are required:
(a) When the Estimate is made.
(b) When the contract is let (on the same form).
5. This enables us to keep our records straight. If you need a copy I suggest you send four so that your copy may be properly endorsed here and returned. We do not need copies of the engineers estimates or contracts here. One copy approved is returned to Sig. Tiziano, who in turn is responsible for notifying his local officials of such approval.

6. Funds to the amount of £ 5,000,000 have been deposited to the credit of Genio Civile at Banco d'Italia in Catania, according to Sig. Tiziano.

6798

and your comments about the island. Please direct all correspondence to Lt. Col. Jenny's attention.

2. No doubt you are now aware that Sig. Musso is to take charge of all Genio Civile and A.A.S.S. engineers in the island and if he has already arrived your disciplinary troubles should be under control. I am just informed by Sig. Tizzano that he is leaving for Sicily today.

3. There is no question of not using A.A.S.S. to its maximum capacity on road work but merely that they will be subordinated at the highest level to the Capo del Genio Civile.

4. In connection with the form ACC/Est/1 attached to your report. These forms will probably be changed in the near future but in the meantime I must ask that they be submitted here in triplicate, manually signed, and two groups of these are required:

- (a) When the Estimate is made.
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V.S. THOMPSON
Lt. Col. R.C.S.
Chief, Public Works Div. AGC.

[Handwritten signature]

12

DAB/sb

ALLIED CONTROL COMMISSION
SICILY REGION HQ.
APO 394

8 May 1944

In reply
refer to: RTC 600 (W)

SUBJECT: A.A.S.S.

TO : Director, Public Works and Utilities Sub - Commission
Headquarters, Allied Control Commission
APO 394 U.S. Army

1. I am informed that at a conference held on 5 May 1944 at Albergo Sole, Palermo at which were present On. Musotto, High Commissioner for Sicily, Comm. Alagna Proved. OO.PP., Comm. Spalletti, Capo Compartimentale A.A.S.S. and others, it was said by ~~Cor.~~ Uff. Tizzano, Director General of Public Works that Lt. Col. Poletti had said that the A.A.S.S. in Sicily was doing almost nothing.

2. It seems to me that Lt. Col. Poletti may have said this of the A.A.S.S. in some other region and his statement may have been incorrectly quoted. I always kept Lt. Col. Poletti informed of the very fine job of work that the A.A.S.S. was doing here. In Sicily the A.A.S.S. under the remarkable leadership of Comm. Spalletti, Capo Compartimentale, has done more than any other works organization.

3. May it be brought to the attention of the Director General of Public Works that I have no fault to find with A.A.S.S.. In my opinion the effort being made by the Azienda is outstanding.

For the Regional Commissioner:

~~David A. Boyd~~
DAVID A. BOYD
Major, R.E.
Chief, Public Works
Section.

1. Lt. Col. ~~Lippert~~ *Wey*
2. ~~Thompson~~ *M. 15/5*
3. *File*

SEP.
14/5

By Col. Rhodes
note
67971
Ad

ALLIED CONTROL COMMISSION
SICILY REGION HQ.
APO 394

9 - MAY 1944

CEB/MBM

In reply
refer to : RHC 319.1

Subject : Monthly Reports.

To : Lt. Col. L.A. Jenney - Public Works and Utilities
Sub-Commission.

HEADQUARTERS

- 3 MAY 1944

A. C. C.

4 May 1944 *Ca Lapper*

W. M. Lapper
Superintendent

7/5
W. M. Lapper

1. Reference your letter ACC/146/PWU. dated 1 May 1944 on above subject.

2. Paragraph one states that quote " This Sub-Commission has never received from you copies of your monthly or special reports concerning Public Works and Utilities in your Region ".

3. This department has to my knowledge only had one request for a regular monthly report and that was to cover Utilities. This request was made in December and monthly reports containing considerable data with curves attached were sent under dates as follows : 20 Jan. 44, 15 Feb. 44, 6 March 44, 10 April 44, and the April report completed this date was sent to Region I Hq. in conformance with recent instructions. All reports were addressed to the Public Works and Utilities Sub-Commission, attention Lt. Col. Lapper. Only one copy of these reports are in our files and no copy of the special load curve was retained. I do not understand why these reports were not received as they most certainly cleared this office. They are rather lengthy and will require time to reproduce but it can be done if a copy of each is desired. Other special reports called for on Public Works have been complied with.

4. A special report on Utilities was sent in by officer messenger under date of 27 April 44. This was of a general nature and a letter of acknowledgement was received this date under signature of Lt. Col. W. M. Lapper ACC/150/PWU dated 1 May 1944.

5. A complete report covering the activities of this Division has been submitted monthly to Region I Hq., and a special report with curves attached to the Tele-Communications Division.

1. Reference your letter ACC/146/FWU, dated May 1944 on above subject.
2. Paragraph one states that quote " This Sub-Commission has never received from you copies of your monthly or special reports concerning Public Works and Utilities in your Region ".
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5. A complete report covering the activities of this Division has been submitted monthly to Region I Hq., and a special report with curves attached to the Tele-Communications Sub-Commission.
6. If a complete report showing, coal consumption, production, load curves and other data asked for is desired on the 1st. of each month it cannot include the entire month. The load data readings, coal data etc. must be secured from the S.G.E.S. Company. This data is not complete until midnight on the last day of each month and so far it has taken 3 days for me to secure completed data from the S.G.E.S. Company. This data must be assembled and sometimes communications are none too good.
7. If it is desired to end the report on the 25 of each

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month I think it can be compiled and mailed so that it will reach your office by the first of each month. Will you please let me know if this is desired. I will point out however that coal figures may disagree if compared with figures submitted to A.F.H.Q. coal section weekly and on the first day of each month. Also production figures cannot be compared with previous monthly figures unless the five or six days difference is taken into considerations.

8. A copy of April report is attached. The original has gone forward thru channels and should reach your office.

C.P. Bolick.
C.P. BOLICK
Lt. Col., F.A.
Chief, F.C.U.F.W.
Division.

1 Incl :

Incl. 1 :- April Report P.W. & U.

1 Incl :

Incl. 1 :- April Report P.W. & U.

6/19/50
C.P. BOLICH
Lt. Col., F.A.
Chief, T.C.U.P.W.
Division.

6/19

- 2 -

ALLIED CONTROL COMMISSION
SICILY REGION HQ.
APO 394

CPB/ma

3 May 1944

In reply
refer to : RTC 319.1

Subject : Monthly Report, Transportation, Communications,
Utilities, and Public Works Division, Region I,
Sicily.

To : 1. Transportation Sub-Commission
2. Tele-communications Sub-Commission
☒ Public Works and Utilities Sub-Commission

1. This report will be presented in three separate
sections in order that a particular section may be detached.

2. The Mining Division is attached to T.C.U.P.W.
Division for administration and a report has already been
submitted for the Month of April to Chief Mining Division Hq.
A.C.C.

For the Regional Commissioner :

C.P. Bolick
C.P. BOLICK
Lt. Col., F.A.,
Chief, T.C.U.P.W.
Division.

- 5 Incls :
Incl. 1 - Report on Highway Transport
Incl. 2 - Report on Shipping
Incl. 3 - Report on Communications (with 1 Incl.)
Incl. 4 ☒ - Report on Public Works
Incl. 5 ☒ - Report on Utilities (with 1 Incl.)

6794

Inclosure No. 4

For Public Works and Utilities Sub-Commission

REPORT WORKS

1. During the past month the activities of this Section have been concentrated in the rapid expansion of the Chief Engineer's roads and bridges program. This work includes between 500,000 and 7,000,000 lire. Work is proceeding rapidly on all sites and with the good weather it is hoped to make rapid progress everywhere. Some difficulties have been encountered in unauthorized U.S. trucks taking materials such as timber from the site of the works. In several cases this has held up the work. The Provost Marshal I.B.S. is investigating the cases.

2. Works of clearing up debris and demolition of dangerous buildings still continues. Street repairs are in progress everywhere, repairs to lighthouses and maritime works at the ports of Palermo, Messina, and Catania are proceeding. The provision of temporary public latrines in Messina to cope with Refugee traffic has been carried out.

3. Mention is made here of the shortage of cement. It is worth considering the entirely inadequate system of control that has been adopted. No cement is issued without my authority but there is absolutely no check at the factory where cement is manufactured. It is possible to buy even large quantities of cement on the black market. My own opinion is that black market activities will continue so long as there is no control at the factory. As coal must be imported to make cement a more strict control is essential.

4. Although Lt. Colonel Rhodes on his recent visit left certain instructions about the method of handling contracts and the financing thereof, I have been informed that the High Commissioner for Sicily has been given powers to spend money on Pub. Works. There seems to be so much doubt generally that I have limited myself to giving my visit to any work which seems to me she should be done from point of immediate necessity and until I have a definite direction I shall continue to do so.

5. Lt. Colonel Labon visited this section on his way to discuss the problem of works on Military Highways with

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which seems to me she should be done from point of view of immed-
iate necessity and until I have a definite direction I shall
continue to do so.

5. Lt. Colonel Ibbotson visited his section on his way
to discuss the problem of works on Military Highways with
Chief Engineer No. 1 District. Col. Ibbotson gave me an out-
line of the proposed new set up and how it would work. In
the meantime I am carrying on as before.

6. During a tour of the island I inspected works at Messina,
Catania, and Syracuse. I also visited Caltanissetta. Fine
job of clearing up has been done in Messina due mainly to the
efforts of Lt. Col. Jones, Public Works Officer. Capt. Johnson who
was loaned to me by C.E. No. 1 District is taking care of work
in Catania and Syracuse. At Caltanissetta road and bridge re-
pairs are in progress.

Inclosure No. 4 (Cont'd)

To: Public Works and Utilities Sub-Commission

7. Generally work is proceeding normally and all Italian agencies are cooperating fully.

DAVID A. ROYB
Major, R.E.
Chief Public Works Section

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Enclosure No. 5

For Public Works and Utilities Sub-Commission

UTILITIES1. Productions: *Month of April 1944.*

A. Western Sicily:

PLANT	TOTAL KWHR	PEAK KW
Alto Belice I	847,000	8,000
Alto Belice II	45,000	300
S. Carlo	3,077,000	8,400
Favara	448,000	1,000
Poggioreale	2,257,000	3,800
Soillato	223,000	350
Palermo	471,000	3,200
Porto Empedocle	---	---
Trapani	5,000	500
Total	KWHR 7,013,000	

B. Eastern Sicily:

PLANT	TOTAL KWHR	PEAK KW
Alcantara I	2,005,000	3,400
Alcantara II	4,623,000	4,200
Casimibile	563,000	5,000
Acì Castello	23,000	300
Castello	1,405,000	8,000
Total Kwhr.	8,620,000	

Grand Total 14,132,000

2. Water storage as of 30 April 1944:

	cu.	sq.
Alto Belice (land)	---	8,800,000
Trapani	"	1,500,000
Palermo	"	8,800,000

3. Estimate of power available for three months in future

MONTH	KWHR	PEAK	TOTAL
April	8,620,000	6,791	14,200,000

Palermo	448,000	1,000
Poggioreale	2,207,000	2,800
Scilla	223,000	350
Palermo	491,000	3,200
Porto Sapienza	---	---
Tripoli	5,000	500
Total	3,169,000	

D. Eastern Sicily:

PLANT	TOTAL KWHR	TOTAL KW
Alcantara I	2,000,000	1,400
Alcantara II	4,500,000	4,200
Castello	563,000	5,000
Castello	23,000	300
Galati	1,405,000	6,000
Total Kwhr.	8,491,000	

Grand Total 14,137,000

2. Water storage as of 30 April 1944:

Alto Belice (Lake)	us.	6,800,000
Castello	"	1,500,000
Palermo	"	6,800,000

3. Estimate of Power available for three months in Sicily:

MONTH	KWHR	USHR	TOTAL
May	8,600,000	6,800,000	14,800,000
June	7,900,000	7,200,000	15,100,000
July	7,500,000	8,800,000	15,300,000
			6791

4. Coal consumption during month of April:

LOCATION	IMPORTED	SAVED	TOTAL
Palermo	800 T.	---	800 T.
Porto Sapienza	---	---	---
Castello	1,473 T.	303 T.	1,776 T.

5. Coal on Hand - 30 April 1944:

LOCATION	IMPORTED	SAVED	TOTAL
Palermo	1,646 T.	930 T.	2,576 T.

Inclosure No. 5 (Cont'd)

Porto Empedocle 300 Cement 1500 1800 T.
Genuia 567 692 T.

6. Prediction for next three months

	JUN	JULY
Palermo	Imp. 1,450 Sard. 100	2,000 50
Total	1,750	2,600

2. Empedocle	Imp. 1,000 Sard. 1,100
Total	1,300

Genuia	Imp. 5,000 Sard. 1,500	5,200 1,700
Total	6,500	6,900

7. Attached is a typical daily load curve.

8. Status of Construction and Repairs:

The U.S. Navy is giving every possible assistance. We have located sufficient surplus ft materials mostly at the Navy Yard for completing the repairs to the pulverized coal boiler at the Palermo Plant, and the work is progressing satisfactorily. An officers has been sent to Genuia to check on the availability of fire bricks which must be obtained to complete boiler repairs. If these bricks can be secured during the month of May the boiler can be of service by July 15, 1944. This boiler will provide steam for the 7500 KW unit at the Palermo Plant.

9. Tubes for repairing condensers at the Genuia Steam Plant have not arrived, although the requisition was approved February 15, 1944.

10. The damaged 70 KV line near Genuia has been completed including telephone line and is now ready for service. The 70 KV transformer at Palermo was taken into the shop at Genuia, dried out, and tested. The oil was filtered and the transformer 6790

2. Superdials	---	---	Exp. 1,000
			Hard. 1,100
			Total 1,300
Catania	Exp. 5,000	5,000	5,000
	Hard. 1,600	1,600	1,700
	Total 6,600	7,800	6,900

7. Attached is a typical daily load curve.

8. Status of Construction and Repairs:

The U.S. Navy is giving every possible assistance. We have located sufficient quantities of materials and at the Navy Yard for completing the repairs to the pulverized fuel boiler at the Palermo Plant, and the work is progressing satisfactorily. An officers has been sent to Catania to check on the availability of extra bricks which must be obtained to complete boiler repairs. If these bricks can be secured during the month of May the boiler can be of service by July 15, 1944. This boiler will provide steam for the 7500 KW unit at the Palermo Plant.

9. Tubes for repairing condensers at the Catania Steam Plant have not arrived, although the requisition was approved February 15, 1944.

10. The damaged 70 KV line near Catania has been completed including telephone line and is now ready for service. The 70 KV transformer at Pistoia was taken into the shop at Catania. After out, and tested. The oil was filtered and the transformer is in place at Pistoia and is now ready for service and will be put out within a few days. There is a small amount of work to be done on the station structure.

11. Low tension distribution is undergoing continuous repairs. The 10 KV line from No. 1 to No. 5 has been overhauled. Repairs to Sub - Station and L.I. lines are supplied by Fishburne & Associates are now in progress. A temporary sub-station was erected at No. 1 line in order to rebuild the entire L.I. service in this area. The former sub-station was completely destroyed.

Inclosure No. 5 (Cont'd)

12. The sulphur plants that have been flooded are to have continuous service until pumped clear and power increased will be used to sulphur plants in order to reach the output of sulphur required by allied demands.

13. Cataris Plant:

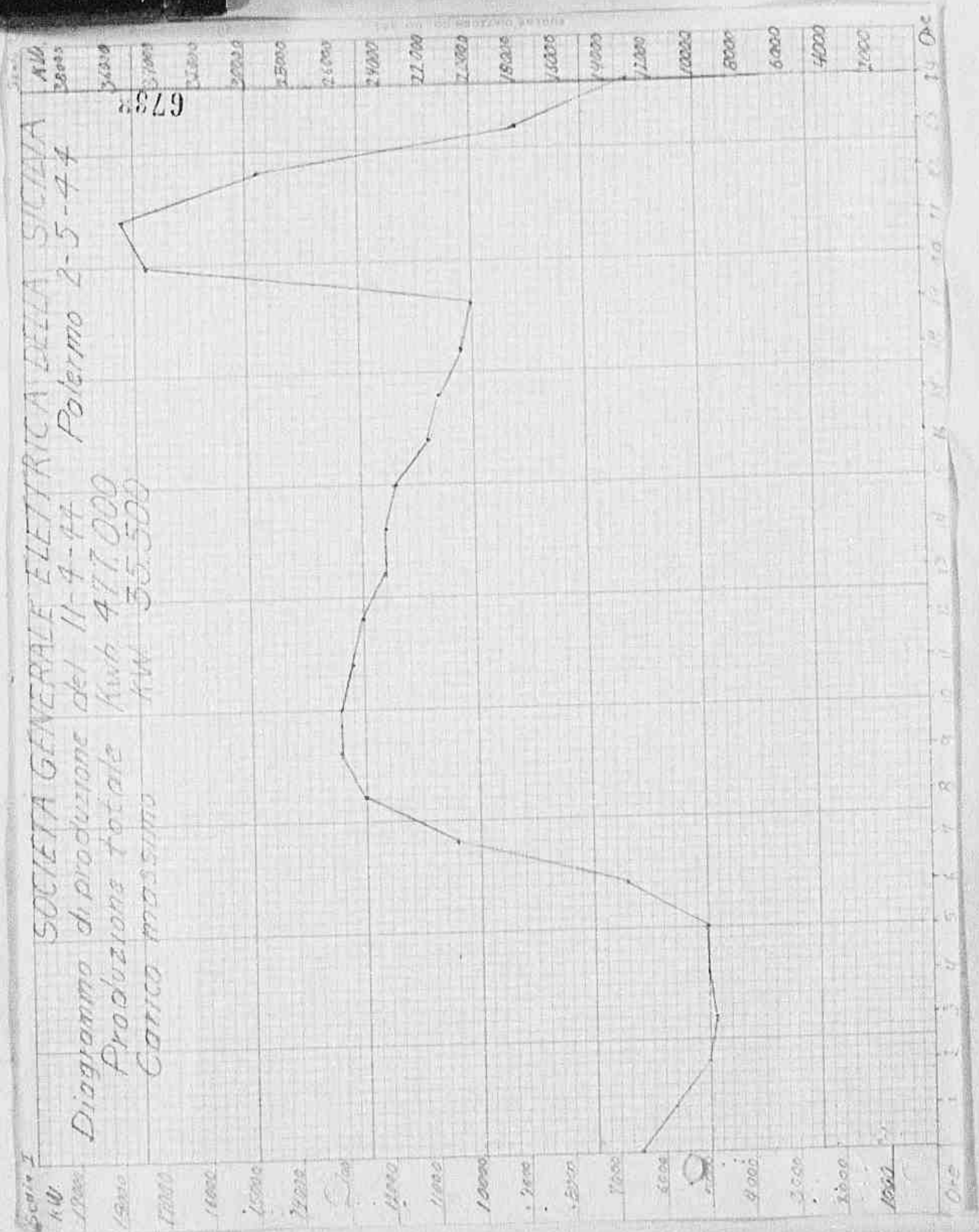
No. 2 Turbine was overhauled during the month. New bearings installed and fresh oil.

14. 8-11 Coal has been received for the Palmar Gas plant and it is hoped to start producing sufficient gas for cooking within a few weeks. The plan is to furnish gas for three periods of about 3 hours each daily around meal times.

15. A monthly inspection at the San Carlo Hydro Station revealed that more immediate repairs are necessary to the water tunnels. The material are being rounded up and work will commence as soon as possible. It will have to be extended over a three month period. The plan is to shut down for eight to twelve hour periods. The load to be carried from Cataris. The increased demands of coal shown for Cataris is for this work.

C. P. BOLTON
Lt. Col., P.E.,
Chief, S.G.M.S.,
Division

1 Incl.
Incl. 1 - Daily Load Curve



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