

ACC 239/PWU

10000/150/614
(VOL. I)

POWER
(TOP SE
MAY -

10000/150/614
(VOL. I)

POWER PLANTS
(TOP SECRET) (MAR. 1945);
MAY - JULY 1945

RECEIVED
P.W. & U. S/C A.C.
26 JUL 1945 239

OFFICE OF REGIONAL ENGINEER

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION
APO 394

HEADQUARTERS
26 LUG 1945
ALLIED COMMISSION

23 July 1945

LIG/PWU/114

SUBJECT : Export -tax on sale of electricity
to France

TO : Public Works & Utilities Sub-Commission
Hqs. A.C. A.P.O. 394 U.S. Army
Attention Major ROSSON.

1. Enclosed is exact translation and italian original of C.I.E.L.I. letter dated 21 July 1945, Subject : Italian Export - Tax.
2. As the law referred to was published under German or Fascist legislation it may or may not apply.
3. For your information.

2 enclosures:

CIELI letter 21 July 1945
Italian translation of same

E. Parker
ELMO E. PARKER
Capt. Inf.
Electrical Officer

*Decrees referred
to do not levy
export tax.*

7427

Compagnia Imprese Elettriche Liguri

(C. I. E. L. I.)

Aumentata per Azioni Capitale L. 800.000.000

Rif. Vis/MM
DIREZIONE COMMERCIALE
N.

DA CITARE NELLA RISPOSTA

Genova (100) 21 luglio 1945
Viale Principe Amedeo 1

Spett.

HEADQUARTERS ALLIED MILITARY GOVERNMENT

Liguria Region

Office Of Regional Engineer

G E N O V A

Via Gabriele d'Annunzio 1
5° piano

alla cortese attenzione del Sig. H. J. ROSSON
Major, S.R.

NOSTRA FORNITURA DI ENERGIA ALLA FRANCIA - EVENTUALE DAZIO ITALIANO
DI ESPORTAZIONE

In relazione alla base di accordo che è stato ieri sera firmato sotto l'egida di codesto Comando per la fornitura di energia da parte nostra alla Société l'Energie Industrielle, ci permettiamo ricordare che durante le trattative discusse venne fatto da parte nostra un accenno all'eventuale diritto doganale italiano per la esportazione di energia dall'Italia.

Allo stato della legislazione italiana a nostra conoscenza, l'esportazione di energia sarebbe semplicemente soggetta ad una autorizzazione da concedersi con decreto del Ministro dei Lavori Pubblici, d'intesa con altri Ministri, decreto che dovrà determinare la quantità massima di energia da esportare, le condizioni e la durata dell'autorizzazione (art. 1° della Legge 26 gennaio 1942 n° 127 pubblicata sulla Gazzetta Ufficiale del 12 marzo 1942 n° 59). - Può darsi però che disposizioni più recenti, e noi non note, abbiano modificato tale legge ed eventualmente istituito un dazio di esportazione sull'energia.

E' evidente che qualsiasi eventuale gravame di tale natura non può e non deve far carico alla nostra Società per questa fornitura di energia, che noi non abbiamo né cercata, né liberamente conclusa, e che eseguiamo in seguito a impegni presi dal Comando Alleato per risolvere la particolare situazione creata nella zona delle Alpi Marittime, e considerato soprattutto che sono stati convenuti prezzi identici a quelli praticati ai nostri utenti in Liguria, senza tener conto dell'onere di un even-

Compagnia Imprese Elettriche Liguri
(C.I.E.L.I.)

Foglio 1.°

tuale dazio di esportazione.

Riteniamo d'altra parte che lo stesso dazio non debba essere sopportato dalla società francese, in quanto non ne è stato tenuto conto nelle trattative.

Tutto quanto premesso è a perfetta conoscenza di codesto Comando al quale chiediamo pertanto che la questione venga prospettata alle competenti Autorità Italiane, le quali - nel decidere la ratifica dell'accordo - stabiliscano che questa particolare fornitura, per l'intera sua durata, sia esentata da qualsiasi eventuale diritto, dazio o gravame doganale afferente la esportazione di energia dall'Italia.

Con deferente stima.

COMPAGNIA IMPRESE ELETTRICHE LIGURI
Il Consigliere Delegato

N. Balsamo
(Dott. Ing. Natale Balsamo)

CONFIDENTIAL

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

HJR/sg

REFERENCE : 239/PWU.SUBJECT : Electric Power Supply -

Northwest Italy to South East France.

TO

: A.F.H.Q. - G-5.

27 July 45

1. Reference your letters 16 and 17 July, including enclosures and telephone conversation 17 July Majors Byles - Rosson.

2. Inclosed are two copies of statements relative to the meetings held in Genoa on the 19th and 20th of July. Original copies of these statements in English, Italian, and French signed by the parties concerned are in possession of this Sub-Commission.

3. During the course of the Genoa meetings several differences of opinion were encountered. The final statement reflects a compromise on several points of contention. It is our definite recommendation that all agreed articles be incorporated in the final contract without change.

4. It was not possible to reach an agreement on article 7, and the divergent opinions are included in the statement. Another question which may possibly arise is the levying of an export tax by the Italian Government on energy transferred to France.

5. Referring further to article 7. In order to permit Utility Companies to collect sufficient revenues to pay actual operating expenses, it has been necessary to approve surcharges to basic rates. In the case of large Electric Companies the greatest percentage surcharge approved by this headquarters amounted to 300% (Valdarno Electric Company - Florence) - CIELI is now preparing an application for permission to apply surcharges to all rates. In all probability the amount of the surcharge will be finally determined by the competent authorities of the Italian Government. CIELI, quite properly, does not want

CONFIDENTIAL

7424

C O N F I D E N T I A L

to enter into any contract which will exempt the other party from paying the full amount of any authorized surcharge. On the other hand the resale rates of "L'Energie Industrielle" are controlled by the French Government and it is therefore difficult for this company to agree to pay a surcharge, the amount of which is indeterminate at this time. It is suggested that the best solution to this matter can be reached by direct negotiations with the Italian Authorities.

6. This matter was originally referred to us for solution of the technical matters involved, and these have now been satisfactorily settled. We are therefore taking no further action pending receipt of instructions from you.

For the Chief Commissioner :

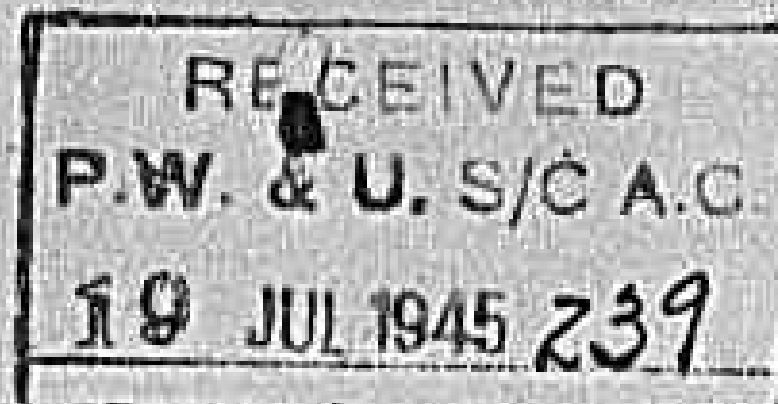
(sgd) E B. McKinley

E.B. MCKINLEY,
Brigadier General, USA,
Acting Vice President.

Copies to : Executive Commissioner,
Regional Commissioner, Liguria,
(att : Regional Engineer).

C O N F I D E N T I A L

7423

SECRET

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

JB/WSW

33

Time recd:
1545 hrs
4/8

17 July 1945

R
SUBJECT: Electric Power Supply - Northwest Italy
to Southeast France.

TO : Headquarters, Allied Commission, APO 394.

1. Pursuant to telephone conversation today Majors Rosson - Byles, there is inclosed a copy of a memorandum 477/ML/3 of 12 July submitted to this HQ by the Chief of the French Military Mission to AFHQ.

2. It is desired that you consider the memorandum under reference in the preparation of the proposed agreement to be entered into by the French and Italian power companies.

For Asst. Chief of Staff, G-5:

Incl:
as above



Julius Byles
JULIUS BYLES,
Major, G.S.C.

34 refers.

7422

SECRET

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION
APO 394

RECEIVED
P.W. & U.S./C.A.C.
18 JUL 1945 239

OFFICE OF REGIONAL ENGINEER

LIG/PWU/114

SUBJECT

: Report of activities regarding sale of
Italian-generated electricity to France.

: Public Works & Utilities Sub-Commission
HQs Allied Commission APO 394 U.S. Army
Attention Lt.Cols. RENTON, LAPPER.

TO

16 July 1945

I. Meeting with Engineer BALSAMO, C.I.E.L.I. Director 9 July 1945
1000 Hrs.

- a) Mr. BALSAMO cannot agree to deliver 5,000 KW continuously to France. Feels that french should be rationed in electric energy if consumers in Liguria Region should be.
- b) Mr. BALSAMO felt also that supply to France should be subject to a percentage reduction if it is necessary for C.I.E.L.I. to produce thermal energy to supply italian consumers.
- c) Mr. BALSAMO stated that only on a direct order from AMG would he agree to a continuous 5,000 KW supply to France.
- d) These arguments can be ironed out at the meeting of the French and Italian officials to be held on 19 July 1945. I am positive an agreement can be reached.
- e) Mr. BALSAMO was instructed that energy-supply to France would not be interrupted after the departure of french troops from italian territory. He agreed to this and suggested the french officials come to Genoa in order the transaction be completed.

P.W. & U.S./C.

322

Attention Lt. Cols. RENTON, LAPPER.

1. Meeting with Engineer BALSAMO, C.I.E.L.I. Director 9 July 1945
1000 Hrs.

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e) Mr. BALSAMO was instructed that energy-supply to France would not be interrupted after the departure of ~~French~~ troops from Italian territory. He agreed to this and suggested the French officials come to Genoa in order the transaction be completed.

2. Travelled to CUNEO afternoon 9 July 1945, accompanied by Engineer CHISLERI, Technical Director of C.I.E.L.I.

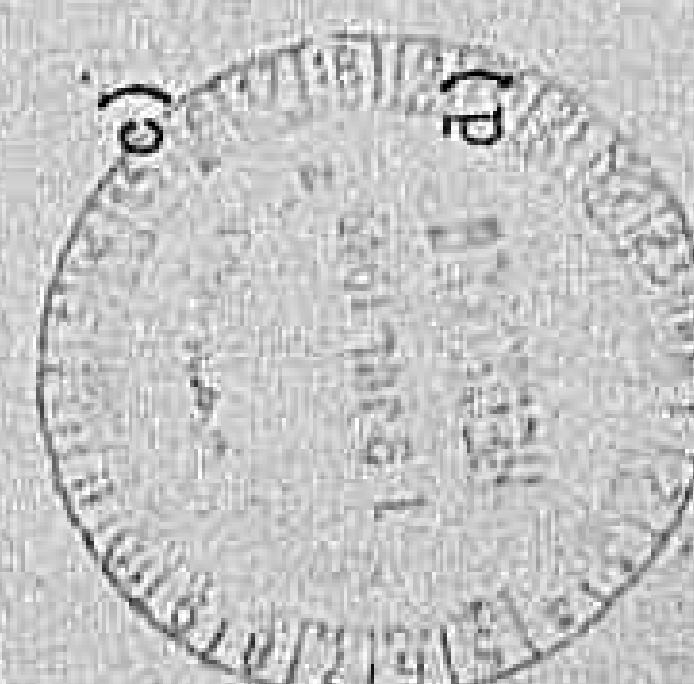
3. 10 July 1945

a) Visited the SAN DALMAZZO plant with Engineer CHISLERI.

b) Informed the French Engineer Mr. NONDEDEU, who had been in charge of the plant and was leaving that day, that service to France would not be interrupted after his departure. He was worried it would be.

c) Instructed Eng. CHISLERI and Mr. COLENGHI Oreste, Chief of Service at San Dalmazzo plant, that service to France must not be interrupted. They agreed it would not be.

d) Reported to Brigadier General HUME, 5 Army AMG in TENDA and informed how the electricity - problem was being handled.



= 2 =

He was glad with the information.

- e) The transmission line from San Dalmazzo to CAIRO will be repaired in about 10 days. Work began afternoon of 9 July 1945.
 - f) The CONFINE plant will be operating in 15 to 20 days. Building was damaged by road - demolition and C.I.E.L.I. wants to repair before resuming operation.
 - g) The Confine plant-workers requested from me that the actual barrier at the border "BB" (see attached sketch) should be moved 130 meters forward to the actual frontier - line "AA". I arranged matters with the French. They informed their border-guards would move to a point on the french side of border-line "AA".
 - h) All employees of the C.I.E.L.I. plants seemed happy that AMG was taking control. Mentioned they had been treated roughly by the french.
 - i) Returned to CUNEO and contacted Engineer Alessandro BOSSIS. At present he is resting after 6 weeks imprisonment in FRANCE. After resting he is to resume his office as Director of all C.I.E.L.I. Plants of Valle Roya. He is to submit a report to me of his treatment while a prisoner.
4. 11 July 1945
Travelled to NICE arriving late in the evening. Route Nr.1 impassable during the day due to Bailey Bridge Construction.
5. 12 July 1945 NICE (FRANCE)
- a) Talked to Mr. LESIEUX, Chief Engineer. He agreed to travel to GENOA for conference with C.I.E.L.I. on 19 July 1945. ^{7/23}
 - b) Was given maps of french transmission-lines in MENTON & NICE areas.
 - c) Arranged passes for french officials to enter Italy through

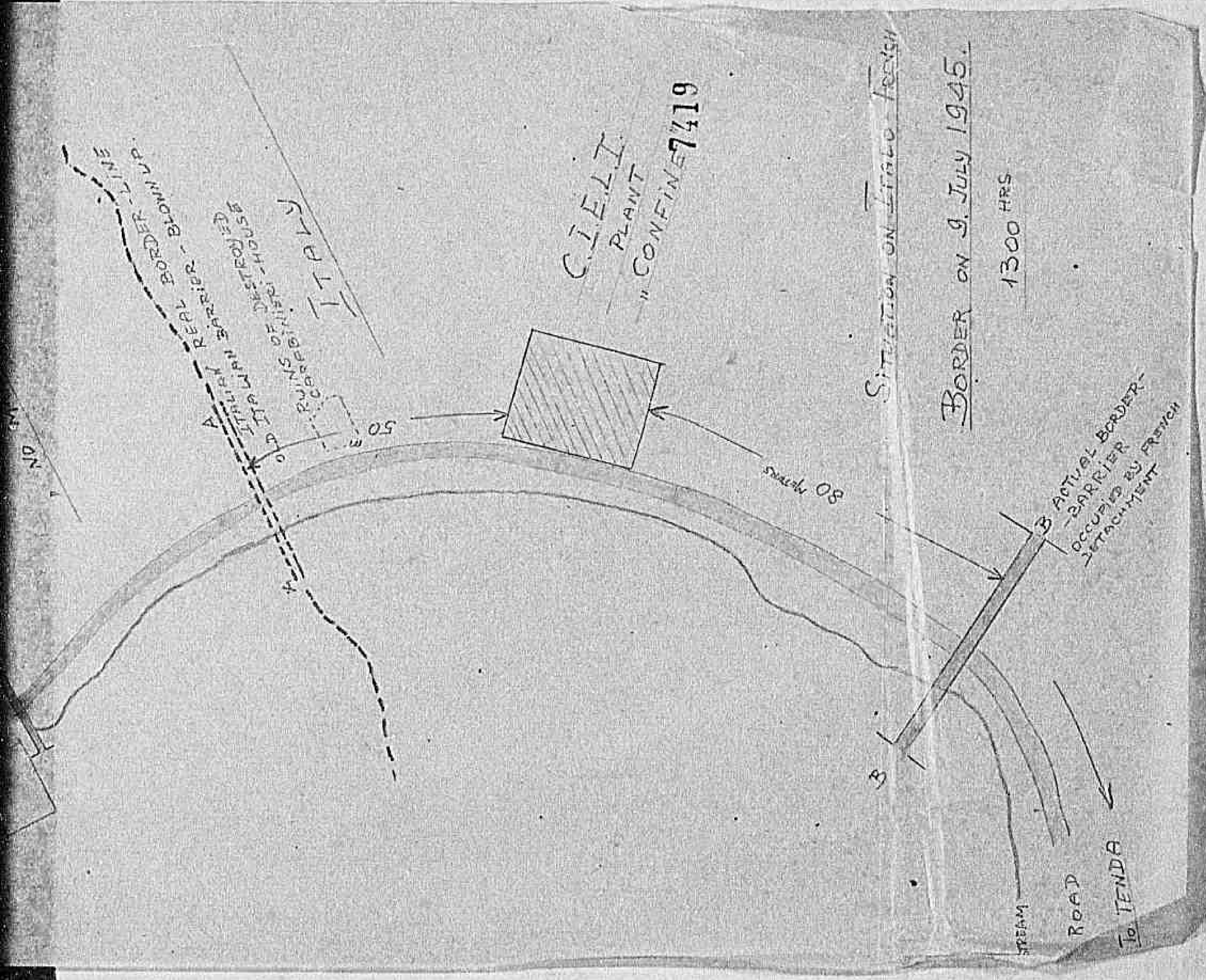
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 - b) Was given maps of french transmission-lines in MENTON & NICE areas.
 - c) Arranged passes for french officials to enter Italy through Mr. BATTEN C.I.C. Border Control.
 - d) The French will report to me in GENOA on the evening of 18 July 1945.
 - e) All necessary arrangements will be made for the meeting on 19 July 1945 to be held in the C.I.E.L.I. Office Viale Brigate Bisagno 1, GENOA.

COPY TO :

Regional Commissioner, Liguria Region
Regional Engineer, Liguria Region


ELMO E. PARKER
Capt. Inf.
Electrical Officer



~~TOP SECRET~~ TOP SECRET BY AUTHORITY OF SAC

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

RECEIVED
P.W. & U. S/C.A.C.
17 JUL 1945 239

5853

JB/JJJr

Even Sec

Copy no 1.

16 July 1945

SUBJECT: Power Supply, Northwest Italy to Southeast France.

TO : Headquarters, Allied Commission, APO 394 ←

1. Reference your letter 239/PWU of 11 July inclosing draft contract and copies of correspondence.

2. Pursuant to our cable FX 22265 of 14 July we are returning to you herewith the inclosures to your 11 July letter under reference together with a copy of SHAEF's detailed report, dated 2 July, which is now at hand.

3. It is desired that you amend, if necessary, your draft agreement in the light of SHAEF's report and resubmit the agreement to this Headquarters.

For the Assistant Chief of Staff, G-5:

34 refers

Julius Byles
JULIUS BYLES
Major, G.S.C.

Incls:
All incls to ALCOM's letter
239/PWU of 11 July to G-5.

Copy to:
Engrs (Br), A.F.H.Q., (without incls.)

Copy no 2 of this letter
and report from SHAEF.
passed to Economic Section
17 Jul 45.

J. W. Dwyer
Econ Sect

H. J. R.
Have talked to Major
Byles regarding this.
(17 July).

TOP SECRET

8
HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION
APO 394

OFFICE OF REGIONAL ENGINEER

RECEIVED
P.W. & U. S/C A.C.
18 JUL 1945 239

14 July 1945

LIG/PWU/114

SUBJECT : C.I.E.L.I. Plants, VALLE ROIA Group

TO : Public Works & Utilities Sub-Commission,
Headquarters A.C. A.P.O. 394 U.S. Army
Attention Lt. Col. RENTON, LAPPER

1. Attached is copy of report requested by Captain HART
OSS from C.I.E.L.I.
2. This report was submitted to Captain HART after approval by this office.



Elmo E. Parker
ELMO E. PARKER

Capt. Inf.

Electrical Officer

7417

COPY.

TRANSLATION

French Military Mission
to AFHQ

12 July 1945

G-3

477/ML/3

SUBJECT: Morgan - Carpentier Agreement - Electricity supplied
by the power plants of the Upper ROYA.

1. The Morgan - Carpentier agreement which laid down the detailed conditions of the evacuation by French troops of the zone occupied in the NW of Italy and their relief by Allied units, also stipulated in one of its articles that a portion of the power produced by the Italian power plants in the upper valley of the Roya would be available to France.

2. The object of this arrangement was to enable the French authorities to continue to have at their disposal, as was the case during the period when the French troops occupied this valley, a certain amount of the electrical output of this region, consequent on the destruction of the French power plants at BREIL and GULDEN.

3. General of Army JUIIN, chief of the General Staff of National Defence has instructed the Chief of the French Military Mission to A.F.H.Q. to request the Allied Authorities, with a view to implementing the above cited clause of the Morgan - Carpentier agreement, to put permanently at the disposal of the French authorities, 6,000 Kilowatts at a tension of 30 kilovolts from the output of the Italian power plants.

4. The difference of tension in the electric current cables in Italy and France will necessitate the use of a transformer in the plants that produce the power in order to reduce the voltage from 70 to 30 Kilovolts. In addition a special cable will be required to carry a current of this tension.

These technical points are noted here for information only.

5. It will also be necessary for permanent "laissez-passer" to be granted to the French personnel responsible for handling the technical side of the delivery of the current so that they may keep in close touch with the Engineer at San-Dalmazzo.

6. The Chief of the French Military Mission to AFHQ has the honour to request the Allied Authorities to advise him of the conditions under which the above requests could be granted.

Colonel LAPARRA, Chief of
the French Military Mission
to A.F.H.Q.

/s/ LAPARRA.

JRB/ewf

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

Originator's Reference: 537

Message Centre No: E/9705

Date/Time of Origin: JULY 14 1440

Date Time Rec'd: JULY 15 0930

Precedence: OP PRIORITY

FROM: ANB LIGURIA REGION FWU

TO : HQ AICOM CITE FWU ATTENTION LT COL BENSON

RECEIVED
P.W. & U. S/CAC
15 JUL 1945 219

NOV

SECRET.

Meeting of French and Italian officials in regard electric energy supply to
FRANCE to be held in GENOA 19 July 1945. Your attendance invited. Signed PARKER

HEADQUARTERS
15 JUL 1945
A. C.

LIST

ACTION FW & U SC
INFO CHIEF COMMISSIONER
ECON SEC
FILE

SECRET

7415
HGP

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

Originator's Reference: EK 22265

Message Centre No: E/9664

Date/Time of Origin: JULY 14/0833B

Date Time Rec'd: JULY 14/1830B

Precedence: ROUTINE

FROM: AFHQ SIGNED SACRED CITE FHGEG

TO : ACTION: ALCCM ROME INFO: SHAF MAW, FIFTH ARMY

EJR

ACTION

CONFIDENTIAL.

Draft agreement between French and Italian companies received under cover your 299/PW of 11 July. Since detailed report mentioned in SHAF MAW'S S-96508 not yet received, draft agreement being held here and will be returned to you together with detailed report so that you can revise if necessary.

RECEIVED
P.W. & U.S./CA
15 JUL 1945 239

HEADQUARTERS
15 JUL 1945

CONFIDENTIAL

DIST

ACTION : PW

INFO : CHIEF COMMISSIONER
ECOMSEC
FILE (2)
FLOAT

7414

HJR

TOP SECRETFILE
Copy no 5. 26
EJR/aoTel. 489081
Ext. 320HEADQUARTERS ALLIED COMMISSION
APO 394

Public Works and Utilities Sub-Commission

Reference : 239/PWU

11 July 1945

Subject : Power Supply to Southeastern France

To : A.F.H.Q. - G-5

1. Reference to FX 14262 cite FMGEG signed Alexander.
2. Attached are copies of references and a suggested form of agreement to be entered into between the Compagnie Imprese Elettriche Liguri of Italy and the Energie Industrielle of France.
3. The French ask for a two to two and one half year term of agreement pending rebuilding of bridges and own power plants in France. It is believed with proper initiative and energy that should be accomplished at least in part in about a year. Then in June 1946, there is no reason why another contract can not be negotiated depending on circumstances at that time.
4. The quantity asked by the French, 5,000 KW, represents only about 50% of the capacity of their two plants which were completely destroyed. Approximately 60% of the amount requested is required for the Nice area where a troop camp is established.
5. Both the Finance and Legal Sub-Commissions of ALCOM have passed on this form of agreement. At a conference in Nice on 6 July 1945 representatives of the Italian and French companies were in attendance and agreed on most of the basic items.

For the Chief Commissioner,

cc : Executive Commissioner
Economic Section
Regional Commissioner Liguria
Region (Att. Reg. Engineer)E.J. RISTEDT
Colonel, C.E.
A/Director
P. W. & U. S/C

7413

Enclosures :

copies of cables

copy of form of contract

" " reports by Maj. Reeson and Capt. Parker

TOP SECRET

CONFIDENTIAL

Tel. 489081

Ext. 589

HEADQUARTERS ALLIED COMMISSION

APO 394

Public Works and Utilities Sub-Commission

HJR/ot 25

Reference : 239/PWU

10 Jul 45

To : Regional Commissioner, Liguria Region.
(Attention Regional Engineer)Subject : Sale of power "OIELI" (Italy) to
"Energie Industrielle" (France).

1. Inclosed 1 copy of suggested form of power contract, and report relative to recent visit to Genoa and Nice by Major Rosson.

2. The contract form will be useful to Capt. Parker in future meetings with officials of the companies concerned.

3. We are of the opinion that both this Headquarters and Liguria Region should do everything possible to assist the companies concerned in executing a satisfactory contract, even to the extent of acting as arbitrator when honest differences of opinion arise. However, the transaction should be considered as essentially a business deal between two private utilities which will be mutually beneficial to the contracting parties.

By command of Rear Admiral STONE

E. J. RISTEDT,
Colonel, C.E.,
Director.**CONFIDENTIAL**

7412

Enclosures :

- 1 copy of form of contract
- 1 " " report by Maj. Rosson

Tel. 478906

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

HJR/ac

MEMORANDUM

9 July 1945

Subject : Report of Major H.J. Rosson on trip
to Genoa (Italy) and Nice (France)

- 1) Purpose of trip was to discuss form of power contract with officials of Italian and French companies, and prepare a tentative agreement acceptable to both parties.

- 2) Genoa conference - 4 July 1945, 1100 hours

Present : Maj. H.J. Rosson - P.W. & U. Sub-Commission
Capt. Elmo E. Parker - Liguria Region
Eng. C.P. Durnovo - " "
Eng. Balsamo - Director CIELI

- (a) Balsamo agrees to furnish transformer connections to deliver power at approximately 40,000 volts, and will sell power (5,000 KW) to French at terms applicable to bulk consumers in Liguria area.
- (b) Suggests that contract contain provision whereby additional price will be paid if it is necessary to operate thermal stations, or that amount of power supplied will be reduced in proportion to percentage of thermal power to total power.

- 3) Nice conference - 6 July 1945, 1000 hours

Present : Maj. H.J. Rosson
Capt. E.E. Parker
Mr. Louis Lesieux (Chief Eng. Nice Area
French Government)

Mr. Emilian Eynard - Assistant
Mr. Paul Milhan - Director "L'Energie Industrielle"

- (a) French officials objected to proposed term of contract (1 Jan. 1945). Contended that 2 to 2½ years required to rebuild French plants destroyed by Germans and Italians. Desire to settle matter for longer period when AMG is still in position to act as arbitrators.

- (b) Objection to rationing. Contend that French are already rationed approximately 50% when power is limited to 5,000 KW and 3,000,000 kWhrs per month. Also object to fuel clause (desired by Italians) during low water periods.
- (c) French have completed repairs to transmission line from San Dalmazzo to branch serving French territory. Transformer connections have also been revised to provide power at suitable voltage.
- (d) Agreeable to contract price suggested by us, and also agree upward revision if rate increases necessary in Liguria.
- (e) Chief concern of French is that power supply will be discontinued when plant is turned over to Italians on 10 July. Assured them this would NOT happen.

4) Turin

Conference with Col. Birchett - 7 July 1945.

Pointed out that supply to French necessary because :

- (a) Old steam plant at Menton NOT in operating condition even if coal were available.
- (b) Entire Menton area has 50 cycle supply through one old Rotary converter which is liable to fail at any time.
- (c) Considerable power required to supply American needs in Riviera area. On 6th July approximately 11,000 troops were housed in Nice Hotels.

5) General

Final contract will have to be negotiated between representatives of contracting parties. Suggested conference between directors of the companies at San Remo or other suitable place. Agreed. Capt. Parker will arrange for permits and will attend meeting accompanied by Italian company officials.

Verbally reported results of meetings to Regional Engineer Lee and Brigadier Carr (Liguria). Capt. Parker to confirm in written report.

7410

Policy question involved is continuation of supply to French after Italians assume control. Col. Lee authorized Capt. Parker to spend the day of 10th July at the San Dalmazzo plant to assure maintenance of supply. Capt. Parker will do this, and will be accompanied by an executive of CIELI.

IV Corp AMG (Col. Walker) should also be advised by AC that all necessary precautions should be taken to prevent interruption of supply after July 10.

Before contract is finally signed by French and Italians it will probably be necessary for AMG or this Headquarters to act as arbitrators.

7409

C O N F I D E N T I A L

Memorandum regarding the request of the "Energie Industrielle" (France) for a supply of electricity from "Compagnia Imprese Elettriche Liguri" (Italy).

1) References attached

- (a) Cable SHAEF to AFHQ 26 June 1945 S - 93149
- (b) " " " " 27 " 1945 S - 93654
- (c) " " " " 28 " 1945 EX 14262
- (d) Notes of meeting held at Nice on 29 June 1945 between :

Lt.Col. Albert W. Page (Br)

Lt.Col. Emile O. Meyer (Fr)

address : SHAEF P.C.A. Utilities G-4

APO 757 U.S. Army

and

Capt. Elmo E. Parker (A)

Liguria Region A.M.G.

- (e) Report of Maj. Rosson on conference at Genoa and Nice 1st and 6th of July 1945.

- 2) In view of the urgent need for power in southern France due to lack of coal and damage to the Fontan and Br  l Power Stations it is considered that the "Compagnia Imprese Elettriche Liguri" (Italy) should be requested to make an agreement with the "Energie Industrielle" (France) for the supply of electrical power from northern Italy. The following form of agreement is proposed :

FORM OF AGREEMENT

- (1) The "Compagnia Imprese Elettriche Liguri" of Italy will make available to the "Energie Industrielle" of France at the San Dalmazzo Power Plant for a period of approximately twelve (12) months ending 30th June 1946, electrical power in the amount and within the conditions as stated below.

C O N F I D E N T I A L

- (2) The continuance of the supply beyond 30 June 1946 will depend on conditions obtaining at that time, and on the desires of the contracting parties. Factors to be examined at this time will be :
 - (a) Amount of power required in northern Italy considering the reactivation of industry.
 - (b) Restoration of generating stations in France.
- (3) The quantity of electricity supplied in any one month shall not exceed the following amount :
 - (a) Five thousand (5,000) kilowatts of maximum demand.
 - (b) Three million (3,000,000) kilowatt-hours measured at the point of supply at the San Dalmazzo Power Plant.
- (4) The frequency of the supply will be at 50 cycles per second at a pressure of approximately 40,000 volts measured at the point of supply at the San Dalmazzo Power Plant.
- (5) Delivery of power at 40,000 volts at San Dalmazzo Sub-Station prevents normal operation of the transmission system south of this station. Necessary transforming facilities shall be provided by the Energie Industrielle (France) at a suitable location so that power can be delivered at 70,000 volts prior to such time as the necessary repairs to provide normal conditions have been made by Compagnia Imprese Elettriche Liguri (Italy) to their 70,000 volts transmission system.
- (6) The "Energie Industrielle" (France) will make payment on monthly accounts rendered by the "Compagnia Imprese Elettriche Liguri" (Italy) for all energy taken at the point of supply. The charge made for electric service will be similar to that for bulk supply consumers within the Liguria Area as provided in contract existing between the "Compagnia Imprese Elettriche Liguri" (Italy) and Fratelli Bruzzo Ferriera di Bolza neto.

C O N F I D E N T I A L

- (7) In order that the "Compagnia Imprese Elettriche Liguri" (Italy) may meet the above conditions and maintain a continuous supply of energy to France it is necessary that the French authorities return to them the full control and operation of the generating stations and transmission system which have recently been under French control.
- (8) It is recognized that economic conditions may necessitate an increase in the price of electrical energy. Any changes in price will be the subject of additional discussions by the contracting parties, but such changes shall be effective on the date and similare to percentage increases of other bulk consumers including Fratelli Bruzzo Ferriera di Bolzano.
- (9) While everything possible will be done by the Italian electrical company to maintain supplies to France it is understood that in the case of breakdown to plant or transmission line or for any other cause necessitating the rationing of power produced at the San Dalmazzo station, the French authorities will be requested to share in an equal amount with that of the Italian area affected.

7406

C O N F I D E N T I A L

C O P Y
S E C R E T

File 238

27

RHGE S 96508
JULY 101650

E/9118
JULY 110900
ROUTINE

SHAEP SIGNED TEDDER CITE SHGDS
AFHQ INFO ALCOM ROME, 15 ARMY GRP, 5 ARMY.

SECRET.

Reference FX-17388 dated 4 July 1945.

No further meeting necessary. Detailed report being sent to you.
Suggest await its arrival before deciding on the form of the agreement
between French and Italian companies.

DIST

INF-ACT - EX COMMISSIONER 2
ECON SEC
INF - CHIEF COMMISSIONER
FILE 2
FLOAT

7405

S E C R E T

INCOMING MESSAGE

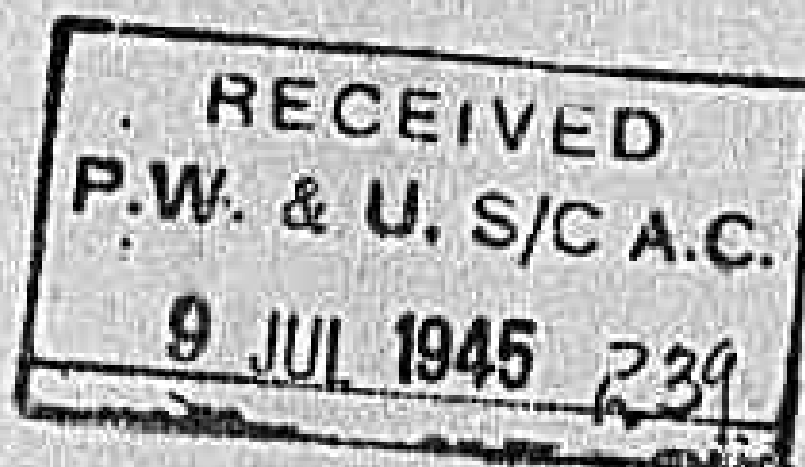
HEADQUARTERS ALLIED COMMISSION

Originator's Reference: F 19550
 Date/Time of Origin: JULY 091155

Message Centre No: E/8849
 Date Time Rec'd: JULY 091615
 Precedence: ROUTINE

FROM: AFHQ SIGNED SACRED CITE FHGEG
 TO: AICOM ROME

SECRET



SECRET.

(Reur 1007 cite AGPWU)

Statement requested as to when agreement will be submitted here. Desired clear this matter without delay.

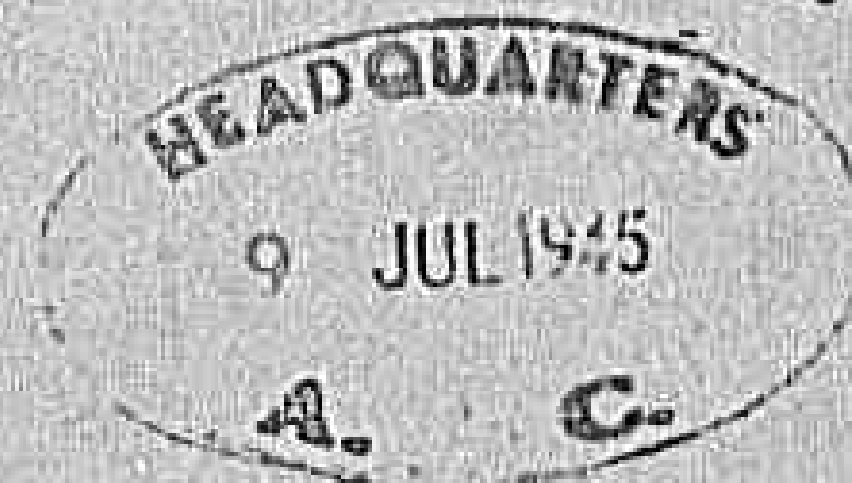
DIST

ACTION PW & U SC
 INFO CHIEF COMMISSIONER
 ECON SEC
 FILE 2
 FLOAT

ACTION

7404

SECRET



- 1 -

R E P O R T

on the conference of
 July 6-th, 1945 from 1045 to 1215 hrs
 at NICE (Alpes Maritimes) FRANCE.

P R E S E N T:

Major H.J.ROSSON
 Captain E.E.PARKER
 Eng. C.P.DURNOVO

Mr.Louis LESIEUX
 (Chief Engineer)
 Mr.Emilien EYNARD
 (representative of
 Chief Engineer)
 Mr.Paul MILHAU
 (Director of French
 Electric Company
 "L'Energie Industr.")

The conference was held in the
 Offices of the Chief Engineer
 41, Rue Gounod NICE (Alpes M-es)

Situation
before
the war:

The french engineers explained that before the war the situation as regards supply of electric energy of this whole region - was the following: The supply of energy came from two plants (at BREIL and FONTAN) each supplying about 11.000 KW in total about 22.000 KW. The plant of FONTAN produced about 38.000.000 KwHrs yearly and the plant of BREIL about 40.000.000 KwHrs a year, totally about 80.000.000 KwHrs/year.

War damages:

Upon declaration of war to France by Italy on 15 June 1940^{7/02} the plant of FONTAN was bombarded by italian planes. After this the whole region was occupied by italian troops who took possession of the french plants and produced for Italy french electric energy paying the same at the price of Lire 0,10 /KWhr. Upon the landing of USA troops at Cavallaire (near TOULON) - the whole region was cut by the front-line and was area of war-actions between german and allied troops. The germans and may-be fasists (occupying the area from 1 September 1944 till the liberation in April 1945) -systematically destroyed both

- 2 -

on italian side
plants of FONTAN & BREIL (as well as those of AIROLE & BEVERA) so that even the walls of the same shall have to be reconstructed. The reconstruction and full renewal of these two plants shall, according to the estimates of the french authorities, take about 2 years; in the meanwhile one new generating group has been allready ordered for the renewal of these plants, but further reparation-works are delayed because the ruins of the two plants are not yet free to access, because three bridges on road to them are destroyed.

It is to be noted that the plant of MENTON (thermic) cannot be considered as a possibility for supply of energy in the meanwhile, because it is very old and completely abandoned since 10 years, beeing therefore not in operating condition. Its complete renewal should be necessary if it should be put into operation.

Actual State:

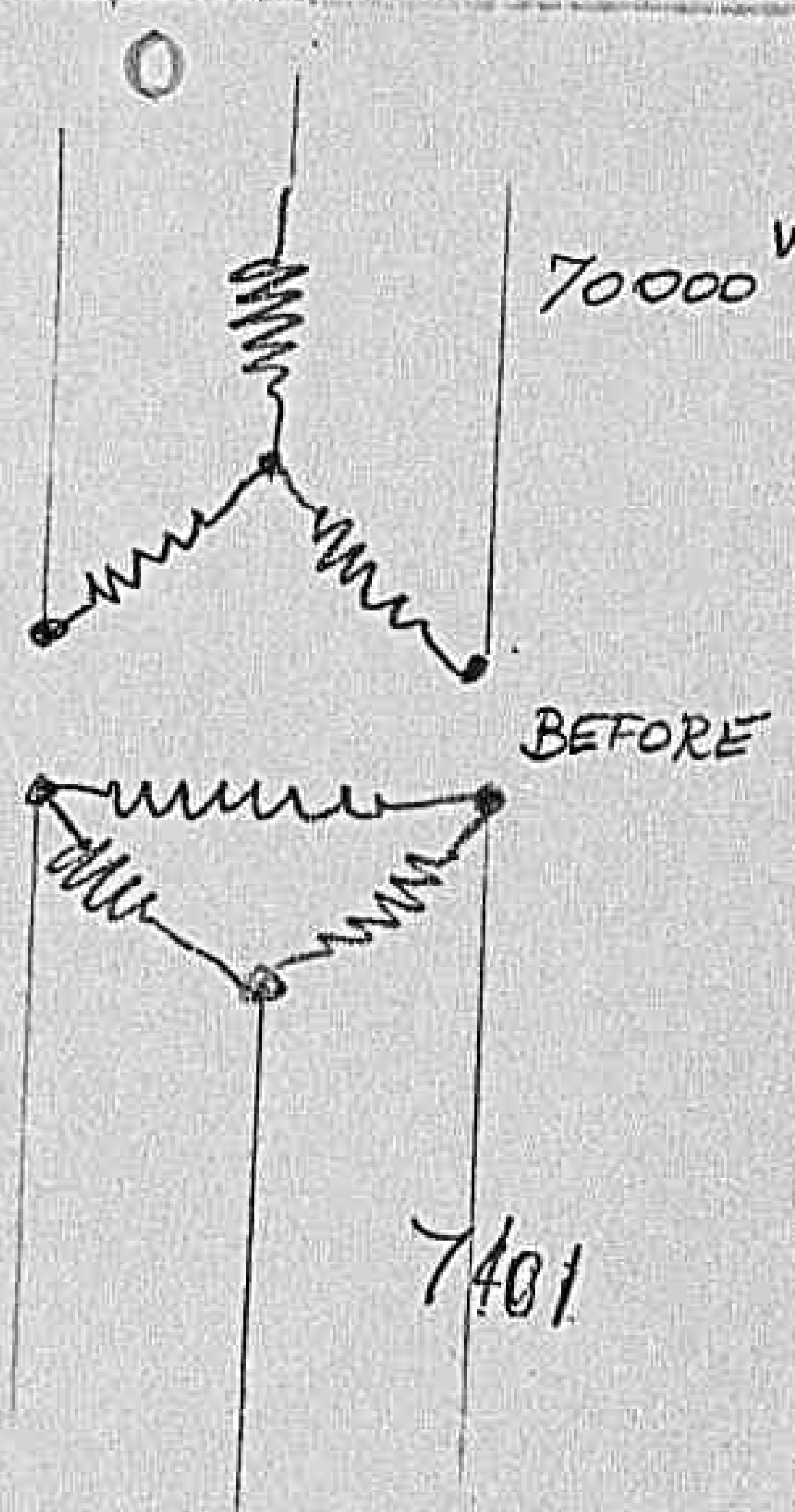
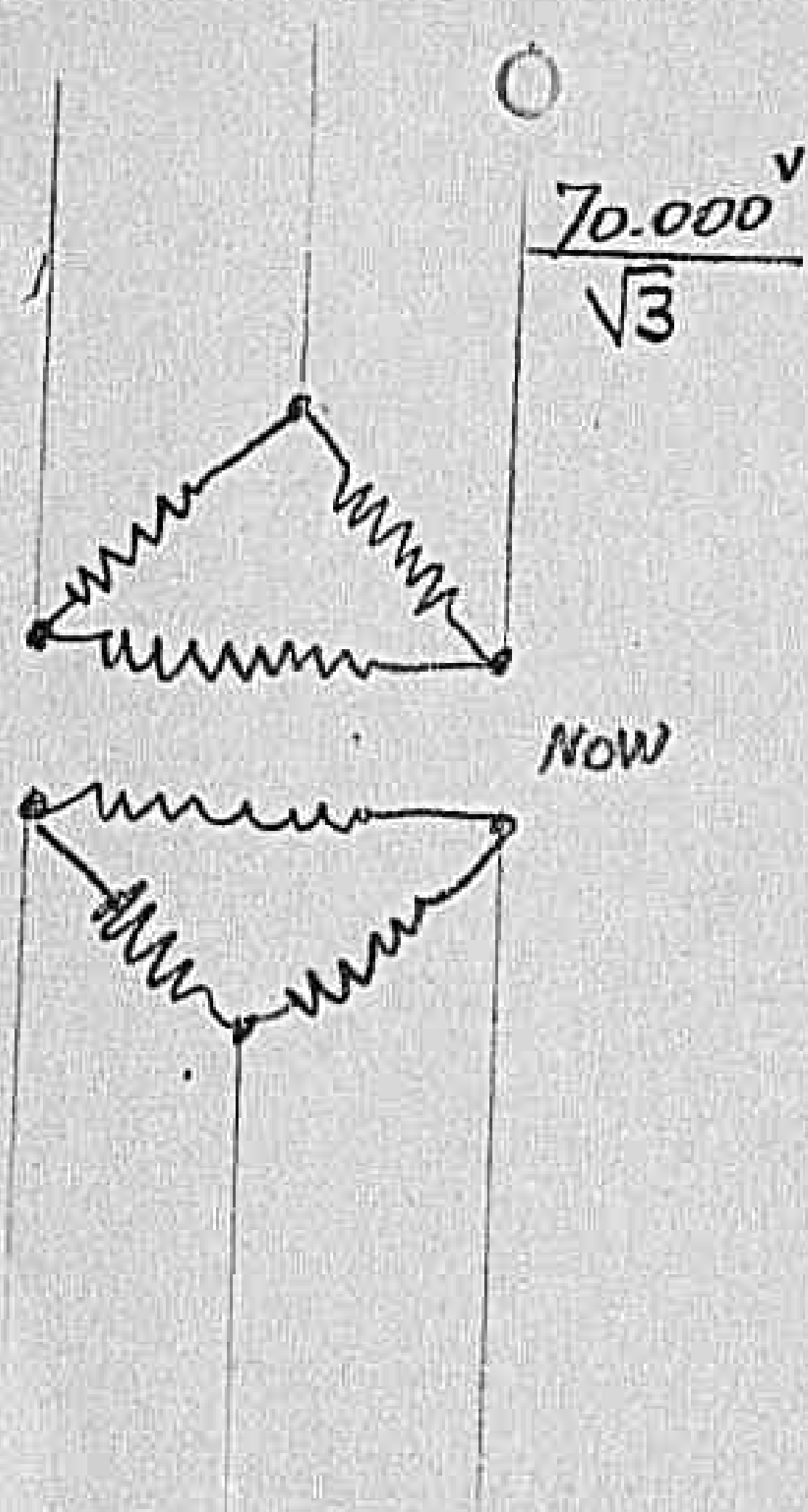
Actually the whole region gets electric energy from another plant in France - arriving to a converter (situated in BEAU-SOLEIL -poste de BORDINA). This converter presents two great disadvantages:

- (a) it is very used
- (b) it is a rotative machine -thus very exposed to damages of every kind.

In consequence, if actually this converter is out of use - the whole region remains without current and water. 7402

Works on
italian plant:

After occupation of the italian group of plants by the french troops (plants of SAN DALMAZZO, MESCE & CONFINE) - the french electric Company "L'Energie Industrielle" made the necessary changements in the connections of one of the transformer-groups at the San Dalmazzo plant - so that supply of electric energy



- 3 -

at a tension of about 35.000 Volts is now possible (see attached schema) - connected the plant with its lines and is now in a position to be able to supply electric energy to the whole region. This supply shall begin to-day 7 July 1945 or to-morrow. From the total of 5 groups existing in the plant of SAN DALMAZZO the french Company is using 1 group with 16 cycles and one with 50 cycles, the remaining 1 group of 16 cycles and two groups of 50 cycles - being left to the italians for their own supply and particularly for supplying the italian state railways with 16 cycles current.

The transmission line to Breil has also been repaired by the french electric company.

Desires:

- a) The french desire to be constantly supplied from the SAN DALMAZZO plant; their wants are 2.000 KW for MENTON and 3.000 KW for NICE and surrounding region, in total = 5.000 KW. The french authorities consider this a partial and fair reparation for the 22.000 KW they had before the war (see page 1) and which they lost because Italy declared war upon them.

- b) Monthly - the french needs are:

for NICE and area	3000 KW x 24 hrs x 30 days	= about 2.000.000KWH
for MENTON and area		= " 1.000.000KWH
		In Total " 3.000.000KWH

or in a year about 36.000.000 KWHrs, which amount they consider as a fair reparation in comparison to the before-war amount of about 80.000.000 KWHrs produced by FONTAN and BREIL. (50%).

Discussion of project of agreement with C.I.E.L.I.:

Dis-cussing the terms of the form of agreement with the italian electric company C.I.E.L.I. of GENOA (Italy) - the french engineers observed the following principal points:

- 1) They agreed that the supply-point of the energy shall be at

Transmission only.

? No

7400

- 4 -

SAN DALMAZZO, but remarked that in this case they shall have to take on the 20 % losses on the lines from SAN DALMAZZO to MENTON and that this should be taken into consideration when discussing prices directly with C.I.E.L.I.

- 2) They objected to the contract being drawn up only till 31 December 1945 and suggested the final date to be 31 December 1946 or "date of renovation of the plants of FONTAN and BREIL".
- 3) Insisted on getting 3.000.000 KWHrs monthly at 35.000 Volts.
- 4) Regarding the price - it was agreed that the prices paid to CIELI by "Fratelli BRUZZO FERRIERA BI BOLZANETTO" are a good basis for conversations. This firm consumes 6.000 KW and pays
 Lire 0,273/KWH for the first 165 Hrs of the month
 Lire 0,234/KWH for the following 85 Hrs "
 Lire 0,1625/KWH " " " " 250 Hrs "
 This question shall be discussed by the french & italian companies directly. The french desire that, in case of increase of rates in Italy -new discussions should takeplace between the french and italian companies regarding the new prices; the french agree to an increase of prices in % similar to the increase given to major consumer in italian area.
- 5) As the french troops are retiring back to France on July 10-th the paragraph 6) of the form of agreement -restoration of full control and operation of plants and transmission systems to the italian electric company -shall be entirely executed according to our desires.
- 6) Fully agreeing to an eventual interruption of the supply of energy in case of breakdown to plant or transmission ⁷³⁸⁹ - the french gentlemen do not wish to be tied by any eventual rationing of electric energy in Italy, desiring to get the 5.000 KW (3.000.000 KWHrs/monthly) in any case. The same applies

- 5 -

to the clause in our project of agreement referring to the case the italian Company should have to produce thermal energy (reduction of quantity of energy sent to France in this case).

out
Conclusion: The Chief Engineer (Mr. LESIEUX) asked us personally not to forget that this is not an ordinary contract, but that the french consider it as a partial reparation due to them for the damages done to their plants as result of italian declaration of war upon them.

Passes for 2 persons: After the retirement of the french troops from the area they actually occupy on italian territory (10 July 1945) the border shall be closed. It is therefore necessary to provide at least TWO persons working with the french company "L'Energie Industrielle" with passes, so that they could inform the CIELI plant of SAN DALMAZZO of every eventual damage or interruption occurred on the line, the telephone being not in operation. The french company shall give the names of these 2 persons to Captain PARKER (as well as copies of the maps referring to the lines) at the next meeting planned for the next week.

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7398

PERSONAL DATA FOR PASSES FOR FRENCH PARTICIPANTS
OF PLANNED CONFERENCE WITH C.I.E.L.I.:

- (1) CHIEF ENGINEER Mr. Louis LESIEUX
 Identity Card Nr. 5608
 Address: 4, Boulevard Edouard VII, NICE (Alpes Maritimes)
 Profession: Ingénieur des Ponts et Chaussées
 Born: 16 May 1907 at LIEVIN (Pas de Calais)

- (2) HIS REPRESENTATIVE Mr. Emilien Jean EYNARD
 Identity Card Nr. 1963
 Address: 11, Avenue Durante, NICE (Alpes Maritimes)
 Profession: Ingénieur des Ponts et Chaussées
 Born: 29 March 1901 at LUC en DROIS (Drôme)

- (3) DIRECTOR OF THE ELECTRIC COMPANY "L'ENERGIE INDUSTRIELLE"
Mr. Paul MILHAU
 Identity Card Nr. 4748
 Address: Villa Mirabelle, CAP D'AIL (Alpes Maritimes)
 Profession: Engineer & Director of "L'Energie Industrielle".
 Born: 3 February 1900 at ST. GIRON (Arriège)

(All three gentlemen are french citizens)

=====

It was foreseen that these passes should be brought, if possible, by Captain E.E. PARKER to NICE - for the next meeting next week (July 11-th or 12-th 1945).

7397

- *con. The*
 - *Parker*
 - *Bugatti car.*

REPORT

on conference of 4. July 1945 1100 o'clock
 at the C.I.E.L.I. Genova (Italy)

<u>PRESENT:</u>	Major H.J. ROSSON	Director of C.I.E.L.I.
	Captain ELMO E. PARKER	Engineer BALSAMO.
	Eng. C. P. DURNOVO	

Object of the conference is the discussion of the terms of the "Form of Agreement" between the Italian and French electric companies concerning supply of electric energy from CIELI to France.

The Director of C.I.E.L.I Mr. BALSAMO points out -concerning par. 2. of the agreement (continuance of supply after 31 December 1945) that this should depend upon the quantity of electric energy needed in North Italy, considering the reactivation of industry; it should also depend upon the demands in energy of the same North Italy caused by the needs in energy of Central Italy. This is important because North Italy must supply Central Italy with considerable quantities of electric energy, the electric plants in Central Italy being in a great majority destroyed or out of operation.

- 3) Concerning the supply of energy at 70.000 Volts - it is possible to use a transformer which they have, - lowering the voltage to about 41.000 Volts - and an additional lowering of the tension on the machines themselves of about 10 % - would bring the voltage to the desired cypher of about 37.000 Volts at which the energy could be supplied to the French company.
- 4) Prices: The Director shall give us copies of contracts and bills

7398

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4) Prices: The Director shall give us copies of contracts and bills for consumers of great quantities of energy.

5) In the nearest future - C.I.E.L.I. shall ask AMG to agree to an increase of rates for energy; Mr. BALSAMO says the rates should be increased 4 times, because important increases of salaries to all employees are being made from the 1-st of this month as result of high cost of life (these increases are of the nature of 200 to 250 %). It should therefore be necessary for the French company to agree also to these ^{of energy-rates} increases/after they shall be adopted by AMG. Major ROSSON promises to send CIELI several forms for filling in of requests for increasing of these rates.

6) In the actual state of things (and during the dry periods of

- 2 -

weather particularly) -the CIELI plants do not produce enough hydro-electric energy themselves and must then produce thermic energy, which is paid for at a higher rate by the consumers, special clauses regarding this being foreseen in the contracts with consumers. As Mr. Balsamo thinks the french company shall not be interested in buying this dear thermic energy, - and as on the other side -CIELI produces itself a quantity of energy insufficient for covering its own needs, - it should be necessary in this case to ask the french company to reduce its needs of energy in the same proportion as the thermal energy produced to the total amount of energy produced by italian plant.

Example: On a total production of 100.000 KW - 20.000 KW are thermic energy 20 %). If the initial quantity of energy sent to France is 5.000 KW, - it should in this case be reduced with 20% or 1.000 KW = 4.000 KW.

Mr. BALSAMO insists upon the actual grave situation of the italian electric plants in general, the shortage of coal, the considerable destructions done by the war to plants in Central Italy so that el. energy from the North must be supplied to them; the rationing of electric energy is already rather considerable and shall have to be very much increased in future because of dry weather and shortage of coal as well as because very soon the great industries of GENOA shall begin to work (ANSALDO) and shall consume greater quantities of energy than now, thus leaving still smaller amounts of energy for the remaining consumers. Even the arrival of COAL could not change much this situation BECAUSE THE GREATER PART OF ELECTRIC ENERGY IN ITALY IS PRODUCED HYDRAULICLY, coal being necessary in the greater part for the industry. In this situation the delivery of 5.000 KW of el. energy to France is a problem. As soon as the other great

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Mr. BALSAMO says that FRANCE has actually everything (which Italy lacks): coal, railroads in operation and possibility of getting coal from Germany, in which case the FENTONE thermic

1 - 3 -
plant could be out into operation and thus cease the supply of energy from CIELI to France.

Mr. Balsamo insists once again upon the necessity of getting back the plants of San Dalmazzo, Mesce & Confine and underlines that they do not know anything as regards what happened there during this last period of time.

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CRB/NM

esjor

21

PR/ENG/ 200-1
(July 1st. 1945)

1st. Ind.

HQ PIEMONTE REGION AMG, APO 394, U.S. ARMY, 5 JULY 1945

TO : P.W.&U. Sub-Commission AC Rome

1. Forwarded concurring in the recommendation
contained in the basic letter.

RECEIVED
P.W. & U. S/C.A.C.
6 JUL 1945 239

C. R. Birchett

C R BIRCHETT
Colonel CE
Regional Engineer
Piemonte

c.c. to G-5 IV Corps

7393

SECRET

22

RECEIVED
P.W. & U. S/OAC
8 JUL 1945 239

EM 17308
JULY 4/1937B

E/8122
JULY 5/0830B
ROUTINE

ATHE SIGNED ALEXANDER CITE THONG

ACTION : SHAFI MAIN INFO: ALCOM ROME, 15 ARMY GROUP, 5 ARMY

SECRET.

AIGOM HOME states their captain PARKER visited NICE 29 June and discussed matter with your representatives, presumably colonels MEYER and PAGE. Refs S-93654 and S-94309, and our EX 14262. AIGOM is preparing agreement between Italian and French companies giving supply of power as requested which will be sent to you for approval through this headquarters within next few days.

understand no further meeting necessary. please confirm

12

DIET

INFO-ACTION : EX C COMMISSIONER (2)
 BYRON SBO (2)
Cheney (1)
 INFO : CHIEF COMMISSIONER
 FLAOT
 FILE (2)



SECRET

HEADQUARTERS
LIGURIA REGION
ALLIED MILITARY GOVERNMENT
APO 394

2 July 1945

Subject : Allocation of electricity
to France from Italy

To : PUBLIC WORKS AND UTILITIES SUB-COMMISSION
HQ ALLIED COMMISSION - APO 394 - U.S.Army

1. In Nice (France) on 29 of June 1945 a meeting was held to discuss the allocation of Italian-generated-electricity to France. Present were :

Lt.Col. A.W. Page - SHAEF
Lt.Col. Emile O.Meyer - SHAEF
Capt. Elmo E.Parker - AMG, Liguria

2. Capt. Parker had been instructed by Col. Jordan, Executive Officer, Liguria Region, to meet Lt.Cols Meyer and Page.

3. Lt.Col. Meyer stated that the French wanted an allocation of five thousand kilowatts of electricity from Italy. Two thousand kilowatts of this amount will supply the Menton area, and the remainder would service the Nice area.

4. Since Capt. Parker was not acquainted with the overall Italian electricity picture, which will soon involve the exportation of a large quantity of power from north to central Italy, he did not feel in a position to state that five thousand kilowatts could be exported to France. He did state that two thousand kilowatts would probably be available^{7/6/45} and added that this quantity would compensate for the supply

- 2 -

formerly received from the two French plants , Breil and Pontan. These plants have been destroyed.

5. The SHAFF Officers stated that any allocation to France would necessitate the use of a 70/30 KV transformer, since the Italian transmission voltage is 70 KV and the French, 30 KV. The transformer would probably be located in the Menton area.

6. Lt.Col. Meyer stated that he would ask for an allocation of coal for the Menton Steam Plant if two thousand kilowatts (2,000) were the maximum the French could have. He added that if the coal were made available the Menton area could be served without assistance from Italy and further said that any excess could be supplied to the Nice area. The capacity of the Menton Plant was reported by Lt.Col. Meyer to be approximately three thousand kilowatts (3,000).

7. In the event that not more than two thousand kilowatts (2,000) could be supplied to France from Italy, Lt.Cols Meyer and Page asked that Alcom submit through channels to SHAFF a report explaining the overall electricity picture in Italy and showing why the quantity of two thousand kilowatts (2,000) is the maximum power available for France.


ELMO E. PARKER
Captain Inf.
Electrical Officer

7393

299
23918
19

AFHQ CITE ENOCH

1007

1 JUL 45

PRIORITY

SECRET P D

SUBJECT: IS ELECTRICITY TO FRANCE PD

PARADE TO AFHQ CITE ENOCH FROM HQ ALCON CITE AGRI FARMPARA ONE PD FOR YOUR INFO ^{XRAY} ONE FOUR TWO SIX TWO OF TWENTY EIGHT JUNE PDPARA TWO PD CONFIRMATION TELEPHONE CONVERSATION COLONEL LAPPET TO MAJOR
ENLIS TODAY PD CAPTAIN PARKER OF ABC LIBERIA REGION VISITED NINE TWENTY
NINETEEN JUNE AND DISCUSSED MEET NG WITH SHAFI REPRESENTATIVES PDPARA THREE PD WE ARE NOW PREPARING AGREEMENT BETWEEN ITALIAN ELECTRIC
COMPANY AND FRENCH COMPANY TO GIVE SUPPLY OF POWER AS REQUESTED PD

PARA FOUR PD WILL SEND THIS TO YOU FOR TRANSMISSION TO SHAFI IN FIVE DAYS

23 Refers

7389

PUBLIC WORKS

347

JSB/jb

HEADQUARTERS
PIEMONTE REGION
ALLIED MILITARY GOVERNMENT
APO 394
PW&U DIVISION

July 1st 1945

SUBJECT: Electric power near the borders of Italy and France.
TO : Regional Engineer, Piemonte Region.

In compliance with your request I talked with Capt. Parker at Genoa June 27, who had visited Nice, France June 22 in connection with the three Italian power plants that had been taken over by the French.

Capt. Parker had talked with Mr. Lessieux, Chief Eng. of ponts et chaussers in Nice. He was told that the two French plants at Breil and Fontan produced 5000 kw. Mr. Lessieux asked that 5000 kw. be allotted from the Italian plants owned by CIELI to be used in France.

I talked with Major K.C. Hormeling, Engineer of the Riviera District who stated that the only power needed by the Military in the Nice area was for lighting in the hotels and this was not great.

When I reached Nice June 28, Mr. Lessieux was away and would be away several days. I talked with his assistant Eng. Mr. Eynard and one of his electrical engineers. I was told that the two destroyed French plants had a capacity of 11000 kw. and they desired at least that much from the Italian plants.

Lt. Col. A.W. Page (British) and Lt. Col. E.O. Meyer (French) came in Nice from Frankfurt Germany June 29. They were from SHAEF. They were met there by Capt. Parker of Eng. Div. Liguria. They were to get information about the power situation. I discussed with them the problems and needs.

As the people contacted did not agree on the needs and capacities of the plants I visited each plant June 30 to get the real truth. 738

BREIL PLANT (FRENCH)

This plant has a capacity of 6000 kw when water is available. During the winter its capacity drops to 3000 kw because of low water. Plant totally destroyed. Power from here normally

goes to Menton area.

FONTAN PLANT (FRENCH)

This plant has a capacity of 10,000 kw when water is available. In winter capacity drops to 1200 kw because of low water. Building could be repaired easily. Machinery badly damaged; could be put in operation in three months if material and machinery could be gotten.

The two above mentioned French plants have a capacity of 4200 kw during the winter when the capacities are lowest, because of the low flow of water at that time.

CONFINE PLANT (ITALIAN)

Plant capacity 11300 kw when water is high. Three machines, one damaged. Two machines in good condition with a capacity of 6900 kw. Plant is slightly damaged but can be put in operation in one month or less. Capacity in winter when water is low is 2000 kw. Previous information was that this plant was totally destroyed.

LE MESSCE PLANT (ITALIAN)

Capacity of plant 3800 kw. Has not been damaged. Is operating now for the area close by the plant. In winter has a minimum capacity of 500 kw. Previous information was that this plant was damaged and could not easily be repaired.

S. DALMAZZO PLANT (ITALIAN)

This plant has three generators with total capacity of 24000 kw at 50 cycles for lighting and power, and two generators with a total capacity of 16000 kw at 16 cycles for railways.

Rec'd	5 July 1945
Sent to	col Binkett
Reply or	
Action by	
114	FILE NO. 200.1 (B)

7387

PRODUCTION FOR YEAR 1943
(S. DALMAZZO PLANT (Italian))

MONTH	POWER FOR RAILWAYS 16 CYCLES KWH	POWER FOR LIGHTING AND INDUSTRY 50 CYCLES KWH
JANUARY	3,256,000	2,702,000
FEBRUARY	1,858,000	1,485,000
MARCH	3,285,000	1,869,000
APRIL	4,724,000	6,376,000
MAY	3,495,000	8,028,000
JUNE	3,419,000	3,378,000
JULY	3,120,000	1,463,000
AUGUST	2,780,000	34,000
SEPTEMBER	2,032,000	1,857,000
OCTOBER	2,422,000	6,856,000
NOVEMBER	2,801,000	1,639,000
DECEMBER	2,274,000	313,000
TOTAL FOR YEAR	35,458,000	36,005,000

- 1 - When French moved in May 8, power was sent to Fontan to supply them.
- 2 - May 13 one generator was started for railway from Turin to Genoa.
- 3 - Only power generated now is from this one generator for this railway line.

- 4 - French have released the Italian engineer but still have their own engineer in plant and control it.
- 5 - In addition to water from flow of river they have five lakes as reservoirs.
- 6 - Plant is used to generate power, but especially for emergencies, as they can produce 40,000 kw for several days by drawing water from the reserves in the lakes.
- 7 - In winter they can produce only 6000 kw continuously.
- 8 - This plant is not damaged.

In order to feed power into France it will require one month to repair and rebuild the power lines.

There is sufficient power in France and Italy with the present plants in all seasons except the four winter months. So it seems that all of our discussion should only concern itself with the capacities in these months.

WINTER CAPACITIES

Breil plant (French) destroyed	3000 kw
Fontan plant (French) damaged	1200 kw
Total French plants not working	4200 kw
Confine plant (Italian) can operate in one month	2000 kw
Le Mesce plant (Italian) working	500 kw
S. Dalmazzo plant (Italian) can produce	6000 kw
Total Italian plants workable in one month	8500 kw

During the winter months when power from water is lowest the Regions of Liguria and Piemonte usually operate their steam plants. The capacities of these steam plants is more than 200,000 kw. It now appears that there will be little or no coal for this purpose this winter. The 50,000 kw steam plant at Genoa is damaged, and it will require six months to repair it. Therefore it certainly seems that there will be a shortage of power this winter if industry begins to operate as expected.

There is a steam plant at Menton, France of approximately 7000 kw capacity in the area where the power from the destroyed French plants is used. I am told that coal can be unloaded at this port.

7385

CONCLUSIONS

The two French plants destroyed or damaged have a total capacity of only 4200 kw in winter and this small loss will not seriously effect their system. Because they have had control

of the Italian plants they desire to retain it. If coal could be gotten for their steam plant at Menton they could produce more than they lose by the small damaged plants.

If the Italian plants are required to send power into France it will divide the small amount that can be generated by these plants and not do either much good. If it is done it will probably cause continued arguments between the French and Italians.

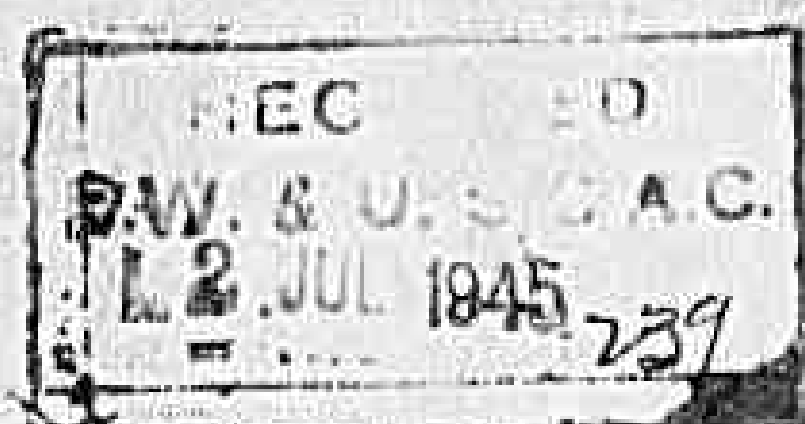
If this power is sent to France then some power will have to be sent from Piemonte to Liguria.

In addition to this there is a plan to send power from these areas to central Italy where it is badly needed.

RECOMMENDATIONS

- 1 - Do not allow any of the power generated in Italy to be sent to France now.
- 2 - When, and if, France seriously needs power review the situation at that time and supply them, if it can be spared from Italy.
- 3 - Arrange for the steam plant at Menton, France to operate during the season when the power supply is low, if needed.
- 4 - Have the French to connect their lines to the Italian lines so an exchange of power can be made quickly if needed.
- 5 - Request the French to repair their damaged plants and lines as soon as possible.
- 6 - Assist them in getting material to make repair so at least one of the damaged plants can operate during the coming winter.
- 7 - Have the French and Italian power companies concerned agree on rates etc. before an exchange of power is required to prevent delay at the time it is needed.

J S Bennett 7384
 J S BENNETT
 Lt Col
 Electrical & Mech Section



C O P Y
R E P O R T

/sg
[Handwritten signature]

"SAN DALMAZZO DI TENDA" generating station has a continuous effective power of 35000 KW, of which 24000 KW at 50 p/s for domestic and industrial purposes, and 11000 KW at 16 p/s for rail way service only.

"CONFINE" generating station has an effective power of 8500 KW at 50 p/s, but owing to road mines explosion, his power is now lowered to about 4 500 KW.

"LE MESOE" generating station has an effective power of 2000 KW.

The total effective power of the three generating stations of the Compagnia Imprese Elettriche Liguri (CIELI) in the district of Tenda, amounts even to-day in continuous operation to 30 000 KW for domestic and industrial purposes, besides 11000 KW for railway uses. In the present spring high-water period, the expected daily output amounts to 600 000 KWh at 50 p/s, besides 150 000 KWh at 16 p/s.

During the next low-water summer period, by exploiting partially the water of the storage reservoirs, the total daily output would reach 200 000 KWh at 50 p/s. This energy amount will be indispensable to insure the regularity of all services, both for Genoa and Liguria, during the months from July to September.

The output from the generating stations placed about the village of Tenda, and feeding the electrical system of Liguria, has been stopped on April 17th at 6 hrs p.m. because the electrical overhead line from San Dalmazzo to Cairo was damaged by cannonade.

After April 27th, while the German troops were retreating beyond the Colle di Tenda, French troops entered Italian territory, namely in the districts of Tenda and Briga Marittima. Two days after the entrance of the French troops, some motor cars and trucks carrying groups of civilians, probably belonging to Nice Committees, arrived in the above mentioned district. 738

The groups of French civilians requested the population to change the Italian food-cards with French cards; at the same time, the people were asked to sign cards extolling the annexation to France of these Italian districts.

Later on, notice were posted up, advising that, from May 3rd, Italian currency was to be replaced by French currency, to the rate of 50 to 100.

./.

By hand from Col. Lapper-

- 2 -

On May 4th, Mr. Thibau, engineer of the french electric company "Energie Industrielle", called on Mr. Alessandro Bosis, engineer and local director, requesting him to see to the transmission of the energy output from San Dalmazzo to Mentone and the french Riviera.

To strengthen his request, the above mentioned french engineer showed to Mr. Bosis of the CIELI Company, a requisition order (ordre de réquisition), signed by the General Commander of the 1st Division of the Free French Forces (Forces française libres) (see enclosure).

On May 8th, at about 4 hrs. p.m., the above mentioned Mr. Alessandro Bosis of the CIELI Company, was suddenly arrested by some french officers and carried away from San Dalmazzo di Tenda, with out giving him time to communicate with his Genoa's central office.

On the next day, the French Military Authority informed Mr. Bosis's family that he had been carried to Nice and was staying in the Hotel Suisse, pending an understanding with the General Commander of the Division.

On May 9th, a Mr. Jean Nondedeu, engineer, came to San Dalmazzo di Tenda power house and said that, by the French Military Authority's order, he was to undertake the management of the three generating stations of San Dalmazzo, Confine and La Mesce, to the end of supply as soon as possible Mentone with electric energy.

In effect, the above mentioned french engineer gave orders to discontinue the repair works of the CIELI overhead line from San Dalmazzo to Cairo, designed for energy transmission to Genoa and Liguria. All the workmans removed from the aforesaid work were appointed by him to repair the electric overhead line San Dalmazzo - Breil (Breil being the departing point of the lines to Mentone).

On May 12th, at about 11 hrs, the foreman of San Dalmazzo generating station had scarcely the time to inform the central office in Genoa that some french soldiers were about to interrupt the service telephone line. From this instant the CIELI has had no news regarding their generating plants of Valle Roja.

From the prohibition to communicate by telephone with San Dalmazzo and to repair the overhead line from San Dalmazzo and Cairo to Genoa, it follows that damages on the transmission lines from Val Maira and Val Varaita generating plants may bring

- 3 -

about more or less long interruptions in the distribution service for Genoa and Liguria.

In fact, San Dalmazzo generating station, being directly fed by a great storage reservoir, is one of the few generating plants which may quickly reach their maximum power.

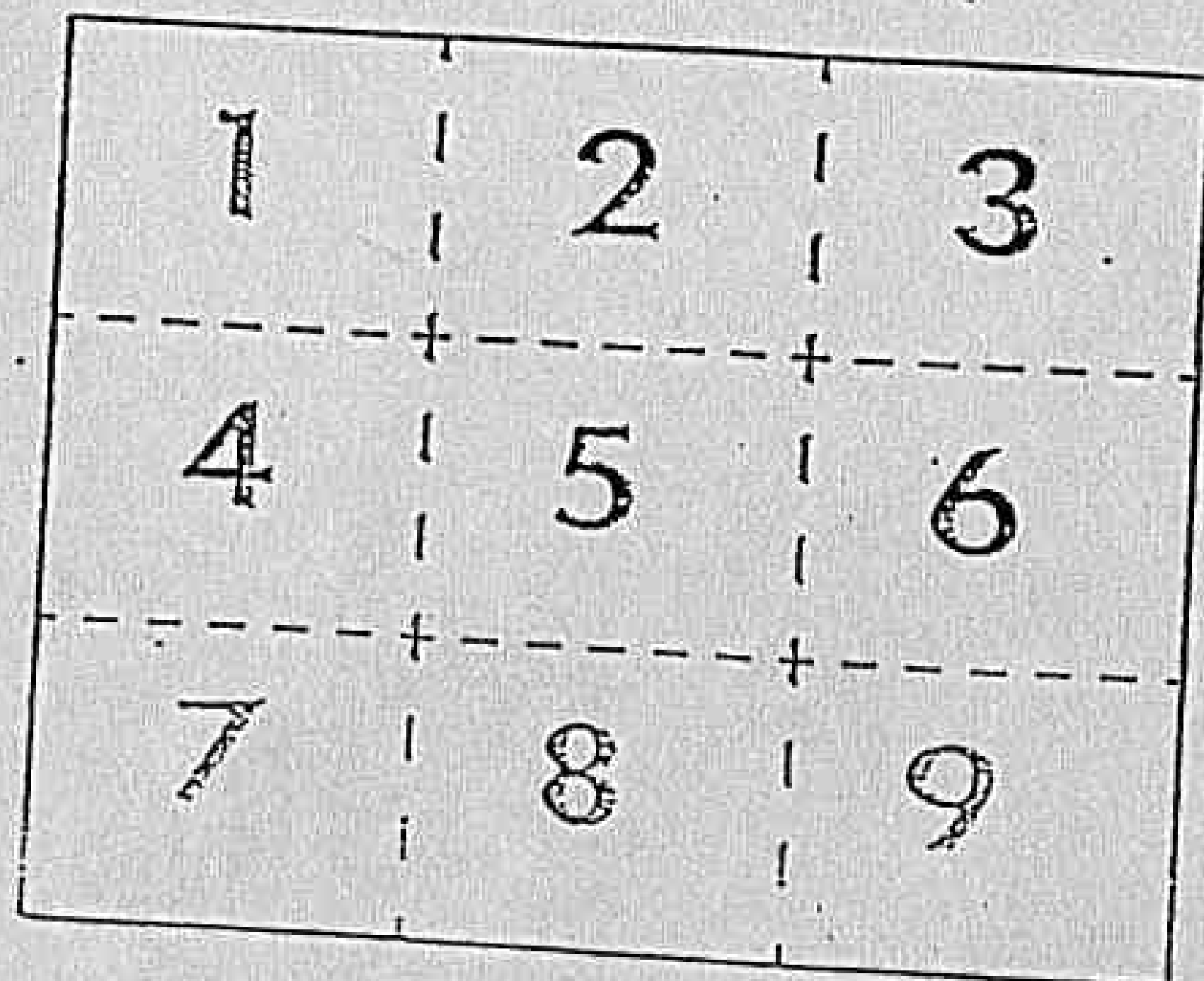
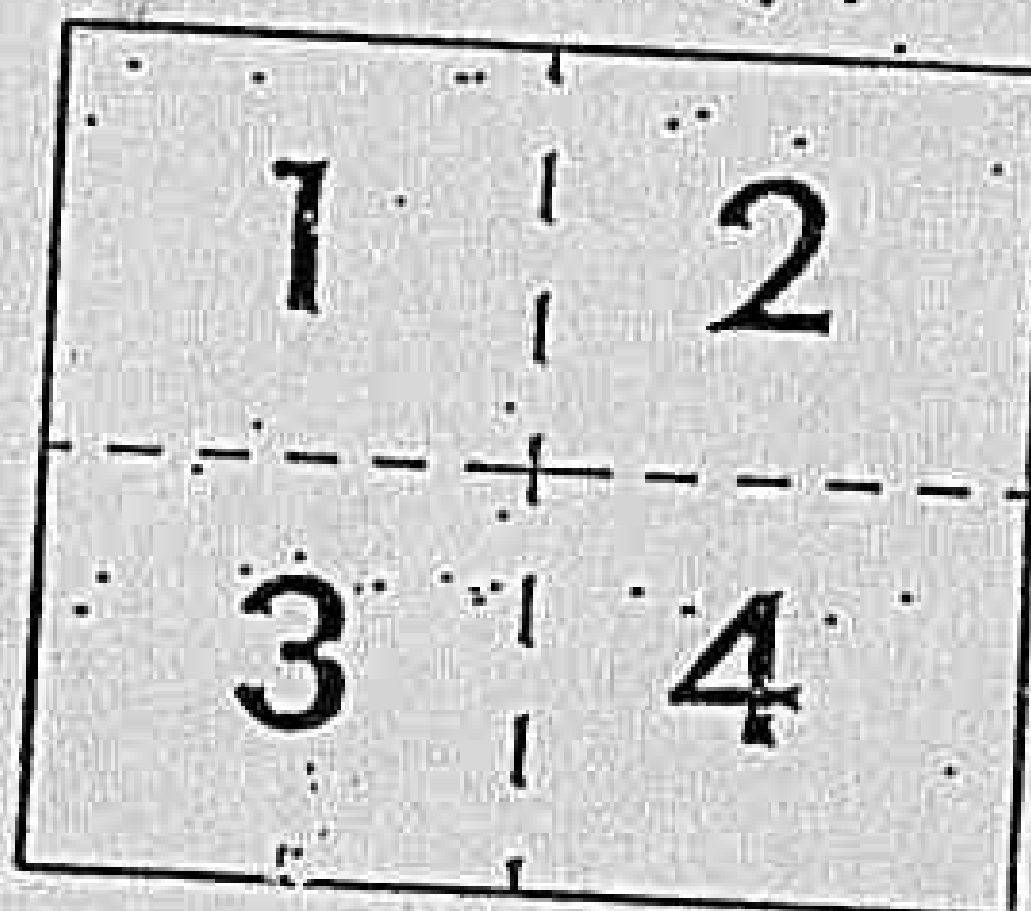
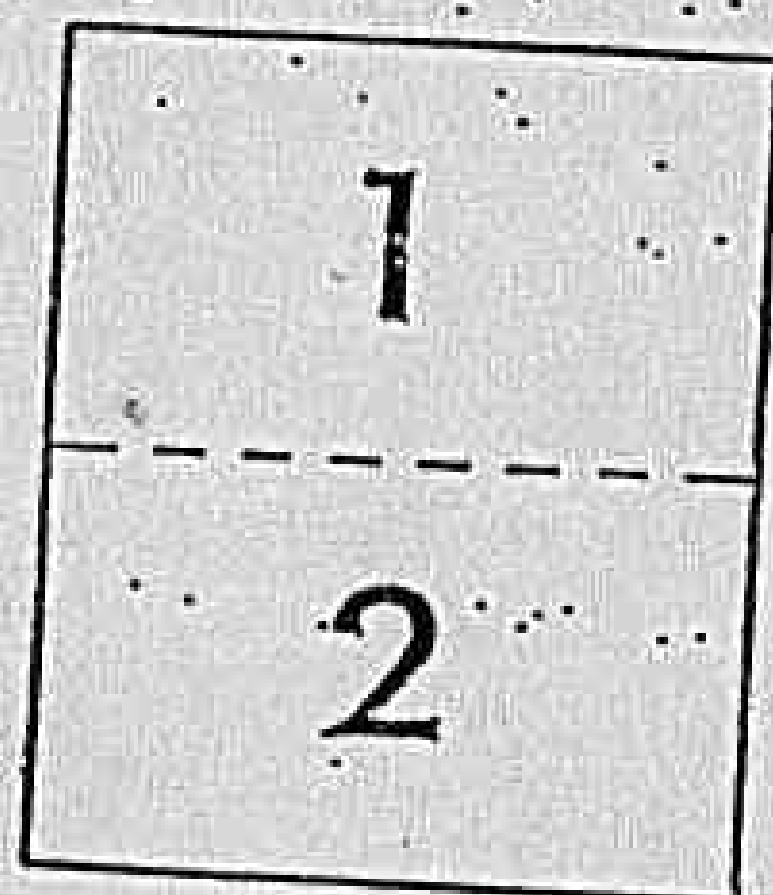
With regard to the productivity of the three Valle Roja generating plants, it is not easy at present to estimate the damage that their failure may cause in the CIELI's service. Anyway, it is to be hoped that owing to the actual decline in the energy consumption of the great industrial concerns, the continuity of supply may be preserved during the high-water period, namely until the end of June.

On the contrary, it is quite certain that the CIELI Company would not be able, by their own means only, to supply the requested energy during the next low-water summer period, that is from July to September, if the production of their Valle Roja power stations were discontinued.

7381

MAPS AND CHARTS TOO LARGE TO FILM
ON ONE EXPOSURE ARE FILMED CLOCKWISE
BEGINNING IN THE UPPER LEFT CORNER,
LEFT TO RIGHT, AND TOP TO BOTTOM.

SEE DIAGRAMS BELOW.



Compagnia Imprese Elettriche Liguri (C.I.E.L.I.)

GENOVA

Rete a 50 periodi
Carichi orari del giorno 5 giugno 1945

120.000

112.000

104.000

96.000

88.000

80.000

72.000

64.000

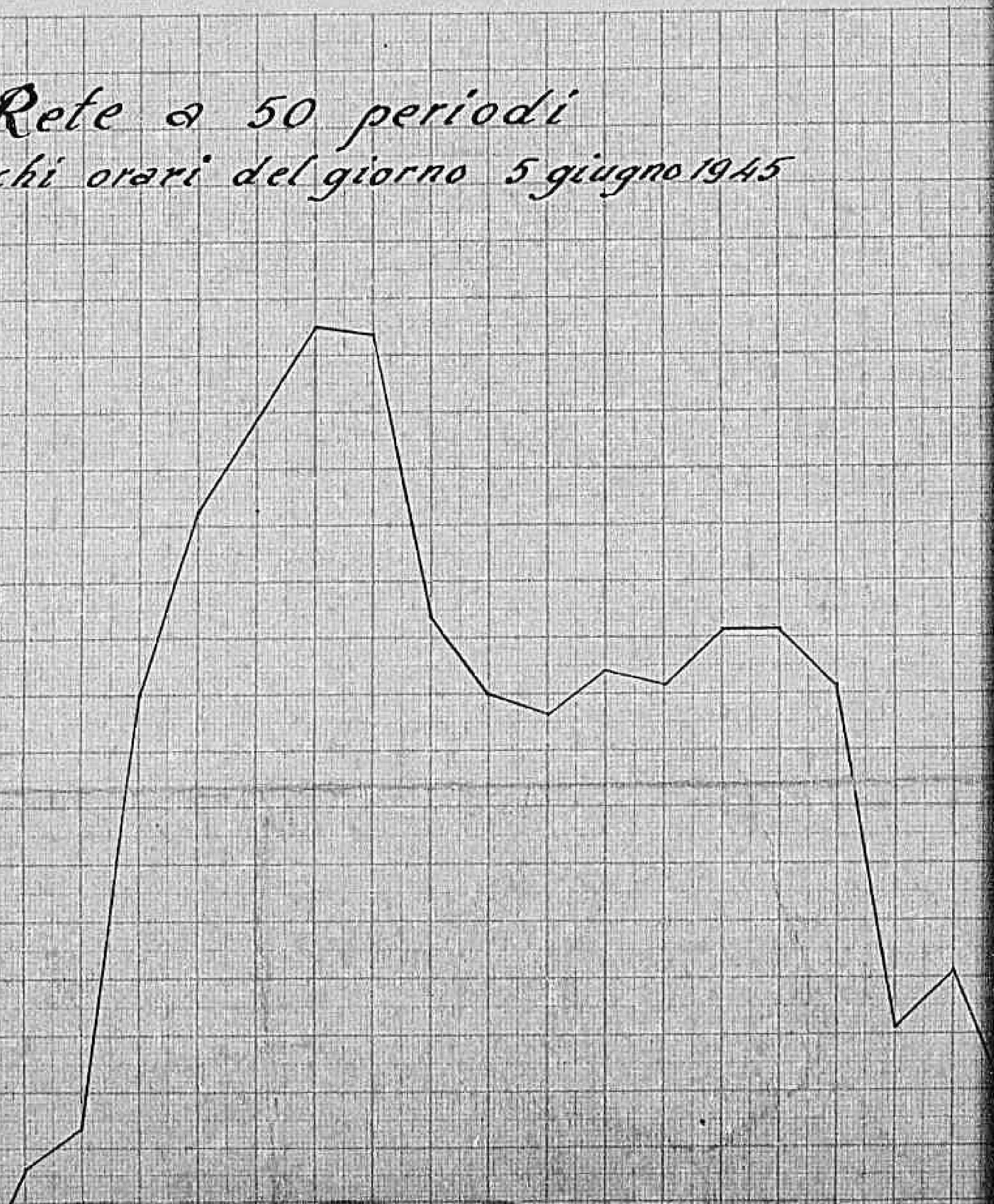
56.000

48.000

40.000

7380

3435



Imprese Elettriche Liguri (C.I.E.L.I.)

GENOVA

*Rete a 50 periodi
carichi orari del giorno 5 giugno 1945*

7389

5355

120.000

112.000

104.000

96.000

88.000

80.000

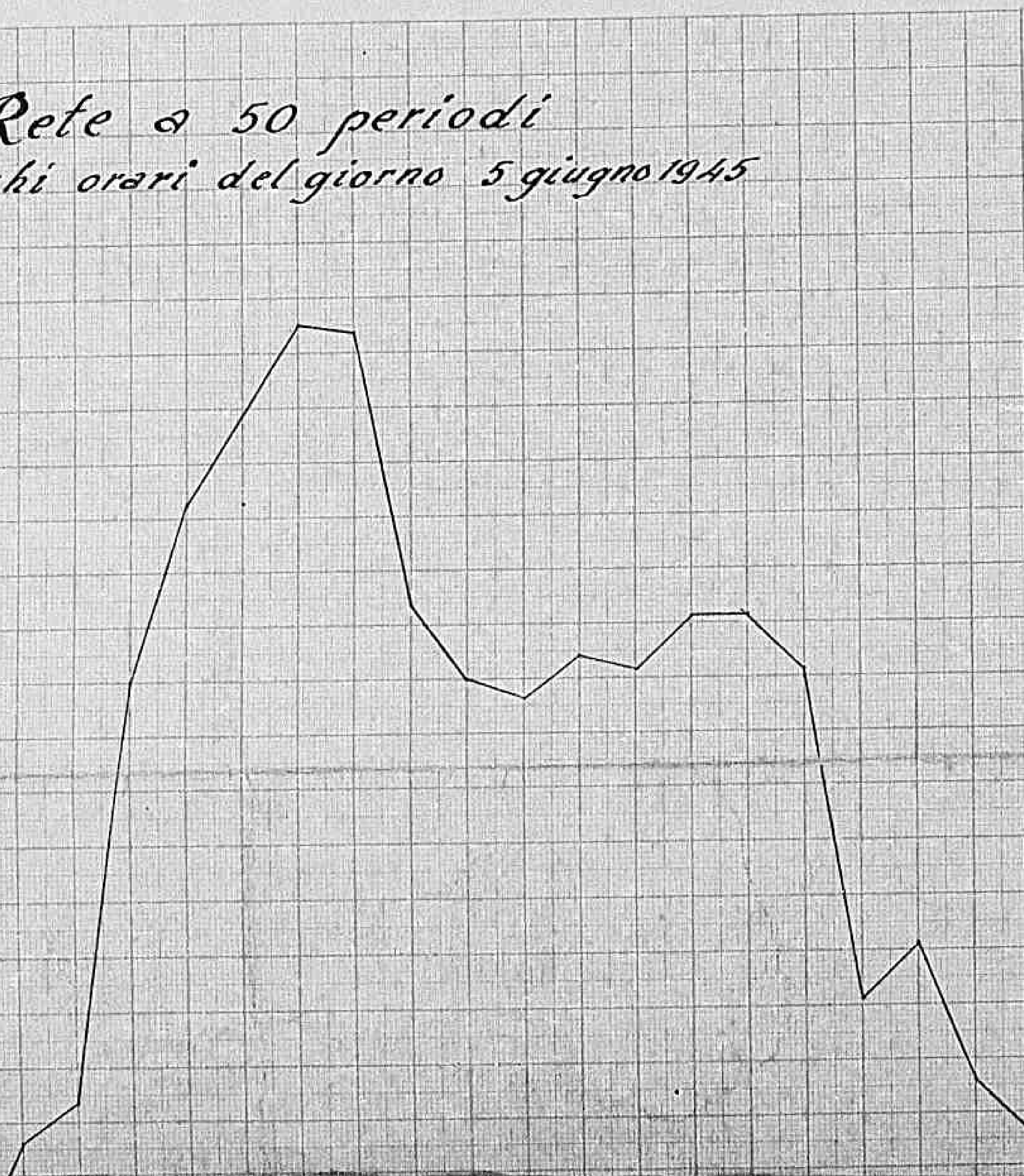
72.000

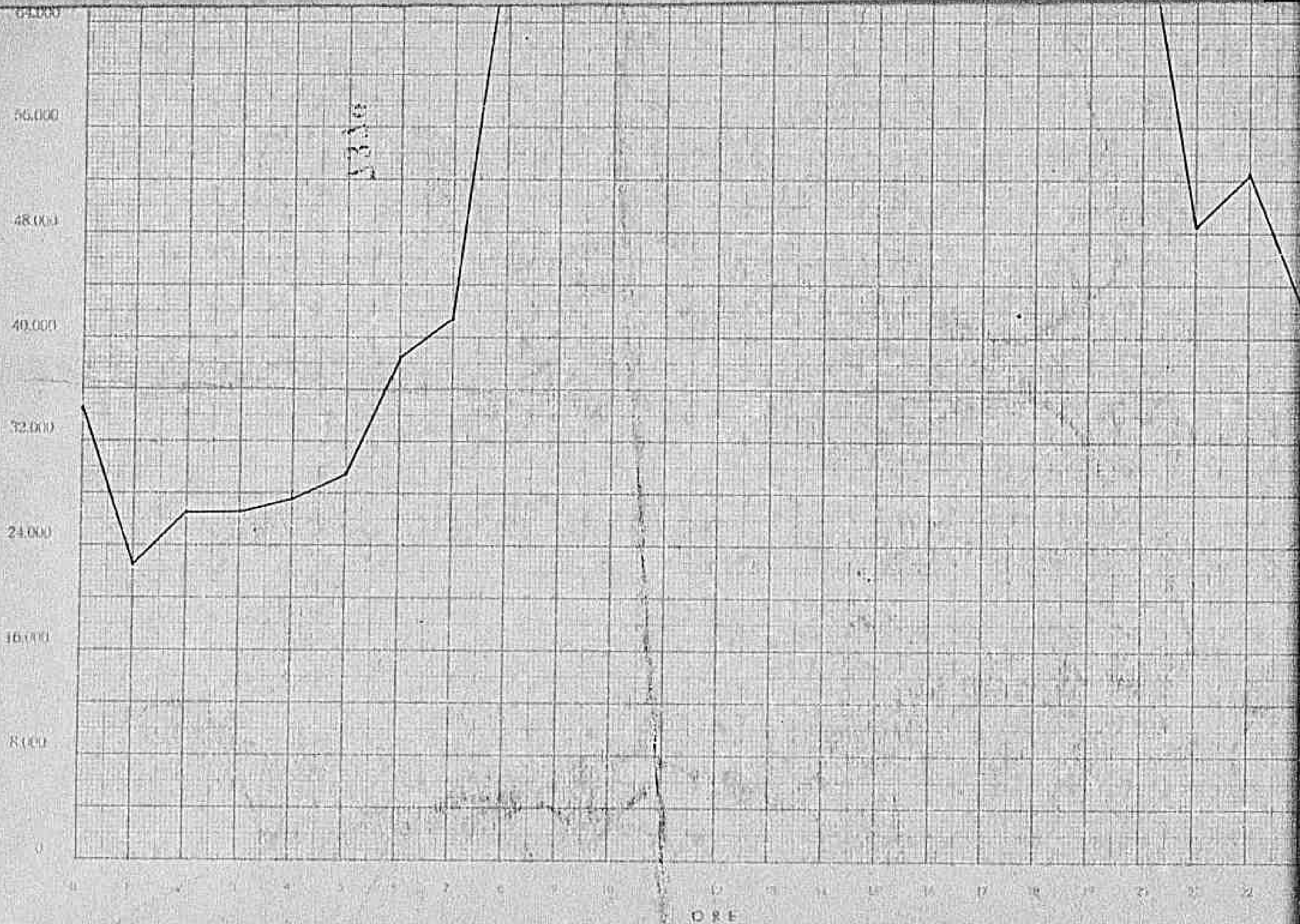
64.000

56.000

48.000

40.000





File 197A.

18

AFHQ CITE THREE

930

30 JUNE 45

PRIORITY

SECRET FD

SUBJECT IS FRENCH DASH ITALIAN INTERCHANGE ELECTRIC ENERGY ID

PAREN TO AFHQ CITE FOX NOW GEORGE BASK GEORGE FROM HQ ALCOM CITE ACPWU PAREN

PARA ONE ID REF YOUR FOX XRAY ONE FOUR TWO SIX TWO ID — (12)

PARA TWO ID REPRESENTATIVES OF ALCOM AND ITALIAN ELECTRIC COMPANY CAN BE IN NICE FOURTH JULY AT PREFECTURA BUILDING TO DISCUSS ITALIAN DASH FRENCH POWER

INTERCHANGE CNA PLEASE CONFIRM IF ARRANGEMENTS SATISFACTORY ID

PARA THREE ID ARRANGEMENTS KNOWN TO LIEUTENANT COLONEL GEORGE DRURY

ENGINEERS BRITISH AFHQ

7379

PUBLIC WORKS

478906

C O P Y

S E C R E T

INCOMING MESSAGE

FX 14262
JUNE 281808B

E/7255
JUNE 290830B
PRIORITY

FROM: AFHQ SIGNED ALEXANDER FX 14262 CITE FHGEG
TO : ACTION SHAEF MAIN, ALCOM ROME FOR STONE INFO 15 ARMY GRP,
5 ARMY

SECRET

Reur -S-93654 cite SHGDS.

To SHAEF. Prepared arrange attendance representatives to discuss French-Italian interchange electric energy. Request you signal ALCOM for their agreement place and time at which suggested meeting is proposed.

ALCOM representative will be in position of arbiter with authority to make decision on behalf SACMED.

To ALCOM. Request you provide representative as above (should be of full Colonel rank at least) and report result of meeting to this Hq. Engineers (British) this Hq sending representative who should be notified time and place. Italian management should also be represented.

Withdrawal of French direction mentioned in para 1 C of your 9379 must be condition precedent to any settlement.

7378

S E C R E T

S-93654

June 27 1830

E/7108

June 28 0930

ROUTINE

FROM: SIAEF MAIN CITE FHCEG

TO : AFHQ INFO ALCON FOR STONE, 15th ARMY GROUP FOR GRUENTHER, 5th ARMY FOR
CRITTENBERGER

C O N F I D E N T I A L

CONFIDENTIAL

Reference your FX-9782623 June 1945.

Colonels MEYER and PAGE this HQ arriving NICE airfield Friday afternoon. Can you send representative to discuss French-Italian interchange of electric energy? French authorities will attend.

DIST

INFO-ACTION ECON SEC
INFO CHIEF COMMISSIONER
FILE 2
FLOAT

7377

TOP SECRETS 95149
June 260930BH/6658
June 270845B
PRIORITY

SHAW MAIN SIGNED TENDER CITE SHAW

AFH FOR ALEXANDER RPTD INFO ALCOM FOR STONE: CG 15 ARMY GP FOR GRUENTHER;
CG 5 ARMY FOR KRITTENBERGER

TOP SECRET

The reference is last paragraph your FX 91983 dated 12 June and
FX 97826 and HQ ALCOM 9739 and 267.

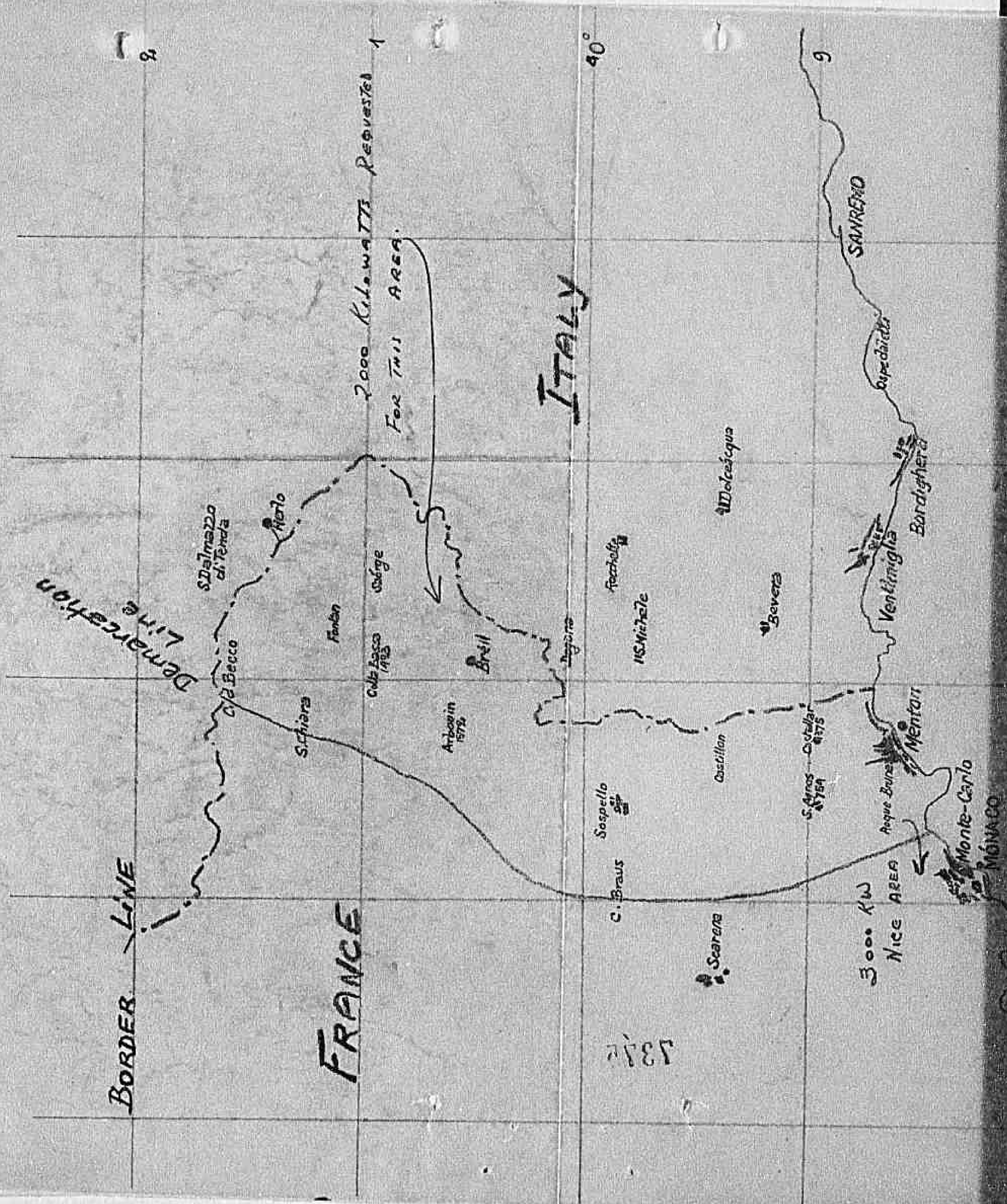
French authorities advise that no plants in MENTON area out of service
or restricted output due to damage. Supply for NICE obtained from French
system exclusively and not affected by Italian plants. Our information
indicates that French need 5000 KW ? MG only from Italian plants over the
SAN DIMEZZO - BREIL - BEAUCOULEIL (MENTON) 30 KV line and that balance be
available to Italian system.

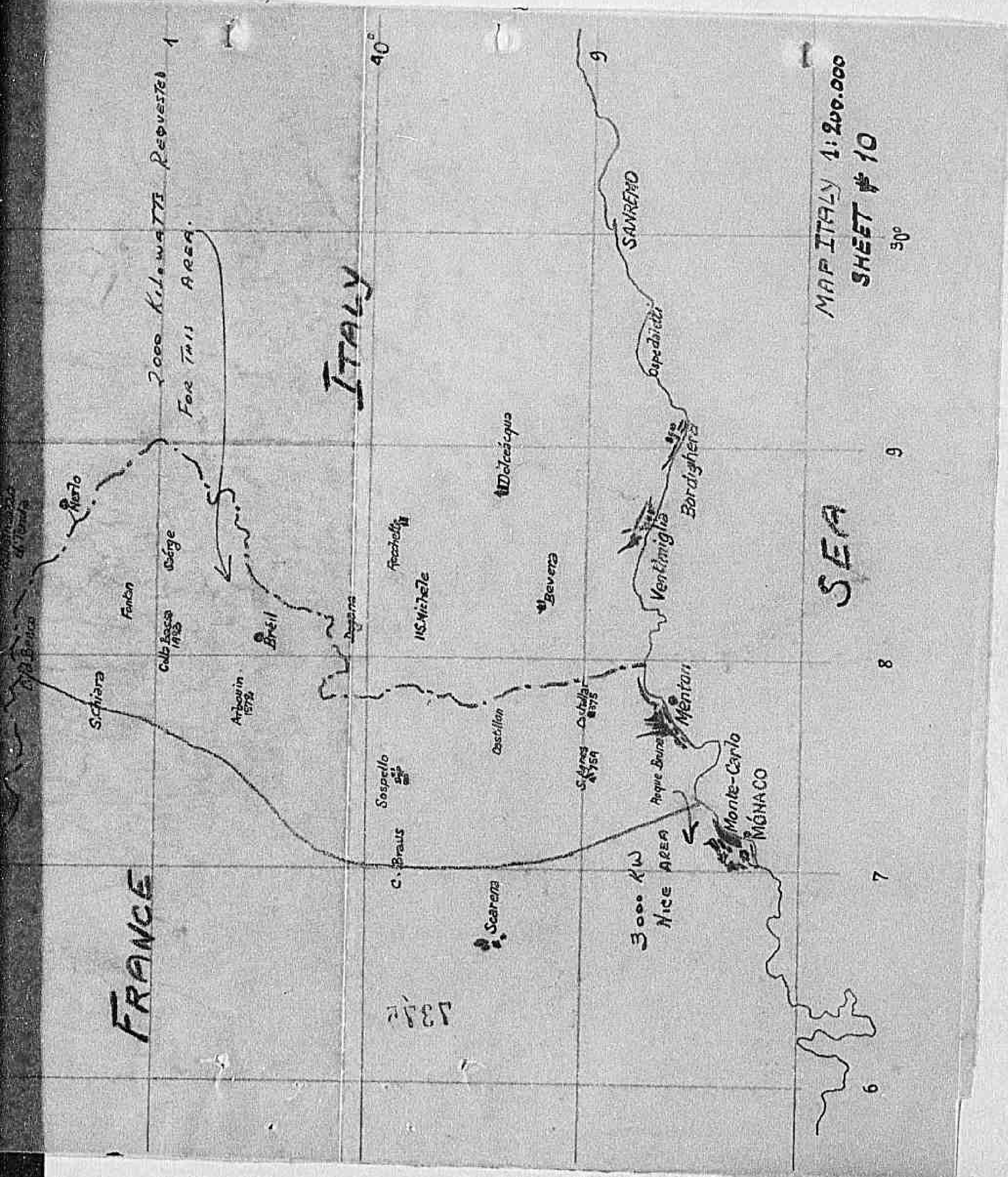
Dist

Copy No 1 & 2 Info-Action - Exec Commr 2
3 Exec Sec
4 Info - Chief Commissioner
5 File

TOP SECRET

7376





HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION
APO 394

RECEIVED
P.W. & U.S./C.A.C.
29 JUN 1945 1947

OFFICE OF REGIONAL ENGINEER

Ref. LIG/PWU/114.

Subject: Release of CIELI-Engineer Mr. BOSIS.

To: Public Works & Utilities Sub-Commission, Hqr. A.C. A.P.O. 394
Attention: Lt. Col. Renton.
U.S. Army

Genoa, June 25-th, 1945.

1. On May 8-th 1945 Mr. Alessandro BOSIS, engineer of the CIELI company was arrested by French Military authorities in San Dalmazzo di Tenda, Italy and taken to Nice, France where he was kept under guard in the Hotel Suisse.

2. In Nice, France on June 21-rst 1945 I asked Mr. Louis BOURGUET, Chef de cabinet du préfet - to release engineer BOSIS to my custody. Mr. Bourguet said he would and that if I came back the next day engineer Bosis could accompany me to Italy.

3. In Nice on June 22-nd I again saw Mr. Bourguet. He informed that without his knowledge engineer Bosis had been released on June 16-th 1945 from the Hotel Suisse.

4. In order that engineer Bosis may return to his home in Tenda, Italy - he must first obtain a pass from French Army Headquarters located at Beaulieu, France. I checked there and learned that he had been issued a pass to cross the border on June 20-th 1945. I was unable to check further.

5. I returned to Genoa and contacted Mr. BALSAMO, director of CIELI and told him what happened and asked if he had heard from Mr. Bosis. Mr. Balsamo had received a telephone call from Mr. Bosis on their company telephone lines. Engineer Bosis had reached his home safely and was resting there.

6. I am to travel to Imperia Province on June 26-th. If I have the time, I will contact engineer Bosis and learn if possible what happened to him during his period of imprisonment.

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Copy to:

Regional Commissioner, Liguria Region
Regional Engineer, Liguria


ELMO E. PARKER
Capt. Inf.
Electrical Officer

7374

RECEIVED
P.W. & U.S./C.A.C.

28 JUN 1945 197

OFFICE OF REGIONAL ENGINEER

LIG/PWU/110

Subject : Allocation of electricity to France.

To : Public Works and Utilities sub-Commission, HQs.

A.C. A.P.O. 394 U.S. ARMY.

ATTN. Lt. Col. Lapper, Lt. Col. Renton.

23 June 1945

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION

APO 3894

Copy made R. 2/16
Copy made R. 2/16

16

P.W. & U.S./C

1.- In compliance with telephone message of 18 June 1945, Chief of staff IV corp to Regional Commissioner, Liguria, I traveled to Nice, France to learn what amount of electricity the French would request from the three (3) C.I.E.L.I. generating plants at present under French control.

2.- In Nice, France on 22 June 1945 I talked to Mr. Louis Bourguet, chief du cabinet du prefet and Mr. Lessieu, chief Engineer of ponts et chaussees and was informed the French would like the following allocation of electricity from the C.I.E.L.I. plants.

- (a) 5000 Kilowatts of electricity (50 cycle)
- (b) This amount for a period of approximately two (2) years.
- (c) Terms were not discussed.

3.- (a) 2000 Kilowatts to be used in the Menton area. (see attached overlay)
(b) 3000 Kilowatts to be used in the area of Nice.

4.- Although most of this area is set up to use electricity at 25 cycle, the French have installed at Beausaileil, a frequency converter.

5.- The area marked on the attached overlay was previously served from two (2) French generating stations, one at Fontan, one at Breil,

Subject : Allocation of electricity to France.
 To : Public Works and Utilities sub-Commission, HQs.
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5.- The area marked on the attached overlay was previously served from two (2) French generating stations, one at Fontan, one at Breil, France which are in the vicinity of the C.I.E.L.I. plants. The two French plants were destroyed by war and Mr. Lessieux said it would require almost two (2) years to rebuild them. Lines are now under-going repair in order that the electricity required can be sent to France from the C.I.E.L.I. plants. The areas at present, however, are being supplied with electricity from other French sources.
 Mr. Lessieux's last words to me were, " I hope you will let us have this amount of electricity as we are in urgent need of it."

6.- I feel the request for 5000 Kilowatts is excessive. Due to the fact the two plants which served the area requiring 2000 Kilowatts were destroyed I feel they should be given that amount.

./.

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION
APO 394

OFFICE OF REGIONAL ENGINEER

The 3000 Kilowatts asked for the Nice area would be used to supplement present facilities and unless there is a shortage of electricity for Allied Army installations there, it should not be allocated the French. The 2000 Kilowatts would not seriously affect electric service in Liguria.

7.- I would recommend the French be allocated 2000 Kilowatts until their own facilities are restored.


ELMO E. PARKER
Capt. Inf.
Electrical Officer

Copy to :
1. Regional Commissioner, Liguria Region.
2. Regional Engineer, Liguria Region.

7372

COPY

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION
AFO 394

OVERLAY
ATTACHED

LIG/PWU/110

23 June 45

Subject: Allocation of electricity to France.

To : Public Works and Utilities Sub-Commission, HQs.
AC. AFO 394 U.S. ARMY.
ATTN: Lt-Col. Lapper, Lt-Col. Renton.

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7377

6. I feel the request for 5000 Kilowatts is excessive. Due to the fact the two plants which served the area requiring 2000 Kilowatts were destroyed I feel they should be given that amount. The 3000 Kilowatts asked for the Nice Area would be used to supplement present facilities and unless there is a shortage of electricity for Allied Army installations there, it should not be allocated the French. The 2000 Kilowatts would not seriously affect electric service in Liguria.

7. I would recommend the French be allocated 2000 Kilowatts until their own facilities are restored.

This sounds sensible to me.

R.

ELIO E. PARKER.
Capt. Inf.
Electrical Officer.

Copy to:

1. Regional Commissioner, Liguria Region.
2. Regional Engineer, Liguria Region.

TRANSLATIONPro memoriaELECTRIC
CONCERNING ACTUAL SITUATION OF PLANTS OF THE ROYA VALLEY

Gen/tm.

Genoa, 21 June 1945

The undersigned Compagnia Imprese Elettriche Liguri (CIELI) possesses various electric plants in the Comune of Tenda (Cuneo Province) using the waters of the river Roya and her affluents. This river flows firstly in Italian territory, then in France, then again in Italy. The plants -property of the "CIELI" in the Tenda Comune, amount to the french border are three:

- 1) ✓ San Dalmazzo di Tenda
- 2) ✓ Le Mesce
- 3) ✓ Confine

The system of these plants is fed from various important ^{season}/tanks situated in the valleys of Casterino and of Inferno.

The plant of San Dalmazzo di Tenda is of a capacity (efficient and constant) of 35.000 KW, of which 24.000 KW produceable for civil and industrial use with frequency of 50 cycles, - and 11.000 KW to be produced with a frequency of 16 cycles for the States Railways -for feeding the ligure-piemontese net.

The plant of Le Mesce has an efficient capacity of 2.200 KW with 50 cycles.

The Confine plant has an efficient capacity of 9.000 KW with a frequency of 50 cycles.

In consequence of damages caused by mines, - this capacity is to-day reduced to about 5.000 KW.

All the energy of these plants is conveyed to Genoa by a 75 KV line beginning from San Dalmazzo and passing through Cairo Montenotte.

In the frontier-valley, in french territory, are installed the Fontan plant on the Roya, property of the "Société Energie Electrique du Littoral Méditerranéen" and the Breill plant property of the society "L'Energie industrielle".

At last - in the Italian part of the Roya river, in the valley near the french border - the "CIELI" has two other plants, 35 KW and 15 KW.

- 1) ✓ San Dalmazzo di Tenda
- 2) ✓ Le Mesce
- 3) ✓ Confine

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At last - in the italian part of the Roya river, in the valley near the french border - the "CIELI" has two other plants of 5.000 KW and 8.000 KW of 50 cycles both, - these plants having been destroyed by german troops in autumn 1944.

The energy from these plants is conveyed to Genoa by 2 lines (75 KV each) beginning at San Dalmazzo, following the valley of the Roya and joining at the station of Oneglia. These lines have also - on the track Fontan-Oneglia - been nearly completely destroyed by the german troops.

From 17 April 1945 the following events have occurred on the plants of "CIELI":

On 17-th April the line San Dalmazzo-Cairo-Genova has been damaged by artillery and the 3 plants have then stopped to supply energy to the liguria region.

After 27 April, while the germans had already retreated behind the Tenda mountains - french troops entered italian territory in the

-2-

communes of Tenda and of Briga Marittima. A couple of days after the arrival of these troops, several motor-trucks came to these communes and brought groups of french civilians, probably belonging to Nice committees.

These groups of french civilians invited the population to change their italian food-cards for other food-cards of french edition. This request was followed by the demand to sign tickets asking for the annexion of these italian communes to France.

Successively there was published a manifest notifying the population that beginning from May 3-rd circulation of italian money was forbidden, and that this last money was to be obligatively changed into french currency at a change rate of 50 french francs for 100 italian Liras.

On May 4-th the engineer THIBAU of the society "L'Energie Industrielle" presented himself at the office of the local "CIELI" Director Mr. Alessandro BOSIS and invited him to convey all energy produced/to Menton and to the french riviera at San Dalm.

As support to this request he presented to Mr. Bosis the following requisition-order:

"FRENCH FREE FORCES - 1-rst Division

Requisition Order

I. -The electric plant of S. Dalmazzo Tenda shall supply with electric high tension energy:

- a) To the FONTAN plant property of "Société L'Energie Électrique du Littoral Méditerranéen" (E.E.L.M.) for supplying the communes of Fontan and Saorge;
- b) To BREIL - to the society "L'Energie Industrielle" for general supplying of its high tension net.

II. -The electric plant of S. Dalmazzo Tenda shall take all necessary steps for repairing in the smallest space of time:

- 1) one high tension line from S. Dalmazzo to Fontan
- 2) one high tension line from S. Dalmazzo to Breil

III. -The modifications to the electric plant of San Dalmazzo which may be necessary for supplying "L'Energie Industrielle" with 35 KV energy - shall be done by the personnel of the S. Dalmazzo plant.

IV. -The net of "L'Energie Industrielle" shall be connected at Breil by this last society.

7362

On May 4-th the engineer THIBAU of the society "L'Energie Industrielle" presented himself at the office of the local "CIELI" Director Mr. Alessandro BOSIS and invited him to convey all energy produced/to Menton and to the french riviera at San Dalm.

As support to this request he presented to Mr. Bosis the following requisition-order:

"FRENCH FREE FORCES - 1-st Division

Requisition Order

I. -The electric plant of S.Dalmazzo Tenda shall supply with electric high tension energy:

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- 2) one high tension line from S.Dalmazzo to Breil

III. -The modifications to the electric plant of San Dalmazzo which may be necessary for supplying "L'Energie Industrielle" with 35 KV energy - shall be done by the personnel of the S.Dalmazzo plant.

IV. -The net of "L'Energie Industrielle" shall be connected at Breil by this last society - to the line S.Dalmazzo-Breil, -see par. II/2 of this order.

P.C. 2/5/45

Signed:

General Garbay m.p.
Commanding the First Division of
the French Free Forces "F.F."

On 8-th May about 16.00 the above mentioned engineer Bosis of the "CIELI" was suddenly arrested by several french officers and taken away from S.Dalmazzo di Tenda, without it being allowed to him to inform his direction in Genoa.

The next day the french military authorities informed the family of Mr. Bosis that he had been taken to Nice and confirmed to the Hotel Suisse for giving explanations to the french general commanding the division. According to information recieved the Hotel Suisse is a sort of place for detention.

-3-

On May 9-th the San Dalmazzo di Tenda plant of "CIELI" was visited by Mr. Jean NONDEDEU engineer and this last declared he was empowered by the french military authorities to take over the direction of the 3 plants of San Dalmazzo, Confine and Le Mesce and this first of all in the aim of sending all electric energy produced to Menton the quickest possible.

This french engineer orders the interruption of reparation works on the line "CIELI" from San Dalmazzo to Cairo, foreseen to supply Genoa and Liguria. The whole working personnel occupied on these works was switched over to reparation of the "CIELI" line from S. Dalmazzo to Breil, from where the lines go on to Menton.

On May 12-th about 11.00 the chief of the San Dalmazzo plant has barely the necessary time to inform the head office of Genoa, - as the telephone line in interrupted by french military men. From this moment "CIELI" has no direct news as to what happens to her plants in the Roya valley.

Only indirectly it has been possible to obtain the following information:

- that, after 20 days of detention in Nice - Mr. Bosis engineer of the "CIELI" has not yet been questioned or informed as regards the motives for the measures taken against him;
- that on 25 May 1945 the engineer NONDEDEU brought to San Dalmazzo a certain number of forms "Enrollment and information-forms" headed by the society "L'Energie Industrielle-Réseau du Var et des Alpes Maritimes - Direction régionale de Menton" and invited the book-keeper of "CIELI" to fill in these forms and make them signed afterwards by all "CIELI" employees. It appears that till to-day only a minimal number of the personnel of "CIELI" has agreed to this;
- that on 21 June engineer Bosis came back to San Dalmazzo.

It must be further recorded that the french ^{military} authorities, from the moment of their arrival on the territory of Tenda and Briga Marittima, - have strictly forbidden all through traffic (transit) to Limone and afterwards also to Cuneo.

As results of all this the "CIELI" is completely cut off from her plants and from any directing of the same, as well as from any communication with her staff, who has been paid only till the end of April this year; the ligure-piemontaise region is deprived of the electric energy produced by the same plants.

To appregiate the gravity of this loss and its consequences

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To appreciate the gravity of this loss and its consequences it must be taken into consideration that all 3 plants can give in total today an efficient capacity of 30.000 KW continually for civil and industrial needs plus another 11.000 KW for railway traction. In the actual soft weather period the produced energy could give 600.000 KWHrs daily with 50 cycles plus 150.000 KWHrs at 16 cycles. During the low-water period of the summer, partially exhausting the water stocked in the artificial tanks, - it would be possible to obtain a total of 200.000 KWHrs a day at 50 cycles.

At present - if during the period of soft weather thanks to the reduced consumption of great industries - it has been possible to satisfy the service without this energy, - it is certain that during the low-water summer-period and this beginning from July and during all August September - the "CIELI" shall not be able to face all her consumers with her present means, this being of greatest importance to the States Railways of the ligure-piemontese-railway net and the great ligurian industries.

-4-

Besides this, also during soft weather - the non-existence of the Roya plants can gravely prejudice (interruptions) the service in case of trouble on the lines transporting energy from the "CIELI" plants in the Val Maira (producing partly 16 cycles energy for the States Railways) and from the plants in Val Varaita (producing 50 cycles energy for industrial use); - and all this because it shall not be possible to use as reserve the San Dalmazzo plant which, fed by a great tank (reservoir) can rapidly attain its maximal capacity and which - as already said - produces about 1/3 of energy with 16 cycles exclusively for the States Railways.

This situation shall become more grave in winter when deficiency of electric energy is most felt in Italy - when the service is much more difficult regarding checking of damages who are more numerous and more complicated for reparation.

In any case the problem of giving electric energy to France during the dry periods of weather (summer, winter) is subordinated to the disponibility of energy in remaining Italy (we mean High Italy), it being born in mind that this part of Italy must supply energy to central and meridbnaal Italy.

This problem is therefore not limited to the Liguria, but is a National problem.

It must be remembered that Italy during and before this war had not the needed electric energy for its own purposes, especially during dry-periods, having not the necessary coal to produce thermic energy, - and was compelled many times to ration electric energy.

This situation is to-day more dangerous because in Central and Meridional Italy many plants have been destroyed; there is no coal for heating and producing of gas; it shall therefore be necessary to give electric energy for heating and cooking - purposes.

=====

As regards the destroyed plants of Airole and Bevera and their 75 KV lines it must be observed that it has not been possible to make an exact estimate of the damages on the plants, but it may be said according to information till to-day recieved that:

1) the hydraulic part of both plants (catches, derivation-canals, loading-

plant conductors) is in general good conditions, except the works on the

of electric energy is most felt in Italy. It is difficult regarding checking of damages who are more numerous and more complicated for reparation.

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It must be remembered that Italy during and before this war had not the needed electric energy for its own purposes, especially during dry-periods, having not the necessary coal to produce thermic energy, - and was compelled many times to ration electric energy.

This situation is today more dangerous because in Central and Meridional Italy many plants have been destroyed; there is no coal for heating and producing of gas; it shall therefore be necessary to give electric energy for heating and cooking - purposes.

=====

As regards the destroyed plants of Airole and Bevera and their 75 KV lines it must be observed that it has not been possible to make an exact estimate of the damages on the plants, but it may be said according to information till to-day received that:

- 1) the hydraulic part of both plants (catches, derivation-canals, loading-tank, conducts,) is in general good conditions, except the works on the Airole catches - gravely damaged, plus damaged conduct of Airole - in one point, - and the loading-chamber of Bevera destroyed. ^{736 destroyed.}
- 2) All hydraulic and electric machinery has been completely destroyed.
- 3) All electric apparatus high and low tension has been completely destroyed.
- 4) The building of Airole plant is completely destroyed, the building of the Bevera plant is gravely damaged so that its complete reconstruction is necessary.
- 5) The two 75 KV lines are practically destroyed on a track of about 20 km.

According to this the following materials should be necessary for a complete reconstruction - on a maximum plan - of these plants:

Airole Plant:

2	generator groups (turbine-alternator) of about 5.000 KW-6500 KW
50	cycles, 6 KV each
2	elevating transformers of each 5.000 KVA, - 6/75-25 KV 50 p/s
1	elevating transformer of 6.000 KVA 6/25 KV 50 p/s
6	switches 75 KV, in oil or compressed air with necessary parts

-4-

3 interrupters 25 KV
 15 3-pole switches for 75 KV tension
 6 " " " 25 " "
 18 " " " 6 " "
 connecting rods and insulators for same
 1 complete switchboard with commanding apparatus, protecting
 gear and measuring-instruments
 1 transformer 6/6 KV - 30 KVA - 50 cycles with accessoires,
 apparatus for auxiliary service of the plant including two
 transformers of 150 KVA each 6000/220-125 Volts 50 cycles
 with needed switches
 6 insulators for exit of lines 60 KV
 6 " " " 25 " "
 1 accumulators battery of 130 AHrs 110 Volts
 10,000 Quintals (1000 Tons) of cement
 500 Quintals (50 Tons) iron rods for armed cement
 350 Quintals (35 Tons) profilated iron for covering build-
 ings and other various uses
 500 m2 eternit plates
 100 m3 assorted timber

BEVERA PLANT:

2 groups generating -turbine/alternator- each of maximum capacity o
 of 2750 KW 3500 KVA 50 cycles tension 6 KV
 2 transformers elevators 6/75 KV- 3500 KVA- 50 p/s
 7 switches 75 KV with compressed air and needed apparatus
 16 3-pole switches 75 KV
 7 " " " 6 " "
 connecting rods and insulators for same
 1 complete switchboard with commanding apparatus;protecting
 gear and measuring-instruments
 Apparatus for auxiliary service of the plant including
 2 transformers of 100 KVA each 6000/220-125 Volts 50 cycles
 with needed switches
 1 transformer 6/6 KV- 30 KVA - 50 p/s and needed accessories
 12 insulators for exit of line 75 KV
 1 accumulator battery 130 AHrs 110 Volts
 8,000 Quintals (800 Tons) of cement
 500 " " (50 " ") of iron rods for armed cement
 350 " " (35 " ") profilated iron for various uses
 500 m2 of eternit plates
 100 m3 of assorted timber
 1 crane of 30 tons capacity

7365

- 1 accumulators battery of 130 AHrs 110 Volts
- 10.000 Quintals (1000 Tons) of cement
- 500 Quintals (50 Tons) iron rods for armed cement
- 350 Quintals (35 Tons) profilated iron for covering buildings and other various uses
- 500 m2 eternit plates
- 100 m3 assorted timber

BEVERA PLANT:

- 2 groups generating turbine/alternator- each of maximum capacity of 2750 KW 3500 KVA 50 cycles tension 6 KV
- 2 transformers elevators 6/75 KV- 3500 KVA- 50 p/s
- 7 switches 75 KV with compressed air and needed apparatus
- 16 3-pole switches 75 KV
- 7 " " " 6 " "
- connecting rods and insulators for same
- 1 complete switchboard with commanding apparatus; protecting gear and measuring-instruments
- Apparatus for auxiliary service of the plant including
- 2 transformers of 100 KVA each 6000/220-125 Volts 50 cycles with needed switches
- 1 transformer 6/6 KV- 30 KVA - 50 p/s and needed accessories
- 12 insulators for entry of line 75 KV
- 1 accumulator battery 130 AHrs 110 Volts
- 8.000 Quintals (800 Tons) of cement
- 500 " " (50 " ") of iron rods for armed cement
- 350 " " (35 " ") profilated iron for various uses
- 500 m2 of eternit plates
- 100 m3 of assorted timber
- 1 crane of 30 tons capacity

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Line Fontan - Oneglia

- 300 Tons profilated iron for reconstructing the poles
- 150 Tons of copper for reconstructing the line
- 10.000 insulators (suspending)
- 1.000 Quintals (100 Tons) of cement for reconstructing the blocs

As regards the time needed for reconstruction, - it can only be said that the firms and enterprises shall need at least 2 years from the day they shall have all needed materials for constructing the above stated machinery - for delivering the same. Considering the actual state of all industries in Italy because of lack of coal and raw materials -, it is not to be foreseen that all these raw materials shall be placed at disposal before a period of two years, -

47.

- 5 -

and that in the best case and supposing that we shall be able to dispose of all needed transport possibilities - the reconstruction of these two plants is not to be foreseen before 4 years time from to-day.

We insist upon the fact that all data are purely approximative and shall most probably undergo considerable changes, after being controlled and checked by engineers of our society.

We note that if it should be possible to gain access to the zone of the two plants with appropriate transportation-means, - it could be then possible to begin immediately with clearing-up of ruins and rubbish as well as recuperation of materials.

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HEADQUARTERS ALLIED COMMISSION

VSR/ao

INTER OFFICE MEMO

Reference : 197/PWU//

19 June 1945

Subject : CIELI Plants in hands of
French Authorities

To : CHIEF ELECTRICAL DIVISION, P.W. & U. S/C, AC

1. Transmitted herewith for your signature is an Inter-Office Memo to Col. E.J. RISTEDT, containing requested information covering the generating stations in the San Dalmazzo area. Contained hereunder are additional points.
2. The San Dalmazzo plant is considered important because it has a large reservoir, and because it contains some 16 cycle generating equipment. The reservoir, close to the head gates permits rapid load changes at the plant. The plant functioned as integral part of the Italian 50 cycle grid; in the summer and winter it served as a peaking plant to supplement the larger power flow from the north; in the spring and fall it ran as a base load plant. The monthly production of the 16 cycle machines was about steady throughout the year.
3. The percentage of the energy generated by the three plants referred to the total energy of the CIELI system, both 16 and 50 cycle, varied monthly from 11 to 20.
4. Present estimates are that the high tension electrical repairs at Concenter, the Genoa steam plant will take three months; the low tension repairs about six months. Production from the steam plant has not been considered in any estimates.
5. It never has been possible to run the CIELI area self-contained. The system is dependent upon two 120 KW lines from the north, arriving at Arquata, north of Genoa. The capacity of each line is 50,000 KW. One line is in service; the other is expected ready within a month. The present supply from the north runs between 80,000 and 100,000 kWhr per day and is for peaking. In the past the supply from the north reached 900,000 kWhr per day.

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6. The estimate of the CIELI Company of the system requirements for the next six months are contained below and are compared with 1943 and 1944 energy figures :

<u>Month</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>	<u>KW Peak</u>
	<u>Millions kWhr</u>	<u>Millions kWhr</u>	<u>Millions kWhr</u>	
July	57	41	44	110
August	49	31	46	115
September	40	29	48	120
October	47	34	50	125
November	45	40	52	130
December	56	45	55	138

The estimates for 1945 is based upon the resumption of some industry in the Genoa area. Because of the lack of materials and because some equipment has been moved from Genoa, it is difficult to make an accurate estimate. Attached hereto is a typical load curve for the week of 3 June.

7. The information concerning the CIELI Company was given to me by Ing. Natale Balsamo who was described as General Manager of the Company. I found him, his staff and our own people most cooperative to help me.

V.S. RENTON
Lieut-Colonel, Inf.

Enclosure : load curve

(The accompanying document contains 73629 data requested re the Cielli System has been sent to Econ. Section. A copy attached hereto.)

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Copy no 3. 7

Tel. 478906

HEADQUARTERS ALLIED COMMISSION

VSR/ao

INTER OFFICE MEMO

Reference : 197/PWU

19 June 1945

Subject : Electric facilities under French control

To : A/DIRECTOR PUBLIC WORKS & UTILITIES S/C

From : Chief Electrical Division - P.W. & U. S/O

1. Supplementing my inter-office memorandum dated 13 June, subject : Electricity North Italy, the following information is submitted concerning electric facilities in Northern Italy, now under French control :

(4) - Average monthly kilowatt output, and energy production for each month are as follows :

CONFINE STATION

<u>Month</u>	<u>Avg. KW Peak</u>	<u>Millions kwhr p/m</u>
January	9,100	2.26
February	9,300	2.94
March	10,200	4.59
April	10,200	6.48
May	10,000	7.10
June	10,000	5.48
July	9,910	6.06
August	7,800	2.80
September	6,000	1.87
October	7,900	2.14
November	10,100	3.41
December	7,600	2.39

LE MESCE STATION

January	1,750	0.83
February	1,500	0.56
March	1,800	0.80
April	2,900	1.43
May	2,900	1.55
June	2,900	1.18
July	2,900	1.10
August	2,800	7.32
September	2,800	7.32
October	2,800	0.77
November	2,750	1.15
December	1,800	0.98

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SAN DALMAZZO STATION

<u>Month</u>	<u>Avg. KW Peak</u>	<u>Millions kWhr p/m</u>
January	26,000	5.63
February	23,000	4.11
March	24,500	5.00
April	26,000	9.69
May	27,000	13.53
June	29,000	12.81
July	30,000	17.48
August	25,000	9.61
September	26,000	6.41
October	31,000	6.45
November	36,500	8.58
December	31,000	6.49

(5) - Present firm outputs :

Confine	4,500 KW
Le Mesce	2,200 KW
San Dalmazzo	35,000 KW

Firm output of Confine reduced from 8,400 KW because of war damage to plant.

(6) - Present total output of plants estimated to be 300 KW. Estimate based upon belief that transmission lines, running to French electric system, are still damaged and upon knowledge that a small French town Fontan can now be supplied in Fontan area can not be supplied from Italy, however, since area formerly received 25 cycle supply, and French supply is 50 cycle.

(7) - All of present output of plants being diverted to France, transmission lines connecting the plants with the Italian system having been cut.

(8) - Italian or Allied Services are not now being affected. At this season of the year San Dalmazzo is most useful as a stand-by or peaking plant because of its reservoir. Also availability of the three plants to the Italian Grid would save importation of power from northern Italy in following estimated amounts :

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- 3 -

<u>Month</u>	<u>kWhr</u>
July	3,000,000
August	3,000,000
September	6,000,000
October	6,000,000
November	7,000,000
December	7,000,000

It is believed that these quantities of power can be exported from northern Italy to the Genoa area without adverse effects, at least until 1st October 1945. After that time, power in the north may be expected to become less available because of decreased snow melting, combined with increasing electricity demands. San Dalmazzo will also be a very useful source of 16 cycle generation as the railroads in the Genoa area resume operation. The above figures of savings will be increased if San Dalmazzo is available to supply the railroad load.

- (9) - The question of reasonable rates for the entire electric system in northern Italy is now under study, however, a preliminary estimate of a reasonable charge is 80 centesimi per kWh based upon a load factor of not less than 30%.
- (10) - Electricity is scarce in Italy, as is well known and within a few months there will not be any surplus. However, present indications are that 3,000,000 kWh per month at a peak of 6,000 KW could be exported to France without causing serious difficulties. These figures are subject to later revision as future requirements in Italy become clearer.

2. In the event that it is deemed necessary that the electrical energy be exported from Italy to France, it is respectfully recommended that, based upon information contained in the foregoing, one 7800 KW - 50 cycle machine - at the San Dalmazzo generating station be isolated from the Italian Grid and be connected to the French transmission system, and further that the other San Dalmazzo generators as well as the Le Mesco and Confine be reconnected to the Italian Grid system. The following advantages would result :

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- 4 -

- (a) - The San Dalmazzo station would serve as a peak load plant on the north Italian 50 cycle grid system, one role for which it was designed.
- (b) - The 16 cycle railway system would have, in the San Dalmazzo plant, a source of energy.
- (c) - The output of the three plants, if connected to the Italy 16 and 50 cycle grids, would save a corresponding amount of water in the reservoirs of north Italy.
- (c) - A power supply of more than 6,000 KW capacity would be available to France to replace the Breill generating station, a damaged plant of that capacity, located in France but near San Dalmazzo.



W.M. LAPPER
Lieut-Colonel,
Chief Elec. Div.

7358

TOP SECRET

Tel: 558

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

CWA/bih

Ref: ES/1.26

20 March 1945

SECRET

SUBJECT: MUSTER Sitrep No. 50 of 18 March 45.

TO : PW & U Sub-Commission

1. The following extracts from the above Sitrep is forwarded for information:

"PIEDMONT (11th March). After a reconnaissance of the GRESSONEY valley a B.L.O. reports on anti-scorch possibilities as follows:

One power station with two generators can be saved, also a lake in the mountains and auxiliary plant for the station Ponte San Martino. Arms will be required as the partisans in the valley have been forced to make an agreement with the Germans, owing to lack of arms. If arms are supplied the valley will be closed and defended when the time comes and the agreement immediately broken." (Source: B.L.O. in the BIELLA area).

"LIGURIA (13th March). From GENOA our B.L.O. has had the following report:

The light house LEATERRA was lately put out of action by an internal explosion, the cause of which is unknown. SAVONA port, which was blocked with sunk ships in September 1944 has now been further blocked by the recent demolition of the breakwater. ONEGLIA port has been blocked with sunk ships, but small vessels can still enter. SAN REMO and MAURIZIO are also blocked."

(9th March). The GENOA C.L.N. informs our B.L.O. that the Germans have completely destroyed power stations at AIROLE (S/8296) and BAVIRA (S/8491). It is also learnt that the CONCENTER (?) station at GENOA is not in working order."

Carstairs
C. W. ATKINS, Capt. R.A.,
S.O.III, (2358)
Economic Section

SECRET

Copy no 3.

5

G - 5 15ARMY GROUP

2875

4 MARCH 45

PRIORITY

TOPSEC PD

SUBJECT IS POWER PLANTS PD

PAREN TO FIFTEEN ARMY GROUP GEORGE FIVE FOR STEWART FROM HQ ALCOM CITE ACWU PAREN

PARA ONE PD NAMES OF TEN POWER PLANTS WITH PROVINCIAL AND APPROXIMATE MAP
 REFERENCES FOLLOW IN ORDER OF PRIORITY REFERENCE YOUR MESSAGE GEORGE FIVE SLANT
 FOUR ZERO FOUR DATED THREE MARCH PD CAIRO MONTENOTTE CMA SAVONA CMA OBOE
 FOUR FIVE ZERO FIVE ZERO ZERO PD VENAIZIO CMA TORINO CMA HOW FIVE TWO ZERO
 FOUR THREE ZERO PD TURBICO CMA MILANO CMA JIG EIGHT NINE ZERO SEVEN THREE
 TWO PD PREDARE CMA REGGIO EMILIA CMA LOVE ZERO NINE ZERO THREE TWO ZERO PD
 LORECA CMA PIACENZA CMA PETER TWO EIGHT TWO SEVEN THREE ZERO PD MONTE
 MARMORA CMA CUNEO CMA NAN FIVE TWO FIVE SIX EIGHT FIVE PD CARDANO CMA BOLZANO
 CMA BAKER ZERO ZERO ZERO SEVEN ZERO ZERO PD COVALOU CMA AOSTA CMA LOG ZERO
 TWO FIVE ONE ONE ZERO PD FALAITO CMA TREVISO CMA BAKER SEVEN ONE FIVE TWO TWO
 FIVE PD MONTE CMA NOVARA CMA LOG SEVEN TWO ZERO SIX NINE ZERO PD
 PARA TWO PD ALSO RECOMMEND CONSIDERATION TO FOLLOWING HIGH TENSION SWITCHING

7354

PUBLIC WORKS

317

4

TOPSEC

SHEET 2

STATIONS LISTED IN PRIORITY ORDER TOGETHER WITH CITY LOCATION CIN STURA CMA TURIN
PD CHIAPPILLA CMA GENOVA PD SESTO CMA MILANO PD VENEZIA CMA VENEZIA PD
NOVARA CMA NOVARA

②. TOPSEC 2

CARDANO CMA ~~BOLTA~~ BOLZANO

CMA BAKER ZERO ZERO ZERO
SEVEN ZERO ZERO PD. COVACOU

CMA AOSTA CMA DOG ZERO TWO
FIVE ONE ONE ZERO PD FADALTO

CMA TREVISO CMA BAKER SEVEN
ONE FIVE TWO TWO FIVE PD

PONTE CMA NOVARA CMA DOG
SEVEN TWO ZERO SIX NINE ZERO PD.

ALSO RECOMMEND CONSIDERATION
TO ~~FOR~~ FOLLOWING HIGH TENSION SWITCHING

STATIONS ~~HA~~ ~~CITIES~~ LISTED
IN PRIORITY ORDER TOGETHER
WITH CITY LOCATION COLON

CMA AOSTA CMA DOG ZERO TWO
 FIVE ONE ONE ZERO PD FADALTO
 CMA TREVISO CMA BAKER SEVEN
 ONE FIVE TWO TWO FIVE PD
 PONTE CMA NOVARA CMA DOG
 SEVEN TWO ZERO SIX NINE ZERO PD.

ALSO RECOMMEND CONSIDERATION
 TO ~~Following~~ HIGH TENSION SWITCHING
 STATIONS ~~HA~~ ~~CITIES~~ LISTED
 IN PRIORITY ORDER TOGETHER
 WITH CITY LOCATION COLON
 STURA CMA TURIN PD CHTAGPPELLA
 CMA GENOVA PD ~~SF~~ SESTO ^{CMA} MILANO PD
~~NOVARA CMA NOVARA PD~~ V
 VENEZIA CMA VENEZIA PD NOVARA
 CMA NOVARA PD

TOP SECRET

~~G-5~~ TOPSEC 3

G-5 IS ARMY GROUP FOR STEWART.

NAMES OF TEN POWER PLANTS
WITH PROVINCIAL AND APPROXIMATE
MAP REFERENCES FOLLOW IN
ORDER OF PRIORITY REFERENCE
YOUR MESSAGE ~~G-5~~ (G) FIVE
SLANT FOUR ZERO FOUR DATED
THREE MARCH. CAIRO MONTENOTTE
CMA SAVONA CMA OSOE FOUR FIVE
ZERO FIVE ZERO ZERO PD VENZA 210
CMA TORINO CMA HOW FIVE TWO
ZERO FOUR THREE ZERO PD TURBIGO
CMA MILANO CMA JIG EIGHT NINE
ZERO SEVEN THREE TWO PA PREDARE
CMA REGGIO EMILIA CMA LOW 551
ZERO NINE ZERO THREE TWO ZERO

MAP REFERENCES FOLLOW IN
 ORDER OF PRIORITY REFERENCE
 YOUR MESSAGE G G FIVE
 SLANT FOUR ZERO FOUR DATED
 THREE MARCH. CAIRO MONTENOTTE
 CMA SAVONA CMA OBOE FOUR FIVE
 ZERO FIVE ZERO ZERO PD VENZA 210
 CMA TORINO CMA HOW FIVE TWO
 ZERO FOUR THREE ZERO PD TURBIGO
 CMA MILANO CMA JIG EIGHT NINE
 ZERO SEVEN THREE TWO PA PREDARE
 CMA REGGIO EMILIA CMA LOW 351
 ZERO NINE ZERO THREE TWO ZERO
 PD. BORECA CMA PIACENZA CMA
 PETER = TWO, EIGHT TWO SEVEN
 THREE ZERO PD PONTE MARMORA
 CMA CUNEO CMA, NAN FIVE TWO FIVE
 SIX EIGHT FIVE PD

TOP SEC

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

P. WORKS

Originator Reference: G-5/404
 Date/Time of Origin: MAR 021530A

Message Centre No: D/3966
 Date Time Rec'd: MAR 030845A
 Precedence: ROUTINE

FROM: G-5 HQ 15 ARMY GROUP

TO : ALCOM (PUBLIC WORKS AND UTILITIES S/C) ATTENTION LAUGHLIN

COPY NO 1:

TOP SECRET

TOP SECRET.

Conversation STEWART-LAUGHLIN you agree submit by telegram today 7 or 8 hydro electric plants in NORTH ITALY for high priority preservation. To be submitted in order of priority. This to be first selection vital plants. Second selection later when called for.

DIST

Copy No 1	ACTION: P. Works
" " 2	INFO: A/President
" " 3	Chief Commissioner
" " 4	Executive Commissioner
" " 5	File
" " 6	Egon Sec

TOP SECRET

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