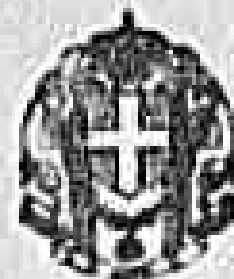


ACC CEB/13/3

10000/150/718

10000/150/718

MISCELLANEOUS
JAN. - JULY 1944



MINISTERO DELLE COMUNICAZIONI

DIREZIONE GENERALE
DELLE FERROVIE DELLO STATO

SERVIZIO LAVORI E COSTRUZIONI

Roma, 26 luglio 1944

Sig. Colonnello Growdon,

Oggetto : Linea Roma - Ponte Galera -
Fiumicino.

Vi comunico le notizie da Voi richieste sulle condizioni della linea Roma -

Ponte Galera - Fiumicino.

I treni possono transitare fra le stazioni di Roma Termini e Ponte Galera fino alla progressiva km. 22 + 440,40 (m. 220,40 dall'asse della stazione di Ponte Galera) dove ha origine la diramazione per Fiumicino.

Sulla diramazione Ponte Galera - Fiumicino esistono due interruzioni in corrispondenza dei seguenti ponticelli :

ponticello di m. 2 di luce al km. 22 + 660

ponticello di m. 5 di luce al km. 22 + 942.

Il binario è rimasto in opera fra la stazione di Ponte Galera e la fermata di Porto (km. 29 + 860,85) ma fra le progressive km. 24 + 465 e km. 27 + 000, cioè in un tratto della lunghezza di km. 2 + 535, le rotaie di m. 12 ciascuna sono state rotte nel loro punto di mezzo mediante esplosivo.

Inoltre fra le progressive km. 22 + 942 e km. 24 + 000, cioè in un tratto di km. 1 + 058, esistono parecchie interruzioni nel binario dovute all'azione dell'esplosivo con il quale sono stati fatti saltare sei locomotori e carri carichi di materiali.

Nel tratto dalla fermata di Porto (km. 29 + 860,85) alla stazione di Fiumicino (km. 32 + 610,00), cioè per km. 2 + 749,15 e per tutti i binari dei due piazzali le rotaie sono state asportate dai tedeschi.

I fabbricati non hanno subito danni.

Vogliate gradire i miei distinti saluti

Ing. Domenico Albertazzi

80

A.A.I.
CENTRAL ELECTRICAL BOARD
HQ AAI CMF

REF: CEB/13/3

26 July 1944.

SUBJECT:- Consorzio Idroelettrico Aniene

TO:- Controller Financial Institutions
Rome Region A.C.C.
Allied Military Government, APO 394 U.S. Army
(Attention Capt V.A. CATOZZELLA)

1. Replying to your letter of 21 July 44 enquiring as to the above subject, I enclose herewith a statement prepared by Dott. Ing. ROVELLI, Managing Director of the Societa Romana di Elettricit , which is a member of the Consorzio Idroelettrico Aniene.
2. Unless the statements contained in the enclosed are proved incorrect, the Consorzio should be continued in operation and its funds unblocked.
3. All the Electric Coys with which the AAI Central Electrical Board has had direct contact, especially the Societa Romana di Elettricit , have co-operated in every respect with the Allied Forces, making available a supply of electricity and rehabilitating damaged or destroyed plants.
4. Answering your specific enquiries :-
 - (a) the Consorzio Idroelettrico Aniene is legitimate
 - (b) It is believed to be useful under present conditions, and not derived from previous Fascist connections.

JAMES P. GROW
COLONEL CL.
Vice Chairman, AAI - C.E.B.

ROME REGION A. C. C.
ALLIED MILITARY GOVERNMENT
A. P. O. 394 U. S. ARMY

FINANCE DIVISION

ROME, 21st. of July 1944

Subject: CONSORZIO IDROELETTRICO ANIENE

To: Col. GRODEN
Chairman Central Electric Board AFHQ

1) We refer to you for your remarks and recommendations the matter of Consorzio etc.

2) This account was blocked in our general blocking operations and the Consorzio is now applying for unblocking.

3) On the surface it appears that this Company may have had no reason for existence except as a middleman to hold franchises. T.C.U. Rome Region A.M.G. states that some of their electrical people have indicated a need for this organization in present operations.

4) We would be pleased to hear your recommendations as whether the operations of this concern are:

- a) legitimate;
- b) essential to the life of the city and not derived from previous Fascist connections

V.A. Catozella

V.A. CATOZELLA Capt.
Controller Financial Institutions

VAC/cc

C. F. G.

NOTE to Point 1 of the letter

The Consorzio Intercomunale dell'Aniene (C.I.A.) is not an intermediary but an institution effecting by itself all the administrative functions resulting necessary from the estates in common between Rome's Municipality and S.R.E. for the utilization of Aniene's waters near Tivoli. The technical functions of aforesaid utilization are devolved to S.R.E.

C.I.A. is entitled to the State concession relating to aforesaid utilization as appears from Royal Decree 3 September 1920 N° 8983. In other words, C.I.A. is the proprietor of all rights belonging to the concession so that if C.I.A. was to fail, every right granted to the same concession would cease.

C.I.A. fulfils aforesaid administrative functions by:

- a) contracts, transactions, compromises;
- b) exercise of active and passive judiciary acts;
- c) control on exercise expenses of plants and supply of electric power in favour of both enterprises belonging to the trust;
- d) drawing up of technical-financial plans of works to build and controlling their execution;
- e) connections with the manufacturers of Tivoli to whom the electrical power was given in substitution of the hydraulic power existing before and etc. etc.

All these activities take place by means of the Management Board of the Trust, of the Executive Board and of the office of Secretary, to which a single employee is appointed.

The account of C.I.A. ought not to have been included in these subject to blockade, not being a real trust constituted by law for the common interest, but simply a private enterprise, to be better defined a community of interests, and as such it has been officially entered into the register of firms at the Provincial Council of Economy.

NOTE to point 4 of the letter

- a) The request to raise the blockade of the current account is legitimate, as C.I.A., as has been said, is entitled to the State concession of derivating water from the river Aniene, which comes up to September 9th 1920.

Therefore C.I.A. represents lawfully the Municipality of Rome as well as S.R.E., the two enterprises of the Trust, in every connection referring to aforesaid concession, be it in front of the State as well as of other public enterprises and private ones.

C.I.A. must provide, in the development of its activities, to effectuate many payments for which it must be free to dispose freely of its own current account.

From this account off, which is supplied by periodical payments from both the Trust's enterprises, the C.I.A. ought to have paid ever since the first of current month of July, 102 000 £ to the Municipality of Tivoli for the use of the water of the Falls, but it was not able to do so, on account of the blockade. It has evermore to pay some office and ordinary management expenses before the end of current month. The blockaded account has presently an asset of about 190 000 £.

- b) C.I.A. activity is important for the regular development of the town's life, being an executive and controlling organ on part of the electrical power output for Rome. This output, though presently very reduced, is however still going on by means of two undamaged stations.

C.I.A. is an enterprise which had been prearranged by Royal Decree of September 9, 1920, so that it must be totally excluded that it was derived of precedent fascist connections, if it be remembered that Fascist Government began at the end of the year 1922.

C.I.A. does not get any financial assistance nor subsidies from the State nor from other Public Utilities either, but has instead to pay rents and indemnities to the State as well as to the Municipality of Tivoli.

Important Activities of C.I.A.

As an instance of C.I.A. activity we give the following indications of some of the most important ones. Many of these matters would want a particular explanation, but for shortness' sake we only hint to them, remaining at disposal for every explanation or detail that should be wanted.

2)

- 1) Contracts for the electrification of industrial and hydraulic customers existing beforehand in Tivoli (about 20 contracts).
- 2) Transaction for indemnity with Acqua Marcia Company.
- 3) Decree of Ministry of Public Works about the extent of concession rents.
- 4) Lawsuit Cipriani & Naviglia.
- 5) Various contracts for purchase of ground, ejectments and so on.
- 6) Purchase of Calderai concession to derive water at Ponte Lucane.
- 7) Installation of an excavating dredger in S. Giovanni's Reservoir, a Government concession.
- 8) Decree of the Minister of Public Works accepting the waiver to Empigliane plant and prerogating the terms for the installation at Ponte Lucane.
- 9) Opposition not to Decree of Public Works' Minister about the amount of rent on that part of customers which had been already exempted.
- 10) Purchase of a 24,000 KVA transformer.
- 11) Plan of compensation reservoir at Ponte Lucane.
- 12) Dolairani lawsuit.
- 13) Definitive plan for the unification of the heads of Ponte Lucane and Lunghezza.
- 14) Transaction with the State about the amount of demesial rent.
- 15) Negotiation with Tivoli Municipality to modify actual rent connections.
- 16) Lawsuit against Società Condotta e Acquedotto del Simbrivio.
- 17) Utilization of the waters of Tivoli's Falls.
- 18) Reimbursement of demesial rent from the shunted customers.
- 19) Transaction not with Tivoli Municipality.

Emoluments and expenses of C.I.A.

The Management Board is composed of eleven persons which are not receiving any salary as Consiglieri, not even an attendance-check.

The Executive Committee is composed of four persons with a monthly allowance (indemnity) of £ 1 928,65, except one which gets £ 2 387,85.

The Chairman gets a monthly indemnity of £ 3 869,40 as reimbursement of costs, instead of the car allowed to the precedent Chairman, which has been suppressed since many years for economy's sake.

The Secretary is the only employee of the Trust and gets a monthly salary of £ 2 950.

The rent of the office amounts to £ 382,50 monthly. The office's expenses are around 500 £ monthly.

The continuance of these emoluments and costs does not want a further demonstration.

From the "RISORGIMENTO" of July

HEADQUARTERS

A. C. C. Region III

ADMINISTRATIVE ORDER N. 10

In force of the powers conferred on me I.J.M. Chapman, Col. provisional regional Commissioner of Region III order:

ART. 1 - Nobody can cross the borders of Naples and Benevento Provinces, either entering or getting out of Region III on foot or by vehicles, without having a pass granted by an Officer of the A.C.C. or A.M.G. able to issue the permit that must give authority to cross the border.

ART. 2 - Attachment of vehicles - Any official of military of civil police and the Carabinieri shall seizure, in force of this order, all vehicles put into motion by motors, and not belonging to A.F. and found within the limits of Region III transporting or trying to transport a cross the limits - as fixed in this order at art. 1 - persons not having the above permits.

A Military Court or the Regional Commissioner shall

ADMINISTRATIVE ORDER N. 10

In force of the powers conferred on me I.J.M. Chapman, Col.

provisional regional Commissioner of Region III order:

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A Military Court or the Regional Commissioner shall establish the Authority the time and the place the seized vehicle must be disposed of.

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ART. 3 - Penalties - Everyone breaches the provisions of this order and is considered guilt by a Military Court, shall be liable to be arrested or fined, without or with the other penalties which may be ordered by the Court, which can on its discretion order the attachment in favour of the A.F. of every property in relation to which the breaching was committed instead of or in addition to the seizure or other penalty, under its jurisdiction.

ART. 4 - Extension of the order and date of its becoming operative - This order is extended to the Provinces of Naples, Avellino and Bene-

./.

2.

vento and will become operative on and after July 4th 1944.

JON W. CHAPMAN,

Colonel J A & D

Provisional Regional Commissioner

73

SUBJECT:- TERNI Steel Works.

Directorate of Works,
H.Q., A.A.I., C.M.F.

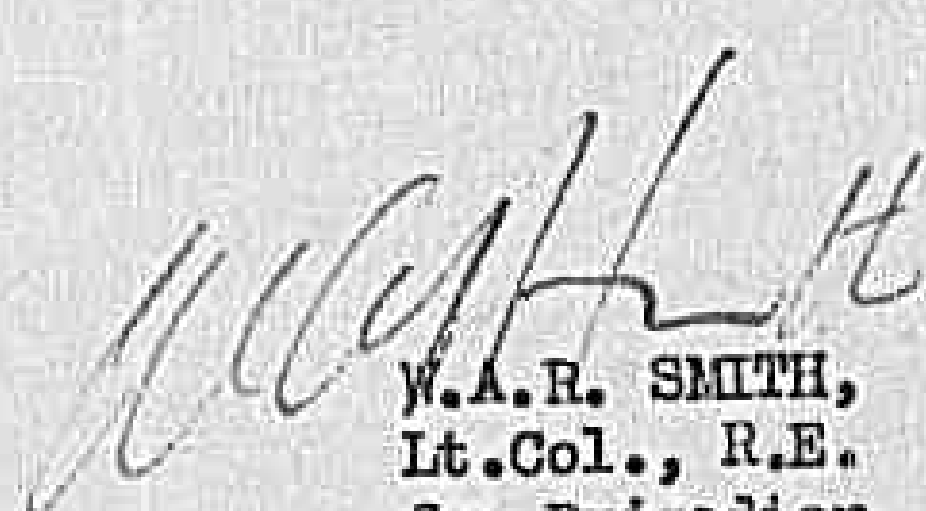
1772/DW

Vice Chairman,
C.E.B.

18 Jul 44.

Ref. your CEB/13/2 of 12/7/44.

This matter has already been taken up by A.C.C. with "Q" Branch. The works had to be closed because there was considerable pilferage of W.D. rations, and ~~it~~ will be re-opened as soon as it is operationally possible.


W.A.R. SMITH,
Lt.Col., R.E.
for Brigadier,
Director of Works.

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A.A.I.
CENTRAL ELECTRICAL BOARD
HQ AAI CMF

REF: CEB/13/2

10 July 44.

TO:- Societa Terni.
(For attention of Sig. Bochicchio.)

1. You will release from the SALTO and TERANO reservoirs a total of 10 C.M. of water per second to augment the flow of the NERA River.

2. This release of water will be begun as promptly as possible and will be continued until further orders have been received from this office, except that the release will be stopped in the event of rainfall which increases the flow of the NERA River to 65 C.M. per second.

James P. Growdon
JAMES P. GROWDON,
COLONEL CE,
Vice Chairman, AAI - C.E.B.

A.A.I.
CENTRAL ELECTRICAL BOARD
HQ AAI CME

REF: CEB/13/2

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JAMESF. GROWDON,
COLONEL CE,
Vice Chairman, AAI - C.E.B.

69
70

A.A.I.
CENTRAL ELECTRICAL BOARD
HQ AAI CMF

REF: CEB/13/2

12 July 44.

SUBJECT:- Terni Steel Works

TO:- CE HQ AAI CMF

1. The Managing Director of the Terni Steel Works has informed me that the Steel Works at Terni have been completely closed down for the past two weeks by order of the Military Forces.
2. While the Terni Steel Works have suffered bomb damage and removal of plant, but no demolition, the remaining facilities are vitally essential to repair the hydro electric plants in the Terni area, and for other military uses.
3. It is suggested that the Steel Works be re-opened unless there is some compelling reason to the contrary.

JAMES P. GROWDON,
COLONEL CE,
Vice Chairman, AAI - C.E.B.

69

65

A.A.I.
CENTRAL ELECTRICAL BOARD
HQ AAI CMF.

REF: CEB/13/3

1 July 1944

SUBJECT:- Report on Hydro-Electric Station on
PESCARA River.

TO:- DW HQ AAI CMF

1. As requested, the s/m report is returned
herewith.

JAMES P. GROWDON,
COLONEL CE,
Vice Chairman, AAI - C.E.B.

68

Subject: Electric Power Supply.

11 C.E. Works,
Eighth Army.
CE 1506/60

9 Jun 44.

AAI C.E.B.
A.P.O. 400.

Herewith copies of dwgs showing:

- (a) Details of 10,000 KVA 12,750 volt 540/600 r.p.m.
Ansaldo Alternator.
 - (b) - ditto - but 5000 KVA.
 - (c) Details of Concrete Penstock.
- All are of CEPIANO Power Station.

These dwgs are passed to you for information in case you
require them to be installed elsewhere.

AWP/ar.



[Signature]
Colonel,
11 C.E. Works,
Eighth Army.

67

Subject:- Electricity - Stores removed from S.M.E. Limpa Grandi Plant (Sila)

Directorate of Works,
H.Q., A.A.I., C.M.F.

528/DW

8 Jun 44.

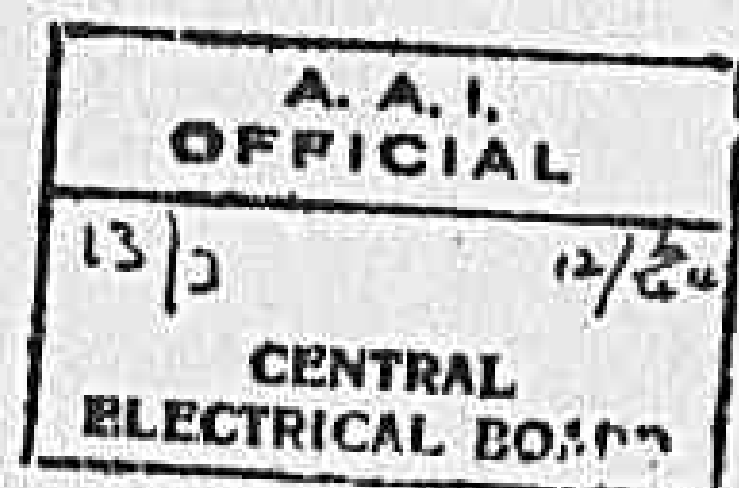
To:- Vice Chairman C.E.B.

1. With reference to the complaint made by S.M.E. concerning the theft of certain materials at Limpa Grandi Plant (Sila) on 17th April at 1430 hours, it is reported that all materials have now been returned. It is denied that they were taken by force and it is stated that at the time work of Military importance was involved which necessitated their immediate requisition.

2. In the circumstances it is considered that the matter should now be regarded as closed.

W.A.R. Smith
W.A.R. SMITH.
Lt. Col. R.E.
for Brigadier,
Director of Works.

WERS/EDR.



66

ENGINEER SERVICE
PENINSULAR BASE SECTION
APO 782

DSB/rak

3 June 1944

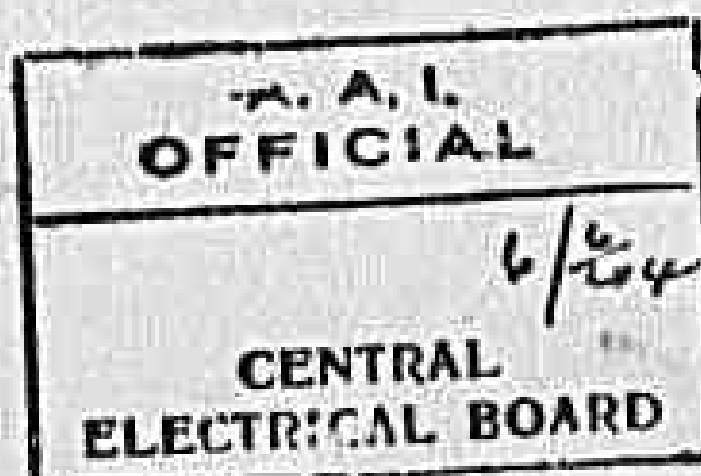
SUBJECT: Protection of the Power System.

TO : The Chairman,
A.A.I. Central Electric Power Board.

1. It is recommended that a survey be made to determine whether important electric power installations are being sufficiently protected against possible sabotage.
2. It is further suggested that if additional protection seems necessary an effort be made to effect it through the Italian Army.
3. Attached is a report of an inspection of the Sila Hydro Electric Development.

Donald S. Burns
DONALD S. BURNS,
Colonel, Corps of Engineers,
Engineer Officer.

1 Incl.-
Ltr. Engr Serv. PES, dtd 1 June 44,
subj: Protection to Sila Hydro
Electric Development.



65

ENGINEER SERVICE
PENINSULAR BASE SECTION
A. P. O. 782

GC/rhf

1 June 1944

SUBJECT: Protection to Sila Hydro Electric Development.

TO : Colonel D. S. Burns, Engineer Officer.

1. This development which was visited between 19 and 22 May 1944, consists in general of 2 large storage reservoirs with dams and headworks, 3 hydro electric power plants and 1 pumping plant together with tunnels, penstocks, forebays, surge tanks and control works.

2. The area covered is large and protection is furnished at critical points as indicated below:

a. Dams and tunnel entrances at large reservoirs:

- (1) Anti torpedo nets in reservoirs.
- (2) Camouflage.
- (3) Anti aircraft batteries.
- (4) Italian troops.

b. Penstocks, forebays, surge tanks and control works:

- (1) Camouflage.
- (2) Anti aircraft batteries at the most exposed locations, particularly at high levels overlooking control works and tops of penstocks or pipe lines.
- (3) Italian troops including dispersal along pipe lines.

c. Power and pumping plants including switchyards:

- (1) Camouflage.
- (2) Italian troops.

3. It is estimated that between 300 and 400 Italian troops are employed. At all points visited between 19 May and 22 May 1944 these

troops were alert. Although the camouflage is reasonably good in most places, it is not believed to be very effective because it is impossible to effectively obscure reservoir boundaries and open streams. Anti aircraft batteries seem to be well located. In general, the protection seems to be reasonably good.



G. COOLEY,
Lt. Colonel, Corps of Engineers,
Construction Branch.

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ALLIED COMMISSIONFUNCTIONS OF
PUBLIC WORKS AND UTILITIES SUB-COMMISSION(a) MISSION

To initiate, develop and direct the collection of vital data on, and to investigate and analyse the conditions of public works and utilities and take such steps as are necessary to the end that military and essential civilian requirements are met.

(b) MAJOR FUNCTIONS

1. To cooperate with and assist the responsible Army personnel in the prompt restoration of essential public works and utilities required for purely military purposes.
2. In cooperation with Italian officials, to formulate, coordinate and activate long range programs of public works and utility rehabilitation in the most expeditious and economical manner commensurate with the general/to a normal economy.
return
- (3. To review all plans and specifications for work to be done and to ensure that repairs of War Damage will generally be executed on a "first aid" scale, sufficient only to permit the works industry or installations to carry on their essential functions.
4. In cooperation with proper agencies within the A.C. to formulate policies, plans and procedures for the allocation and use of critical construction materials, based upon the availability of such materials.
5. To Collect and analyse data required, and to initiate such directives as are needed to accomplish the rehabilitation and early operation of essential public works and utilities necessary for military purposes, or to maintain civil life and vital commerce.
6. Establish liaison with other sub-commissions, with respect to pertinent features affecting these sub-commissions. 62
7. To assist and advise all governmental officials engaged in public works, or civilian officials engaged in vital private utilities of services, in problems of management, finance, wages, rates, operations and supplies, or the rehabilitation of essential facilities.
8. To supervise the execution by the Italian government, or private utilities, of instructions and directives issued to them by the Allied Commission or this Sub-Commission.

9. To supervise and be responsible for the policies, technical decisions and procedures of Regional public works and utility personnel and the letting of contracts for public work or utility reconstruction and rehabilitation.

10. To make recommendations to the Commission with respect to the foregoing.

11. To maintain necessary records and to handle such other special assignments as the Commanding General may direct.

(c) DETAIL ELEMENTS INCLUDED IN ABOVE FUNCTIONS

By the issuance of directives to the extent approved by the Commission, this Sub-Commission will supervise the construction, rehabilitation, maintenance, operation and management of the following Public Works and Utilities, or problems therewith.

1. Administration of P.W.&U. problems, concerning:

- a. General management.
- b. Finance
- c. Wages
- d. Rates
- e. New materials
- f. Salvage
- g. Fuels
- h. Transportation

2. Supervision of Public Works projects, including:

- a. Water and gas (including production, storage, distribution and purification and aqueducts).
- b. Sewers (including mains and disposal).
- c. Irrigation and drainage.
- d. Harbour Works.
- e. Highways.
- f. Bridges.
- g. Tunnels.
- h. Buildings.
- i. Inspection.
- j. Plans and Specifications for Construction.
- k. Contracts.

3. Supervision of Electric Utilities and other Power Plants, including:

- a. Electric Power Production.
- b. Transmission.
- c. Distribution.
- d. Sub-stations.

- e. Large Power Sale.
- f. Power interchange.
- g. Railway Power.
- h. Commercial Steam Plants.
- i. Commercial Compressed Air Plants.

PROCEDURE REGARDING THE FUNCTIONS OF THE REGIONAL
PUBLIC WORKS AND UTILITIES OFFICERS AND THEIR
RELATIONS WITH THE PUBLIC WORKS AND UTILITIES
SUB-COMMISSION, A.C.

1. Regional Public Works and Utilities officers will perform the same relative functions within a Region as are contained in the directive to the Public Works and Utilities Sub-Commission, outlining its functions, excepting such functions as are specifically reserved for review, approval and action by the Sub-Commission.

2. The Public Works And Utilities Sub-Commission is responsible for the policies, general technical decisions and procedures of the Regional personnel assigned to the handling of Public Works and Utilities problems. Therefore, the following procedure will be observed:

(a) All questions of a purely technical nature will be handled directly between the head of the P.W.&U. Sub-Commission at A.C. Headquarters, and the corresponding Regional Head, either by personal contact or through correspondence, with information copy to the R.C.A.O.

(b) All requests to the Region for general surveys and reports, and replies thereto, and all matters involving policies or administration, finances etc., will be handled through proper channels.

(c) Questions of ordinary maintenance of Public Works or of Utility properties may be settled by the Chief P.W.&U. officers of the Regions provided they do not involve the use of critical materials. If critical materials are involved, approval of this Sub-Commission must be obtained. Regional Chief P.W.&U. officers will be advised from time to time what these critical materials are affecting their regions.

(d) All questions of electrical output, current control and management of electrical companies are a headquarters function because of the regional overlapping and integration of transmission system. Therefore, Regional Officers will submit all such questions to this Sub-Commission for decision.

(e) All questions of water supply or transportation arteries involving more than one Region will, likewise, be submitted to this Headquarters for decision.

(f) Regional P.W.&U. officers are not permitted to approve and sign contracts. All contracts, either for construction, or for **P**ublic Works or Utilities services, whether these are to be authorised by American or Italian Officials, must be submitted to the P.W.&U. Sub-Commission for Headquarters approval.

SECRET

A.A.I.
CENTRAL ELECTRICAL BOARD
APO 400

REF: CEB/13/3

7 May 1944

SUBJECT:- Interruption of Railway Operation by Bombing Railway Substations.

TO:- DDW HQ AAI CMT (Attention Major ROY T HARRIS RE)

1. The answers to the queries contained in your memo dated 2 May 44 have been obtained from conferences between Colonel JAMES P. GROWDON, AAI Central Electrical Board; Colonel F.R. HOSACK, Chief of Operations, MRS; Lieut. E.G. PETERSON, MRS; and Ing. Mario BORRIELLO of the Electric Power and Signals Department of the Italian State Railways.

The substations feeding :-

- (1) Florence - Rome
- (2) Falconara - Orte
- (4) Pisa - Roma

are indicated in red on the attached map. The Arezzo - Perugia line is not electrified.

Replying to the specific questions :-

- (a) The power for the railway lines mentioned above is generated in any or all of the interconnected power systems in Central and North Eastern ITALY. The main transmission lines are shown on the attached map, from which it can be seen that power for these railways lines comes from a very large number of generating stations over a very large interconnected transmission system.
- (b) Power taken from the transmission lines is transformed from Alternating Current to 3000 volt Direct Current which is put on the railway catenary. The power is taken from the catenary to the motors by a pantograph collector on the locomotive.
- (c) In this situation the most certain way of stopping electric operation of the railways is to destroy all of the above stations feeding them. This does not appear to be feasible because of the large number of stations scattered over Central and North Eastern ITALY. Destruction of all substations would stop electric operation until enough portable substations could be moved in and connected. There are about 30 such portable substations in Northern ITALY. Two days time should be enough to move in and put in service ~~the~~ a portable railway substation.
- (d) The destruction of one or more substations would cause ~~an~~ ^{an} ~~embarrassment~~ ^{embarrassment}, but little more. These railway lines have been electrified for only about 6 years and it is believed that steam operation could be resumed after only a short interruption to traffic.

N.B. It is suggested that the destruction of bridges is much the most effective method of stopping railway operation. Based on experience in Southern ITALY, if an important bridge is effectively bombed at intervals of 3 - 5 days no traffic will move over that railway line.

Colonel, CE,
Vice Chairman, AAI - C.E.B.

ing Ruggiero
Servizio Idrografico
MEMORANDUM

With reference to our previous memorandum of the 2nd of this month we have been told by the Servizio Idrografico that units of Piana dei Greci are rated about 5200 HP (turbine) and 3500 KW (alternator). It seems that some years ago the turbines of the first installation were changed with others of increased capacity. We must then presume that generator must be operated at unity power factor for the output of 3500 KW. According with the above data figures given in our previous memorandum about the output of Piana dei Greci unit in the second stage of Matese must be changed as follows:

maximum power	2350 KW
energy available in average year	11 mil.Kwh

For the units remained in the first stage:

max continuous power (without loss of water on the 2 nd stage)	3200 KW
max power for a peak load of 8 hours (without loss of water on the 2 nd stage)	5200 "
max power for a peak load of 4 hours (without loss of water on the 2 nd stage)	6800 "
max power in case of emergency (with loss of water on the 2 nd stage)	11000 "
energy available in average year	22 mil Kwh

Naples, the 5th May 1944
 TM/pz

PRO - MEMORIA

Con riferimento al nostro precedente pre-memoria del 2 c.m. abbiamo avuto notizia dal Servizio Idrografico che le unità di Piana dei Greci hanno le seguenti caratteristiche: 5200 HP (turbina) - 3500 KW (alternatore). Risulterebbe che alcuni anni or sono le turbine di prima installazione sono state cambiate con altre di maggior potenza. Noi presumiamo pertanto che gli alternatori potranno erogare la potenza di 3500 KW soltanto a $\cos\phi = 1$. In base alle notizie di cui sopra i dati stimati nel nostro precedente pre-memoria per il funzionamento di un'unità di Piana dei Greci al 2° Matese vanno modificati come segue:

massima potenza	2350 KW
energia producibile in un anno	11 mil. Kwh

Per le unità rimaste al 1° salto Matese:

massima potenza continua (senza perdita di acqua al 2° Salto)	3200 KW
potenza massima per carico di punta di 8 ore (senza perdita di acqua per il 2° Salto)	5200 " 52
potenza massima per carico di punta di 4 ore (senza perdita di acqua per il 2° Salto)	6800 " 53
potenza massima in caso di emergenza (con perdita di acqua per il 2° Salto)	11000 " 55
energia disponibile nell'anno medio	22 milioni Kwh

Place ^{inv.} demands on A.C.C.
A.C.C. will try to supply
through local resources or
through their normal channels
if of urgent nature A.C.C.
will place demands on
PBS or other military services.
These services will issue at
their discretion and so
long as the issue does
not cause such articles
to be in short supply
prior to replacement through A.C.C.
supply channels.

ARMY FORM 02156 (Small)

MESSAGE FORM

Register No.

Call

Sgt. No.

Priority

Transmission Instructions

ABOVE THIS LINE FOR SIGNALS USE ONLY

FROM
(A)

Originator

Date-Time of Origin

Office Date Stamp

For Action

TO

(W) For Information (INFO)

Message Instructions

GR

Originator's No.

THIS MESSAGE MAY BE SENT **AS WRITTEN**
BY ANY MEANS { EXCEPT

WIRELESS

IF LIABLE TO BE INTERCEPTED OR TO
FALL INTO ENEMY HANDS, THIS MES-
SAGE MUST BE SENT **IN CIPHER**ORIGINATOR'S INSTRUCTIONS
DEGREE OF PRIORITY

Time System Op.

YH or TOR

Time cleared

SIGNED

SIGNED

SECRET

REGIONE	PROVINCES	AMG REGIONS
PIEMONTE	1 Allessandria, 2 Aosta, 3 Asti, 4 Cuneo, 5 Novaro, 6 Torino, 7 Vercelli.	
LIGURIA	8 Genova, 9 Imperia, 10 La Spezia, 11 Savona.	
LOMBARDIA	12 Bergamo, 13 Brescia, 14 Como, 15 Cremona, 16 Mantua, 17 Milano, 18 Pavia, 19 Sondrio, 20 Varese.	
VENEZIA TRIDENTINA	21 Bolzano, 22 Trento.	
VENETO	23 Belluno, 24 Udine (Prinli), 25 Padova, 26 Rovigo, 27 Treviso, 28 Venezia, 29 Verona, 30 Vicenza.	
VENEZIA GIULIA & ZARA	31 Carnara (Fiume), 32 Gorizia, 33 Pola, 34 Trieste, 35 Zara.	
EMILIA	36 Bologna, 37 Ferrara, 38 Forli, 39 Modena, 40 Parma, 41 Piacenza, 42 Ravenna, 43 Reggio nell' Emilia.	Reg. IX
TOSCANA	44 Arezzo, 45 Firenze, 46 Grossetto, 47 Livorno, 48 Lucca, Massa e Carrara, 50 Pisa, 51 Pistoria, 52 Siena.	Reg. VIII
MARCHE	53 Ancona, 54 Ascoli, Piceco, 55 Macerata, 56 Pesaro.	Reg. V
UMBRIA	57 Perugia, 58 Terni.	Reg. V
LAZIO	59 Procinone, 60 Littoria, 61 Rieti, 62 Roma, 63 Viterbo.	Reg. IV
ABBRUZZI e MOLISE	64 Aquila, 65 Campobasso, 66 Chieti, 67 Pescara, 68 Teramo.	Reg. IV
CAMPANIA	69 Avellino, 70 Benevento, 71 Napoli, 72 Salerno.	55 Reg. III

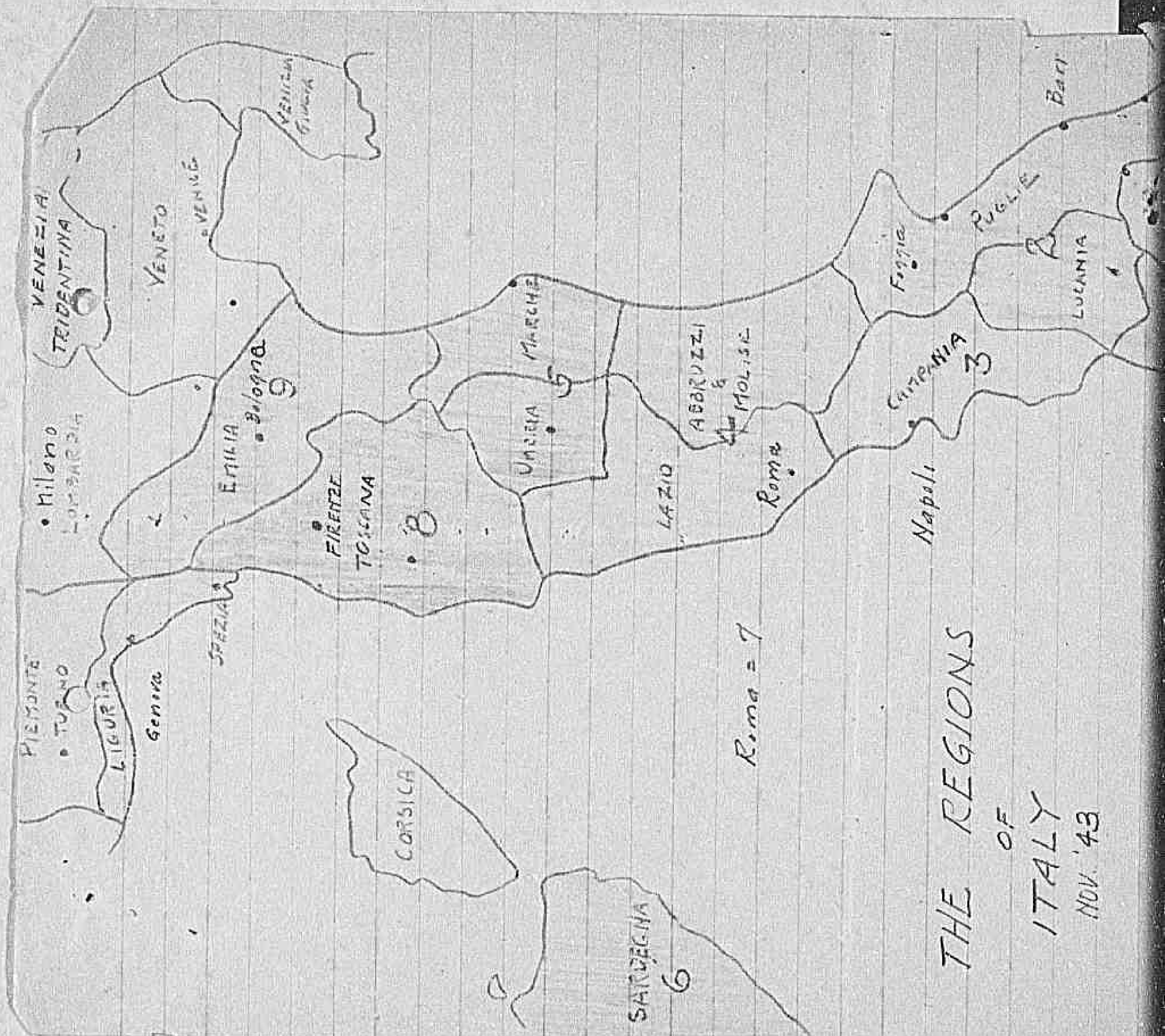
LOMBARDIA	12 Bergamo, 13 Brescia, 14 Como, 15 Cremona, 16 Mantua, 17 Milano, 18 Pavia, 19 Sondrio, 20 Varese.	
VENEZIA TRIDENTINA	21 Bolzano, 22 Trento.	
VENETO	23 Belluno, 24 Udine (Trinli), 25 Padova, 26 Rovigo, 27 Treviso, 28 Venezia, 29 Verona, 30 Vicenza.	
VENEZIA GIULIA & ZARA	31 Carnaro (Trieste), 32 Gorizia, 33 Pola, 34 Trieste, 35 Zara.	Reg. IX
EMILIA	36 Bologna, 37 Ferrara, 38 Forlì, 39 Modena, 40 Parma, 41 Piacenza, 42 Ravenna, 43 Reggio nell' Emilia.	
TOSCANA	44 Arezzo, 45 Firenze, 46 Grossetto, 47 Livorno, 48 Lucca, Massa e Carrara, 50 Pisa, 51 Pistoria, 52 Siena.	Reg. VIII
MARCHE	53 Ancona, 54 Ascoli, Fiesco, 55 Macerata, 56 Pesaro.	Reg. V
UMBRIA	57 Perugia, 58 Terni.	Reg. V
LAZIO	59 Prosinone, 60 Littoria, 61 Rieti, 62 Roma, 63 Viterbo.	Reg. IV
ABRUZZI e MOLISE	64 Aquila, 65 Campobasso, 66 Chieti, 67 Pescara, 68 Teramo.	Reg. IV
CAMPANIA	69 Avellino, 70 Benevento, 71 Napoli, 72 Salerno.	55 Reg. III
PUGLIA	73 Bari, 74 Brindisi, 75 Foggia, 76 Taranto, 77 Lecce.	Reg. II
LUCANIA	78 Matera, 79 Potenza.	Reg. II
CALABRIA	80 Catanzaro, 81 Cosenza, 82 Reggio, 83 Calabria.	Reg. II
SICILIA	83 Agrigento, 84 Caltanissetta, 85 Catania, 86 Enna, 87 Messina, 88 Palermo, 89 Ragusa, 90 Siracusa, 91 Trapani.	Reg. I
SARDEGNA	92 Cagliari, 93 Nuoro, 94 Sassari.	Reg. I

THE REGIONS OF ITALY

ANG No.	REGIONS	PROVINCES
1	SICILIA	83 Agrigento, 84 Caltanissetta, 85 Catania 86 Enna, 87 Messina, 88 Palermo, 88 Palermo , 89 Ragusa 90 Siracusa, 91 Trapani.
2	Calabria Lucania Puglie	80 Catanzaro, 81 Cosenza, 82 Reggio di Calabria, 78 Matera, 79 Potenza, 73 Bari, 74 Brindisi, 75 Foggia, 76 Taranto, 77 Lecce.
3	CAMPANIA	69 Avellino, 70 Benevento, 71 Napoli, 72 Salerno,
4	LAZIO ABRUZZI & MOLISE	59 Frosinone, 60 Littoria, 61 Rieti, 62 Rome 64 Aquila, 65 Campobasso, 66 Chieti, 67 Pescara, 68 Teramo.
5	UMBRIA MARCHE	57 Perugia, 58 Terni. 53 Ancona, 54 Ascoli, Piceno, 55 Macerata, 56 Pesaro.
6	SARDEGNA	92 Cagliari, 93 Nuoro, 94 Sassari.
7	H.Q.	Rome and Vicinity.
8	TOSCANA	44 Arezzo, 45 Firenze, 46 Grosseto, 47 Livorno 48 Lucca, Massa, e Carrara, 50 Pisa, 51 Pietera, 52 Siena.
9	EMILIA	36 Bologna, 37 Ferrara, 38 Forli, 39 Modena, 40 Parma, 41 Piacenza, 42 Ravenna, 43 Reggio, nell'Emilia.
10		

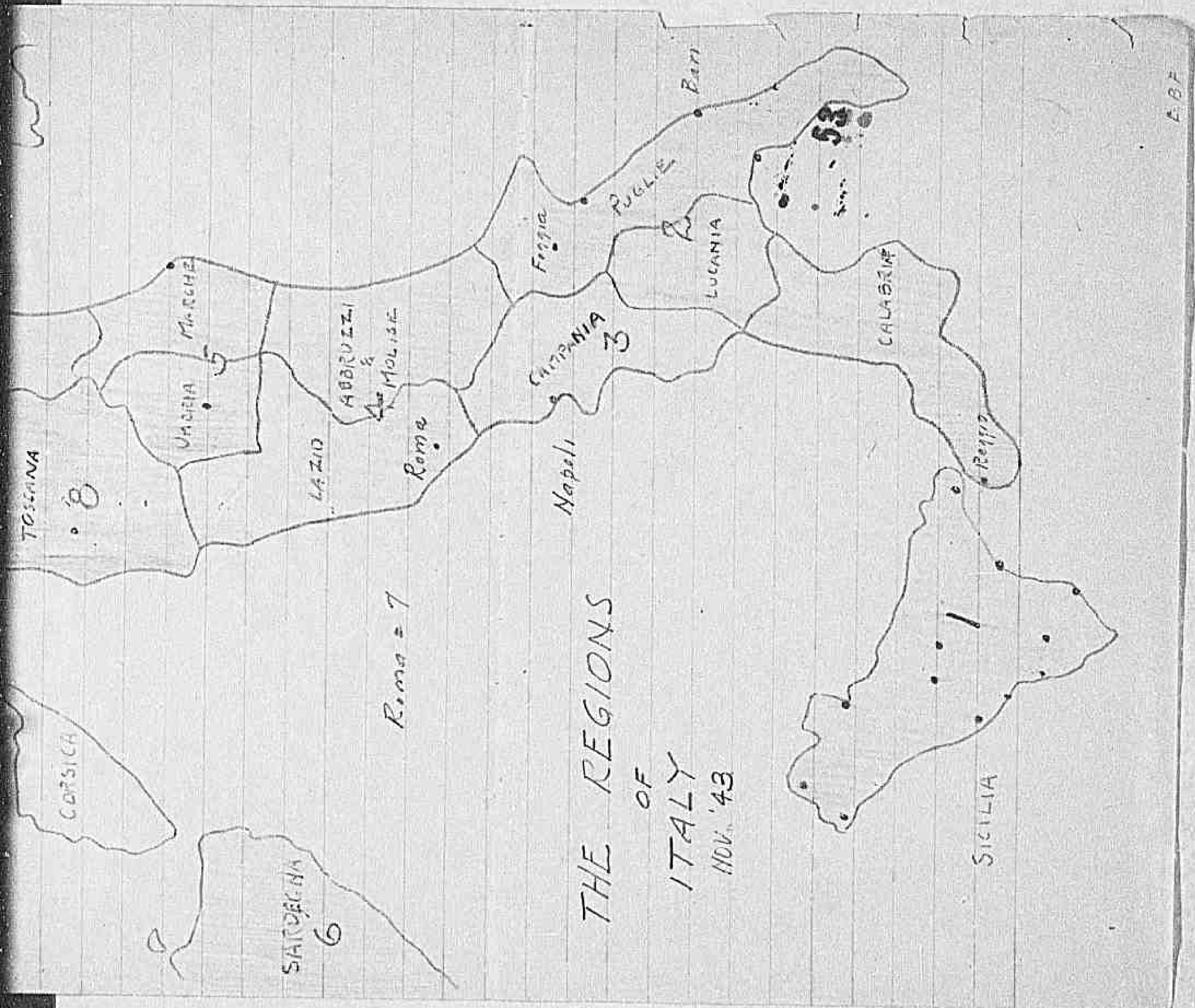
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5	UMBRIA MARCHES	57 Perugia, 58 Terni. 53 Ancona, 54 Ascoli, Piceno, 55 Macerata, 56 Pesaro.
6	SARDEGNA	92 Cagliari, 93 Nuoro, 94 Sassari.
7	H.Q.	Rome and Vicinity.
8	TOSCANA	44 Arezzo, 45 Firenze, 46 Grosseto, 47 Livorno 48 Lucca, Massa e Carrara, 50 Pisa, 51 Pietra, 52 Siena.
9	EMILIA	36 Bologna, 37 Ferrara, 38 Forli, 39 Modena, 40 Parma, 41 Piacenza, 42 Ravenna, 43 Reggio, nell'Emilia.
10		

UNASSIGNED				
PIEMONTE	LIGURIA	LOMBARDIA	VENEZIA	VENETO
1. Allessandria 2. Aosta 3. Asti 4. Cuneo 5. Novara 6. Torino 7. Vercelli	8. Genova 9. Imperia 10. La Spezia 11. Savona	12. Bergamo 13. Brescia 14. Como 15. Cremona 16. Mantova 17. Milano 18. Pavia 19. Sondrio 20. Varese	VENEZIA TRIESTINA 21. Bolzano 22. Trento	VENETO 23. Belluno 24. Udine 25. Padova 26. Rovigo 27. Treviso 28. Venezia 29. Verona 30. Vicenza



THE REGIONS
OF
ITALY
NOV '43

Roma = 7



Subject: Electrical Stores
~~Identification of requisitions~~

To: Director of Works - A.F. + Hq.

From: D.P. W.

1. The C.F.B. inform me that the Board has not yet submitted any requisitions and that the matter referred to in your letter 7-March 1944 was a requisition for carbon brushes submitted by the Electric Power Mission H.C.C.
2. The C.F.B. has not yet been authorized to requisition the material and supplies required to operate and maintain the Italian Power Systems. When so authorized I am assured by the Board, that all requisitions will be so written that they will be easily identified by the makers of the equipment or material in both Britain and the United States.

CEB
CONFIDENTIAL

HEADQUARTERS
ALLIED ARMIES IN ITALY
(Rear Adm. Echelon)
APO 400

ALH/rjs
3 May 1944

SUBJECT: U.S. Supplies for Electricity Supply System.

TO : Headquarters Allied Control Commission
Chairman, Central Electrical Board, Allied Armies in Italy
Deputy Director of Works, Allied Armies in Italy.

1. The following correspondence is republished for your information and guidance:

C O P Y

Subject: Electricity - Stores for Public Utility Undertakings.

Directorate of Works,
HQ AAI,
D.R.F.

2057/DW.
19 Apr. 44.

DQM.

1. For the maintenance and operation of the Electricity Supply certain stores are essential and these are not always available from civil sources. It is recognized that A.C.C. are responsible for the provision of such stores and they have taken steps to order certain essential items through their normal channels, but with very uncertain prospects of early delivery to this country.

2. Authority is therefore requested to issue such military stores as may be considered necessary to maintain continued operation of the electricity supply system.

3. In view of the fact that certain stores may be held by P.B.S. exclusively and to maintain uniformity of action, it is requested that S.O.S. MATOUSA be asked to give similar authority to P.B.S. to issue stores to the electricity supply undertaking.

4. It is suggested that in both cases the civilian demand for stores be screened by the Central Electrical Board who, after confirming that A.C.C.

CONFIDENTIAL

E&M
2 MAY 1944

NOTES FOR MAJOR HARRIS DADW - E & M

Problem: To aid disruption of rail traffic by attacking vulnerable parts of electrified railways of central Italy.

Lines of Interest: (in priority)

- (1) Florence - Rome
- (2) Falconara - Orte
- (3) Arezzo - Perugia *Steam*
- (4) Pisa - Rome

Questions:

Where is the power for the rail lines generated?

How is it distributed to locomotives?

What are points for attack which will be most desirable from an engineer point of view? Details needed.

What is estimated recuperation time for, say, one substation?

Opinion on overall embarrassment to enemy likely to result from a successful attack or a partially successful attack.

2 MAY 1944

R.W. BLAKE, Captain.
Engineer Intelligence
HQ Allied Armies in Italy.

30-60
20-50

A.A.I.
CENTRAL ELECTRICAL BOARD
APO 400

REF: CEB/13/3

1 May 1944

SUBJECT:- Application for Power Supply

TO:- CG FBS (Engineer Section)
(Attention Lt-Col. G.COOLEY)

1. Herewith note in original which was handed in to this office by an American serjeant and which is presumably an application for a transformer in order that supply may be made available to a saw-mill at Maria Bolleti.
2. This no doubt is connected with a memorandum from the SME which was forwarded to you on or about 17 April 44 (copy attached)
3. We shall be glad if you will prepare a scheme for this supply, giving full details, on receipt of which every assistance will be given in order to supply the stores required.

JAMES P. CROWDON,
COLONEL CE,
Vice Chairman, AAI -C.E.B.

CONFIDENTIAL

COPY

By Command of Major General LARKIN:

/S/ E. S. Turner
 /T/ E. S. TURNER
 Major, A.C.D.
 Asst Adjutant General

HEADQUARTERS
 PENINSULAR BASE SECTION
 APO 782

ETP/wlm

AG 463.1 DEHS (22 Apr 44)

30 April 1944

Subject: U.S. Supplies for Electricity Supply System. (3)

To: DCAO, Allied Armies in Italy (Rear Adm. Ech.), APO 400.

1. Reference: Your letter, 22 April 44, subject as above.

2. Attention is invited to the attached correspondence which empowers the Commanding General, Peninsular Base Section, to issue to the Allied Control Commission, supplies for which the need of immediate issue is definitely indicated, but conditioned upon the fact that the issue of such supplies from Base Section stocks will not cause such articles to be in short supply prior to replacement thru ACC supply channels.

3. This headquarters will consider requisitions of ACC submitted in conformance with the attached correspondence.

For the Commanding General:

/S/ L. F. Nickel,
 /T/ LT F. NICKEL,
 Lt. Colonel, A. O. D.
 Adjutant General

1 Incl: SOS Ltr, 18 March 44,
 "ACC Reques" w/Inds.

Copy to "Q"

A. L. HUBBARD
 Brigadier General, U.S.A.
 DCAO

- 4 -
CONFIDENTIAL

10h- 2/56

Memorandum for Col. Crowdon

We inform you that to day, at 14,30, some soldiers with a lorry have arrived at our Timpagrande plant (Sila) and have first asked for some insulators of H.T. telephonic type. Being our store house unfurnished of these materials, they have asked for others insulators suitable for 10 KV powerlines. Our men have told them that it was not possible give a lot of 100 pieces, as required, without the permission of the allied Military Authority of Naples.

The soldiers have replied that they obeyed to the orders of Captain Ericson 300th Comp.^{ry} forestal eng - A P O 782 and, that they would have taken the insulators. After that they drove to our shop (at some kilometers from Timpagrande) and as the watch man had no key they have begun to break the door. Our men of Timpagrande have reached the place and given the key. Hundred insulators for 10 KV and 100 iron brackets have been taken.

Soldiers were accompanied by a civilian belonging to a saw-mill. It seems that the saw-mill must be connected to our line of Auxiliary services (dams of reservoirs, Eeto dam) and insulators were wanted. We observe that the above line is operated at 20 KV and therefore, the insulators will be perhaps useless.

Naples, the 17th April 1944

EM/pz

46
47

SUPPLY - Lt WOODSEN

1. Central Electrical Board
Via Paolo Imbriani No 42
Naples. Italy.

Colonel James Growden

- Secure (1) permission to tap main power line at Lake Arvo (20,000 Volts)
(2) transformer to step down current from 20000 volts to 260 volts
(Society Meridionale di Elettricita - Ing. Mastrangelo)

This change necessary to enable mill of Maria Boletti to operate
at maximum producing lumber for Engr. P.B.S.

(Size of Motors)
1 - 40 H.P.
1 - 60 H.P.

Lt. Powell
1st Lt. C.E.
800th Engr Co. Forestry.

45

46

Subject:- Removal of Materials.

Directorate of Works,
H.Q. A.A.I., C. B. P.

528/DDW

To:- D.S.M.C.

19 Apr 44

1. The attached is a memorandum from the S.M.C. to the Vice-Chairman of the Central Electricity Board.
2. If the facts as stated are correct, the case is one of deliberate removal of materials essential to the maintenance of the electric transmission lines in Italy and merits, in my opinion, severe disciplinary action.
3. My steps please be taken to deal with the delinquents and towards the recovery of the material.

DIA/UP.

Copies to:- C.E., A.A.I.
Vice Chairman, C.B.P.

[Signature]
B. L. Anderson,
Brigadier.

45

A.A.I.
CENTRAL ELECTRICAL BOARD
APO 400

REF:- CEB/7/1

18 April 1944.

SUBJECT:- Release of Material from POGGIOREALE Railway Stores.

TO:- Comdr. HOGGAN, RN, Superintending Electrical Engineer, Royal Navy.

1. The POGGIOREALE railway stores are under the control of the Military Railway Service. Colonel McFADDEN is the Officer in charge. His office is at the M.R.S. HQ, Piazza Nicolai Amore, NAPLES.
2. Colonel HOSACK, Director of Operations, M.R.S., was kind enough to say that he would be glad to introduce anyone I sent to Col. McFADDEN and that if there were anything we needed from the railway stores he would be glad to provide it if possible.
3. I suggest you advise me when you would like to inspect the stores at POGGIOREALE and I will arrange for you to meet Col. HOSACK and Col. McFADDEN who will go with you to inspect them.

JAMES P. CROWDON,
COLONEL CE,
Vice Chairman, AAI - C.E.B.

Subject:- Electric Supply to FOGGIA
BENEVENTO Railway.

Directorate of Works,
H.Q. A.A.T., C. M.F.

2057/DDW

To :- D.O. M.R.S.

25 Apr 47.

1. In order to carry ^{out} certain tests in connection with Radio interference, the Electricity supply to the Foggia - Benevento line will be cut off on Sunday, 30th April from 1200 hours to 1220 hours (twenty minutes). The tests will be repeated on four successive Sundays at the same time, and are expected to involve the supply to the same railway each time.
2. Will you kindly let me know immediately whether these arrangements are acceptable to you. If not, the selected times can be varied between 1100 hours and 1400 hours, but beyond these limits conditions will be unfavourable for the test.

WARS/HP.

Copy to:- C.S.O.
Vice Chairman, C.E.B. ✓

(Sgd) W. A. R. SMITH,
Lt. Col. R.E.,
for Brigadier,
D. D. W.

43

C O P Y

SOCIETA MERIDIONALE DI ELETTRICITA.

Memorandum for Col. Growdon.

We inform you that today, at 1430, some soldiers with a lorry have arrived at our Timpagrande plant (Sila) and have first asked for some insulators of H.T. telephonic type. Being our store house unfurnished of these materials, they have asked for other insulators suitable for 10 KV. power lines. Our men have told them that it was not possible give a lot of 100 pieces, as required, without the permission of the allied Military Authority of Naples.

The soldiers have replied that they obeyed to the orders of Capt. Ericson 800th Company Forestal Eng. A.P.O. 702, and that they would have taken the insulators. After that they drove to our shop (at some kilometers from Timpagrande) and as the watch man had no key they have begun to break the door. Our men of Timpagrande have reached the place and given the key. Hundred insulators for 10 KV and 100 iron brackets have been taken.

Soldiers were accompanied by a civilian belonging to a sawmill. It seems that the sawmill must be connected to our line of Auxiliary services (dams of reservoirs, Neto dam) and insulators were wanted. We observe that the above line is operated at 20 KV and therefore, the insulators will be perhaps useless.

Naples, the 17th April 1944.

EH/PZ.

42

SOCIETA MERIDIONALE DI ELETTRICITA

MEMORANDUM FOR COL. GROWDON

We inform you that during the air-raid of last night an unexploded shell has fallen in our Poggioreale Substation. The shell, after having pierced the roof has stopped on the floor of 60 kV breakers premises.

It would be necessary to remove it with urgency and we beg you to interest the competent Authorities.

Naples, 15th Apr. 1944
EM/DM

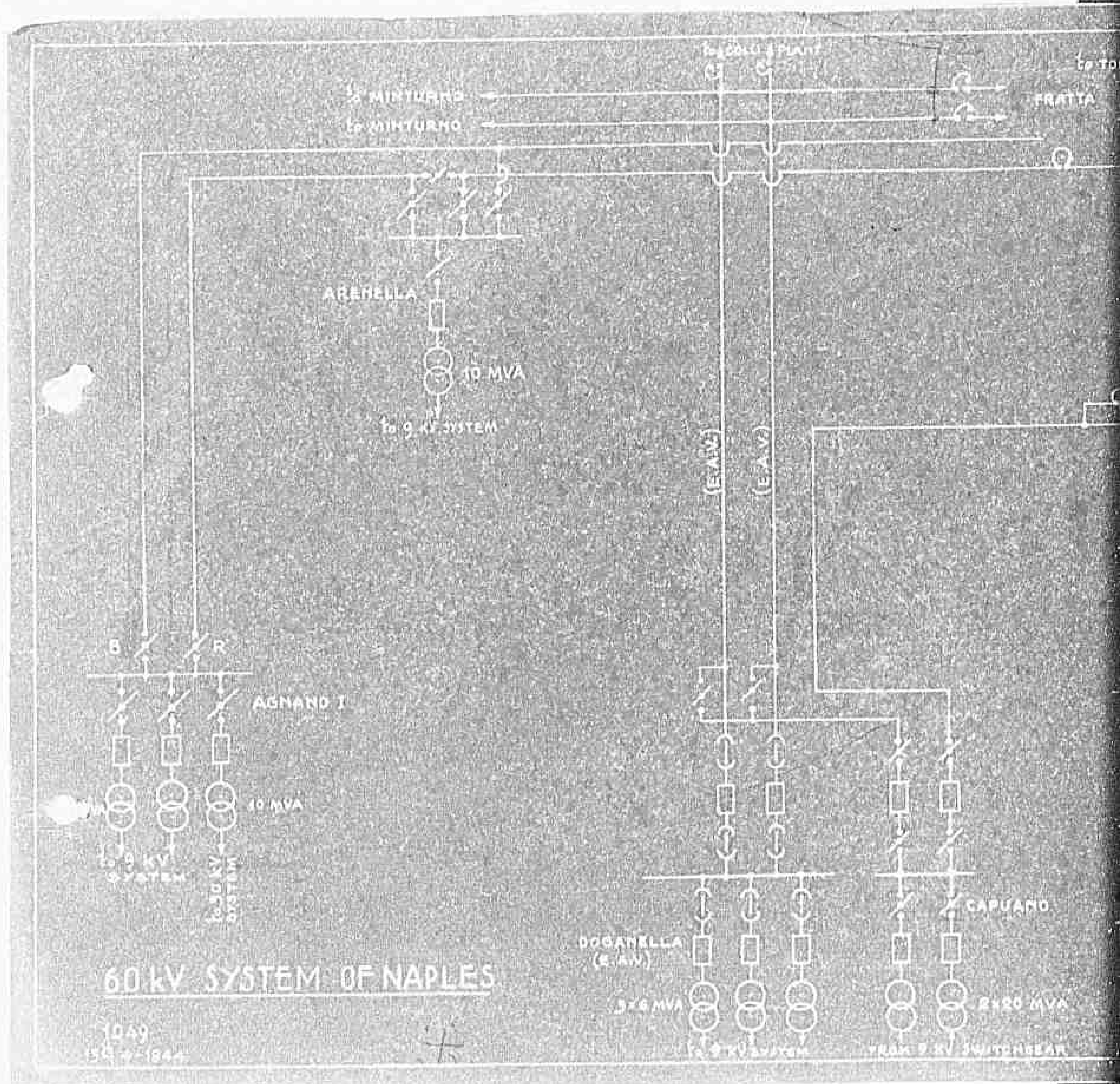
Carillini

127

Value 8 - Major Scott.

*1630 hours. cleared
by BD Coy.*

41



CONFIDENTIAL

could not supply, would in turn, make a demand on the appropriate military agency.

(Sgd) D.L. ANDERSON,
Brigadier,
D.D.W.

Copy to: C.E. A.A.I.

HEADQUARTERS SERVICES OF SUPPLY
NORTH AFRICAN THEATER OF OPERATIONS
UNITED STATES ARMY
APO 750

LOG.312 (EN) (39013)

18 March 1944

SUBJECT: Allied Control Commission Requisitions.

TO : Commanding General, MATOUSA, APO #534, U. S. Army.

1. A considerable number of small requisitions, principally for Engineering items and Medical supplies, have been placed on Peninsular Base Section by the Allied Control Commission, contrary to published instructions.

2. The requisitioning procedure for the ACC, as stated in Appendix 1 to AFHQ Administrative Memorandum No. 67, requires ACC to submit all requisitions through the Military Government Section, AFHQ, for approval. In the case of requisitions for items urgently needed, this procedure entails a series of cables between all of the Headquarters involved. It is desired to eliminate this procedure, in certain instances, at the discretion of the Commanding General, Peninsular Base Section, in accordance with the following:

a. The Commanding General, Peninsular Base Section, shall be empowered to issue to the Allied Control Commission supplies for which the need of immediate issue is definitely indicated, provided that the issue of such supplies from the Base Section stock will not cause such articles to be in short supply prior to replacement through ACC supply channels.

b. Repayment for supplies borrowed will be effected through normal ACC/MGS channels. Requisition submitted covering items issued in accordance with paragraph 2 a. above will contain a statement to the effect that the requisitions are submitted to cover repayment of the Base Section stocks.

3. Concurrence in the above is requested.

- 2 -

CONFIDENTIAL

CONFIDENTIAL

For the Commanding General:

/S/ Vernon W. Rice
 /T/ VERNON W. RICE
 Lt. Colonel, A.G.D.
 Adjutant General

AG 400.38/318 D-0 1st Ind.
 HEADQUARTERS, NATOUSSA, APO 534, 25 March 1944.

Awk/rhh

TO: Commanding General, SOS NATOUSSA, APO 750.

1. Headquarters, Allied Control Commission has been notified that calls on Base Sections for emergency supplies must be kept to a minimum of items only of urgent necessity.

2. Since the channel of requisition and procurement is as stated in paragraph 2 of basic letter, Allied Control Commission requisitions, as such, should not be honored by any Base Section.

3. It is realized, however, that from time to time certain items of supply, particularly in Medical and Engineer classifications, may be required on the spot and at the moment. In such instances, it is recommended that the Commanding General, SOS NATOUSSA, authorize Base Section Commanders to use their judgment and act accordingly.

4. Procedure outlined in basic communication is approved.

By command of Lieutenant General DEVERS:

/S/ Albert W. Karr
 /T/ ALBERT W. KARR
 1st Lt., AGD
 Asst Adjutant General

400.312-Gen (SSGDS) 2nd Ind.
 HEADQUARTERS, SOS NATOUSSA, APO 750, U. S. Army, 29 March 1944.

TO: Commanding General, Peninsular Base Section, APO 782, U. S. Army.

1. Your attention is directed to basic communication and 1st indorsement thereof.

2. Procedure outlined in basic communication and 1st indorsement is approved by this headquarters.

CONFIDENTIAL

ing. Mario Bonniello

Ufficio Centrale Lavori

Posto segretariato F.F.S.S.

Piazza Principe Amedeo 2 -

Tel. 12691-12282 -

1928

1939

Cal. 1000
X
69

Viareggio -) S. Testazioni T.E.

(Pisa - Roma :

Viareggio - Livorno - Bolgheri - Follonica -
 Grosseto - Orbetello - Montalto - Civitavecchia
 Palidoro - Magliana - R. Prenestina

Bologna - Roma :

Bologna S. Viola - Grizzana - Vaiano -
 Firenze Rifredi - Cascia - Ponticino - Cortona
 Chiusi - Arezzo - Orte - Fara Sabazia -
 R. Prenestina

Orte - Falcovara :

Orte - Giuncano - Foligno - Gossato -
 Genoa - Falcovara

Flaminio - Terni, Gradonello
 Urviana.

Orta - Lago, Terni, Terni
 Coprano (may be OK)

Bologno 3 Fardes Adriatic
 Central



C.C.

$$\frac{400,000,000}{\text{KWH}} \times \frac{\text{year}}{\text{year}}$$

$$\frac{6000 - 7000}{h}$$

$$\text{KW}$$

$$\frac{16.7}{16.7}$$

$$3400 V.$$

SUBJECT:- Misuse of Rope Railway
 - PIEDIMONTE DI ALIFE -

A/Q (2)

Headquarters,
 A. A. I.

2550/1/RE

29 Mar '44

Ref conversation Stevens - Tetlow.

1. A cable railway operates between PIEDIMONTE DI ALIFE and CHIA for the service of the power plant of the SOCIETA MERIONALE DI ELETTRICITA at PIEDIMONTE DI ALIFE.
2. The Italian civilian operators of the cable railway are continually requested and obliged to give lifts to Allied Military personnel. This practice not only interferes with the operation of the power plant but it is also dangerous as the railway is not designed for passenger carrying and has not the necessary safety devices.
3. It is ^{requested} ~~suggested~~ that notices be erected by the CMP ^{at} ~~in~~ that area stating that the cable railway is out of bounds (off limits) to all Allied Military personnel, and that suitable steps be taken to ensure that the order is enforced.

R. Stevens
 Major, R.E.
 for Brigadier,
 Chief Engineer.

Copy to:- A.A.I., Central Electrical Board,
 APO 400 /

Copy sent to S.M.E. 1/4/44
(Signature)

SOCIETA MERIDIONALE DI ELETTRICITA

MEMORANDUM FOR COL. GROWDON

We are continuonsly requested by military people to give them lifts on the rope railway meant for the service of our power plant in Piedimonte di Alife, from the plant to Cila and vice versa.

Our local staff objects to the military men that the rope-railway is not allowed for persons transportation as it has not the prescribed brakes, and so on; but they are all the same forced to give the lifts.

We point out that we must decline any responsability of ours in case of accident. We should also like to know whom we can apply to, in order to stop such a dangerous situation.

Naples, 25th March 1944
GC/DM

36
33

A.A.I.
CENTRAL ELECTRICAL BOARD
A.P.O. 400

CEB/13/3
24 Mar 44

To: Chairman,
Central Electrical Board.

Herewith copy of memo received from
S.M.E., which is self explanatory, for your
information.

L.G. PRICE,
Major, RE,
for AAI - C.E.B.

File

JRG

13/3

Memorandum for Major. Price

The Differential of the car Fiat 1100 of our
Frattamaggiore Substation was taken away by
some english soldiers and brought with the
car n: 4132644 -

The truck was driven by a civilian named Antonio.
It is

Yours

33

Note

i warrant.

20/4/44

This has been
returned 24 March 1944

JRG

EPC File

A.C.M.F.
CENTRAL ELECTRICAL BOARD

5 March 1944

SUBJECT: Handbooks Needed by Central Electrical Board

TO : G-4, A.C.M.F. Attention Colonel Lawley.

1. It would be appreciated if the following engineering handbooks could be obtained for the use of Central Electrical Board:

<u>Title</u>	<u>Author</u>	<u>Publisher</u>
Mechanical Engineers' Handbook	Marks	McGraw-Hill
Diesel Engineering Handbook	Morrison	Diesel Publication
Hydraulics and Its Applications	Gibson	Van Nostrand
Hydro-electric Handbook	Creager and Justin	Wiley
Standard Handbook for Electrical Engineers	----	McGraw-Hill
Water Power Engineering	Barrows	McGraw-Hill

JAMES P. GROWDON
Colonel CE
Vice Chairman A.C.M.F.-C.E.B.

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33

FROM:- AIR FORCES SUB COMMISSION,
ALLIED CONTROL COMMISSION,
BARI.

TO:- LABOUR SUB COMMISSION,
ALLIED CONTROL COMMISSION,
NAPLES.

DATE:- 2nd March 1944.

REF:- 952/P.C.

Wise Economies (for Labor)

G-237

H. Gordon

The enclosed correspondence relative to the commendation of certain Italian workmen has been wrongly addressed here, and is forwarded for your attention and necessary action.



Walter F. H.

W J. Walton, F/Lt.
Air Commodore,
Air Officer Commanding.

31

Recd 4 Mar 1944

4 MAR 44

RESTRICTED

200105A

N 3263

TWX

4059

RESTRICTED PRIORITY TELEGRAM

RECEIVED AT

FBS SIGNAL MESSAGE CENTER

20 FEB 44

*Copy to Public Works
Division to CMAA*

RESTRICTED

OPERATIONAL PRIORITY

NONE

FIAMBO AGO

DISTWO

HFT/20

200105A

Q162

NONE

E.P.M.

gpg

23

ELECTRIC POWER INTERRUPTION DUE TO FAILURE OF CONTROL PLANT.
 ANTICIPATE PARTIAL SUPPLY TONIGHT LIMITED TO 40 PERCENT NORMAL.
 HOPE NORMAL SERVICE IN 48 HOURS. MEANWHILE SUPPLY LIMITED TO LARGE
 TOWNS AND SELECTED AREAS. HOSPITALS AND OTHER IMPORTANT LOADS WILL
 BE GIVEN PRIORITY. INSTRUCTIONS HAVE BEEN SENT TO CRES OF AREAS
 THROUGH RE CHANNELS. ALL INFORMED.

FBS DISTR:

Info....Hq AGO

Engr

G A

Secy

CG

AGO DISTR:

Info.....Sec.Gen

Dep C C

C A Br

Econ Sec (2)

• Pub Health SC (Rear)

FL

F1051

RESTRICTED

SOCIETÀ MERIDIONALE DI ELETTRICITÀ

Memorandum for Col. GROWDON

In our steam plant M. Capuano were installed 3 voltage regulators (one on each unit) of Brow-Boveri Co (Baden - Switzerland) type A2/1.

Naples, the 19th February 1944

29

CONFIDENTIAL

C-9070

1st Ind.

GLE/dcw

HEADQUARTERS, 809TH ENGINEER AVIATION BATTALION, APO 528, 9 February 1944.

TO: Commanding General, Army Air Force Engineer Command, MTO, (Prov),
APO 528, U. S. Army.

1. Forwarded.
2. Request that basic communication be brought to attention of pertinent Allied Military authorities.



[Signature]
GILES L. EVANS, Jr.,
Lt. Colonel, CE,
Commanding.

230.72

2nd Ind.

(F-3-3)

HEADQUARTERS, ARMY AIR FORCE ENGINEER COMMAND, MTO (PROV), APO 528.
15 February 1944.

TO: Allied Control Commission (Air Division),
ATTENTION: A/C Foster.
Thru: Commanding General, XV Air Force Service Command, APO 520,
U.S. Army.
ATTENTION: Lt. Col. Sneed.

It is requested that this commendation be brought to the attention of the authorities exercising direct control over civilian technicians in the "Heel" area.

For the Commanding General:

FEB 13 1944 1 27 PM

[Signature]
E. A. BARNES,
Lt. Col., AGD,
Adjutant General.

230.72 B-1-2

3rd Ind.

Hq XV AFSC, APO 520, 20 Feb 1944.

TO: Allied Control Commission, Air Commodore Commanding, Air Division.

[Signature]
R. L. H.

CONFIDENTIAL

This enclosed material was given to
us by the XV A.F.S.C. Message Center by
mistake. We are transmitting same to you.

U. S. CLAIMS SERVICE

HEADQUARTERS
ALLIED CONTROL COMMISSION
APO 394

R PS

9 February 1944

SUBJECT: Request of AFHQ for Documents

TO : Assistant Adjutant General

1. Reference is made to your interoffice memo dated 3 February 1944, Subject: Request for Documents, and relating to documents recently obtained by Colonel Clabough. The memo is returned herewith.

2. Of the documents mentioned, copies of only two were found in the files of the Electric Power Mission. Copies are attached herewith.

JAMES P. GROWDON
Colonel OE
Chief, Electric Power Mission

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2 Incls.

Incl 1- Memo, Inspection of Sila Hydroelectric Development

Incl 2- Memo, Repair to Generators, Timpagrande and Callusia Stations, Sila Development.

Transmitted by Hand
10 Feb 1944. To Lt. Montauk

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SOCIETÀ MERIDIONALE DI ELETTRICITÀ

Memorandum for Col. Growdon

For repair works of Fratta-Ceprano power-line it is necessary to send one truck to Fratta (for telephonic line repair) and three to Villa Literno (for 60 KV line repair) instead of two trucks to Fratta and two to Villa.

The above as the crew who was working on Fratta-Villa section, is now working on the Volturno-Falciano section.

It is also necessary that trucks be to Villa Literno at 7 o'clock instead of 8.00, in order to accelerate works.

ed.
Naples, the 5th February 1944

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CONFIDENTIAL

C.9070

COMPANY "A"
809TH ENGINEER AVIATION BATTALION
APO 528 U.S. ARMY

30 January 1944

SUBJECT: Commemoration for Civilian Workers

TO : Commanding General, Army Air Force Engineer Command (Prov),
MTO, APO 650, U.S. Army, THROUGH Commanding Officer,
809th Engineer Aviation Battalion.

1. This unit has just completed installation of a power line of a length of four (4) kilometers at ***** Airdrome.

2. It affords much pleasure to commend the seven (7) civilian workers of the National Electrical Society, under Mr. Pietro Bonnet, who aided our own men in this project. Their efforts were untiring and of more than ordinary value to completion of the job. For six weeks' time, seven days a week, and for the larger part, under inclement weather conditions, they worked diligently for nine or ten hours per day. During this period the old power line of three (3) kilometers, including 10,000 metres of cable, seven (7) steel towers, 72' in height, was dismantled and poles erected and new wire strung.

3. Special commendation is made to Mr. Bonnet, whose supervision and direction of technical aspects were responsible for a job well done.

George P. Keister
GEORGE P. KEISTER
Capt., 809th Engr Avn Bn
Commanding Company "A"

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CONFIDENTIAL

SOCIETA MERIDIONALE DI ELETTRICITA

Memorandum for Col. Growdon

In Feroletto we have two transformers 150/63 - 60 - 57 KV of 10.000 KVA each. The weights are the followings:

complete transformer	67,3	Tons
Oil	21,3	"
Case and radiators	15,2	"

Naples, 21 January 1944**26**

EXTRACT FROM THE TORONTO GLOBE AND MAIL.

Tuesday, Jan. 13 1914.

BY RALPH ALLEN
Globe and Mail War Correspondent, Copyright.

In the slave world that once was Hitler's, the breath of liberation has stirred first in North Africa and in Italy. Looking toward these two great battlefields, the rest of the slave world has been able to say: This is where the pattern begins; this is where we can see the first faint shadow of the future. This is where we can judge what lies in store for us."

Because of the great symbolic meaning of North Africa and of Italy, what the Allies do there takes on an exaggerated importance politically. There, is a great danger that things which to us are mere expedients will be confused by the anxious watchers in the unfree portions of the slave world with principles and precedents.

When we came, the upper administrative brackets in Algeria, Tunisia and Morocco were thickly populated with collaborationists. The Italians were our enemies. We spilled our blood to drive out the enslavers of the people. We gave them our food. We encouraged them even at the risk of impairing our own military efforts and hopelessly confusing their own, to form their own free governments.

Yet, admitting the purity of our motive in attempting to bestow freedom in French North Africa and Italy in the fullest feasible measure, there are many reasons to believe that in making the attempt as early as we did we made a mistake.

Instead of a rough and wrathful avenger, bent on the sole immediate project of seeking out and smiting its enemies wherever they might be, the momentarily gratified people of North Africa and Italy saw the military wing of the United Nations as a rather deferential Dutch uncle. Before we had finished cleaning the Gas House Gang out of the perlor we were apologising for tracking in a bit of mud.

23

NOT PAINLESS, BUT CERTAIN.

This was a new ideal: Freedom reborn by caesarian. Not quite painless but oh so gentle. Perhaps it would have been better to say: This is going to hurt like the devil, but when it's over, the result will be worth it. But for a year we temporized in Africa, and certainly never

faint shadow of the future. This is where we can see the first for us!"

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23

NOT PAINLESS, BUT CERTAIN.

This was a new ideal Freedom reborn by Caesarism. Not quite painless but oh so gentle. Perhaps it would have been better to say:

This is going to hurt like the devil, but when it's over the result will be pretty good. But for a year we temporized in Africa with Frenchmen who, if not our out and out enemies, had certainly never established an unquestioned right to call themselves our friends.

Our pointed amiability to virtually all factions was doubtless governed by large and practical considerations. Unfortunately, the most conspicuous practical result seems to have been to persuade millions of Frenchmen that the United Nations' No. 1 war aim is to avoid offending the dignity of France.

Algiers is filled with people who can make no intelligent comment on the war except to spill another tear and drink another toast to "la belle France". I happened to be there when Marshal Smuts proffered his famous series of home truths to the French.

Almost everywhere else it sounded like a fair dispassionate and long overdue warning to a nation that could use a warning: in Algiers it sounded like a mortal insult, and the papers and many of the leading politicians were not slow to say so.

ALPS IN ITALIAN MIND.

In Italy too we have temporized, and the effect on the thinking of the average citizen has not been unlike the effect in North Africa. Now barely four months after they stopped fighting us, there are many Italians who believe the war will be over the moment the last German is driven beyond the Alps.

The historic lesson of Italy boils down now to five words: Mussolini is a bad man. The Italians don't seem to have learned much else. They see us sanctioning the regime of Badoglio, the conqueror of Ethiopia, recognizing a King who lived off the avails for 20 years, allowing hundreds of petty Fascist mobsters to go unpunished. It is not much wonder, perhaps, that a people whose mental reactions have been systematically dulled for a generation read these manifestations of tolerance as a sign that they are not only forgiven, but that there isn't so very much to forgive.

It is possible-in my opinion, probable-that we have been too hasty in authorizing civilian governments in liberated territories, no matter how provisional these governments are intended to be. USUALLY PRETTY BAD.

The average European peasant can't even spell "provisional" much less understand the words meaning. All he sees is a Government that has been set up under the aegis of British and the Americans, O.K., it must have some vague connection with the kind of government the Americans and the Ingleses peddle in their own countries. Is it good or bad? Usually pretty bad.

Our impetuous efforts to promote self-rule in countries that are still battlefields have also tended to promote nationalism in its worst and narrowest form. The priority we have given to questions of government and the amount of wrangling we have permitted over these questions even during critical military periods, tends to make people forget that the main job is still to defeat the German armies wherever the German armies oppose us.

It is doubtful if you can create a brave new world a piece at a time between battles. The attempt to do so might be disastrous if it left the impression among the people of France that the war is being fought solely for France, among the people of Poland that it is being fought solely for Poland among the people of Italy that it is fought solely for Italy.

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