Declassified E.O. 12356 Section 3.3/NND No. 785019

ACC 171/PWU

10000/150/476

ELECTRIC
COMMITT
JULY 194

Declassified E.O. 12356 Section 3.3/NND No. 785019

10000/150/476

ELECTRICAL RECONSTRUCTION
COMMITTEE
JULY 1944 - AUG. 1946

171/PWU

ELECTRICAL RECONSTRUCTION COMMITTEE

File No.	REFERRED TO	DEALT WITH	Initials	REFERRED TO	DEALT WITH	Initials
76						
63						
2						

OPENED 22 July 44
CLOSED 6 Aug 46

10000 150 476

THIS FOLDER
CONTAINS PAPERS
FROM JULY - 44
TO AUG - 46

Declassified E.O. 12356 Section 3.3/NND No. 785019

OPENED 22 July 46
CLOSED 6 Aug. 46

10000 150 476

THIS FOLDER
CONTAINS PAPERS
FROM JULY - 46
TO AUG - 46
CATALOGUE.

SEE also 171 A & B

171

Downgraded
6 Aug 1946
by Lt Col Allen
ETO
Historical Section
Headquarters
USAFE

Declassified E.O. 12356 Section 3.3/NND No. 785019

362 Lamp.
332

RO DELLE CORPORAZIONI

DIVISIONE INDUSTRIA

Scotti Michele

Rilasciato dal nulla-osta per lo rimozione del materiale.

Declassified E.O. 12356 Section 3.3/NND No. 760019

Scotti Michele

Rilascio del nulla-osta per lo smercio del materiale

3980

Declassified E.O. 12356 Section 3.3/NND No. 780049

Declassified E.O. 12356 Section 3.3/NND No. 785019

AY/oo

HEADQUARTERS ALLIED COMMISSION
APO 794
Industry and Utilities Branch

MEMORANDUM

6 August 1946

Files 171/PWU, 171A/PWU, and 171B/PWU, Electrical Reconstruction Committee, down-graded as of this date.

SECRETARY OF COMMITTEE

L. W. Laughlin
Major, C.E.

2409

Declassified E.O. 12356 Section 3.3/NND No. 785019

b 142 b

Figs { 171 / 171-A / 171-B } PWO 6 Aug 1946

Recast rockair Committee.

Lawn graded as per date.

Electrical

secretary of committee.

Ltr Langhlin

major C.E.

Declassified E.O. 12356 Section 3.3/NND No. 785019

8 Files

tl. 489081
Ext. 317

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

LWL/ac

77

171/PWU

18 Sept. 1945

Subject : Records Electrical
Reconstruction Committee (Italy)

To : A.F.H.Q. - Allied Records Administration - APO 512
(Attention Assist. Adj. Gen.)

1. This letter confirms conversation between Capt.R.R. Dorster, of your office, and Major L.W.Laughlin, of this Sub-Commission on 14th September 1945, with respect to the files and records of the "Electrical Reconstruction Committee (Italy)" and its predecessor committee known as the "Central Electrical Board A.A.I.".

2. On the 15 August 1944 the Central Electrical Board A.A.I. was directed to take office space with this Sub-Commission in accordance with letter HQ A.A.I. 15 August 44, copy attached.

3. A.F.H.Q. Administrative Memorandum No. 43 dated 5 October 1944 stated that the Central Electrical Board was dissolved and that the Electrical Reconstruction Committee (Italy) was being formed.

4. Under AFHQ Administrative Memorandum No. 32 dated 30 May 1945 the Electrical Reconstruction Committee (Italy) was dissolved and its functions were transferred to the Allied Commission and are being carried out by this Sub-Commission.

5. Throughout the Electrical Rehabilitation programme in Italy the Allied Commission has been represented on the above mentioned committees and has coordinated the active work of carrying out the policies established by those committees. Accordingly all records have become an integral part of Allied Commission files and are still used by this Sub-Commission which is charged by AFHQ, with the responsibilities for rehabilitation of Electric systems.

2107

Declassified E.O. 12356 Section 3.3/NND No. 785019

6. In as much as the functions of the Electrical Reconstruction Committee have been assumed by Public Works and Utilities Sub-Commission, Allied Commission, the files and records have been incorporated into the files of Allied Commission. This is in accordance with the agreement reached in your office.

For the Chief Commissioner,

E.J. RISTEDT
Colonel, C.E.
A/Director

Enclosures :
1 - extra copy this letter
1 - copy letter HQ AAI - 15/8/44 - 2131/92

Filing
cc : file 171
171 a
171 b

cc : Central Electricity Board Minute File CEB 13-1

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

Subject : Central Electrical Board

HQ AAI,
CMF

2131/Q2

15 Aug. 44

Vice Chairman;
Central Electrical Board

1. It has been decided to dissolve the AAI Central Electrical Board and the appropriate instructions are in the process of being issued. In view of the factthat there may be some delay and that in the meantime, it is desirable to avoid duplication, you are hereby instructed to move from your present location in Via Poli, ROME, to the 8th Floor of HQ ACC Buildings, ROME, where arrangements have been made for your accomodation. You should contact the Chief Electrical Engineer, Public Works and Utilities Sub-Commission, ACC, on arrival and arrange for him to have full access to your records, etc.

2. You should ensure that all concerned are notified in advance of your change of location.

(signed)

Col. Logan, for
Major-General,
Chief Administrative Officer.

2405

cc : Public Works & Utitlities Sub-Commission, ACC
CE, AAI

Local Resources Section.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 320

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

LWL/ac

16

171/PWU

16 August 1945

Subject : Appointment of Allied Force Records Officer
Electrical Reconstruction Committee (Italy)

To : A.F.H.Q. - APO 512
(Att. Asst. Adj. Gen.)

75

1. Reference letter A.C. 210.3/219-AFRA dated 9 August 1945.

2. In accordance with paragraph 5 b, AFHQ circular No. 8, 1945 the following named officer, of Public Works and Utilities Sub-Commission, A.C. is appointed as records officer for the Electrical Reconstruction Committee (Italy) :

Louis W. Laughlin
Major C.E.
O-521392

For the Chief Commissioner,

E.J. RISTEDT
Colonel C.E.
A/Director

S.O. to Lt. Col. Jackman
See folio 75 attached

Capt. H.R. Dorster
A.G.D. A.F.H.Q.

Phone Freedom 511

2404

Declassified E.O. 12356 Section 3.3/NND No. 785019

PW + V S/C

RECEIVED
W. & U. S/C
13 AUG 1945

ALLIED FORCE HEADQUARTERS
APO 512

AG 210.3/219-AFRA

9 August 1945

SUBJECT: Appointment of Allied Force Records Officers.

TO: Electrical Reconstruction Committee, ACC Rome, APO-394.

1. Attention is invited to paragraph 5 b, AFHQ Circular No. 8, 1945, which directed the appointment of records officers in all staff sections of AFHQ; for each board, commission or committee controlled by this headquarters; and for each combined air and ground headquarters under the jurisdiction of AFHQ, and the submission of their names to the Allied Force Records Administrator.

2. It is requested that prompt action be taken to appoint such officers and that their names be submitted immediately.

BY COMMAND OF FIELD MARSHAL ALEXANDER:

R. H. JACKMAN
Lieutenant Colonel, AGD
Assistant Adjutant General

Col Parker
recommendations
officer
Eyes

76 yrs

Declassified E.O. 12356 Section 3.3/NND No. 785019

RESTRICTED

ALLIED FORCE HEADQUARTERS
APO 512

DCK/fs

75A

CIRCULAR)
:
NUMBER 9)

13 August 1945

ALLIED FORCE RECORDS ADMINISTRATION

Paragraph 9b, Section IV, AFHQ Circular Number 8, 1945, is rescinded and the following substituted therefor:

"b. Records may be shipped to the Allied Force Microfilming and Records Depot in any suitable container. The files will be packed with folders upright and in the logical sequence of the file scheme employed. Boxes will be serially numbered for each seperate shipment, to show for each box, "Box No._____of_____boxes; and the words "FOR MICROFILMING" will appear in a conspicuous place on each box. The following documents will be signed by the records officer or other duly designated commissioned officer and placed in an envelope inside box No. 1 of each shipment:

(1) A list of the contents of each box included in the shipment.

(2) The record specified in paragraph 7b, above.

(3) A certificate worded identically as follows, and signed by the records officer or other duly appointed commissioned officer:

_____
date

"I certify that all the records included in this shipment are of a combined British-American nature and have been carefully screened; that exclusively British and/or exclusively American records have been removed and properly disposed of and that valueless material has been withdrawn and destroyed.

_____
(Name)

_____
(Grade)

_____
(Organization)"

In addition, identical signed duplicates of the documents specified in (1) (2) and (3) above, will be fastened together and forwarded, by mail, to the Allied Force Records Administrator, AFHQ, in sufficient time to arrive prior to the shipment."

BY COMMAND OF FIELD MARSHAL ALEXANDER:

OFFICIAL:

W. D. MORGAN
Lieutenant General
Chief of Staff

2:07

C. W. CHRISTENBERRY
Colonel, AGD
Adjutant General

DISTRIBUTION:
D

RESTRICTED

COPY

RESTRICTED

DCK/fs

ALLIED FORCE HEADQUARTERS
APO 512

ADMINISTRATIVE MEMORANDUM)
:
NUMBER 32)

Electric Power Rehabilitation I
Local Resources in Italy - Mainland & Islands II
Establishment of Local Sub-Committees of Labor and Wages Control Committee III

I--- ELECTRIC POWER REHABILITATION

APHQ Administrative Memorandum Number 58, 1944, and Section I, Administrative Memorandum Number 7, 1945, are rescinded.

1. The Electrical Reconstruction Committee created by above Administrative Memoranda is dissolved.

2. The functions of electric power rehabilitation are transferred to the Allied Commission.

3. Military agencies engaged in electric power rehabilitation ectivities will coordinate their plans with the Allied Commission.

II-- LOCAL RESOURCES IN ITALY - MAINLAND & ISLANDS

AFHQ Administrative Memorandum Number 52, 1944, is amended as follows:

1. Section I, Paragraph 2, Restricted Items is amended by the addition of the following after Item 1:-

"7. Poplar Wood."

2. Section I, Paragraph 1(f), Industrial Gases and Chemicals, delete Serial 29 and substitute:

"29. Gas Bottles and Containers - other than those specifically designed fot the storage of Methane Gas."

III- ESTABLISHMENT OF LOCAL SUB-COMMITTEES OF LABOR AND WAGES CONTROL COMMITTEE

2707

AFHQ Administrative Memorandum Number 25, 1945, is amended as follows:

1. In Paragraph 6b, line 3, before "Allied" insert "Combined" and after "Scale" insert "and bonuses".

2. Paragraph 2b of Appendix "A" is amended by the addition of

Declassified E.O. 12356 Section 3.3/NND No. 785019

I--- ELECTRIC POWER REHABILITATION

AFHQ Administrative Memorandum Number 58, 1944, and Section I, Administrative Memorandum Number 7, 1945, are rescinded.

1. The Electrical Reconstruction Committee created by above Administrative Memoranda is dissolved.

2. The functions of electric power rehabilitation are transferred to the Allied Commission.

3. Military agencies engaged in electric power rehabilitation ectivities will coordinate their plans with the Allied Commission.

II-- LOCAL RESOURCES IN ITALY - MAINLAND & ISLANDS

AFHQ Administrative Memorandum Number 52, 1944, is amended as follows:

1. Section I, Paragraph 2, Restricted Items is amended by the addition of the following after Item 1:-

"7. Poplar Wood."

2. Section I, Paragraph 1(f), Industrial Gases and Chemicals, delete Serial 29 and substitute:

"29. Gas Bottles and Containers - other than those specifically designed fot the storage of Methane Gas."

III- ESTABLISHMENT OF LOCAL SUB-COMMITTEES OF LABOR AND WAGES CONTROL COMMITTEE

2107

AFHQ Administrative Memorandum Number 25, 1945, is amended as follows:

1. In Paragraph 6b, line 3, before "Allied" insert "Combined" and after "Scale" insert "and bonuses".

2. Paragraph 2b of Appendix "A" is amended by the addition of the words: "(including an appropriate allowance for paid annual and other holidays)".

3. Paragraph 3 of Appendix "A" is amended by the insertion of the words "sickness insurance" after the words "social insurance".

BY COMMAND OF FIELD MARSHAL ALEXANDER:

(Signed)
C.W. CHRISTENBERRY
Colonel, AGD
Adjutant General

DISTRIBUTION:
C

R E S T R I C T E D

Declassified E.O. 12356 Section 3.3/NND No. 785019

Notes on Informal Meeting of Electrical Reconstruction Committee held at 1130 hrs on Tuesday 29 May 1945 in AC H; AMG.

RECEIVED
F.W. & U.S/C A.C.
- 1 JUN 1945 171

173

Present : RSS - Lt Col COOLEY
AC - Lt Col F.M. [illegible]
AC(Field) - Lt Col [illegible]
Dy AC(A) - Lt Col G.J.S. [illegible]
District 1 - Major A.C. [illegible]
District 3 - Major R.E. [illegible]
Secretary - Major L.I.V. [illegible]

Action:

1. Owing to Major General [illegible] having left this theatre and no successor appointed, no official meeting had been called.

2. Proposal had already been circulated by [illegible] (CAFHQ) regarding dissolution of committee and all reconstruction work to be handed over to AC.

3. Arising out of 2, Lt Col [illegible] pointed out that the Army would then only be interested in transmission lines required for power supply for military works, but as long as it was possible, bearing in mind the reduction in military labour due to leave to UK, demobilisation by groups and transference to other theatres, work would be continued on the [illegible] - [illegible] 120 KV line in order to help in the policy of transfer of power from A. to Central Italy. ADV(Rec)

4. Lt Col [illegible] appreciated the situation and the offer made and pointed out that at the present moment the condition on Central Italy Grid was not strong and if a breakdown occurred at [illegible] Power Station supplies would have to be curtailed, and it was therefore to the advantage of all concerned to complete the connection between A. and Central as soon as possible.

5. Lt Col COOLEY stated that the line between [illegible] and [illegible] was moving very slowly owing to mines. The Italian Government had supplied a detachment of 10 men for mine lifting.

Lt Col [illegible] stated that the line would be completed in 3 weeks after clearance of mines. ADV (Rec) (phone 45 A.F. 30/5/45).

Lt Col [illegible] stated that help would be requested from Fifth Army through 15 Army Gp.

Note : This will enable [illegible] to receive ample power at 50 cycles and to be disconnected from Central Grid.

2400

6. Major [illegible] stated that it was hoped to provide military labour to assist Power Gay in repair of [illegible] - [illegible] 120 KV line to feed [illegible] Grid at 15 KV. Reconnaissance (not completed) shows about 30 pylons down and as all the conductors are missing 45 tons of copper are required; Rec'd 1 Dist.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

(E.A.P.H.)

2. Proposal had already been circulated by [redacted] regarding dissolution of committee and all reconstruction work to be handed over to AC.

3. Arising out of 2, Lt Col [redacted] pointed out that the Army would then only be interested in transmission lines required for power supply for military works, but as long as it was possible, bearing in mind the reduction in military labour due to leave to UK, demobilisation by groups and transferences to other theatres, work would be continued on the ANCONA - BOLOGNA 120 KV line in order to help in the policy of transfer of power from N. to Central Italy.

ADV(Rear)

4. Lt Col [redacted] appreciated the situation and the offer made and pointed out that at the present moment the condition on Central Italy Grid was not strong and if a breakdown occurred at TERNI, Power Station supplies would have to be curtailed, and it was therefore to the advantage of all concerned to complete the connection between N. and Central as soon as possible.

5. Lt Col COOLEY stated that the line between CASTEL NUOVO and GUALDO was moving very slowly owing to mines. The Italian Government had supplied a detachment of 10 men for mine lifting.

Lt Col [redacted] stated that the line would be completed in 3 weeks after clearance of mines.

ADV (Rear) (phone 15 A.G. 30/5/45).

Lt Col [redacted] stated that help would be requested from Fifth Army through 15 Army Gp.

Note : This will enable [redacted] to receive ample power at 50 cycles and to be disconnected from Central Grid.

2409

6. Major [redacted] stated that it was hoped to provide military labour to assist Power Jay in repair of reconnaissance - [redacted] 120 KV Line to feed TERNI Grid at 15 KV. Reconnaissance (not completed) shows about 30 pylons down and as all the conductors are [redacted] 45 tons of copper are required; alternatively steel cored aluminium conductor could be obtained but this would entail modification to cable clamps on line insulators.

ADV 1 Dist.

It was further pointed out that if the factories where the non-condensing turbo alternators feeding the 15 KV TERNI Grid are attended go into production - and as one of these is a sugar factory and sugar beet will be available in about 2 months - either the grid will be deficient of power or the factories cannot commence working.

Major [redacted] suggests using the 30 Temporary Pylons on reconstruction of this line. These are believed to be en route for [redacted] for storage.

7. There will be a meeting between local AC officials and Major [redacted] at [redacted] on Friday 1st June and a further meeting at [redacted] on Friday 8th June with Lt Cols [redacted] and Detail present. — HAND 1 Dist. AIR(ROM)

8. Lt Col [redacted] stated that when the block of power comes down from the North it will be necessary to change Central Italy to 50 cycles and it is hoped that this will be accomplished by the end of July - together with the inclusion of the [redacted] Grid with Central Grid at 50 cycles.

The Southern Grid would come on to 50 cycles about Oct 1st. AC was going to circulate their proposals on the change-over in the near future. — AIR(ROM) and District Officers.

C.J.D. [redacted],
Lieut Colonel RE,
AIR (ROM).

To : D.I.
1 Dist (ROME CG).
3 Dist (")
AC (Rome) (C/ld LAPPER)

Declassified E.O. 12356 Section 3.3/NND No. 784019

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W.& U. S/C A.C
23 MAY 1945 171

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

72

Postal Address:
A.F.L.R.S.,
Rome Area Allied Command,
C. M. F.

Telephone: ROME 66275

22 May 1945.

LRS/215E/7.

SUBJECT : Electrical Reconstruction Committee (ITALY).

TO : HQ AICOM, Public Works & Utilities Sub-Commission.

1. Reference the distribution of the Minutes of the above Committee meeting held on 18 May 45, would you please amend future distribution lists of this and similar Committees to reduce the number of copies forwarded to this Section to one copy.

S. J. B. LOUDEN,
Major, DAQMG,
for Chiefs of Section,
A.F.L.R.S.

SJBL/dght

COPY Nº 14

S E C R E T

FILE

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

Telephone
Rome 489061 - Ext. 317

18 May 1945

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The sixth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 17th April 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - AFHQ	- Maj.Gen. D.	McCOACH, Chairman
A.C.	- Lt.Col.	W.M. LAPPER
D.W. - AFHQ	- Major	J.C. RAY
PENBASE	- Lt.Col.	C. COOLEY
DISTRICT Nº 1	- Major	E.J. MACKENZIE
DISTRICT Nº 2	- Major	J.W. COOK
DISTRICT Nº 3	- Major	R.E. STEVENSON
M.R.S. (Italy)	- Major	J.C. KUBALE

33) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

34) - Matters arising out of the previous minutes

Nil.

35) - Report on progress of electrical rehabilitation

Lt.Col. Lapper reported that the Master Control Center, for the Central Italy Grid, had been established at its permanent location on 14 April 1945. The present location will be kept available for emergency purposes for the time being. 2398

A report, in revised form, showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion was

Declassified E.O. 12356 Section 3.3/NND No. 785019

The sixth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 17th April 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - AFHQ	- Maj.Gen.	D.	McCOACH, Chairman
A.C.	- Lt.Col.	W.M.	LAPPER
D.W. - AFHQ	- Major	J.C.	RAY
PENBASE	- Lt.Col.	C.	COOLEY
DISTRICT N° 1	- Major	E.J.	MACKENZIE
DISTRICT N° 2	- Major	J.W.	COOK
DISTRICT N° 3	- Major	R.E.	STEVENSON
M.R.S. (Italy)	- Major	J.C.	KUBALE

33) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

34) - Matters arising out of the previous minutes

Nil.

35) - Report on progress of electrical rehabilitation

Lt.Col. Lapper reported that the Master Control Center, for the Central Italy Grid, had been established at its permanent location on 14 April 1945. The present location will be kept available for emergency purposes for the time being.

A report, in revised form, showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion was presented.

It was pointed out that although the report showed a certain capacity of generating plant coming into operation it was anticipated that owing to the abnormally dry season the full effect of the hydro electric stations would not be available.

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785019

Lt.Col. Lapper reported that plans were under way to join the Leghorn Grid to the Central Italy Grid on 1st May 1945 in order to effect a power interchange and be in position to utilize the unused night capacity of the natural steam plant at Lardarello.

The electrical situation for Northern Italy was discussed and the Chairman stressed the importance of making an early survey of the position.

36) - Other business

Lt.Col. Lapper reported that insulating materials for electrical rehabilitation were getting in short supply and it was recommended that priority attention be given to unfilled requisitions which were outstanding. It was stated that electrical rehabilitation work carried out by A.C. had been accomplished by utilizing local stocks plus the importation of only 200 tons of material. This consisted of 31 tons of condenser tubes, 100 tons of transformer bushings, 50 tons of insulating materials and 19 tons of miscellaneous items.

37) - Date and time of next meeting

In view of the inspection and study, now being made of the electric situation in North Italy, the next meeting of the Committee will be on the call of the Chairman and due notice of the date will be sent to all members.

L.W. LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com.(Italy)

239

Declassified E.O. 12356 Section 3.3/NND No. 785019

36) - Other business

Lt.Col. Lapper reported that insulating materials for electrical rehabilitation were getting in short supply and it was recommended that priority attention be given to unfilled requisitions which were outstanding. It was stated that electrical rehabilitation work carried out by A.C. had been accomplished by utilising local stocks plus the importation of only 200 tons of material. This consisted of 31 tons of condenser tubes, 100 tons of transformer bushings, 50 tons of insulating materials and 19 tons of miscellaneous items.

37) - Date and time of next meeting

In view of the inspection and study, now being made of the electric situation in North Italy, the next meeting of the Committee will be on the call of the Chairman and due notice of the date will be sent to all members.

L. F. LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com.(Italy)

2397

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785019

S E C R E T

DISTRIBUTION

Copy N° :

1 - C.A.O., AFHQ
2/3 - C-in C Med.
4 - Chief Commissioner AC
5 - G-4 (A), AFHQ
6 - G-4 (B), AFHQ
7/8 - G-5, AFHQ
9 - Q (Maint), AFHQ
10 - QM, Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.T., AFHQ
14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - DMR (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - Tn. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.C., ITALY
40 - N.A.A.F. (A)
41 - N.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 526 USA
46/47 - HQ N° 1 District
48 - C.E. N° 1 District
49/50 - HQ, N° 2 District
51 - C.E. N° 2 District
52/53 - HQ N° 3 District
54 - C.E. N° 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE

2395

Declassified E.O. 12356 Section 3.3/NND No. 785019

5 - G-4 (A), AFHQ
6 - G-4 (B), AFHQ
7/8 - G-5, AFHQ
9 - Q (Maint), AFHQ
10 - QM, Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.T., AFHQ
14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - DMR (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - In. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.C., ITALY
40 - M.A.A.F. (A)
41 - M.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 528 USA
46/47 - HQ Nº 1 District
48 - C.E. Nº 1 District
49/50 - HQ, Nº 2 District
51 - C.E. Nº 2 District
52/53 - HQ Nº 3 District
54 - C.E. Nº 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE
63/67 - E.P.A., PBS
68 - HQ Adriatic Depot, A.P.O. 338 USA
69/78 - AFLRS, R.A.A.C. - C.M.F.
79 - File
80/100 - Spares

2396

S E C R E T

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

E-8205
P.W. & U.

(Ltr, HQ Allied Commission, dated 12 May 1945, subject: "Draft Minutes - Electrical Reconstruction Committee Meeting", Reference 171/PWU).

1st Ind.

Engineer Section, AFHQ, APO 512, U. S. Army, MAY 16 1945

TO: Headquarters Allied Commission, APO 394, U.S. Army.
(Attn: Public Works and Utilities Sub-Commission).

1. Returned herewith are draft minutes and distribution list of meeting of the Electrical Reconstruction Committee held in ROME on 17 April 1945.

2. The minutes of the meeting and distribution list have been approved by the Chief Engineer, AFHQ, for publication and distribution by the Secretary of the Committee.

For the Engineer:

R. M. EDGAR,
Colonel, CE,
Deputy Engineer, (A) AFHQ.

RECEIVED
P.W. & U. S/C A.C.
17 MAY 1945 171

Inclosures:
2 copies draft minutes and distribution list.
(1 copy w/d)

SECRET

DRAFT

LWL/ac

S E C R E T

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

Telephone
Rome 489081 - Ext.317

Date _____

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The sixth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 17th April 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Maj.Gen.	D.	McCOACH, Chairman
A.C.	- Lt.Col.	W.M.	LAPPER
D.W. - A.F.H.Q.	- Major	J.C.	RAY
PENBASE	- Lt.Col.	C.	COOLEY
DISTRICT N° 1	- Major	E.J.	MACKENZIE
DISTRICT N° 2	- Major	J.W.	COOK
DISTRICT N° 3	- Major	R.E.	STEVENSON
M.R.S. (Italy)	- Major	J.C.	KUBALE

33) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

34) - Matters arising out of theprevious minutes

Nil.

35) - Report on progress of electrical rehabilitation

Lt.Col. Lapper reported that the Master Control Center, for the Central Italy Grid, had been established at 234 permanent location on 14 April 1945. The present location will be kept available for emergency purposes for the time being.

A report, in revised form, showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion was presented.

It was pointed out that although the report showed a certain capacity of generating plant coming into operation, it was

Declassified E.O. 12356 Section 3.3/NND No. 785019

mittee (Italy) was held at 1400 hours on Tuesday 17th April 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Maj.Gen. D.	McCOACH, Chairman
A.C.	- Lt.Col. W.M.	LAPPER
D.W. - A.F.H.Q.	- Major J.C.	RAY
PENBASE	- Lt.Col. C.	COOLEY
DISTRICT N° 1	- Major E.J.	MACKENZIE
DISTRICT N° 2	- Major J.W.	COOK
DISTRICT N° 3	- Major R.E.	STEVENSON
M.R.S. (Italy)	- Major J.C.	KUBALE

33) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

34) - Matters arising out of theprevious minutes

Nil.

35) - Report on progress of electrical rehabilitation

Lt.Col. Lapper reported that the Master Control Center, for the Central Italy Grid, had been established at its permanent location on 14 April 1945. The present location will be kept available for emergency purposes for the time being.

A report, in revised form, showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion was presented.

It was pointed out that although the report showed a certain capacity of generating plant coming into operation, it was anticipated that owing to the abnormally dry season the full effect of the hydro electric stations would not be available.

Lt.Col. Lapper reported that plans were under way to join the Leghorn Grid to the Central Italy Grid on 1st May 1945 in order to effect a power interchange and be in position to utilize the unused night capacity of the natural steam plant at Lardarello.

The electrical situation for Northern Italy was discussed and the Chairman stressed the importance of making an early survey of the position.

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785019

36) - Other business

Lt.Col. Lapper reported that insulating materials for electrical rehabilitation were getting in short supply and it was recommended that priority attention be given to unfilled requisitions which were outstanding. It was stated that electrical rehabilitation work carried out by A.C. had been accomplished by utilizing local stocks plus the importation of only 200 tons of material. This consisted of 31 tons of condenser tubes, 100 tons of transformer bushings, 50 tons of insulating materials and 19 tons of miscellaneous items.

37) - Date and time of next meeting

In view of the inspection and study, now being made of the electric situation in North Italy, the next meeting of the Committee will be on the call of the Chairman and due notice of the date will be sent to all members.

L.W. LAUGHLIN
Major, S.R.
Secretary;
Elec. Recon. Com.(Italy)

Declassified E.O. 12356 Section 3.3/NND No. 785019

S-E-C-R-E-T

DISTRIBUTION

Copy N° :

1 - C.A.C., AFHQ
2/3 - C-in C Med.
4 - Chief Commissioner AC
5 - G-4 (A), AFHQ
6 - G-4 (B), AFHQ
7/8 - G-5, AFHQ
9 - Q (Maint), AFHQ
10 - Q1, Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.E., AFHQ
14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - DTR (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - Tn. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.O., ITALY
40 - M.A.A.F. (A)
41 - M.A.A.F. (B)
42/45 - AATSC/MTO, A.P.O. 526 USA
46/47 - HQ, N° 1 District
48 - C.E. N° 1 District
49/50 - HQ, N° 2 District
51 - C.E. N° 2 District
52/53 - HQ N° 3 District
54 - C.E. N° 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE
63/67 - B.P.A., PBS
68 - HQ Adriatic Depot, A.P.O. 388 USA
69 - AFHQ, RAAC, G. ,F.

2392

Declassified E.O. 12356 Section 3.3/NND No. 785019

10	- Q.M., Coal Section, AFHQ
11/12	- C.E., AFHQ
13	- D.C.T., AFHQ
14	- Dir. Eng. Prod. & Stores, AFHQ
15	- D.M., AFHQ
16/17	- D.R (Italy), C.M.P.
18	- Fiscal Director, AFHQ
19	- Tn. Inernment, C.M.P.
20	- G.P.A., PTOUSA
21/25	- D.C.C.A.C., 15th Army Group
26/27	- HQ 15th Army Group
28	- HQ AC
29	- Vice President, Economic Section HQ AC
30/33	- Economic Section, HQ AC
34	- Industry Sub-Commission HQ AC
35	- Public Works and Utilities Sub-Commission HQ AC
36/37	- Public Relations Br. HQ AC
38	- C.S., TARANTO
39	- S.U.S.N.O., ITALY
40	- M.A.A.F. (A)
41	- M.A.A.F. (B)
42/45	- AAFSC/MTO, A.P.O. 528 USA
46/47	- HQ, N° 1 District
48	- C.E. N° 1 District
49/50	- HQ, N° 2 District
51	- C.E. N° 2 District
52/53	- HQ N° 3 District
54	- C.E. N° 3 District
55/58	- C.G., RAAC
59	- PENSOUTH
60	- PENBASE (MAIN)
61/62	- EIGHTH PENBASE
63/67	- B.P.A., PBS
68	- HQ Adriatic Depot, A.P.O. 388 USA
69/78	- APLRS, RAAC, C. .F.
79	- File
80/100	- Spares

2392

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

Tel. 489081
Ext. 317

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

LWL/ac

69

Reference : 171/PWU

12 May 1945

Subject : Draft minutes - Electrical Reconstruction Committee (Italy)

To : C.E. - A.F.H.Q.

1. Since our letter of 27 April 1945 has become displaced we are again transmitting herewith three copies of draft minutes of meeting held 17th April 1945 for consideration and approval prior to distribution.

2. As Col. Lapper is now making a survey of the electric situation in North Italy it is requested that the announcement of the date of the next meeting of the Committee be left open until his return. He is expected to return about the 23 or 24 of May 1945. When the date of the meeting is selected, by the Chairman, due notice will be sent to the membership of the Committee. Min. 37) of the attached has been prepared accordingly.

For the Chief Commissioner,

L.W. LAUGHLIN
Major G.S.R.
Secretary
Elec.Recon.Com.(Italy)

enclosures
3 copies of draft minutes
3 " " distribution list

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 317.

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

WML/ee

051/PWU.

8 May 45.

SUBJECT: Electricity Italy.

TO : Ministry of Public Works
(att: Eng. Asta)

1. With reference to the removal of the hydro-electric generating set from the Alto Belice station Palermo Sicily for emergency use in Peninsular Italy you will remember that this plant has been kept in storage at Matese for emergency use at destination unknown.

2. It is now known that the electrical situation throughout Italy is considerably better than was anticipated at the time when the Alto Belice unit was brought over and under these circumstances it is not proposed to make use of this unit in Peninsular Italy.

3. This letter is your authority to inform the electrical companies concerned that the unit may now be returned to the "Societh Generale Elettrica della Sicilia".

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

copy to: Secretary
Elec. Reconstr. Committee.

2393

Declassified E.O. 12356 Section 3.3/NND No. 785019

File 171

67

AFHQ G5 RPTD AFHQ CHIEF ENGINEER

6071 4 May AKKKKK 1945 ROUTINE

CONFIDENTIAL FD

SUBJECT IS REQUISITION FD

PARA TO AFHQ GEORGE FIVE RPTD AFHQ FOR CHIEF ENGINEER FROM NO ALCOM GTTE ACCCO PARA

PARA ONE FD WITHOLD SHIPMENT OF REQUISITION MIKE GEORGE SUGAR DASH TWO ONE SIX DASH EASY DAN GEORGE PENDING INVESTIGATION OF DAMAGE IN NORTHERN ITALY

Distribution by hand

Requisition Div

Dep Vice Pres. Econ Sec (2)

Secretary Elec Reconn.Com. Italy

317

2389

ECONOMIC SECTION

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

66

Tel. 489081
Ext. 317

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

LWL/ac

Reference : 171/PWU

27 April 1945

Subject : Draft minutes - Electrical Reconstruction Committee (Italy)

To : C.E. - A.F.H.Q.

1. Transmitted herewith are draft minutes of meeting held 17th April 1945 for consideration and approval prior to distribution.

2. Since the mailing list has not been checked for several months it is recommended that the minutes of this meeting include a questioner on number of copies and address as per form attached.

2388

For the Chief Commissioner

L.N.LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com.(Italy)

enclosures
3 copies draft minutes and
3 " of mailing list and questioner

SECRET

FILE 65

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

Tel. 489081 - Ext.317

P.W. & U. S/C, A.C.
Electrical Division

File : E.R.C.

8 April 1945

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The sixth meeting of the Electrical Reconstruction Committee will be held, at 1400 hours on Tuesday 17 April 1945, in Room 16 on the 8th Floor, A.C. Headquarters, Via Vittorio Veneto - Rome.

1) - Minutes of the fifth meeting, of the Committee held on 20th March 1945.

2) - To consider any matter arising out of the meeting of the Committee held on 20th March 1945.

3) - To receive a report from A.C. concerning the progress of electrical rehabilitation.

4) - Any other business.

5) - Date and time of next meeting.

L.W.DUAGHLIN
Major, S.R.
Secretary,
Elec.Recon. Committee, Italy

2387

Distribution

3 copies - C.E. - A.F.H.Q.
3 " - A.C. - Electrical Division, P.W.& U. S/C
3 " - D.W. - A.F.H.Q.
" " - District No 1

Declassified E.O. 12356 Section 3.3/NND No. 785019

The sixth meeting of the Electrical Reconstruction Committee will be held, at 1400 hours on Tuesday 17 April 1945, in Room 16 on the 8th Floor, A.C. Headquarters, Via Vittorio Veneto - Rome.

1) - Minutes of the fifth meeting, of the Committee held on 20th March 1945.

2) - To consider any matter arising out of the meeting of the Committee held on 20th March 1945.

3) - To receive a report from A.C. concerning the progress of electrical rehabilitation.

4) - Any other business.

5) - Date and time of next meeting.

L.W.LUARDELLI
Major, S.R.
Secretary,
Elec.Recon. Committee

2387

Distribution

3641 3 copies - C.E. - A.F.H.Q.
3623 " - A.C. - Electrical Division, P.W.& U. S/C
3613 " - D.W. - A.F.H.Q.
3683 " - C.E. - District N° 1
3693 " - C.E. - District N° 2
3643 " - C.E. - District N° 3
3663 " - Flag Officer - R.N. Western Italy

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

Declassified E.O. 12356 Section 3.3/NND No. 785019

S E C R E T

LWL/ac

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

Telephone
Rome 489081 - Ext.317.

3 April 1945

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The fifth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 20th March 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	-	Maj.Gen.D.McCOACH - Chairman
A.C.	-	Lt.Col.W.M.LAPPER
D.W. - A.F.H.Q.	-	Lt.Col.R.H.ROOKSBY
PENBASE	-	Lt.Col.G.COGLEY
DISTRICT N° 1	-	Major W.PRYETT
DISTRICT N° 2	-	Major J.W.COCK
DISTRICT N° 3	-	Major R.E.STEVENSON
M.E.S. (Italy)	-	Major J.C.KUBALT

28) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

29) - Matters arising out of the previous minutes

The Chairman referred to minute 24) concerning portable power plants. It was understood that Allied Commission would initiate any further requisitions for portable electric units which may be considered necessary for civilian use in Northern Italy.

30) - Report on progress of electrical rehabilitation

A report, showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion, was presented by Lt.Col. Lapper.

2386

Lt.Col.Lapper stated that the Advisory Committee on Electric Power, composed mainly of officials of the Electrical Companies were now functioning in Sardinia, Sicily, Southern Italy and Central Italy.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Allied (Italy) was held at 1400 hours on Tuesday 20th March 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	-	Maj.Gen.D.McCOACH - Chairman
A.C.	-	Lt.Col.W.M.LAPPER
D.W. - A.F.H.Q.	-	Lt.Col.R.H.ROOKSBY
PENBASE	-	Lt.Col.G.GOOLEY
DISTRICT Nº 1	-	Major V.RIVEST
DISTRICT Nº 2	-	Major J.V.COOK
DISTRICT Nº 3	-	Major R.E.STEVENSON
M.R.S. (Italy)	-	Major J.C.KUBALE

28) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

29) - Matters arising out of the previous minutes

The Chairman referred to minute 24) concerning portable power plants. It was understood that Allied Commission would initiate any further requisitions for portable electric units which may be considered necessary for civilian use in Northern Italy.

30) - Report on progress of electrical rehabilitation

A report, showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion, was presented by Lt.Col. Lapper. 2386

Lt.Col.Lapper stated that the Advisory Committee on Electric Power, composed mainly of officials of the Electrical Companies were now functioning in Sardinia, Sicily, Southern Italy and Central Italy.

He stated that the progress of rehabilitation was limited to the factory capacity available in Italy. A chart showing the actual and estimated progress was presented and details of rehabilitation discussed. It was observed that approx 75% of the pre war transmission lines were now in operable condition in Italy (this includes 30 KV and above but excludes State Railway lines).

SECRET ./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Lt.Col.Rocksby reported on the electrical situation in the 8th Army territory and the work being done by Military units. A 15 KV Local Grid is being developed to serve Cesena, Forli, Faenza, Ravenna and Meldola. 2,400 KW of generating plant has been repaired.

31) - Other business

Lt.Col.Lepper stated that the Italian Advisory Committee on Electric Power for Southern Italy had made the following recommendations :

(a) - That the 2nd Calore unit (3,000 KW) be completed and reinstalled.

(b) - That the 2nd (4,200 KW) unit from the Aventino Plant be repaired and installed at the Natisa N° 2 Plant.

(c) - That a 10,000 KVA 150/60 transformer be moved from Perdiste to Tuscania.

After discussion the Committee approved the recommendations.

32) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R.(I)5. This has been set for Tuesday 17th April 1945.

L.T.LAUGHLEN
Major, S.R.2385
Secretary,
Elec.Recon.Com.(Italy)

Distribution
list attached

Declassified E.O. 12356 Section 3.3/NND No. 785019

Lt.Col.Napier stated that the Italian Advisory Committee on Electric Power for Southern Italy had made the following recommendations :

(a) - That the 2nd Calore unit (8,000 KW) be completed and reinstalled.

(b) - That the 2nd (4,200 KW) unit from the Aventino Plant be repaired and installed at the Matisa N° 2 Plant.

(c) - That a 10.000 KVA 150/60 transformer be moved from Perolato to Tuscania.

After discussion the Committee approved the recommendations.

32) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R.(I)B. This has been set for Tuesday 10th April 1945.

L.W.LAUGHLIN
Major, S.R.2385
Secretary,
Elec.Recon.Com.(Italy)

Distribution
list attached

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785019

S-E-C-R-E-T

DISTRIBUTION:

Copy N° :

1 - C.A.O., AFHQ
2/3 - C-in-C Med.
4 - Chief Commissioner AC
5 - G-4 (A), AFHQ
6 - G-4 (B), AFHQ
7/8 - G-5, AFHQ
9 - Q (Maint), AFHQ
10 - Q, Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.T., AFHQ
14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - DTR (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - Tn. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.O.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.O., ITALY
40 - M.A.A.F. (A)
41 - M.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 528 USA
46/47 - HQ, N° 1 District
48 - C.E. N° 1 District
49/50 - HQ, N° 2 District
51 - C.E. N° 2 District
52/53 - HQ N° 3 District
54 - C.E. N° 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE
63/67 - B.F.A., PBS
68 - HQ Adriatic Depot, A.P.O. 388 USA
69/78 - AFLRS, RAAC, C. .F.
79 - File —
80/100 - Spares

2381

Declassified E.O. 12356 Section 3.3/NND No. 785019

9 - Q (Maint), AFHQ
10 - Q, Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.T., AFHQ
14 - Dir. Eng. Proc. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - D/R (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - In. Incrmment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.O., ITALY
40 - N.A.A.F. (A)
41 - N.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 528 USA
46/47 - HQ. N° 1 District
48 - C.E. N° 1 District
49/50 - HQ, N° 2 District
51 - C.E. N° 2 District
52/53 - HQ N° 3 District
54 - C.E. N° 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - DIGITEIR PENBASE
63/67 - B.T.A., PBS
68 - HQ Adriatic Depot, A.P.O. 388 USA
69/78 - AFLRS, RAAC, C.M.F.
79 - File
80/100 - Spares

2387

Declassified E.O. 12356 Section 3.3/NND No. 785019

S-E-C-R-E-T

DISTRIBUTION

Copy Nº :

245 1 - C.A.C., AFHQ
246 2/3 - C-in C Med.
247 4 - Chief Commissioner AC
2495 - G-4 (A), AFHQ
2496 - G-4 (B), AFHQ
2497/8 - G-5, AFHQ
2499 - Q (Maint), AFHQ
24910 - QM, Coal Section, AFHQ
24911/12 - C.D., AFHQ
245 13 - D.C.R., AFHQ
24514 - Dir. Eng. Prod. & Stores, AFHQ
24515 - D.W., AFHQ
246 16/17 - DUK (Italy), C.M.F.
24518 - Fiscal Director, AFHQ
24919 - Tn. Increment, C.M.F.
30020 - G.P.A., MTOUSA
301 21/25 - D.C.C.A.C., 15th Army Group
301 26/27 - HQ 15th Army Group
30228 - HQ AC
303 29 - Vice President, Economic Section HQ AC
303 30/33 - Economic Section, HQ AC
30434 - Industry Sub-Commission HQ AC
30535 - Public Works and Utilities Sub-Commission HQ AC
306 36/37 - Public Relations Br. HQ AC
307 38 - C.S., TARANTO
306 39 - S.U.S.N.C., ITALY
309 40 - M.A.A.F. (A)
310 41 - M.A.A.F. (B)
311 42/45 - AAFSC/MTO, A.P.O. 528 USA
312 46/47 - HQ, Nº 1 District
312 48 - C.E. Nº 1 District
313 49/50 - HQ, Nº 2 District
313 51 - C.E. Nº 2 District
314 52/53 - HQ Nº 3 District
314 54 - C.E. Nº 3 District
315 56/58 - C.G., RAAC
316 59 - PENSOUTH
317 60 - PENBASE (MAIN)
318 61/62 - BIGINTER PENBASE
317 63/67 - D.P.A., PBS
318 68 - HQ Adriatic Depot, A.P.O. 368 USA
319 69/78 - AFLRS, RAAC, C. .F.

2389

Declassified E.O. 12356 Section 3.3/NND No. 785019

295 11/12 - C.S., RAAC
295 13 - D.C.T., AFHQ
295 14 - Dir. Eng. Prod. & Stores, AFHQ
295 15 - D.W., AFHQ
295 16/17 - D.P.R (Italy), C.M.F.
295 18 - Fiscal Director, AFHQ
295 19 - Tn. Increment, C.M.F.
300 20 - G.P.A., WTOUSA
301 21/25 - D.C.C.A.C., 15th Army Group
301 26/27 - HQ 15th Army Group
302 28 - HQ AC
303 29 - Vice President, Economic Section HQ AC
303 30/33 - Economic Section, HQ AC
304 34 - Industry Sub-Commission HQ AC
305 35 - Public Works and Utilities Sub-Commission HQ AC
306 36/37 - Public Relations Br. HQ AC
307 38 - C.S., TARANTO
306 39 - S.U.S.N.O., ITALY
309 40 - M.A.A.F. (A)
310 41 - M.A.A.F. (B)
311 42/45 - AAFSC/MTO, A.P.O. 528 USA
312 46/47 - HQ, N° 1 District
312 48 - C.E. N° 1 District
313 49/50 - HQ, N° 2 District
313 51 - C.E. N° 2 District
314 52/53 - HQ N° 3 District
314 54 - C.E. N° 3 District
315 55/58 - C.G., RAAC
316 59 - PENSOUTH
317 60 - PENBASE (MAIN)
317 61/62 - EIGHTH PENBASE
317 63/67 - E.P.A., PBS
318 68 - HQ Adriatic Depot, A.P.O. 388 USA
319 69/78 - AFLRS, RAAC, C.M.F.
79 - File
80/100 - Spares

2383

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W & U. S/C A.O.
2 APR 1945 171

SECRET

F 4418

63

(Ltr, Hq Allied Commission, dated 26 March 1945, Subject: "Draft Minutes - Electrical Reconstruction Committee Meeting", Reference 171/PWU).

1st Ind.
ENGINEER SECTION, AFHQ, APO 512, U. S. ARMY, MAR 30 1945

TO: Headquarters Allied Commission, APO 394, U. S. Army.
(Attn: Public Works and Utilities Sub-Commission).

1. Returned herewith are draft minutes and mailing list of meeting of the Electrical Reconstruction Committee held in ROME on 20th March 1945.

2. The minutes of the meeting and mailing list have been approved by the Chief Engineer, AFHQ, for publication and distribution by the Secretary of the Committee.

For the Chief Engineer:

B. C. SNOW,
Colonel, C.E.,
Deputy Chief Engineer, (A), AFHQ.

Inclosures:
2 copies draft minutes and
mailing list.

2387

SECRET

DRAFT LWL/ac

S-E-C-R-E-T

Copy N°

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

Telephone
Rome 489081 - Ext. 317

___ March 1945

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The fifth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuedsay 20th March 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Maj.Gen.D.McCOACH - Chairman
A.C.	- Lt.Col. W.M.LAPPER
D.W. - A.F.H.Q.	- Lt-Col. R.H.ROCKSBY
PENBASE	- Lt-Col. G.COOLEY
DISTRICT N° 1	- Major W.RIVETT
DISTRICT N° 2	- Major J.W.COOK
DISTRICT N° 3	- Major R.E.STEVENSON
M.R.S. (Italy)	- Major J.C.KUBALE

28) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

29) - Matters arising out of previous minutes

The Chairman referred to minute 24) concerning portable power plants. It was understood that Allied Commission would initiate any further requisitions for portable electric units which may be considered necessary for civilian use in northern Italy.

238

30) - Report on progress of electrical rehabilitation

A report, showing the generating plants in operation in Central

Declassified E.O. 12356 Section 3.3/NND No. 785019

The fifth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuedsay 20th March 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	-	Maj.Gen.D.McCOACH - Chairman
A.C.	-	Lt.Col. W.M.LAPPER
D.W. - A.F.H.Q.	-	Lt-Col. R.H.ROCKSBY
PENBASE	-	Lt-Col. G.COOLEY
DISTRICT N° 1	-	Major W.RIVETT
DISTRICT N° 2	-	Major J.W.COOK
DISTRICT N° 3	-	Major R.E.STEVENSON
M.R.S. (Italy)	-	Major J.C.KUBALE

28) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

29) - Matters arising out of previous minutes

The Chairman referred to minute 24) concerning portable power plants. It was understood that Allied Commission would initiate any further requisitions for portable electric units which may be considered necessary for civilian use in northern Italy.

230.

30) - Report on progress of electrical rehabilitation

A report, showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion, was presented by Lt.Col. Lapper.
Lt.Col.Lapper stated that the Advisory Committee on Electric Power, composed mainly of officials of the Electrical Companies were now functioning in Sardinia, Sicily, Southern Italy and Central Italy.

./.

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

He stated that the progress of rehabilitation was limited to the factory capacity available in Italy. A chart showing the actual and estimated progress was presented and details of rehabilitation discussed. It was observed that approx 75% of the pre war transmission lines were now in operable condition in Italy (this includes 30 KV and above and excludes State Railway lines).

Lt.Col.Rooksby reported on the electrical situation in the 8th Army territory and the work being done by military units. A 15 KV Local Grid is being developed to serve Cesena, Forlì, Faenza, Ravenna and Meldola. 2,400 KW of generating plant has been repaired.

31) - Other business

Lt.Col.Lapper stated that the Italian Advisory Committee on Electric Power for Southern Italy has made the following recommendations :

(a) - That the 2nd Calore unit (~~7,500 KW~~ 5000) be completed and reinstalled.

(b) - That the 2nd (4,200 KW) unit from the Aventino plant be repaired and installed at the Matise N° 2 plant.

(c) - That a 10,000 KVA 150/60 transformer be moved from Feroleto to Tusciano.

After discussion the Committee approved the recommendations.

32) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meet-

Declassified E.O. 12356 Section 3.3/NND No. 785019

Lt.Col.Rooksby reported on the electrical situation in the 8th Army territory and the work being done by military units. A 15 KV Local Geid is being developed to serve Cesena, Forlì, Faenza, Ravenna and Meldola. 2,400 KW of generating plant has been repaired.

31) - Other business

Lt.Col.Lapper stated that the Italian Advisory Committee on Electric Power for Southern Italy has made the following recommendations :

(a) - That the 2nd Calore unit (~~7,500~~ 5000 KW) be completed and reinstalled.

(b) - That the 2nd (4,200 KW) unit from the Aventino plant be repaired and installed at the Matise N° 2 plant.

(c) - That a 10,000 KVA 150/60 transformer be moved from Feroleto to Tusciano.

After discussion the Committee approved the recommendations.

32) - Date and time of next meeting 2283

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B. This has been set for Tuesday 17th April 1945.

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com. (Italy)

Distribution

list attached

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

S-E-C-R-E-T

DISTRIBUTION

Copy Nº :

1 - C.A.O., AFHQ
2/3 - C-in C Med.
4 - Chief Commissioner AC
5 - G-4 (A), AFHQ
6 - G-4 (B), AFHQ
7/8 - G-5, AFHQ
9 - Q (Maint), AFHQ
10 - Q', Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.E., AFHQ
14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - DTR (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - Tn. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.O., ITALY
40 - M.A.A.F. (A)
41 - M.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 528 USA
46/47 - HQ, Nº 1 District
48 - C.E. Nº 1 District
49/50 - HQ, Nº 2 District
51 - C.E. Nº 2 District
52/53 - HQ Nº 3 District
54 - C.E. Nº 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE
63/67 - B.P.A., PBS
68 - HQ Adriatic Depot, A.P.O. 388 USA

2379

Declassified E.O. 12356 Section 3.3/NND No. 785019

14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - D.R (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - Tn. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.O., ITALY
40 - M.A.A.F. (A)
41 - M.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 528 USA
46/47 - HQ, N° 1 District
48 - C.E. N° 1 District
49/50 - HQ, N° 2 District
51 - C.E. N° 2 District
52/53 - HQ N° 3 District
54 - C.E. N° 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE
63/67 - B.P.A., PBS
68 - HQ Adriatic Depot, A.P.O. 388 USA
69/78 - AFLRS, RAAC, C.M.F.
79 - File
80/100 - Spares

2379

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

15961

Declassified E.O. 12356 Section 3.3/NND No. 785019

S-E-C-R-E-T

LWL/ac

62

Tel. 489081
Ext. 317

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

26 March 1945

Reference : 171/PWU

Subject : Draft minutes - Electrical
Reconstruction Committee (Italy)

To : C.E. - A.F.H.Q.

1) - Trasmitted herewith are draft minutes and mailing list of meeting held 20th March 1945 for consideration and approval prior to distribution.

2) - Enclosed for your files are two copies of "Progress Report" dor the month of February 1945 and two copies of chart showing "Estimated Progress of Rehabilitation" for Central Italy which were presented at the meeting.

For the Chief Commissioner

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com.(Italy)

2378

enclosures :
3 copies draft minutes and mailing list
2 copies "Progress Report"
2 " chart Central Italy

S-E-C-R-E-T

FILE

LWL/sc

S-E-C-R-E-T

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

Telephone
Rome 489081 - Ext. 317

15 March 1945

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The fourth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 20th February 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - AFHQ	- Col.B.C.SNOW - acting Chairman
A.C.	- Lt.Col.W.M.LAPPER
D.W. - A.F.H.Q.	- Maj.R.H.ROCKSBY
PENBASE	- Lt.Col.G.COOLEY
DISTRICT N° 1	- Major W.RIVETT
DISTRICT N° 3	- Major R.E.STEVENSON
M.R.S. (ITALY)	- Major J.C.KUBALE
R.N.WESTERN ITALY	- Comdr. L.E.HOGGAN

In Attendance

District N° 2	- Major J.W.COOK

21) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

22) - Matters arising out of previous minutes

Lt.Col.W.M.Lapper reported that the possible use of the Alto Belice hydro unit at the Santa Barda Station, referred to in minute 17, had been looked into but was considered unsuitable. The Committee agreed that the unit should remain in storage for future use at a location for which it was better adapted.

23) - Report on progress of electrical rehabilitation

Declassified E.O. 12356 Section 3.3/NND No. 785019

The fourth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 20th February 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - AFHQ	- Col.B.C.SNOW - acting Chairman
A.C.	- Lt.Col.W.M.LAPPER
D.W. - A.F.H.Q.	- Maj.R.H.ROCKSBY
PENBASE	- Lt.Col.G.COOLEY
DISTRICT N° 1	- Major W.RIVETT
DISTRICT N° 3	- Major R.E.STEVENSON
M.R.S. (ITALY)	- Major J.C.KUBALE
R.N.WESTERN ITALY	- Comdr. L.E.HOGGAN

In Attendance

District N° 2 - Major J.W.COOK

21) - Minutes of previous meeting

The minustes of the previous meeting were agreed.

22) - Matters arising out of previous minutes

Lt.Col.W.M.Lapper reported that the possible use of the Alto Belice hydro unit at the Santa Maria Station, referred to in minute 17, had been looked into but was considered unsuitable. The Committee agreed that the unit should remain in storage for future use at a location for which it was better adapted.

23) - Report on progress of electrical rehabilitation

(a) - A report showing the generating plants in operation in Central and Southern Italy, generating plants under repair, with estimated dates of completion and the state of repair of transmission lines was presented by Lt.Col.W.M.Lapper.

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

(b) - The operation of the Central Italy Grid System under a Master Control Centre continued to be satisfactory and considerable improvement had been effected in the maintenance of standard voltage and frequency.

(c) - Lt.Col.T.H.Lapper stated that Advisory Committees on Electrical Power were now operating in Southern and Central Italy, and similar Committees were being formed for Sicily and Sardinia. The Committees were for the purpose of advising the Italian Government on all matters connected with Electric Power, being made up of Italian civilian technical men mainly connected with the Electrical Industry. It was observed that the Committees would be available for giving advise in case of Labour unrest or other matters where supplies of electricity may be jeoparzied.

24) - <u>Report by Lt.Col.Page - C.E.B.</u>

(a) - A report on the C.E.B. portable substation equipment from the U.K. was given by Maj.Rooksby in the absence of Lt.Col.Page. Arrangements have been made for this equipment to be brought into the Theatre as Engineer Stores. It is expected to arrive March/April 1945.

(b) - <u>Portable plant equipment</u>
Major Rooksby submitted specifications on the 2500 KW, 50 cycle, portable steam plants being manufactured in U.K. After discussion the Committee agreed that requisitioning of any of this equipment should be done by A.C. and be justified as a civilian requirement.

The delivery date for the first two sets is to be June 1945.

25) - <u>Membership of the Committee</u>
Application, by N° 2 District for membership on the Committee was made by Major J.W.Cook. After discussion the Committee recommended that the membership be as follows :

Chairman - Chief Engineer A.F.H.Q.

Declassified E.O. 12356 Sec. 3.3/NND No. 785019

tees were for the purpose of advising the Italian Government on all matters connected with Electric Power, being made up of Italian civilian technical men mainly connected with the Electrical Industry. It was observed that the Committees would be available for giving advise in case of Labour unrest or other matters where supplies of electricity may be jeoparzied.

24) - Report by Lt.Col.Page - M.B.E.

(a) - A report on the C.E.B. portable substation equipment from the U.K. was given by Maj.Rooksby in the absence of Lt.Col.Page. Arrangements have been made for this equipment to be brought into the Theatre as Engineer Stores. It is expected to arrive March/April 1945.

(b) - Portable plant equipment

Major Rooksby submitted specifications on the 2500 KW, 50 cycle, portable steam plants being manufactured in U.K. After discussion the Committee agreed that requisitioning of any of this equipment should be done by A.C. and be justified as a civilian requirement.

The delivery date for the first two sets is to be June 1945.

25) - Membership of the Committee

Application, by N° 2 District for membership on the Committee was made by Major J.W.Cook. After discussion the Committee recommended that the membership be as follows :

Chairman	- Chief Engineer A.F.H.Q.
Representatives	- A.C.
"	- D.W.
"	- Penbase
"	- District N° 1
"	- District N° 2
"	- District N° 3
"	- M.R.S. (Italy)
"	- R.N. Western Italy

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

26) - Other business

San Giacomo Hydro Plant
The completion of the first 50,000 KW San Giacomo hydro unit (ultimate capacity 200,000 H.P.) was discussed and the Committee recommended that the project be given a high priority as an A.C. responsibility for civilian requirements. The time required for completion of the first unit was estimated to be about 8/12 months.

27) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R.(I) B. This has been set for Tuesday 20th March 1945

L.W. LAUGHLIN
Major, S.R.
Secretary,
Elec. Recon. Com. (Italy)

Distribution
list attached

2375

Declassified E.O. 12356 Section 3.3/NND No. 785019

mated to be about 6/12 months.

27) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R.(I) B. This has been set for Tuesday 20th March 1945

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec. Recon.Com.(Italy)

Distribution
list attached

2375

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION

Copy N° :

1 - C.A.C., AFHQ
2/3 - C-in C Med.
4 - Chief Commissioner AC
5 - G-4 (A), AFHQ
6 - G-4 (B), AFHQ
7/8 - G-5, AFHQ
9 - Q (Maint), AFHQ
10 - Q1, Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.E., AFHQ
14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - DTR (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - Tn. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.O., ITALY
40 - M.A.A.F. (A)
41 - M.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 528 USA
46/47 - HQ, N° 1 District
48 - C.E. N° 1 District
49/50 - HQ, N° 2 District
51 - C.E. N° 2 District
52/53 - HQ N° 3 District
54 - C.E. N° 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE
63/67 - B.P.A., PBS
68 - HQ Adriatic Depot, A.P.O. 388 USA
69/78 - AFLRS, RAAC, C.M.F.

2374

Declassified E.O. 12356 Section 3.3/NND No. 785019

10 - Q.M., Coal Section, AFHQ
11/12 - C.E., AFHQ
13 - D.C.E., AFHQ
14 - Dir. Eng. Prod. & Stores, AFHQ
15 - D.W., AFHQ
16/17 - D.T.R (Italy), C.M.F.
18 - Fiscal Director, AFHQ
19 - Tn. Increment, C.M.F.
20 - G.P.A., MTOUSA
21/25 - D.C.C.A.C., 15th Army Group
26/27 - HQ 15th Army Group
28 - HQ AC
29 - Vice President, Economic Section HQ AC
30/33 - Economic Section, HQ AC
34 - Industry Sub-Commission HQ AC
35 - Public Works and Utilities Sub-Commission HQ AC
36/37 - Public Relations Br. HQ AC
38 - C.S., TARANTO
39 - S.U.S.N.O., ITALY
40 - M.A.A.F. (A)
41 - M.A.A.F. (B)
42/45 - AAFSC/MTO, A.P.O. 528 USA
46/47 - HQ, N° 1 District
48 - C.E. N° 1 District
49/50 - HQ, N° 2 District
51 - C.E. N° 2 District
52/53 - HQ N° 3 District
54 - C.E. N° 3 District
55/58 - C.G., RAAC
59 - PENSOUTH
60 - PENBASE (MAIN)
61/62 - ENGINEER PENBASE
63/67 - B.D.A., PBS
68 - HQ Adriatic Depot, A.P.O. 388 USA
69/78 - AFLRS, RAAC, C.M.F.
79 - File
80/100 - Spares

2374

S-E-C-R-E-T

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET P. Works S/C E-3788 258/60

(Ltr, Hq AC, PW&U Sub-Commission, dtd 7 March 45, Subject: Draft minutes - Electrical Reconstruction Committee).

1st Ind.
ENGINEER SECTION, AFHQ, APO 512, U.S. Army. MAR 13 1945

TO: HQ Allied Commission, Public Works and Utilities Sub-Commission,
Attn: Secretary, Electrical Reconstruction Committee, APO 394, U.S. Army.

1. Minutes of the meeting held on 20 February 1945 are approved by the Chief Engineer.

2. The proposed mailing list is approved with the following exceptions:

2 copies be furnished to Chief Engineer, AFHQ
1 copy be furnished DW, AFHQ
With reference to the copies for the first three PENBASE addressees, they should be addressed as follows:

PENSOUTH
PENBASE (Main)
Engineer, PENBASE

Copy 73 to Advance CE Number 2 District may be omitted since copy 45 is listed for distribution to CE, Number 2 District.

RECEIVED P.W. & U. S/C A.C. 15 MAR 1945 171

3. Section I of AFHQ Administrative Memorandum No. 7 will incorporate the change in membership when it is again republished.

For the Chief Engineer:

B. C. SNOW,
Colonel, CE,
Deputy Chief Engineer, AFHQ (A).

2 Inclosures:
Incl. # 1 - Draft Minutes (in dupl, 1 copy w/d)
Incl. # 2 - Mailing List (in dupl, 1 copy w/d)

58 enfs

2373

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 317

WML/bb

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

59

MRC/PWU

20 March 1945

SUBJECT: Italian Electrical Situation
as of 20th March 1945 (Central Italy).

TO : Electric Power Committee
Allied Force Local Resources Section MAAC CMF.

1. The second of the large generating Units at the Galleto Power Station, Terni, will be ready for operation about 10th April 1945. This will make a further 30,000 Kilowatts of power available on the Central Italy Grid.

2. A number of smaller plants have also been brought into operation but the output capacity is to some extent, offset by the breakdown of other plants and the withdrawal of plants for normal maintenance.

3. Many of the Hydro Electric Generating Stations will have to reduce their output during May due to reduced water flow. It is anticipated that this reduction in generating capacity will be replaced by restoration of additional plants.

W.M. LAFFER
Lieut-Colonel
Elect. Reconst.
Committee (Italy)

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081
Ext. 317

SECRET

LWL/ac

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

Reference : 171/PWU

7 March 1945

Subject : Draft minutes - Electrical Reconstruction Committee

To : C.E. - A.F.H.Q.

1) - Transmitted herewith are draft minutes of meeting held on 20th February 1945 for consideration and approval prior to distribution.

2) - Also mailing list for approval.

3) - Minute 25 of attached recommends a change in membership of the Committee. This calls for an amendment of A.F.H.Q. Administrative Memorandum N° 7 dated 13 February 1945.

For the Chief Commissioner:

L.W.LAUGHLIN
Major, S.R.
Secretary
Elec.Recon.Com.(Italy)

enclosures :

3 copies Draft minutes
3 " miling list.

SECRET

DRAFT

S E C R E T

LWL/ac

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

Telephone
Rome 489081 - Ext. 317

6 March 1945

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The fourth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 20th February 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Col.B.C.SNOW - acting Chairman
A.C.	- Lt.Col.W.M.LAPPER
D.W. - A.F.H.Q.	- Maj.R.H.ROCKSBY
PENBASE	- Lt.Col.G.COOLEY
DISTRICT N° 1	- Major W.RIVETT
DISTRICT N° 3	- Major R.E.STEVENSON
M.R.S. (ITALY)	- Major J.C.KUBALE
R.N. WESTERN ITALY	- Comdr. L.E. HOGGAN

In Attendance

DISTRICT N° 2	- Major J.W.COOK .

21) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

22) - Matters arising out of previous minutes

Lt.Col.W.M.LAPPER reported that the possible use of the Alto Belice hydro unit at the Santa Maria Station, referred to in minute 17, had been looked into but was considered unsuitable. The Committee agreed that the unit should remain in storage for future use at a location for which it was better adapted.

23) - Report on progress of electrical rehabilitation

Declassified E.O. 12356 Section 3.3/NND No. 785019

The fourth meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Tuesday 20th February 1945 in Room 16 - 8th Floor A.C. Headquarters, Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Col.E.C.SNOW - acting Chairman
A.C.	- Lt.Col.W.M.LAPPER
D.W. - A.F.H.Q.	- Maj.R.H.ROCKSBY
PENBASE	- Lt.Col.G.COOLEY
DISTRICT N° 1	- Major W.RIVETT
DISTRICT N° 3	- Major R.E.STEVENSON
M.R.S. (ITALY)	- Major J.C.KUBALE
R.N. WESTERN ITALY	- Comdr. L.E. HOGGAN

In Attendance

DISTRICT N° 2	- Major J.W.COCK .

21) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

22) - Matters arising out of previous minutes

Lt.Col.W.M.LAPPER reported that the possible use of the Alto Belice hydro unit at the Santa Maria Station, referred to in minute 17, had been looked into but was considered unsuitable. The Committee agreed that the unit should remain in storage for future use at a location for which it was better adapted.

23) - Report on progress of electrical rehabilitation

(a) - A report showing the generating plants in operation in Central and Southern Italy, generating plants under repair, with estimated dates of completion and the state of repair of transmission lines was presented by Lt.Col.W.M.LAPPER.

(b) - The operation of the Central Italy Grid System under a Master Control Centre continued to be satisfactory and considerable improvement had been effected in the maintenance of standard voltage and frequency.

./.

Incl #1

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785019

(c) - Lt.Col.W.M.LAPPER stated that Advisory Committees on Electrical Power were now operating in Southern and Central Italy, and similar Committees were being formed for Sicily and Sardinia. The Committees were for the purpose of advising the Italian Government on all matters connected with Electric Power, being made up of Italian civilian technical men mainly connected with the Electrical Industry. It was observed that the Committees would be available for giving advise in case of Labour unrest or other matters where supplies of electricity may be jeopardized.

24) - Report by Lt.Col.PAGE - M.B.E.

(a) - A report on the C.E.B. portable substation equipment from the U.K. was given by Maj.Rocksby in the absence of Lt.Col.Page. Arrangements have been made for this equipment to be brought into the Theatre as Engineer Stores. It is expected to arrive March/April 1945.

(b) - Portable plant equipment
Major Rocksby submitted specifications on the 2500 KW, 50 cycle, portable steam plants being manufactured in U.K. After discussion the Committee agreed that requisitioning of any of this equipment should be done by A.C. and be justified as a civilian requirement. The delivery date for the first two sets is to be June 1945.

25) - Membership of the Committee

Application, by N° 2 District for membership on the Committee was made by Major J.W.COok. After discussion the Committee recommended that the membership be as follows :

Chairman	- Chief Engineer A.F.H.Q.
Representatives	- A.C.
"	- D.W.
"	- Penbase
"	- District N° 2364
"	- District N° 2
"	- District N° 3
"	- M.R.S. (Italy)
"	- R.N. Western Italy

26) - Other business

Declassified E.O. 12356 Section 3.3/NND No. 785019

24) - Report by Lt.Col.PAGE - M.B.E.

(a) - A report on the C.E.B. portable substation equipment from the U.K. was given by Maj.Rocksby in the absence of Lt.Col.Page. Arrangements have been made for this equipment to be brought into the Theatre as Engineer Stores. It is expected to arrive March/April 1945.

(b) - Portable plant equipment
Major Rocksby submitted specifications on the 2500 KW, 50 cycle, portable steam plants being manufactured in U.K. After discussion the Committee agreed that requisitioning of any of this equipment should be done by A.C. and be justified as a civilian requirement. The delivery date for the first two sets is to be June 1945.

25) - Membership of the Committee

Application, by N° 2 District for membership on the Committee was made by Major J.W.COok. After discussion the Committee recommended that the membership be as follows :

Chairman	- Chief Engineer A.F.H.Q.
Representatives	- A.C.
"	- D.W.
"	- Penbase
"	- District N° 1
"	- District N° 2
"	- District N° 3
"	- M.R.S. (Italy)
"	- R.N. Western Italy

2369

26) - Other business

- San Giacomo hydro plant
The completion of the first 50,000 KW San Giacomo hydro unit (ultimate capacity 200,000 H.P.) was discussed and the Committee recommended that the project be given a high priority as an A.C. responsibility for civilian requirements. The time required for completion of the first unit was estimated to be about 8/12 months.

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

27) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R.(I) B. This has been set for Tuesday 20th March 1945.

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com.(Italy)

Distribution

attached list

2368

Declassified E.O. 12356 Section 3.3/NND No. 785019

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com.(Italy)

Distribution

attached list

2368

SECRET

Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION

Copy N°

1	-	C.A.O., AFHQ
2/3	-	C-in C Med.
4	-	Chief Commissioner, AC
5	-	G-4 (A), AFHQ
6	-	G-4 (B), AFHQ
7/8	-	G-5, AFHQ
9	-	Q (Maint), AFHQ
10	-	QM, Coal Section, AFHQ
11	-	C.E., AFHQ
12	-	D.C.E., AFHQ
13	-	Dir.Eng.Prod. & Stores, AFHQ
14/15	-	MMR (Italy), C.M.F.
16	-	Fiscal Director, AFHQ
17	-	Tn. Increment, C.M.F.
18	-	G.P.A., MTOUSA
19/23	-	C.A.O., 15th Army Group
24/25	-	HQ 15th Army Group
26	-	HQ, AC
27	-	Vice President, Economic Section, HQ AC
28/29	-	Economic Section, HQ AC
30	-	Industry Sub-Commission, HQ AC
31	-	Public Works and Utilities, HQ AC
32	-	C.S., TARANTO
33	-	S.U.S.N.C., ITALY
34	-	M.A.A.F. (A)
35	-	M.A.A.F. (B)
36/39	-	AAFSC/MTO
40/41	-	HQ N° 1 District
42	-	C.E. N° 1 District
43/44	-	HQ N° 2 District
45	-	C.E. N° 2 District
46/47	-	HQ, N° 3 District
48	-	C.E. N° 3 District
49/53	-	C.G., RAAC
54	-	PENBASE SOUTH
55	-	PENBASE
56/58	-	C.E., P.B.S.
59/61	-	B.P.A., PBS
62	-	HQ Adriatic Depot
63/72	-	A.F.L.R.S. Rome Area Allied Command, C.M.F.
73	-	Adv. C.E. N° 2 District
74	-	File
75/90	-	Spares

2367

Declassified E.O. 12356 Section 3.3/NND No. 785019

13	-	Dir.Eng.Prod. & Stores, AFHQ
14/15	-	DMR (Italy), C.M.F.
16	-	Fiscal Director, AFHQ
17	-	Tn. Increment, C.M.F.
18	-	G.P.A., MTOUSA
19/23	-	C.A.O., 15th Army Group
24/25	-	HQ 15th Army Group
26	-	HQ, AC
27	-	Vice President, Economic Section, HQ AC
28/29	-	Economic Section, HQ AC
30	-	Industry Sub-Commission, HQ AC
31	-	Public Works and Utilities, HQ AC
32	-	C.S., TARANTO
33	-	S.U.S.N.O., ITALY
34	-	M.A.A.F. (A)
35	-	M.A.A.F. (B)
36/39	-	AAFSC/MTO
40/41	-	HQ N° 1 District
42	-	C.E. N° 1 District
43/44	-	HQ N° 2 District
45	-	C.E. N° 2 District
46/47	-	HQ, N° 3 District
48	-	C.E. N° 3 District
49/53	-	C.G., RAAC
54	-	PENBASE SOUTH
55	-	PENBASE
56/58	-	C.E., P.B.S.
59/61	-	B.P.A., PBS
62	-	HQ Adriatic Depot
63/72	-	A.F.L.R.S. Rome Area Allied Command, C.M.F.
73	-	Adv. C.E. N° 2 District
74	-	File
75/90	-	Spares

2367

Incl "2

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.459081
Ext. 317

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

EWI/ac

Reference : 171/PWU 2 March 45

Subject : MRS Representative on the Electrical Reconstruction Committee

To : DIRECTOR OF MILITARY RAILWAY SERVICE (ITALY)

Ref. MRS Italy - MS 1/14/2 - 21 Feb. 45 and Hqtrs N.T.O. Eng.Sec. - E-3331 - dated 27/2/45.

1) - Appointment of Major J.C.KUBALE M.B.E., R.E., above Committee is noted.

2) - The fifth meeting of the Committee will be held at 1400 hours on Tuesday 20th March 1945 in Room 16 - 8th Floor AC Hqtrs., Via Vittorio Veneto, Rome.

3) - D.M.R. (Italy) C.M.F. is now on the mailing list and Maj.Kubale has been receiving notices and publications.

L.W.LAUGHLIN
Major, S.R.
Secretary
Elec.Recon.Com.(Italy)

cc : HQTRS N.T.O. ENG.SEC. - APO 512

3 enclosures
copies of letter 2/3/45

see folio N-56

2368

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

RESTRICTED

ALLIED FORCE HEADQUARTERS
APO 512

ADMINISTRATIVE MEMORANDUM)
:
NUMBER 7) 13 February 1945

Power Rehabilitation I
Dress of civilian employees II

I - POWER REHABILITATION
Paragraph 2b (1), AFHQ Administrative Memorandum Number 58,1944 is rescinded and the following substituted therefor :

"b. Electrical Reconstruction Committee.
(1) The Central Electrical Board, Italy, is dissolved. There is hereby created an Electrical Reconstruction Committee (Italy) with membership as follows :

Chief Engineer AFHQ (Chairman)

Representatives of : AC, DW, PBS, District N° 1, District N° 3, MRS (Italy) and RN.

It is requested that AC, DW, PBS, District N° 1, District N° 3, MRS (Italy) and RN advise AFHQ of representatives selected for membership."

II - DRESS OF CIVILIAN EMPLOYEES
1) - Instances have been reported of the wearing of a mixed dress of civilian clothing and military or service uniform by various civilian employees who are permitted to wear uniform. These personnel are often mistaken for members of the United States and British Forces bringing discredit to those Forces.

2) - Civilian employees will not, therefore, wear any article of civilian outer clothing with any military or service uniform which they are permitted to wear.

BY COMMAND OF FIELD MARSHAL ALEXANDER :

(Signed)
C.W. CHRISTENBERRY
Colonel, AGD
Adjutant General

2365

DISTRIBUTION
"C"

RESTRICTED

Declassified E.O. 12356 Section 3.3/NND No. 785019

E-3331

56

HEADQUARTERS
MEDITERRANEAN THEATER OF OPERATIONS
ENGINEER SECTION
A.P.O. 512 U. S. ARMY

RECEIVED
P.W. & U. S/C A.C.
28 FEB 1945 M

FEB 27 1945

SUBJECT: MRS Representative on The Electrical Reconstruction Committee.

TO : Allied Commission, Public Works and Utilities Sub-Commission,
APO 394, U. S. Army.
(ATTENTION: Secretary, Electrical Reconstruction Committee.)

1. This Section has been advised by attached Memo that the Military Railway Service representative on the Electrical Reconstruction Committee will be Major J. C. KUBALE, M.B.E., R.E.

2. It is requested that MRS be notified of the next meeting and that they be placed in the mailing list to receive all future notices and publications.

For the Chief Engineer:

JACK AHLSTEDT,
Lt. Colonel, C.E.,
Executive.

CC to MRS
1 Incl:
MRS Memo.

Maj. Langhlin
Pls note & call attention
to Col Kappas on his return
Rad 4/3

5 Inclosures

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

56A

Subject: A.F.H.Q. Administrative Memorandum Number 7, Para. 1. Power Rehabilitation.

Military Railway Service,
Italy.
Tel: Firebox - 27
Outside line 84/3119.
MS.1/14/2.

21 February 1945.

TO: A.G.,
A.F.H.Q.

Copy to: D.D.M.R.S.
D.D. Tn., A.F.H.Q.
Tn. 3. (E).

1. The M.R.S. representative on the Electrical Reconstruction Committee (Italy) will be Major J. C. Kubale, M.D.E., R.E. of this Headquarters.

2. Will you please say when and where the first meeting will take place.

S/ E. L. Triffitt

(E. L. TRIFFITT).
Lt. Col., R.E.
for Brigadier.
Director, Military Railway Service.
Italy.

2363

COPY

Incl: 1

Declassified E.O. 12356 Section 3.3/NND No. 785019

RESTRICTED

54

ALLIED FORCE HEADQUARTERS
APO 512

ADMINISTRATIVE MEMORANDUM)
NUMBER 58)

12 December 1944

POWER REHABILITATION

1. Administrative Memorandum Number 43, 1944, is rescinded and the following substituted therefor:

2. The function of power rehabilitation having been transferred to control of AFHQ the following will govern:

a. The Chief Engineer, AFHQ, will

(1) Exercise staff supervision of power rehabilitation activities

(2) Recommend rehabilitation policies

(3) Coordinate power rehabilitation activities of the various agencies concerned.

b. Electrical Reconstruction Committee.

(1) The Central Electrical Board, Italy, is dissolved. There is hereby created an Electrical Reconstruction Committee (Italy), with membership as follows:

Chief Engineer AFHQ (Chairman)

Representatives of: AC, AAI, PBS, District No.3 MIS (Italy), and RN.

It is requested that AC, AAI, PBS, District No. 3, MIS (Italy) and RN advise AFHQ of representatives selected for membership.

(2) The Electrical Reconstruction Committee will:

(a) Meet at the call of the Chairman.

(b) Recommend studies for determining power requirements as may be required.

(c) Recommend study of and preparation of plans for power rehabilitation as may be required.

(d) Review AC plans for power rehabilitation, correlating them with the requirements and make recommendations as to extent and nature of rehabilitation.

(e) Recommend designation of agency to perform specific construction work of rehabilitation, when necessary.

(f) Make such other recommendations regarding power rehabilitation as it deems necessary.

2367

/.

Declassified E.O. 12356 Section 3.3/NND No. 785019

c. The AC will:

(1) Furnish Secretariat for the Electrical Reconstruction Committee.

(2) Be responsible for planning power rehabilitation throughout Italy.

(3) Maintain liaison with AAI and keep informed as to existence and condition of power plants and probable rehabilitation needs in operational areas.

(4) Ascertain power requirements from AAI, PBS, Districts (Dr), and other sources.

(5) Submit plans for rehabilitation to the Chief Engineer for consideration and approval of the Electrical Reconstruction Committee.

(6) Using Italian labor and local materials, direct, administer and supervise construction work of rehabilitation and operate the power systems except those projects specifically assigned other agencies by AFHQ and except as provided in Paragraphs 2d (2) and 2e (1).

(7) Will issue all orders necessary to implement the program to Italian Power Companies or other civilian agencies.

(8) Keep the Chief Engineer, AFHQ, advised of its activities.

d. AAI will:

(1) Cooperate with AC in determining existence and condition of power plants and probable rehabilitation needs in the operational area.

(2) Insofar as practicable initiate, construct and operate such power installations within the operational areas as it considers necessary, coordinating with plans of AC.

(3) Advise of Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

e. ASC (Italy), PBS, and Districts (Dr) under command AFHQ will:

(1) Initiate, construct and operate such power installations as are required locally for their own activities.

(2) Undertake such general power rehabilitation projects as may be specifically assigned by AFHQ.

(3) Cooperate with AC and AAI and render them such aid and assistance as is practicable within available means and without detriment to their own operations.

(4) Advise the Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

2346

/.

Declassified E.O. 12356 Section 3.3/NND No. 785019

3. Orders to implement plans will be issued through normal staff channels in respect to work for which military agencies are to be responsible.

4. The agencies mentioned above will furnish the required personnel from their own allotments.

By command of Field Marshal ALEXANDER.

C.W.GRIST-THOMPSON
Colonel, AGD,
Acting Adjutant General.

DISTRIBUTION
"Q"

RESTRICTED

53

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

Tel. 489081 - Ext. N° 317

P.W. & U. S/C, A.C.
Electrical Division

12 February 1945

File : E.R.C.

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The fourth meeting of the Electrical Reconstruction Committee will be held, at 1400 hours on Tuesday 20th February 1945, in Room 16 on the 8th Floor, A.C. Headquarters, Via Vittorio Veneto - Rome.

1) - Minutes of the third meeting, of the Committee held on 22 January 1945.

2) - To consider any matter arising out of the meeting of the Committee held on 22 January 1945.

3) - To receive a report from A.C. concerning the progress of electrical rehabilitation.

4) - To receive a report from Lt.Col.A.W.Page M.B.E. concerning procurement of C.E.B. emergency equipment and particulars of portable plants available in U.K.

5) - Any other business.

6) - Date and time of next meeting.

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec. Recon.Com.Italy

2359

Distribution

- A.F.H.Q.

Declassified E.O. 12356 Section 3.3/NND No. 785019

The fourth meeting of the Electrical Reconstruction Committee will be held, at 1400 hours on Tuesday 20th February 1945, in Room 16 on the 8th Floor, A.C. Headquarters, Via Vittorio Veneto - Rome.

1) - Minutes of the third meeting, of the Committee held on 22 January 1945.

2) - To consider any matter arising out of the meeting of the Committee held on 22 January 1945.

3) - To receive a report from A.C. concerning the progress of electrical rehabilitation.

4) - To receive a report from Lt.Col.A.W.Page M.B.E. concerning procurement of C.E.B. emergency equipment and particulars of portable plants available in U.K.

5) - Any other business.

6) - Date and time of next meeting.

L.W.LAUGHLIN
Major, S.R.
Secretary,
Elec. Recon.Com.Italy

2359

Distribution

C.E.	- A.F.H.Q.
D.W.	- A.F.H.Q.
A.C.	- Electrical Division, P.W. & U S/C
C.E.	- Penbase
M.R.S.	- CMF
C.E.	- District N° 3
Flag Officer	- R.N. Western Italy

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

(Ltr, Hq Allied Commission, dated 27 January 1945, Subject: "Draft Minutes - Electrical Reconstruction Committee Meeting", Reference 171/PWU).

52

1st Ind.
Engineer Section, AFHQ, APO 512, U. S. Army,

TO: Headquarters Allied Commission, APO 394, U. S. Army.
(Attn: Public Works and Utilities Sub-Commission).

1. Transmitted herewith are two copies of draft of minutes of the meeting of the Electrical Reconstruction Committee held in ROME on 22 January 1945 and two copies of the suggested mailing list.

2. The minutes of the meeting and the suggested mailing list have been approved by the Chief Engineer, AFHQ, for publication and distribution by the Secretary of the Committee.

3. Recommendation for amendment of paragraph 2. b. (1), Administrative Memorandum No. 58, AFHQ, 12 December 1944, pursuant to minute 18 of the third meeting of the Electrical Reconstruction Committee (Italy), has been submitted.

For the Chief Engineer:

B. C. SNOW,
Colonel, C. E.,
Deputy Chief Engineer, (A), AFHQ.

Inclosures as follows:

2 - copies draft minutes
2 - copies mailing list

2358

SECRET

DRAFT

SECRET

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

Telephone
Rome 489.081 Ext. 317

26 Jan. 45

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

MINUTES

The third meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 22 January 1945 in Room 16 6th Floor A.C. Hqtrs - Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Maj. Gen. D. Mc COACH - Chairman
A.C.	- Lt.Col. W.M. LAPPER Chief Elec.Div., P.W.&U. S/C A.C.
PENBASE	- Lt. Col. C. COOLEY C.E. Adv. Eng. Off. P.B.S.
DISTRICT N. 5	- Maj. R.E. STEVENSON
M.R.S.	- Maj. J.C. KNBALE

15) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

16) - Matters arising from previous minutes

Lt.Col. W.M.LAPPER stated that he had investigated the matter of transport, referred to in minute N. 11, and found this to be under A.C. control. The transport situation with respect to Electric Utility Companies was improving. 233

The situation on tyres was still critical but a shipment had just been received and every effort would be made to obtain some of these for the Electrical Utility Companies.

Declassified E.O. 12356 Section 3.3/NND No. 785019

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The third meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 22 January 1945 in Room 16 8th Floor A.C. Hqtrs - Via Vittorio Veneto, Rome.

Present :

C.R. - A.F.H.Q.	- Maj. Gen. D. Mc COACH - Chairman
A.C.	- Lt.Col. W.M. LAPPER Chief Elec.Div., P.W.&.U. S/C A.C.
PENBASE	- Lt. Col. G. COCKEY C.E. Adv. Hng. Off. P.B.S.
DISTRICT N. 3	- Maj. R.S. STEVENSON
M.R.S.	- Maj. J.C. KNBALE

15) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

16) - Matters arising from previous minutes

Lt.Col. W.M.LAPPER stated that he had investigated the matter of transport, referred to in minute N. 11, and found this to be under A.C. control. The transport situation with respect to Electric Utility Companies was improving. 233

The situation on tyres was still critical but a shipment had just been received and every effort would be made to obtain some of these for the Electrical Utility Transport.

17) - Report on progress of electrical rehabilitation

The new Master Control Room for Central Italy was inspected and the operation programme for the month of February presented to the Committee.

A report showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion, was presented by Lt.Col. W.M. LAPPER.

Details on generating stations, under repair, were explained

/.

Declassified E.O. 12356 Section 3.3/NND No. 785019

by Maj. E.J. Barry and transmission lines and sub-stations were explained by Maj. V.S. Renton.

Maj. J.C. Kubale reported on the progress of the Orte-Chiusi-Pontecino ; 120 KV line. The work will take about three months to complete.

Lt.Col. G.Cooley reported on the rehabilitation work in P.B.S. territory and submitted reconnaissance reports which had been made on the Santa Maria, Sperande, Anghiari, Santaione, Pavana, Molino del Pallone and Suviana hydro stations.

Lt.Col. G.Cooley raised the question of using the Alto Belice hydro units, now in storage in Southern Italy, at the Santa Maria station. Lt.Col. W.E. Lapper to look into this.

18) - Membership of the Committee

In view of the organisational changes which had recently occurred the Committee, after discussion recommended that the membership be as follows:

Chairman - Chief Engineer A.F.H.Q.
Representatives - A.C.
D.W.
P.B.S.
M.R.S.
R.N.
District N. 1
District N. 3

19) - Other business

The Committee, in reviewing portable power units, considered that locations should be determined by operational conditions.

20) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.N. (I) B. This has been set for Tuesday 20 January 1945.

2356

L.W. LAUCHLIN
Major, R.E.
Secretary,
Elec.Recon.Com. (Italy)

Declassified E.O. 12356 Section 3.3/NND No. 785019

Molino del Pallone and Suriana hydro stations.

Lt.Col. G.Cooley raised the question of using the Alto Belice hydro units, now in storage in Southern Italy, at the Santa Maria station. Lt.Col. W.H. Lapper to look into this.

18) - Membership of the Committee

In view of the organisational changes which had recently occurred the Committee, after discussion recommended that the membership be as follows:

Chairman - Chief Engineer A.F.H.Q.
Representatives - A.C.
D.W.
P.B.S.
M.R.S.
R.N.
District N. 1
District N. 3

19) - Other business

The Committee, in reviewing portable power units, considered that locations should be determined by operational conditions.

20) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.N. (I) B. This has been set for Tuesday 20 January 1945.

2356

L.E. LANGLEY
Major, U.S.
Secretary,
Elec.Recon.Com. (Italy)

DISTRIBUTION
(Attached list)

Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION

Copy No.

1	-	C.A.O., AFHQ
2/3	-	C-in C Med.
4	-	Chief Commissioner, AC
5	-	G-4 (A), AFHQ
6	-	G-4 (B), AFHQ
7/8	-	G-5, AFHQ
9	-	Q (Maint), AFHQ
10	-	QM, Coal Section, AFHQ
11	-	C.E., AFHQ
12	-	D.C.E., AFHQ
13	-	Dir.Eng.Prod. & Stores, AFHQ
14/15	-	IMR (Italy), C.M.F.
16	-	Fiscal Director, AFHQ
17	-	Tn. Increment, C.M.F.
18	-	G.P.A., MTOUSA
19/23	-	C.A.O., 15th Army Group,
24/25	-	HQ 15th Army Group
26	-	HQ, AC
27	-	Vice President, Economic Section, HQ AC
28/29	-	Economic Section, HQ AC
30	-	Industry Sub-Commission, HQ AC
31	-	Public Works and Utilities, HQ AC
32	-	C.S., TARANTO
33	-	S.U.S.N.O., ITALY
34	-	M.A.A.F. (A)
35	-	M.A.A.F. (B)
36/39	-	AAFSO/MTO
40/41	-	HQ, No. 1 District
42	-	C.E. No. 1 District
43/44	-	Hq. No. 2 District
45	-	C.E., No. 2 District
46/47	-	HQ, No. 3 District
48	-	C.E., No. 3 District
49/53	-	C.G., RAAO
54	-	PEBBASE SOUTH
55	-	PEBBASE
56/58	-	C.E., P.B.S.
59/61	-	B.P.A., PBS
62	-	HQ Adriatic Depot
63/72	-	A.P.L.E.S., Rome Area Allied Comm 24 C.M.F.
73	-	Adv. C.E., No. 2 District
74	-	File
75/90	-	Spares

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

E-2510

51

(Ltr, Hq Allied Commission, dated 27 January 1945, Subject: "Draft Minutes - Electrical Reconstruction Committee Meeting", Reference 171/PWU).

RECEIVED
P W & U. S/C A.C
5 FEB 1945 171

1st Ind.
Engineer Section, AFHQ, APO 512, U. S. Army, FEB 2 1945

TO: Headquarters Allied Commission, APO 394, U. S. Army.
(Attn: Public Works and Utilities Sub-Commission).

1. Transmitted herewith are two copies of draft of minutes of the meeting of the Electrical Reconstruction Committee held in ROME on 22 January 1945 and two copies of the suggested mailing list.

2. The minutes of the meeting and the suggested mailing list have been approved by the Chief Engineer, AFHQ, for publication and distribution by the Secretary of the Committee.

3. Recommendation for amendment of paragraph 2. b. (1), Administrative Memorandum No. 58, AFHQ, 12 December 1944, pursuant to minute 18 of the third meeting of the Electrical Reconstruction Committee (Italy), has been submitted.

For the Chief Engineer:

B. C. SNOW,
Colonel, C. E.,
Deputy Chief Engineer, (A), AFHQ.

Inclosures as follows:

2 - copies draft minutes
2 - copies mailing list

2354

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

Tel.489081

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

LWL/ac

Reference : 171/PWU

27 Jan. 45

Subject : Draft minutes - Electrical Reconstruction Committee

To : C.E. - A.F.H.Q.

1) - Transmitted herewith are draft minutes of meeting held 22 Jan. 45 for consideration and approval prior to distribution.

2) - Also mailing list for approval.

3) - Minute 18 of attached recommends a change in membership of the Committee. This calls for an amendment of A.F.H.Q. Administrative Memorandum N° 58 dated 12 December 1944.

L.W. LAUGHLIN
Major, S.R.
Secretary
Elec.Recon.Com.(Italy)

enclosures :

3 copies Draft minutes
3 " mailing list

2353

JAN 29 1945

DRAFT

S E C R E T

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

Telephone
Rome 489.081 Ext. 317

26 Jan. 45

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The third meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 22 January 1945 in Room 16 8th Floor A.C. Hqtrs - Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Maj. Gen. D. Mc COACH - Chairman
A.C.	- Lt.Col. W.M. LAPPER Chief Elec.Div., P.W.&U. S/C A.C.
PENBASE	- Lt. Col. G. COOLEY C.E. Adv. Eng. Off. P.B.S.
DISTRICT N. 3	- Maj. R.E. STEVENSON
M.R.S.	- Maj. J.C. KUBALE

15) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

16) - Matters arising from previous minutes

Lt.Col. W.M.LAPPER stated that he had investigated the matter of transport, referred to in minute N. 11, and found this to be under A.C. control. The transport situation with respect to Electric Utility Companies was improving.

The situation on tyres was still critical but a shipment had just been received and every effort would be made to obtain some of these for the Electrical Utility Transport.

17) - Report on progress of electrical rehabilitation

Declassified E.O. 12356 Section 3.3/NND No. 785019

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The third meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 22 January 1945 in Room 16 8th Floor A.C. Hqtrs - Via Vittorio Veneto, Rome.

Present :

C.E. - A.F.H.Q.	- Maj. Gen. D. Mc COACH - Chairman
A.C.	- Lt.Col. W.M. LAPPER Chief Elec.Div., P.W.&U. S/C A.C.
PENBASE	- Lt. Col. G. COOLEY C.E. Adv. Eng. Off. P.B.S.
DISTRICT N. 3	- Maj. R.E. STEVENSON
M.R.S.	- Maj. J.C. KUBALE

15) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

16) - Matters arising from previous minutes

Lt.Col. W.M.LAPPER stated that he had investigated the matter of transport, referred to in minute N. 11, and found this to be under A.C. control. The transport situation with respect to Electric Utility Companies was improving.

The situation on tyres was still critical but a shipment had just been received and every effort would be made to obtain some of these for the Electrical Utility Transport.

17) - Report on progress of electrical rehabilitation

The new Master Control Room for Central Italy was inspected and the operation programme for the month of February presented to the Committee.

A report showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion, was presented by Lt.Col. W.M. LAPPER.

Details on gensrating stations, under repair, were explained

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

by Maj. E.J. Barry and transmission lines and sub-stations were explained by Maj. V.S. Renton.

Maj. J.C. Kubale reported on the progress of the Orte-Chiusi-Ponticino , 120 KV line. The work will take about three months to complete.

Lt.Col. G.Cooley reported on the rehabilitation work in P.B.S. territory and submitted reconnaissance reports which had been made on the Santa Maria, Sperando, Anghiari, Sestaione, Pavana, Molino del Pallone and Suviana hydro stations.

Lt.Col. G.Cooley raised the question of using the Alto Belice hydro units now in storage in Southern Italy, at the Santa Maria station. Lt.Col. W.M. Lapper to look into this.

18) - Membership of the Committee

In view of the organizational changes which had recently occurred the Committee, after discussion recommended that the membership be as follows:

Chairman - Chief Engineer A.F.H.Q.
Representatives - A.C.
D.W.
P.B.S.
M.R.S.
R.N.
District N. 1
District N. 3

19) - Other business

The Committee,in reviewing portable power units,considered that locations should be determined by operational conditions.

20) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B. This has been set for Tuesday 20 ~~January~~ 1945.

2357

L.W. LAUGHLIN
Major, S.R.

Declassified E.O. 12356 Section 3.3/NND No. 785019

hydro units now in storage in Southern Italy, at the Santa Maria station. Lt.Col. W.M. Lapper to look into this.

18) - Membership of the Committee

In view of the organizational changes which had recently occurred the Committee, after discussion recommended that the membership be as follows:

Chairman - Chief Engineer A.F.H.Q.
Representatives - A.C.
D.W.
P.B.S.
M.R.S.
R.M.
District N. 1
District N. 3

19) - Other business

The Committee, in reviewing portable power units, considered that locations should be determined by operational conditions.

20) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B. This has been set for Tuesday 20 ~~January~~ 1945.

2357

L.W. LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com. (Italy)

DISTRIBUTION
(Attached list)

Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION

Copy No.

1	-	C.A.O., AFHQ
2/3	-	C-in C Med.
4	-	Chief Commissioner, AC
5	-	G-4 (A), AFHQ
6	-	G-4 (B), AFHQ
7/8	-	G-5, AFHQ
9	-	Q (Maint), AFHQ
10	-	QM, Coal Section, AFHQ
11	-	C.E., AFHQ
12	-	D.C.E., AFHQ
13	-	Dir.Eng.Prod. & Stores, AFHQ
14/15	-	DMR (Italy), C.M.F.
16	-	Fiscal Director, AFHQ
17	-	Tn. Increment, C.M.F.
18	-	C.P.A., MTOUSA
19/23	-	C.A.O., 15th Army Group,
24/25	-	HQ 15th Army Group
26	-	HQ, AC
27	-	Vice President, Economic Section, HQ AC
28/29	-	Economic Section, HQ AC
30	-	Industry Sub-Commission, HQ AC
31	-	Public Works and Utilities, HQ AC
32	-	C.S., TARANTO
33	-	S.U.S.N.O., ITALY
34	-	M.A.A.F. (A)
35	-	M.A.A.F. (B)
36/39	-	AAPSC/MTO
40/41	-	HQ, No. 1 District
42	-	C.E. No. 1 District
43/44	-	Hq. No. 2 District
45	-	C.E., No. 2 District
46/47	-	HQ, No. 3 District
48	-	C.E., No. 3 District
49/53	-	C.G., RAAC
54	-	PENBASE SOUTH
55	-	PENBASE
56/58	-	C.E., P.B.S.
59/61	-	D.P.A., PBS
62	-	HQ Adriatic Depot
63/72	-	A.F.L.R.S., Rome Area Allied Command, C.M.F.
73	-	Adv. C.E., No. 2 District
74	-	File
75/90	-	Spares

2350

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081
Ext. 317

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

50

Reference : 171/PWU
Subject : Electric Reconstruction Committee
Agenda and Minutes

25 Jan. 45

To : ALLIED FORCE LOCAL RESOURCES
R.A.A.C. - C.M.F.

1) - Reference letter 8th Jan. 45 - file LRS/215X/1.

2) - We enclose herewith as requested ten copies each of the following :

Agenda of 1st meeting dated	17/11/44
Minutes of 1st meeting dated	7/12/44
Agenda of 2nd meeting dated	12/12/44
Minutes of 2nd meeting dated	4/1/45
Agenda of 3rd meeting dated	16/1/45.

3) - Ten minutes of the 3rd meeting will be forwarded as soon as they are prepared.

L.A.LAUGHLIN
Major, Spec. Res.
Secretary
Elec. Recon. Com. Italy

See folio 41

enclosures

Declassified E.O. 12356 Section 3.3/NND No. 785019

49

RECEIVED 171
P.W. & U. S/C A.C.
29 JAN 1945

ENGINEER SECTION
A.F.H.Q.
C.M.F.
Tele No. Freedom 818

SUBJECT: Power Station Rehabilitation. ENG/2005/1

TO : HQ Allied Commission.
(Public Works & Utilities Sub-Commission) 27 Jan 45

1. Herewith enclosed plant condition report on power stations at SANTA MARIA and SESTAIONE and sub-station at CA' DI LANDINO by AMG Officer 5th Army.

2. It is felt that the use of military labour for repair work at the present time is not justified and it is suggested that the question of the rehabilitation of this plant be considered at the next meeting of the Electrical Reconstruction Committee.

3. Should, however, the ALTO BELICE plant be found suitable for installation at SANTA MARIA the question of using military labour will be reconsidered.

A.W. PAGE,
Lt Colonel RE,
for M.G.R.E.

Encl : as above.
AWP/NFW

Lt Col Jeffer.

Lt Col Page for L
Dft 29/1

2348

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY.

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S. ARMY

DMG/cpn

December 27, '44

205/9

Subject : Sestaione and Santa Maria Castiglione Power Stations.

To : Chief Engineer 15th Army Group

Report on the conditions of each of the above plant is forwarded herewith.

for the Commanding General.

D.M.GAITHER,
Captain, CMP
Engineer Officer,
AMG Fifth Army.

Copy to : Chief Engineer, 5th Army.

DETAILS OF DAMAGE TO THE POWER STATION AT SANTA MARIA CASTIGLIONE AND

PROPOSALS FOR ITS REHABILITATION.

The Power Station at SANTA MARIA is badly damaged but can be repaired using the materials and the machine parts left in good condition.

The hydraulic part of this station is undamaged and water is available at the station by pipeline from Lake BUASIMONE. There are three Pelton type turbines in the power station. It is possible that the shafts are distorted, but they can be rectified using the lathe in the power station.

One turbine can be repaired using the undamaged parts of the others and a new rotor of the reserve turbine is undamaged.

The automatic relief valves of the turbines can not be repaired but hand control can be used.

Each turbine is directly coupled to an alternator of 5000 V. and 2300 KVA, these have been damaged, two have broken casings, but these can be repaired by oxy-acetylene welding.

The alternators are also damaged, but one can be built up using the undamaged parts of one machine to make up for breakages on the other. For this repair insulating material is necessary. For excitation of the alternators there are two separate exciters 110 volts, 700 amps, both these are damaged and it will be necessary to find at least one new one.

The transformers have not been badly damaged, 3 No. 2500 KVA, 50,000 volts previously used for BOLOGNA supply can be repaired, but there is no oil and 25 quintals for each will be required. For repair work an oxy-acetylene welding set and 5 m.m. corrugated iron plates will be necessary. The other transformers 15,000 volts which serve PORRETTA, CAMUGNANO and VERGATO and the switchgear are all in good order.

The potential transformers are in good condition. All the switchboard instruments are missing, and it will be necessary to obtain a DC voltmeter with 200 volt scale for the excitation and an AC voltmeter for the alternators, the potential transformer for this voltmeter is in the power-station and in good condition.

A current transformer and ammeter reading to 300 amps will be necessary for measurement of alternator current.

There is sufficient oil for the transformers capacity it will be possible to use, but filter paper will be required for treatment of the oil.

With regard to the distribution lines, the CASTIGLIONE line is not badly damaged; on the line to LAGARO a large quantity of copper wire is missing. On the RAPAGAZZA line, poles, insulators and wire are missing. On the CAMUGNANO line only a small quantity of aluminium wire is missing and sufficient for this repair can be recovered from other lines, on the section from PORRETTA to CAMUGNANO there is more extensive damage, poles are destroyed and a large quantity of aluminium cable is missing.

The transformer cabins situated in the villages are all in good condition

Declassified E.O. 12356 Section 3.3/NND No. 785019

The automatic relief valves of the turbines can not be repaired but hand control can be used.

Each turbine is directly coupled to an alternator of 5000 V. and 2300 KVA, these have been damaged, two have broken casings, but these can be repaired by oxy-acetylene welding.

The alternators are also damaged, but one can be built up using the undamaged parts of one machine to make up for breakages on the other. For this repair insulating material is necessary. For excitation of the alternators there are two separate exciters 110 volts, 700 amps, both these are damaged and it will be necessary to find at least one new one.

The transformers have not been badly damaged, 3 No. 2500 KVA, 50,000 volts previously used for BOLOGNA supply can be repaired, but there is no oil and 25 quintals for each will be required. For repair work an oxy-acetylene welding set and 5 m.m. corrugated iron plates will be necessary. The other transformers 15,000 volts which serve PORRETTA, CAMUGNANO and VERGATO and the switchgear are all in good order.

The potential transformers are in good condition. All the switchboard instruments are missing, and it will be necessary to obtain a DC voltmeter with 200 volt scale for the excitation and an AC voltmeter for the alternators, the potential transformer for this voltmeter is in the power-station and in good condition.

A current transformer and ammeter reading to 300 amps will be necessary for measurement of alternator current.

There is sufficient oil for the transformers capacity it will be possible to use, but filter paper will be required for treatment of the oil.

With regard to the distribution lines, the CASTIGLIONE line is not badly damaged; on the line to LAGARO a large quantity of copper wire is missing. On the BARAGAZZA line, poles, insulators and wire are missing. On the CAMUGNANO line only a small quantity of aluminium wire is missing and sufficient for this repair can be recovered from other lines, on the section from PORRETTA to CAMUGNANO there is more extensive damage, poles are destroyed and a large quantity of aluminium cable is missing.

The transformer cabins situated in the villages are all in good condition except one at LA SERRA which was demolished.

The low tension lines have suffered greater damage but these also, with the materials on hand can be put in order.

The first task is to take away the debris from the machines in the station and it will be necessary to build a shed for the workers.

A 4 HP petrol engine will be necessary for operating the lathes, which will be used to repair the shafts of the turbines and alternators and other miscellaneous work. This small engine can be returned when the power station has been repaired, and an electric motor substituted.

Declassified E.O. 12356 Section 3.3/NND No. 785019

In conclusion the power station can be repaired using materials on site. The parts most difficult to obtain are exciters, but it will be possible to put two machines into working order using exciters from the sub-station of CA' DI LANDINO.

If this repair work is sanctioned the power station could be put in order in two months or less and supply energy to BARAGAZZA, PORRETTA and VERGATO.

FREQUENCY CHANGING SUB-STATION OF CA' DI LANDINO.

This sub-station changes frequency from 50 to 42 cycles for supply to the State Railways.

It is composed of four 700 KVA convertor sets, each set consisting of a synchronous motor, alternator and directly coupled exciter. Energy was previously supplied from the sub-station of BOLOGNA S. VIOLA and from SUVIANA Power Station.

The damage to this substation has been considerable and it is only possible to salvage those parts of the machines and instruments which remain undamaged. From these four sets, all more or less damaged it will be possible to derive two good sets which could be erected in the power station at CASTIGLIONE S. MARIA.

Of the transformers, 3 No. 75 KVA and 100 KVA are repairable, but there is no oil, 1 No. 200 KVA 5000/500 volts can be repaired, an oxy-acetylene welding set and 5 m.m. plate will be required. 2 No. 700 KVA 60,000/5,000 volt transformer have been totally destroyed.

Some of the switches are in good condition but the switchboard instruments are all broken.

There are about 600 metres of new 500 volt, 16 sq m.m. copper cable, several junction boxes and 4 or 5 quintals of 5 sq m.m. copper wire. With this material it will be possible to repair some of the damaged distribution lines. There are also 200 litres of oil in one three/six phase transformer which was hidden along with other material such as insulators, relays, resistances etc.

The line to CASTIGLIONE has been demolished, whilst the line from CASTIGLIONE to PORRETTA, GRIZZANA and SUVIANA is repairable. It is also possible to recover a 3-ton gantry crane.

In conclusion this station cannot easily be put into working order owing to the extensive damage, however it is possible to recover material which can be used in the repair of other power stations.

List of materials necessary for repair of S. MARIA CASTIGLIONE Power Station :

(a) Materials for which ANG help will be required -

Oxy-acetylene welding set	1
Oxygen bottles	10
10 m.m. iron plate	6 sq. m.
Bolts ½"	200.
" ⅜"	200.
" ¼"	200.

Declassified E.O. 12356 Section 3.3/NND No. 785019

previously supplied from the sub-station of [illegible]
Power Station.

The damage to this substation has been considerable and it is only possible to salvage those parts of the machines and instruments which remain undamaged. From these four sets, all more or less damaged it will be possible to derive two good sets which could be erected in the power station at CASTIGLIONE S. MARIA.

Of the transformers, 3 No. 75 KVA and 100 KVA are repairable, but there is no oil, 1 No. 200 KVA 5000/500 volts can be repaired, an oxy-acetylene welding set and 5 m.m. plate will be required. 2 No. 700 KVA 60,000/5,000 volt transformer have been totally destroyed.

Some of the switches are in good condition but the switchboard instruments are all broken.

There are about 600 metres of new 500 volt, 16 sq m.m. copper cable, several junction boxes and 4 or 5 quintals of 5 sq m.m. copper wire. With this material it will be possible to repair some of the damaged distribution lines. There are also 200 litres of oil in one three/six phase transformer which was hidden along with other material such as insulators, relays, resistances etc.

The line to CASTIGLIONE has been demolished, whilst the line from CASTIGLIONE to PORRETTA, GRIZZANA and SUVIANA is repairable. It is also possible to recover a 3-ton gantry crane.

In conclusion this station cannot easily be put into working order owing to the extensive damage, however it is possible to recover material which can be used in the repair of other power stations.

List of materials necessary for repair of S. MARIA CASTIGLIONE Power Station :

(a) Materials for which AMG help will be required -

Oxy-acetylene welding set	1
Oxygen bottles	10
10 m.m. iron plate	6 sq. m.
Bolts $\frac{1}{4}$"	200.
" $\frac{1}{2}$"	200.
" $\frac{3}{4}$"	200.
" 1"	200.
Drills 3 m.m.	10.
4 m.m.	6.
5 m.m.	6.
6 m.m.	5.
7 m.m.	4.
8 m.m.	2.
9 m.m.	2.
10 m.m.	2.
11 m.m.	1.
12 m.m.	1.
12.5 m.m.	1.
13 m.m.	1.
13.5 m.m.	1.

Declassified E.O. 12356 Section 3.3/NND No. 785019

14 m.m.	1.
15 m.m.	1.
16 m.m.	1.
17 m.m.	1.
17.5 m.m.	1.
Stock and dies from ¼" to 1"	1.
Assorted files	10.
Emery wheel	1.
Hammers (1.5 kg.	2.
(1 kg.	1.
20 x 10 tool steel	4 metres.
Hand drilling machine	1.
4 HP petrol engine	1.
Belting 10 cm x 5 m.m.	50 metres.
Pure tin	3 kg.
Petrol for engine.	
D.C. Voltmeter 100 volt scale	1.
D.C. Ammeter 150 amp scale	1.
A.C. voltmeter and P.T. for 11 KV	1.
A.C. ammeter 100 amp scale 5000 volt.	1.
Filter papers.	40 kg.
Shellac varnish.	20 kg.
20 m.m. Empire tape	10 kg.
20 m.m. cotton tape (½ kg)	10 rolls.
15 m.m. cotton tape (½ kg)	5 rolls.
Press palm 5 m.m. to 10 m.m. thick	10 sq metres.
Coke for forge.	20 quintals.

BUILDING MATERIAL FOR SHED.

Bricks	5000.
Lime	100 quintals.
Portland cement	60 quintals.
Timber beams 20 x 30 x 6 m. long	8.
Boarding 20 c.m.	130 metres.
Corrugated iron sheeting	200 sq. metres.
Spikes 20 cm. long	50 kg.
'U' spikes 30 cm. long for fixing beams	70.
Windolite	15 sq metres.
Putty	40 kg.

TRANSPORT.

1 lorry.

(b) Available material salvaged from damaged stations for repair of CASTIGLIONE.

700 KVA alternator with exciter	1.
3 phase cable	600 metres.
5 m.m. Copper wire	5 quintals.
Transformer oil.	300 litres.
Gantry crane	1.
Instrument transformers	3
Line insulators.	2
Switchboard instruments.	

Declassified E.O. 12356 Section 3.3/NND No. 785019

D.C. Voltmeter 100 volt scale	1.
D.C. Ammeter 150 amp scale	1.
A.C. voltmeter and P.T. for 11 KV	1.
A.C. ammeter 100 amp scale 5000 volt.	1.
Filter papers.	40 kg.
Shellac varnish.	20 kg.
20 m.m. Empire tape	10 kg.
20 m.m. cotton tape ($\frac{1}{2}$ kg)	10 rolls.
15 m.m. cotton tape ($\frac{1}{2}$ kg)	5 rolls.
Press palm 5 m.m. to 10 m.m. thick	10 sq meters.
Coke for forge.	20 quintals.

BUILDING MATERIAL FOR SHED.

Bricks	5000.
Lime	100 quintals.
Portland cement	60 quintals.
Timber beams 20 x 30 x 6 m. long	8.
Boarding 20 c.m.	130 metres.
Corrugated iron sheeting	200 sq. metres.
Spikes 20 cm. long	50 kg.
'U' spikes 30 cm. long for fixing beams	70.
Windolite	15 sq metres.
Putty	40 kg.

TRANSPORT.

1 lorry.

(b) Available material salvaged from damaged stations for repair of CASTIGLIONE.

700 KVA alternator with exciter	1.
3 phase cable	600 metres.
5 m.m. Copper wire	5 quintals.
Transformer oil.	300 litres.
Gantry crane	1.
Instrument transformers	2 1/2
Line insulators.	
Switchboard instruments.	
Relays.	
Westinghouse rectifier	1.

COST OF WORK.

The total cost of the repair work as described will be approximately 600000 to 800000 lire according to the amount of work done on the distribution lines.

This estimate does not include the cost of the materials listed in the report.

Signed ....
Engineer IV Corps, A.M.G.

Declassified E.O. 12356 Section 3.3/NND No. 785019

POWER STATION OF SESTAIONE

CONDITION OF THE PLANT AFTER DEMOLITIONS CARRIED OUT BY THE ENEMY

POWER STATION.

The room where the machines were installed is completely destroyed, the floor and part of the southern and western walls are all that is left. The switch boards and the machines which were installed are also destroyed.

The remaining part of the building can be used again, except some ceilings and inner walls, which will have to be demolished before reconstruction.

The 10 ton mobile crane, used for the machines, is damaged and can be repaired on the spot; the one used for the transformers is intact (20 tons), but cannot be used until the walls are repaired.

PRESSURE PIPE.

The intake and the nearby part of the pressure pipe are buried under the fallen building, so that damage cannot be seen, but it was verified that the pipe bears normal pressure.

Not far from the reservoir, at La Perla, the Germans blew up 8 metres of pipe. Owing to the low pressure of this point (approx 25 metres of water) the pipe can be repaired with a concrete coupling box.

Reservoir, Derivation canal and intake works.

Have not been damaged by the Germans; but having been exposed to artillery fire, they have been damaged probably in several parts especially the reservoir.

Machinery and instruments saved.

Nr. 1	1680 HP Pelton turbine, complete.
" 1	1775 KVA alternator, complete.
" 1	4160 HP Francis turbine, complete delivery pipe, missing only.
" 1	1775 KVA transformer 5000/33000 V
" 1	3550 " " 5000/66000 V
" 1	1000 " autotransformer 5000/6500 V.

The above machines are complete with all controls, which are:

Nr. 2	Outdoor oil switches, 66000 V
" 4	" transformers 66000 V
" 2	" Isolating links for 66000 V
" 1	Indoor switch for the 33000 V
" 2	" switches for 6500 V

Several insulators for 6500, 33000 and 66000 V.

Machinery and instruments damaged, repairable.

	KVA
Nr. 1	3550 alternator (this can only be repaired in a specialised workshop)
" 2	Outdoor 33000 V switches (can be repaired on the spot)
" 1	Transformers 33000 V (as above)

Declassified E.O. 12356 Section 3.3/NND No. 785019

PRESSURE PIPE.

The intake and the nearby part of the pressure pipe are buried under the fallen building, so that damage cannot be seen, but it was verified that the pipe bears normal pressure.

Not far from the reservoir, at La Perla, the Germans blew up 8 metres of pipe. Owing to the low pressure of this point (approx 25 metres of water) the pipe can be repaired with a concrete coupling box.

Reservoir, Derivation canal and intake works.

Have not been damaged by the Germans; but having been exposed to artillery fire, they have been damaged probably in several parts especially the reservoir.

Machinery and instruments saved.

Nr. 1	1680 HP Pelton turbine, complete.
" 1	1775 KVA alternator, complete.
" 1	4160 HP Francis turbine, complete delivery pipe, missing only.
" 1	1775 KVA transformer 5000/33000 V
" 1	3550 " " 5000/66000 V
" 1	1000 " autotransformer 5000/6500 V.

The above machines are complete with all controls, which are:

Nr. 2	Outdoor oil switches, 66000 V
" 4	" transformers 66000 V
" 2	" Isolating Links for 66000 V
" 1	Indoor switch for the 33000 V
" 2	" switches for 6500 V

Several insulators for 6500, 33000 and 66000 V.

Machinery and instruments damaged, repairable.

	KVA
Nr. 1	3550 alternator (this can only be repaired in a specialised workshop)
" 2	Outdoor 33000 V switches (can be repaired on the spot)
" 4	Transformers 33000 V (as above)

The machinery and instruments saved are now hidden, part in the cellars of the Central Station, part walled in a nearly building and part hidden in the woods near the station. Before removing these materials it will be necessary to build a temporary hut for them.

Declassified E.O. 12356 Section 3.3/NND No. 785019

WORKSHOP FOR REPAIRS.

Beside the damage suffered by the building itself the lathe and drill have been destroyed; the substitution of these machines is most urgent, as they are essential for repair of the damaged machinery.
The lathe must be a medium size one, at least a space of 1000 mm between centres. The drill must be capable of drilling 20 mm holes.

REHABILITATION PLAN.

The reconstruction of the central station, with the supports for the mobile crane, especially owing to the incoming winter season, is considered too long, it is more convenient to build a wooden hut on the foundations of the old machine room, and install in it the 1775 KVA Group, the mobile crane not being used. The hut will be build so that when possible, brick walls can be built around it.
When the building is completed, the wooden hut will be taken down and the 3550 KVA group installed. During this second stage of work the station would produce 1200 KW of power, and when the work is finished the power would rise to 3700 KW.

The progress of the works would be as following.

(1) Clearing of the debris from the area where machinery is to be installed; building of the hut and the temporary workshop.
(2) Removal of the machinery, less the 3550 KVA transformer, from their hiding place, and transport of the heavy parts.
(3) Installation of the 1775 KVA group and the necessary accessories, fitting of a temporary 33000 V switch board.
(4) Repair of the pressure pipe and the hydraulic works.
COMMENCEMENT OF PRODUCTION.
(5) Repair of the building, reconstruction of the demolished parts and removal of the wooden hut.
(6) Removal of the 3550 KVA transformer, installing of the 4160 HP turbine and of the 5000, 33000 and 66000 V circuits.
(7) Installation of the 3550 KVA repaired alternator and commencement of production with 3700 KW of power.

NECESSARY MATERIALS FOR REPAIR.

Intake works and reservoir.

Cement, the quantity will be stated after damage has been ascertained.

Pressure pipe.

Cement	Kg 5000
iron ⌀ 14	" 100
" ⌀ 12	" 1500
" ⌀ 10 + 8	" 500
timber	Sq m. 2

2349

Power station.

Cement	Kg. 50000
	Nr 15000

Declassified E.O. 12356 Section 3.3/NND No. 785019

When the building is completed, the wooden hut will be taken down and the 3550 KVA group installed. During this second stage of work the station would produce 1200 KW of power, and when the work is finished the power would rise to 3700 KW.

The progress of the works would be as following.

(1) Clearing of the debris from the area where machinery is to be installed; building of the hut and the temporary workshop.
(2) Removal of the machinery, less the 3550 KVA transformer, from their hiding place, and transport of the heavy parts.
(3) Installation of the 1775 KVA group and the necessary accessories, fitting of a temporary 33000 V switch board.
(4) Repair of the pressure pipe and the hydraulic works.
COMMENCEMENT OF PRODUCTION.
(5) Repair of the building, reconstruction of the demolished parts and removal of the wooden hut.
(6) Removal of the 3550 KVA transformer, installing of the 4160 HP turbine and of the 5000, 33000 and 66000 V circuits.
(7) Installation of the 3550 KVA repaired alternator and commencement of production with 3700 KW of power.

NECESSARY MATERIALS FOR REPAIR.

Intake works and reservoir.

Cement, the quantity will be stated after damage has been ascertained.

Pressure pipe.

Cement	Kg 5000
iron ø 14	" 100
" ø 12	" 1500
" ø 10 ÷ 8	" 500
timber	Sq m. 2

2343

Power station.

Cement	Kg. 50000
Bricks	Nr. 15000
Tiles (for walls)	" 10000
" marsigliese	" 5000
Ordinary tiles	Sq. m. 540
Tarred cardboard	" 360
Iron ø 6	Kg 400
Asphalt mastic	Sq m. 360
Ordinary tiles	" 400
Tiles marsigliese	" 400

Lieut R.E.
Engineer A.M.G. IV Corps

21 Dec 1944

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

31.489081

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

LWL/ac

48

Reference : 171/PWU

27 Jan. 45

Subject : Draft minutes - Electrical Reconstruction Committee

To : C.E. - A.F.H.Q.

1) - Transmitted herewith are draft minutes of meeting held 22 Jan. 45 for consideration and approval prior to distribution.

2) - Also mailing list for approval.

3) - Minute 18 of attached recommends a change in membership of the Committee. This calls for an amendment of A.F.H.Q. Administrative Memorandum N° 58 dated 12 December 1944.

L.W. LAUGHLIN
Major, S.R.
Secretary
Elec.Recon.Com.(Italy)

enclosures :

3 copies Draft minutes
3 " mailing list

2342

DRAFT

SECRET

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

Telephone
Rome 489.031 Ext. 317

26 Jan. 45

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

MINUTES

The third meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 22 January 1945 in Room 16 5th Floor A.C. Hqtrs - Via Vittorio Veneto, Rome.

Present :

C.R. - A.F.H.Q.	- Maj. Gen. D. Mc COACH - Chairman
A.C.	- Lt.Col. W.M. LAPTER Chief Elec.Div., P.W.A.U. S/C A.C.
FEBASE	- Lt. Col. G. COOLEY C.E. Adv. Eng. Off. F.B.S.
DISTRICT N. 3	- Maj. R.E. STEVENSON
M.R.S.	- Maj. J.C. KIBALD

15) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

16) - Matters arising from previous minutes

Lt.Col. W.M.LAPTER stated that he had investigated the matter of transport, referred to in minute N. 11, and found this to be under A.C. control. The transport situation with respect to Electric Utility Companies was improving.

The situation on tyres was still critical but a shipment had just been received and every effort would be made to obtain some of these for the Electrical Utility Transport.

Declassified E.O. 12356 Section 3.3/NND No. 785019

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

M I N U T E S

The third meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 22 January 1945 in Room 16 8th Floor A.C. Hqtrs - Via Vittorio Veneto, Rome.

Present :

C.E. - A.P.M.G.	- Maj. Gen. D. Mc COACH - Chairman
A.C.	- Lt.Col. W.M. LAPPER Chief Elec.Div., P.W.A.U. S/C A.C.
PENBASE	- Lt. Col. C. OOGLEY C.E. Adv. Eng. Off. P.B.S.
DISTRICT No. 3	- Maj. R.E. STEVENSON
M.R.S.	- Maj. J.C. KIBBLE

15) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

16) - Matters arising from previous minutes

Lt.Col. W.M.LAPPER stated that he had investigated the matter of transport, referred to in minute N. 11, and found this to be under A.C. control. The transport situation with respect to Electric Utility Companies was improving.

The situation on tyres was still critical but a shipment had just been received and every effort would be made to obtain some of these for the Electrical Utility Transport.

17) - Report on progress of electrical rehabilitation

The new Master Control Room for Central Italy was inspected and the operation programme for the month of February presented to the Committee.

A report showing the generating plants in operation in Central and Southern Italy, generating plants under repair and estimated dates of completion, was presented by Lt.Col. W.M. LAPPER.

Details on generating stations, under repair, were explained

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

by Maj. N.J. Barry and transmission lines and sub-stations were explained by Maj. V.S. Renton.

Maj. J.C. Kubala reported on the progress of the Orte-Chiusi-Ponticino , 120 KV line. The work will take about three months to complete.

Lt.Col. G.Cooley reported on the rehabilitation work in P.B.S. territory and submitted reconnaissance reports which had been made on the Santa Maria, Sperando, Anghieri, Sestaione, Pavana, Molino del Pallone and Suviana hydro stations.

Lt.Col. G.Cooley raised the question of using the Alto Belice hydro units, now in storage in Southern Italy, at the Santa Maria station. Lt.Col. W.M. Lapper to look into this.

18) - Membership of the Committee

In view of the organizational changes which had recently occurred the Committee, after discussion recommended that the membership be as follows:

Chairman - Chief Engineer A.F.H.Q.
Representatives - A.C.
D.W.
P.B.S.
M.R.S.
R.N.
District N. 1
District N. 5

19) - Other business

The Committee, in reviewing portable power units, considered that locations should be determined by operational conditions.

20) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B. This has been set for Tuesday 20 January 1945.

2379

L.W. LAUFLIN
Major, S.E.

Declassified E.O. 12356 Section 3.3/NND No. 785019

hydro units now in storage in Southern Italy, at [illegible] Maria station. Lt.Col. W.M. Lapper to look into this.

18) - Membership of the Committee

In view of the organisational changes which had recently occurred the Committee, after discussion recommended that the membership be as follows:

Chairman - Chief Engineer A.F.H.Q.
Representatives - A.C.
D.W.
P.B.S.
M.R.S.
R.M.
District N. 1
District N. 3

19) - Other business

The Committee, in reviewing portable power units, considered that locations should be determined by operational conditions.

20) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B. This has been set for Tuesday 20 January 1945.

2349

L.W. LAUGHLIN
Major, S.R.
Secretary,
Elec.Recon.Com. (Italy)

DISTRIBUTION
(attached list)

Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION

Copy No.

1 - C.A.C., AFHQ
2/3 - C-in C Med.
4 - Chief Commissioner, AC
5 - G-4 (A), AFHQ
6 - G-4 (B), AFHQ
7/8 - G-5, AFHQ
9 - Q (Maint), AFHQ
10 - CM, Coal Section, AFHQ
11 - G.E., AFHQ
12 - D.C.E., AFHQ
13 - Dir.Eng.Prod. & Stores, AFHQ
14/15 - IMR (Italy), C.M.F.
16 - Fiscal Director, AFHQ
17 - Tn. Encrement, C.M.F.
18 - C.F.A., MENOUBA
19/23 - C.A.C., 15th Army Group,
24/25 - HQ 15th Army Group
26 - HQ, AC
27 - Vice President, Economic Section, HQ AC
28/29 - Economic Section, HQ AC
30 - Industry Sub-Commission, HQ AC
31 - Public Works and Utilities, HQ AC
32 - C.S., TARANTO
33 - S.U.S.N.O., ITALY
34 - M.A.A.F. (A)
35 - M.A.A.F. (B)
36/39 - AAFSC/MTO
40/41 - HQ, No. 1 District
42 - C.E. No. 1 District
43/44 - HQ. No. 2 District
45 - C.E., No. 2 District
46/47 - HQ, No. 3 District
48 - C.E., No. 3 District
49/53 - C.G., HAAC
54 - PENBASE SOUTH
55 - PENBASE
56/58 - C.E., F.B.S.
59/61 - B.P.A., FBS
62 - HQ Adriatic Depot
63/72 - A.F.L.R.S., Rome Area Allied Command, C.M.F.
73 - Adv. C.C., No. 2 District
74 - Files
75/90 - Spares

2339

Declassified E.O. 12356 Section 3.3/NND No. 748019

LWL/ms

41

ALLIED FORCE HEADQUARTERS
Electrical Reconstruction Committee (Italy)
APO 512

22 January 45

Subject : Italian Electricity Situation
as of 22nd January 1945 (Central Italy)

To : ELETRIC POWER COMMITTEE, ALLIED FORCE LOCAL RESOURCES SECTION, R.A.A.C. - C.M.F.

1. The interconnection of the Electrical Systems of the Societa' Romana di Elettricita', Azienda Comunale Elettricita' ed Acque and "Terni" Societa' per l'Industria e l'Elettricita' have been completed and from 1st Feb. 1945 the whole of Central Italy, with the exception of the Leghorn Area, will be operated at 45 cycles.

2. A spare margin of capacity will be maintened on the system and it will now be possible to operate at the correct frequency and voltage.

3. The first of the Galleto Generating units comes into service during February.

W.M.LAPPER
Lt-Colonel
Elec.Reconstruction
Committee (Italy)

2338

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489.081 Ext.317

LWL/as

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

Ref. 17V /PWU

15 January 45.

46

Subject : Electric Reconstruction Committee.(Italy)

To : Flag Officer Western Italy
Att. Comdr. L.E. Hoggan R.N.

1. Attached is report on electrical situation Central Italy which was presented by A.C. at the meeting of the Committee held on 10 Dec. 44.

2. This pertains to paragraph ten of the minutes of the meeting dated 4 Jan. 45 which has already been forwarded.

L.W. LAUGHLIN
Major S.R.
Secretary
Elec.Recon.Com. Italy.

2337

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Cos Jeremy:

Note for your Reply

W. A.

Para. 3.

We do not agree that the present priority system needs revision; Military and essential Civilian needs are the proper Terms to use for the Supply of electricity for operational purposes; industry except part used by the military is operations in the field would not come within this Category. do not come

Finally, the Military allocation of electricity.

Para 4. It is of course not possible to give a list of all the conditions classed as essential Category. To attempt this would create difficulties and delays. Time of effective redress at present is fully occupied in the work of electrical reconstruction.

2336

para. 5. This of course is dealt along with the whole question

are the supply of electricity for
the supply industries except
purposes, and
part used by the military in the field
await the operations in the Cotentin.
do not come within this category.
Finally, the military decide the
allocation of electricity.

para 4. It is of course not possible to
give a list of all the commodities
classed as essential services
[illegible] Ports. To attempt this
job would mean
time offices also are at
present [illegible] fully occupied in the
[illegible] work of electrical
[illegible]
rehabilitation.

2336 planning

para 5. This of course is long
we have asked about the enemy
time: if we can prevent like
long term planning the are
know how to tackle the job. But
it must be remembered that so
far all our efforts have been
directed to winning the war, the
last the greatest challenge is
obtaining 40,000 tons for this
purpose

Declassified E.O. 12356 Section 3.3/NND No. 785019

para. 6. Any electrical plant arriving in this theatre will obviously be used for military purposes if at the time of arrival the military situation requires such assistance. In any case if the military use it forbids it will reduce their demand on the Post System by an equivalent amount.

para. 7. Assistance to the electrical Companies in Sicily will have to continue until per Fasbini is again established. Spare material may have to be imported. If permanent a plant ceases and spare material may be required from the mainland The matter is in the hands of the Italian Government with guidance by the Regional Commissioners.

para 8 Electricity Supply in Sicily is under the Italian Government under the guidance of the Regional Commissioners. There is a small military demand and the Electric Company still maintain the

by an experienced engineer.

para. 7. Assistance to the electrical Companies in Sicily will have to continue until per Fondi is again established. Some material may have to be imported, if for instance a breakdown of plant occurs and some material may be required from the mainland The matter is in the hands of the Italian Government with assistance by the Regional Commissioner.

para 8 Electricity Supply in Sicily is handled with by the Italian Government with assistance of the Regional Commissioner. There is a small military element and the Electric Company still maintain the Control which we did not. We are not aware of any difficulty in obtaining supply for industries.

para. 9. Original Capacity before the Capacity of the generating plant prior to the allied bombardment. last is prior to the war damage.

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

HC:mew

17

Answered 45

SUBJECT: Electric Power Rehabilitation Program

TO : Col. Jenny

1. This refers to your memorandum of 6 Dec, attaching a copy of the "Report on the Progress of Restoration of Electric Plants," undated.

2. There are a number of statements in the memorandum on which further clarification seems essential. These points are briefly discussed in the following paragraphs.

3. In para 4 of your covering memo, a distinction is made between "essential civilian needs" and "industrial rehabilitation". It is difficult to see why industrial rehabilitation, at least up to a certain point, is not also in the category of essential civilian needs. It is apparently on the basis of this distinction that the figures which accumulate to 30,500 KW for Southern Italy, and 315,000 KW for Central Italy have been arrived at. This question is therefore raised whether your present priority system could be revised to include some industrial rehabilitation among the needs which are met under the formula "essential civilian needs."

4. In this connection I would appreciate your providing a list of the "essential civilian needs" being met by the generating capacity which your report has existing at the end of December 1944.

5. In paragraph 5 of the covering memorandum, you refer to the credits which might be allocated to electrical rehabilitation. As you know, the present "joint programming" job, which is being done in accordance with my memorandum of 9 Dec 44, now includes no materials directly associated with electrical rehabilitation (although of course it does include the requirements of industries contributing to electrical rehabilitation). It seems to me, therefore, that your staff might appropriately do two things:

a) Make immediate plans for bringing to this country private survey engineers who could lay specific plans for the rebuilding of major hydroelectric generating plants, and work out the requirements from abroad in terms of specifications that can be met by particular companies.

b) Put in a "bid" against the presently available dollar exchange, for the purpose of making contracts for long-term electrical rehabilitation, if it is believed that such rehabilitation should come out of the small amount of foreign exchange available for the import of essential civil supplies over and above the military program.

2335

6. In your para 6, the following statement is made:

Declassified E.O. 12356 Section 3.3/NND No. 785019

2. There are a number of statements in the memorandum on which further clarification seems essential. These points are briefly discussed in the following paragraphs.

3. In para 4 of your covering memo, a distinction is made between "essential civilian needs" and "industrial rehabilitation". It is difficult to see why industrial rehabilitation, at least up to a certain point, is not also in the category of essential civilian needs. It is apparently on the basis of this distinction that the figures which accumulate to 38,500 KW for Southern Italy, and 91,000 KW for Central Italy have been arrived at. This question is therefore raised whether your present priority system could be revised to include some industrial rehabilitation among the needs which are met under the formula "essential civilian needs."

4. In this connection I would appreciate your providing a list of the "essential civilian needs" being met by the generating capacity which your report has existing at the end of December 1944.

5. In paragraph 5 of the covering memorandum, you refer to the credits which might be allocated to electrical rehabilitation. As you know, the present "joint programming" job, which is being done in accordance with my memorandum of 9 Dec 44, now includes no materials directly associated with electrical rehabilitation (although of course it does include the requirements of industries contributing to electrical rehabilitation). It seems to me, therefore, that your staff might appropriately do two things:

a) Make immediate plans for bringing to this country private survey engineers who could lay specific plans for the rebuilding of major hydroelectric generating plants, and work out the requirements from abroad in terms of specifications that can be met by particular companies.

b) Put in a "bid" against the presently available dollar exchange, for the purpose of making contracts for long-term electrical rehabilitation, if it is believed that such rehabilitation should come out of the small amount of foreign exchange available for the import of essential civil supplies over and above the military program.

2335

6. In your para 6, the following statement is made:

> "Nothing is included in our statement for the 40,000 KW. plants to be received from the U.S., assigned to Military uses, or the 5,000 KW. which may be obtained by FEA from the Russian orders placed in the U.S. Only the latter, if it arrives, can be used for civil purposes."

I don't understand what is meant by the last sentence. The whole of the 60,000 KW, as I understood it, was requisitioned through Civil Affairs channels to meet civilian demands. The fact that 40,000 KW was allocated to

Declassified E.O. 12356 Section 3.3/NND No. 785019

to military production does not mean that this amount of generating plant, when it arrives, must be used only for "military purposes"; it simply means that 40,000 KW was all that the Combined Chiefs of Staff would approve as falling within the formula of "preventing disease and unrest" -- in other words, the military formula is civilian supplies for which the military assumed responsibility. It would certainly be a great mistake to have worked so hard to get the 40,000 KW for Civil Affairs uses, and then to have the power generated with these mobile plants actually allocated for military uses when the plants arrive.

7. Referring now to the attachment to your memorandum, the mimeographed "Report on the Progress of Restoration of Electric Plants" the short statements on Sardinia and Sicily indicate that "the electric company will require assistance in connection with the supply of materials for repairs to plant until such time as free trading is established." Is any of this assistance to be in the form of imports? If it is, it should be made a part of the joint program now being worked on.

8. In the paragraph on Sicily, mention is made of a "ration control". Since AC Electrical Utility Officers were withdrawn in August, how are priorities for electricity produced in Sicily now set? How, in other words, do we assure that the military demands and the civil demands which we consider essential are met in preference to some non-essential demand for the same power? Or is there so much power in Sicily now that the priority question is not raised?

9. Finally, one small point of clarification. In the sections on Southern Italy and Central Italy, a reference is made to "original generating capacity." Is this a pre-war figure? If so, I will be interested to know what year was taken as the base or whether the figure given is an average of a number of pre-war years.

Harlan Cleveland

HARLAN CLEVELAND
Executive Director
Economic Section

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 320

LAJ/mc

HEADQUARTERS ALLIED COMMISSION
INTER OFFICE MEMO.

19.02
44

6 Dec. 44

REFERENCE : 171/PWU

SUBJECT : Electric Power Rehabilitation Program.

TO : Economic Section,
Industry Sub-Commission,
Commerce Sub-Commission,
Transportation Sub-Commission,
Agriculture Sub-Commission,
Finance Sub-Commission,
Labour Sub-Commission.

FROM : P.W.& U. Sub-Commission.

1. In connection with the rehabilitation program now being studied we hereby submit our program of restoration of electrical plant for Southern and Central Italy.

2. Sardinia and Sicily have approximately the pre-war capacities and are, therefore, not included in this program.

3. The capacities given in the attached statement are the installed capacities, or the capacities to be installed. It naturally is not possible to always receive the total output of a plant in accordance with its theoretical capacity and allowances must be made for "outages" when certain units are out of commission or a plant cannot run at full capacity.

4. I wish to call attention to the fact that the generating capacity existing at the end of December 1944 is used up at present by Military forces and essential civilian needs. Therefore, industrial rehabilitation can only count on the additional plant which we will be able to restore during the year 1945. We indicate what the total additional capacity

2334

45 refers

Declassified E.O. 12356 Section 3.3/NND No. 785019

will be at the end of January, March, October and December 1945. Thus, at various periods during the year 1945 repaired plants will be put into operation with a cumulative total of 38,500 KW. for Southern Italy and 315,000 KW. for Central Italy. These are the figures which should be used in connection with the industrial rehabilitation program unless, of course, the war should end at an earlier date and military requirements drop off considerably from which industrial rehabilitation would benefit accordingly.

5. After the rehabilitation program outlined above is completed, no further rehabilitation is possible and it will be necessary to completely rebuild plants listed in the attached statement as "totally destroyed", thus requiring new plant altogether. Plans should, therefore, be made during the first half of 1945 to order equipment for this new reconstruction in accordance with available foreign credits, because practically all of this plant will have to be imported. We indicate on the attached statement that, if orders were placed on or before July 1st, 1945 for the entire reconstruction of totally destroyed plants, they could not be in operation before January 1947. As this rehabilitation must be made in accordance with available credit allocated to electrical rehabilitation, orders can only be given accordingly and the total program, instead of being accomplished in 1 ½ year, may take five years or more to complete.

6. Nothing is included in our statement for the 40,000 KW. plants to be received from the U.S., assigned to Military uses, or the 5,000 KW. which may be obtained by F.E.A. from the Russian orders placed in the U.S. Only the latter, if it arrives, can be used for civil purposes.

L.A. JENNY,
Lt-Colonel, C.E.,
Director.

2333

Enclosure

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
PUBLIC WORKS AND UTILITIES SUB-COMMISSION
Electrical Division

REPORT ON THE PROGRESS
of
RESTORATION OF ELECTRICAL PLANT

(a) - Sardinia
(b) - Sicily
(c) - Italy (Southern)
(d) - Italy (Central)

SARDINIA

The electrical generating plant in Sardinia is capable of meeting the demand of the island. A.C. Electrical Utility Officers were withdrawn in July 1944.

The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free trading is established.

what assistance?

SICILY

Owing to age and lack of maintenance of the steam electrical generating plant in Sicily it is not possible to give the island a full supply of electricity, however a reasonable supply is available but a rationing control must be continued. A.C. Electrical Utility Officers were withdrawn in August 1944. The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free

what assistance?

Declassified E.O. 12356 Section 3.3/NND No. 785019

REPORT ON THE PROGRESS
of
RESTORATION OF ELECTRICAL PLANT

(a) - Sardinia
(b) - Sicily
(c) - Italy (Southern)
(d) - Italy (Central)

SARDINIA

The electrical generating plant in Sardinia is capable of meeting the demand of the island. A.C. Electrical Utility Officers were withdrawn in July 1944.

The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free trading is established.

What assistance?

SICILY

Owing to age and lack of maintenance of the steam electrical generating plant in Sicily it is not possible to give the island a full supply of electricity, however a reasonable supply is available but a rationing control must be continued. A.C. Electrical Utility Officers were withdrawn in August 1944. The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free trading is established.

What assistance?

Declassified E.O. 12356 Section 3.3/NND No. 785019

SOUTHERN ITALY

Particulars of Electrical Generating Plant in Southern Italy and programme of restoration assuming that orders, for replacement of the plant which is totally destroyed, are placed on 1st June 1945 and that the plant will be in operation by 1st January 1947.

- - -

Summary

	Kilowatts
(a) - Original (generating) capacity	425,240
(b) - Generating capacity at December 1944	188,600
(c) - Capacity of generating plant which can be repaired during 1945	38,500
(d) - Capacity of generating plant totally destroyed .	198,240

- - -

Estimated completion dates for repaired plant and installation of new plant

	Jan. 1945 KW	Mar. 1945 KW	Oct. 1945 KW	Dec. 1945 KW	Jan. 1947 KW
(a) Repaired plant	3,500	6,000	12,000	11,000	-
(b) New plant	-	-	-	-	198,240
(c) Total additional capacity	3,500	6,000	12,000	11,000	198,240
(d) Cumulative total additional capacity	3,500	15,500	27,500	38,500	236,740

(It is assumed that all transmission line work and sub-station plant will be restored during the restoration of the generating plant).

Declassified E.O. 12356 Section 3.3/NND No. 785019

CENTRAL ITALY

Particulars of electrical generating plant in Central Italy and programme of restoration assuming that orders for replacement of the plant which is totally destroyed are placed on 1st June 1945 and that the plant will be in operation by 1st January 1947.

- - -

Summary

	Kilowatts
(a) - Original generating capacity	905,900
(b) - Generating capacity December 1944	112,580
(c) - Capacity of generating plant which can be repaired during 1945	315,000
(d) - Capacity of generating plant totally destroyed	478,320

- - -

Estimated completion for repaired plants and installation of new plant

	Jan. 1945 KW	Mar. 1945 KW	Oct. 1945 KW	Dec. 1945 KW	Jan. 1947 KW
(a) Repaired plant	45,500	69,450	120,250	79,800	-
(b) New plant	-	-	-	-	478,320
(c) Total additional capacity	45,500	69,450	120,250	79,800	478,320
(d) Cumulative total additional capacity	45,500	114,950	235,200	315,000	793,320

(It is assumed that all transmission line work and sub-station plant will be restored during the restoration of the generating plant).

Declassified E.O. 12356 Section 3.3/NND No. 785019

43

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

Tel. 483081 -Extn.217

P.W. & U. S-C A.C.
Electrical Division

File: E.R.C.

16 January 1945

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The third meeting of the Electrical Reconstruction committee will be held, at 1400 hours on Monday 22nd January 1945, in Room 16 on the 8th Floor, A.C. Headquarters, Via Vittorio Veneto - Rome.

1. - Minutes of the second meeting, of the committee held on 18 December 1944.

2. - To consider any matter arising out of the meeting of the committee held on 18 December 1944.

3. - To receive a report from A.C. concerning the progress of electrical rehabilitation.

4. - To consider the membership of the committee.

5. - Any other business.

6. - Date and time of next meeting.

L.H. Laughlin
L.H. LAUGHLIN
Major S.R.
Secretary
Elec.Recon.Com.Italy.
2329

Distribution:

C.F. -A.F.H.Q.
A.C. - Electrical Division, P.W. & U. S-C
C.E. - Penbase Forward
C.R.S. - C.M.F.
C.E. - District No. 3
Flag Officer - R.N. Western Italy
D.T. - A.A.I.

Declassified E.O. 12356 Section 3.3/NND No. 785019

File: E.R.C. 16 January 1945

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The third meeting of the Electrical Reconstruction committee will be held, at 1400 hours on Monday 22nd January 1945, in Room 16 on the 8th Floor, A.C. Headquarters, Via Vittorio Veneto - Rome.

1. - Minutes of the second meeting, of the committee held on 18 December 1944.

2. - To consider any matter arising out of the meeting of the committee held on 18 December 1944.

3. - To receive a report from A.C. concerning the progress of electrical rehabilitation.

4. - To consider the membership of the committee.

5. - Any other business.

6. - Date and time of next meeting.

L.V. LAUGHLIN
Major S.R.
Secretary
Elec.Recon.Com.Italy.

2329

Distribution:

C.T.	-A.F.H.Q.
A.C.	- Electrical Division, P.T. & T. S-C
C.E.	- Penbase Forward
C.B.F.	- C.B.F.
C.E.	- District No. 8
Flag Officer	- R.N. Western Italy
D.T.	- A.A.I.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
9 JAN 1945 171

ALLIED FORCE HEADQUARTERS
ENGINEER SECTION
A.P.O. 512 U. S. ARMY

E-1675

42

JAN 6 1945

SUBJECT: Power Rehabilitation.

TO : Allied Commission, APO 394, U. S. Army.
(Attn: Public Works and Utilities Sub-Commission).

1. This Section has been advised that Lt. Colonel G. COOLEY, C.E., has been selected as a member of the Electrical Reconstruction Committee to represent PENBASE, with Major J. A. ROGERS, C.E., as alternate.

2. Request this be brought to the attention of the Secretary of the Electrical Reconstruction Committee.

For the Chief Engineer:

B. C. SNOW,
Colonel, CE,
Deputy Chief Engineer (A) AFHQ.

Lt Col Rapper

16751

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

RECEIVED
P.W. & U. S/C A.C.
8 JAN 1945 171

41

LRS. 215F/1

SUBJECT : Electrical Reconstruction Committee.
- Minutes.

TO : Public Works & Utilities
Sub-Commission, HQ AC.

Postal Address:
AFLRS, Rome Area Allied Command,
C.M.F.

Telephone: ROME 66275

8 January 1945.

Reference the minutes of the 2nd meeting of the Electrical Reconstruction Committee held on 18 Dec 44, just received in this office.

1. It is noted that although detachments of this Section are included on the distribution lists no copies are forwarded to this HQ.

2. Will you please arrange for 10 copies of Agenda and Minutes of future meetings to be forwarded to AFLRS, Rome Area Allied Command. This Section will then arrange any necessary distribution to detachments.

3. May the appropriate number of copies of the Agenda and Minutes of the 1st meeting and Agenda for 2nd meeting please be forwarded as soon as possible.

50 wfm

AB/rgf

S. J. B. LOUDEN,
Major, DAQMG,
for Chief's of Section,
A.F.L.R.S.

call major Louden
on return
2327

Tel.46[illegible]1 R E S T R I C T E D WL/ac

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

DRAFT

Reference : 158/[illegible]
Subject : Electricity Control - Central Italy

2 Jan. 45

To : DISTRIBUTION BELOW

1) - In the first phase of the electrical rehabilitation work in Central Italy it was inevitable that as each generating unit became available it would be immediately put into service and quickly become fully loaded. The result of this is that to-day we find ourselves with generating plant running overloaded and at low voltage and frequency.

2) - While this arrangement was satisfactory in fact advisable in the first phase by allowing electrical energy to be given to the greatest number of consumers all of very high priority with civilian demand being kept to the absolute minimum it is considered that a continuance of this type of operation now that more and larger generating units are becoming available can only lead to disaster should an emergency condition arise in the system.

3) - In order to secure a supply of electricity in which the voltage and frequency will be maintained at the specified amount and also to provide against the breakdown of the system in the event of an emergency condition arising the following arrangements are being put into force on Saturday 20th January 1945.

4) - (a) The electrical system of the :
"Terni" Società per l'Industria e l'Elettricità
Società Romana di Elettricità
Azienda Comunale Elettricità ed Acque
will be interconnected and the frequency of supply of this system will be maintained at 45 cycles for the present. (It is proposed to interconnect with the Società Unione Esercizi Elettrici "UNES", Società Elettrica Selt-Valdarno and the Società Meridionale di Elettricità systems at a later date).

(b) A sufficient spare margins of generating capacity will always be in operation in order to prevent a complete collapse of the system should a breakdown of the largest generating unit occur.

(c) A Master Control Centre will be established in the offices of the Società Romana d i Elettricità - V ia Poli N. 14 - Rome.

2326

5) - Dealing with the above, items 4(a) and 4(b) are self explanatory and the details are being worked out by the Electrical Division of the Public Works and

Declassified E.O. 12356 Section 3.3/NND No. 785019

To : DISTRIBUTION BELOW

1) - In the first phase of the electrical rehabilitation work in Central Italy it was inevitable that as each generating unit became available it would be immediately put into service and quickly become fully loaded. The result of this is that to-day we find ourselves with generating plant running overloaded and at low voltage and frequency.

2) - While this arrangement was satisfactory in fact advisable in the first phase by allowing electrical energy to be given to the greatest number of consumers all of very high priority with civilian demand being kept to the absolute minimum it is considered that a continuance of this type of operation now that more and larger generating units are becoming available can only lead to disaster should an emergency condition arise in the system.

3) - In order to secure a supply of electricity in which the voltage and frequency will be maintained at the specified amount and also to provide against the breakdown of the system in the event of an emergency condition arising the following arrangements are being put into force on Saturday 20th January 1945.

4) - (a) The electrical system of the :
"Terni" Società per l'Industria e l Elettricità
Società Romana di Elettricità
Azienda Comunale Elettricità ed Acque
will be interconnected and the frequency of supply of this system will be maintained at 45 cycles for the present. (It is proposed to interconnect with the Società Unione Esercizi Elettrici "UNES", Società Elettrica Salto-Valderno and the Società Meridionale di Elettricità systems at a later date).

(b) A sufficient spare margins of generating capacity will always be in operation in order to prevent a complete collapse of the system should a breakdown of the largest generating unit occur.

(c) A Master Control Centre will be established in the offices of the Società Romana d i Elettricità - V ia Poli N. 14 - Rome.

2326

5) - Dealing with the above, items 4(a) and 4(b) are self explanatory and the details are being worked out by the Electrical Division of the Public Works and

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Utilities Sub-Commission of Allied Commission in conjunction with the Italian Government and the electrical companies concerned.
Item 4(c) the Master Control Centre is extremely important since the success in the operation of the whole system depends entirely on the efficiency of the Master Control. The following is an outline of the arrangements being made.

(a) The Master Control Centre at Via Poli will be directly connected by telephone to each of the main centres of generation on the system.

(b) There will be two control engineers on duty at all times and each of the companies concerned are being asked to supply suitable men for this work. The control engineers while being employed by their respective companies will be directly responsible to a Chief Control Engineer to be appointed by the electrical companies. The Electrical Division of A.C. will maintain a supervisory control over all electrical operational work.

(c) The control engineer on duty will be responsible for the system operation, he will have complete control and under NO circumstances will any person be allowed to give orders to generating stations connected to the system which will interfere with the operation of the plant or system.
Instructions in connection with the operation of all switchgear on the high voltage system on that portion which will affect the operation of the generating stations are included in this.

(d) The Control Engineer will record each hour the output of electricity from each generating station on the system, loading of main transmission lines and interconnectors, enter all switching operations and abnormal occurences. A copy of the previous days log record will be delivered by hand each morning to the Chief Electrical Division A.C.

(e) Since by interconnecting the electrical systems and putting the control under one authority will greatly increase the efficiency of the system and give a better and more reliable supply, the danger from enemy action of the Master Control Centre an integral part of the system must not be overlooked. Arrangements are therefore being made for an emergency Control Centre situated at the office of the Electrical Division of A.C. so that the system operation can be taken over without interruption in case of emergency conditions arising.

(f) In the case of extreme emergency due to breakdown whereby the Control Engineer is unable to maintain the standard voltage and frequency he will give instructions for cutting off supplies and for the restoration after the emergency has passed.
In order that the high priority loads may be maintained during an emergency he will be supplied with a list of switches and their locations which may be opened during the period of the emergency. This list will be compiled by

Declassified E.O. 12356 Section 3.3/NND No. 785019

done to each of the main centres of generation on the system.

(b) There will be two control engineers on duty at all times and each of the companies concerned are being asked to supply suitable men for this work. The control engineers while being employed by their respective companies will be directly responsible to a Chief Control Engineer to be appointed by the electrical companies. The Electrical Division of A.C. will maintain a supervisory control over all electrical operational work.

(c) The control engineer on duty will be responsible for the system operation, he will have complete control and under NO circumstances will any person be allowed to give orders to generating stations connected to the system which will interfere with the operation of the plant or system. Instructions in connection with the operation of all switchgear on the high voltage system on that portion which will affect the operation of the generating stations are included in this.

(d) The Control Engineer will record each hour the output of electricity from each generating station on the system, loading of main transmission lines and interconnectors, enter all switching operations and abnormal occurrences. A copy of the previous days log record will be delivered by hand each morning to the Chief Electrical Division A.C.

(e) Since by interconnecting the electrical systems and putting the control under one authority will greatly increase the efficiency of the system and give a better and more reliable supply, the danger from enemy action of the Master Control Centre an integral part of the system must not be overlooked. Arrangements are therefore being made for an emergency Control Centre situated at the office of the Electrical Division of A.C. so that the system operation can be taken over without interruption in case of emergency conditions arising.

(f) In the case of extreme emergency due to breakdown whereby the Control Engineer is unable to maintain the standard voltage and frequency he will give instructions for cutting off supplies and for the restoration after the emergency has passed.
In order that the high priority loads may be maintained during the emergency he will be supplied with a list of switches and their locations which may be opened during the period of the emergency. This list will be compiled by

2327

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

the Electrical Division A.C. in conjunction with the Chief Engineer of the Area Districts and the CRE of RAAC.
To further safeguard against mistakes being made in cutting off supplies in emergency the switches at the power stations which control the circuits to be taken off will be marked thus :
(1) Red Label - First line emergency circuits
(2) Green Label - Second line emergency circuits.

Each of these labels will be issued, located and signed by the Chief Electrical Division of A.C.

6) - The allocation of all electrical energy is carried out by the Electrical Power Committee of the Allied Force Local Resources Board (Italy). This committee will be asked at the next meeting to be held on 22 January 1945 to review the consumers of electricity already made, and to see whether in the light of the new interconnection arrangement, whereby a more equal distribution of energy will be possible, there are any consumers of higher priority still on the waiting list and for which a supply should be made available.

To summarize

(a) - The electrical generating stations in the Terni, Rome and Tivoli areas will be connected together through the Grid System as from Saturday 20th Jan. 45.

(b) - This system will operate at 45 cycles.

(c) - The operation of the generating stations will be directed from a Master Control Room in Rome. The operation will be carried out by Italian Engineers with supervisory control by Electrical Division A.C.

(d) - Since stations operating in parallel are interdependent operational instructions will be given only by the control engineer.

(e) - A narrow margin of capacity will be maintained to meet unforseen contingencies and to allow of the correct voltage and frequency being maintained.

(f) - The Control Engineer will give instructions to cut off supplies to meet emergency conditions.

(g) - The Electric Power Committee of AF LRB(I) will be asked to review allocations already made for electrical energy.

(h) - At a date to be notified the Leghorn-Florence and eastern areas will be brought into the pooling scheme. Technical details in connection with frequency are being studied for these areas.

2324

E.E.LAPPAN

Declassified E.O. 12356 Section 3.3/NND No. 785019

(c) Green Label - Second line emergency circuits.

Each of these labels will be issued, located and signed by the Chief Electrical Division of A.C.

6) - The allocation of all electrical energy is carried out by the Electrical Power Committee of the Allied Force Local Resources Board (Italy). This committee will be asked at the next meeting to be held on 22 January 1945 to review the consumers of electricity already made, and to see whether in the light of the new interconnection arrangement whereby a more equal distribution of energy will be possible, there are any consumers of higher priority still on the waiting list and for which a supply should be made available.

In emergency

(a) - The electrical generating stations in the Terni, Rome and Tivoli areas will be connected together through the Grid System as from Saturday 20th Jan. 45.

(b) - This system will operate at 45 cycles.

(c) - The operation of the generating stations will be directed from a Master Control Room in Rome. The operation will be carried out by Italian Engineers with supervisory control by Electrical Division A.C.

(d) - Since stations operating in parallel are interdependent operational instructions will be given only by the control engineer.

(e) - A spare margin of capacity will be maintained to meet unforseen contingencies and to allow of the correct voltage and frequency being maintained.

(f) - The Control Engineer will give instructions to cut off supplies to meet emergency conditions.

(g) - The Electric Power Committee of AFLRB(I) will be asked to review allocations already made for electrical energy.

2324

(h) - At a date to be notified the Leghorn-Florence and eastern areas will be brought into the pooling scheme. Technical details in connection with frequency are being studied for these areas.

F.W.LAPPER
Lt.Colonel
Chief Elec.Div.

Declassified E.O. 12356 Section 3.3/NND No. 785019

D R A F T

letter which it is proposed to ask the Secretary of the Electric Power Committee to send to members prior to the meeting of the 22nd January 1945.

---

1) - Arrangements are in hand for the interconnection of the electrical systems of the Società Romana di Elettricità, Azienda Comunale Elettricità ed Acque and "Terni" Società per l'Industria e l'Elettricità. It is anticipated that this interconnection will be effected on Saturday 19th January 1945.

2) - The electricity distributed in these areas will be at 45 cycles and the pooling of generating facilities thus effected will allow of a different allocation of energy to that which has been made in the past.

3) - It is proposed therefore that at the next meeting of the Eletric Power Committee of the AFLR(I)B to be held on the 22nd January 1945 to revise the allocations of energy already made and to see whether a revised allocation is advisable in the light of the altered generating facilities.

2323

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. C.A.C.
2 JAN 1945 17

6 F 28

40

(Ltr, Hq Allied Commission, dated 23 December 44, Subject: "Draft Minutes Electrical Reconstruction Committee Meeting", Reference 171/PWU).

1st Ind.

Engineer Section, AFHQ, APO 512, U. S. Army, DEC 29 1944

TO: Headquarters Allied Commission, APO 394, U. S. Army.
(Attn: Public Works and Utilities Sub-Commission).

1. Transmitted herewith are two copies of draft of minutes of the meeting of the Electrical Reconstruction Committee held in ROME on 18 December 1944 and two copies of the suggested mailing list.

2. The minutes of the meeting and the suggested mailing list (edited with respect to PENBASE MAIN and PENBASE SOUTH) have been approved by the Chief Engineer, AFHQ, for publication and distribution by the Secretary of the Committee.

For the Chief Engineer:

R O Snow

B. C. SNOW,
Colonel, CE,
Deputy Chief Engineer, (A) AFHQ.

Inclosures as follows:

2 - copies draft minutes (1 copy w/d)
2 - copies mailing list (1 copy w/d)
(Copy Progress Report and Transmission Line Map w/d).

HEADQUARTERS
31 DEC 1944
A. C.

Ltr Col Snow
Dec 44

Minutes
and mailing
list mimeographed
and sent out
4 Jan 45

2322

Declassified E.O. 12356 Section 3.3/NND No. 785019

LWL/mm 40 A

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

Reference 171/PWU · 23 December 1944

Subject : Draft Minutes - Electrical Reconstruction Committee Meeting.

To : C.E. A.F.H.Q.

1. Transmitted herewith is draft minutes of meeting held 18 Dec.44 for consideration and approval prior to distribution.

2. Also suggested mailing list for approval.

3. A copy of the progress report and transmission line map, presented at the meeting, is enclosed for your files.

L.W. LAUGHLIN
Captain,
Secretary Reconstruction
Committee (Italy)

Enclosures :

3 - copies Draft minutes.
3 - copies mailing list.
1 - copy Nov. 44 plant progress report.
1 - copy transmission line map.

2327

DEC 26 1944

-/-

SECRET

DRAFT MINUTES

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

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

The second meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 18 Dec. 44, in Room 16 - 8th Floor A.C. hqtrs - Via Vittorio Veneto - Rome.

Present

C.E. - A.F.H.Q.	- Maj.Gen.D. McCOACH - Chairman
A.C.	- Lt.Col. W.M.LAPPER Chief Elec.Div., P.W. & U. S/C, A.C.
PENBASE ~~FORWARD~~ MAIN	- Lt.Col.G.COOLEY C.E. Adv. Eng.Off. P.B.S.
DISTRICT N. 3	- Maj.R.E.STEVENSON
M.R.S.	- Maj.J.C.KUBALE

8) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

9) - Matters arising from previous minutes

The Chairman stated that there appeared to be some misunderstanding regarding the procedure to be adopted in sending forward requisitions. He confirmed that requisitions for electrical plant would be submitted by Allied Commission in the usual way with proper justification, quite apart from military requisitions for plant required for operational purposes. The Committee agreed to this procedure .

10) - Report from A.C. and future planning

A report showing the generating plants in operation in Central Italy, generating plants under repair and estimated dates of completion was presented. Graphical data of generating plant and transmission line repairs was also presented. It was observed that the plant repairs compared favourably with the estimates.

A transmission line diagram showing the lines in operation and lines under repair was also presented and Lt.Col.Lapper explained that A.C. were at present arranging with the Italian Government and the electric power companies to standardize the frequency of supply as this would avoid duplication of transmission lines and allow greater security by pooling the generating facilities. A.C. hoped to arrange for a standard of 45 cycles as this could be used in the

Declassified E.O. 12356 Section 3.3/NND No. 785019

C.E. - A.F.H.Q.	-	Maj.Gen.D. McCOACH - Chairman
A.C.	-	Lt.Col. W.M.LAPPER Chief Elec.Div., P.W. & U. S/C, A.C.
PENBASE ~~FORWARD~~ MAIN	-	Lt.Col.G.COOLEY C.E. Adv. Eng.Off. P.B.S.
DISTRICT N. 3	-	Maj.R.E.STEVENSON
M.R.S.	-	Maj.J.C.KUBALE

8) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

9) - Matters arising from previous minutes

The Chairman stated that there appeared to be some misunderstanding regarding the procedure to be adopted in sending forward requisitions. He confirmed that requisitions for electrical plant would be submitted by Allied Commission in the usual way with proper justification, quite apart from military requisitions for plant required for operational purposes. The Committee agreed to this procedure .

10) - Report from A.C. and future planning

A report showing the generating plants in operation in Central Italy, generating plants under repair and estimated dates of completion was presented. Graphical data of generating plant and transmission line repairs was also presented. It was observed that the plant repairs compared favourably with the estimates.

A transmission line diagram showing the lines in operation and lines under repair was also presented and Lt.Col.Lapper explained that A.C. were at present arranging with the Italian Government and the electric power companies to standardize the frequency of supply as this would avoid duplication of transmission lines and allow greater security by pooling the generating facilities. A.C. hoped to arrange for a standard of 45 cycles as this could be used in the North 42 cycle area.

The M.R.S. Representative agreed that 45 cycles would be suitable for the state Railway Service. The Committee agreed that the standardization of frequency at 45 cycles was desireable.

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

11) - Transport and tyres for electrical Companies

A.C. stated the difficulties the Electrical Companies had in obtaining transport and that vehicles were out of service for want of tyres. Maj.Kubale stated that M.C.S. obtained transport from an A.M.G. Service. The Chairman explained the need for using to the utmost civilian transport and referred to the tyre shortage. The Committee considered that A.C. look into the possibility of obtaining transport from the same sources as M.C.S.

12) - Re port by A.A.I. on Generating Plant and CEB (England) equipment for Northern Italy

Lt.Col.Lapper explained that Lt.Col.Page had returned to U.K. to obtain emergency sub-station equipment for use in Northern Italy. A.A.I. had decided against ordering generating plant considering that the major problem would be transmission of energy from the undamaged plants to the centre of load. Accordingly they had formed the opinion that the Central Electrical Board (England) emergency sub-station equipment should be made available. A.A.I. also recommended that repairs be carried out on the Riccione and Cesano frequency changers by military personnel. The Committee agreed to these recommendations.

13) - Any other business

The M.R.S. Representative stated that they were ready to take 5000 KW of energy for railway services. A.C. explained that this would be available on 15th January 45 and that arrangements would be made to give 500 KW immediately for testing purposes. The Chairman stressed the importance of this supply and that A.C. arrange for continuity.

14) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B. This has been set for Monday 22 January 1945.

L.W.LAUGHLIN
Captain, S.R.
Secretary
Elec.Recon.Com.Italy

2319

Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION

Copy No.	
1	C.A.C., AFHQ
2/3	C-in-C Med.
4	Chief Commissioner, AC
5	G-4 (A), AFHQ
6	G-4 (B), AFHQ
7/8	G-5, AFHQ
9	Q (Maint), AFHQ
10	QM, Coal Section, AFHQ
11	C.E., AFHQ
12	D.C.E., AFHQ
13	D.W., AFHQ
14/15	DMR (ITALY), C.M.F.
16	Fiscal Director, AFHQ
17	Tn. Increment, C.M.F.
18	C.P.A., MTOUSA
19/23. → C.A.O. 15th Army group	~~C.A.O., HQ AAI~~
~~20/21~~	HQ, AAI
~~22/23~~	~~D.W., HA AAI~~
24	HQ, AC
25	Vice-President, Economic Section, HQ AC
26/27	Economic Section, HA AC
28	Industry Sub-Commission, HQ AC
29	Public Works and Utilities, HQ AC
30	C.S., TARANTO
31	S.U.S.N.O., ITALY
32	M.A.A.F. (A)
33	M.A.A.F. (B)
34/37	AAFSC/ MTO
38/39	HQ, No.1 District
40	C.E., No.1 District
41/42	HQ, No.2 District
43	C.E., No.2 District
44/45	HQ., No.3 District
46	C.E., No.3 District
47/51	C.G., RAAC
52	PENBAS E, Main
53	PENBASE, ~~Forward~~ SOUTH
54/56	~~C.E.~~, PBS
57/59	B.P.A., PBS
60	HQ Adriatic Depot.
61/62	L.R.S., HQ AAI
63/64	AFLRS, NAPLES Area
65/66	AFLRS. (S.E.) Area
67/68	AFLRS. 5 ARMY Detachment
69	AFLRS. 8 ARMY Detachment) through 2313
70	AFLRS, LEHORN Detachment) L.R.S., HQ AAI
71	Adv. C.E., No.2 District
72	File
73/83	Spares

Penbase Main to the Forward Hqrs.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489081 S E C R E T VSR/lam

39

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

Reference: 171/PWU 26 Dec. 1944

Subject: Discussion of Report, Engineer Appreciation of Electricity Supply, North Italy.

To : CE, AFHQ

In accordance with your telephone instruction to Lt.Col. W.M. Lapper, the following comments are submitted in connection with the recommendations included in the report entitled Engineer Appreciation of Electricity Supply, North Italy prepared by the A.D.W. (E. & M) of AAI.

(32) - It is agreed that present indications are that the North Italy supply will be largely dependent upon the state high voltage transmission lines. To that end, information has been and will continue to be collected, studied and disseminated by the Allied Commission, in order that the detailed plan, mentioned in paragraph 32, may be prepared and carried out..

(33) - The existance of the portable subatation equipment in the U.K. was reported by Lt.Col. Lapper after his recent visit there and we have vigorously advocated that the equipment be brought to Italy.

(34) - It is agreed that crews to erect the portable substation equipment should be trained, as they were by the CEB in England, and that they should be military rather than civilian personnel.

(35) - It is not believed advisable at this time to decide definitely upon the location for the 25,000 KW, 50 cycle floating power plant as this may depend upon operational developments. Genoa would be one logical place owing to port facilities and also being the center of an important but relatively small 50 cycle area.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Reference: 171/PWU

26 Dec. 1944

Subject: Discussion of Report, Engineer Appreciation of Electricity Supply, North Italy.

To : CE, AFHQ

In accordance with your telephone instruction to Lt.Col. W.M. Lapper, the following comments are submitted in connection with the recommendations included in the report entitled Engineer Appreciation of Electricity Supply, North Italy prepared by the A.D.W. (E. & M) of AAI.

(32) - It is agreed that present indications are that the North Italy supply will be largely dependent upon the state high voltage transmission lines. To that end, information has been and will continue to be collected, studied and disseminated by the Allied Commission, in order that the detailed plan, mentioned in paragraph 32, may be prepared and carried out..

(33) - The existance of the portable substation equipment in the U.K. was reported by Lt.Col. Lapper after his recent visit there and we have vigorously advocated that the equipment be brought to Italy.

(34) - It is agreed that crews to erect the portable substation equipment should be trained, as they were by the CEB in England, and that they should be military rather than civilian personnel.

(35) - It is not believed advisable at this time to decide definitely upon the location for the 25,000 kw, 50 cycle floating power plant as this may depend upon operational developments. Genoa would be one logical place owing to port facilities and also being the center of an important but relatively small 50 cycle area.

2/13

Declassified E.O. 12356 Section 3.3/NND No. 785019

(36) - It is believed impossible to order a 30,000 KW floating unit operating at 42 cycles for April - May delivery. The original units were designed for 30,000 KW and have already been altered to 50 cycles operation for use in the French area. This change in frequency caused a reduction in output from 30,000 KW to 25,000 KW any further reduction in frequency of these units will cause a corresponding decrease in capacity. Moreover, to make this change a considerable amount of work would have to be done with a consequent delay in delivery.

(37) - Details of voltages and frequencies have already been tabulated and circulated to interested services.

(38) - It is agreed that the fullest possible data concerning important electric transmission line should be obtained and this is being done in conjunction with the other services.

(12) - Reference Item 12 of the Report.
This is an important Item and embraces both the military and civilian requirements, and the plant already in the theatre or expected shortly are reviewed be low:

(a) Penbase have eighteen diesel driven portable units. Each unit is of 400 KW capacity (at 50 cycles) and is suitable for 42, 45 or 50 cycle operation.

(b) A.C. have on order 15,000 KW of portable steam driven units as follows:

1	2,000 KW unit
1	3,000 KW unit
1	4,000 KW unit
1	6,000 KW unit

Each of these units are made up of 1,000 KW steam turbines which are so arranged to operate as complete units. They are complete with oil fired boilers and are expected in this theatre by March 1945. All 50 cycle units.

(c) A.C. have on order one floating power station which will be complete in itself and ready to connect direct to the high voltage system. This plant was originally designed for 60 cycles and has been altered to operate at 50 cycles.

Declassified E.O. 12356 Section 3.3/NND No. 785019

(d) Items (b) and (c) although ordered by A.C. have since been accepted as a military requirement.

(e) The total capacity of portable plant is as follows:

	Number of Units	Capacity in Kilowatts
Now in this theatre (Diesel Sets)	18	7,200
Expected by 1 March 1945 (Steam Sets)	4	15,000
Expected by 1 April 1945 (Floating plant)	1	25,000
Total Portable Plant	23	47,200

In addition to the above, information has recently been received that further portable plants in the form of rail mounted sets and diesel plant are available in U.K. This information has been forwarded to D.W. AAI with a suggestion that Lt.Colonel Page now in U.K. be requested to examine them and bring back technical particulars. It is understood however that the first of these plants cannot be made available until June 1945.

To summarize therefore.

a. By 1st April 1945, there will be 47,200 KW of portable plan made up of 23 units and hence usable in 23 separate locations.

b. It is believed that due to the unavailability of further portable plants, the units mentioned above will of necessity have to meet the emergency power requirements until such time as the existing generating and transmission facilities can be repaired. A close liaison is being maintained with SNAEF in order to learn whether any plant intended for France may be diverted to this theatre.

Declassified E.O. 12356 section 3.3/NND No. 785019

(c) - The additional plants which cannot reach Italy before June 1945 should be considered as a civilian requirements.

(d) - Although there are areas of different frequency in Italy the small capacity portable plants will be operating in their own separate localities isolated from the transmission grid and the question of frequency therefore will not arise. In the case of the floating power plant this unit is designed for 50 cycle operation and for best results should be connected to a 50 cycle system or used with frequency changers.

W.M. Lapper
Lieut-Colonel
Member of Electrical
Reconstruction Committee.

231

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 320

LAJ/ce

HEADQUARTERS ALLIED COMMISSION
APO 394

Economic Section.

171/PWU. 21 Dec. 44

SUBJECT: A.C. Membership on Electrical Reconstruction Committee.

TO : Acting Adjutant General A.F.H.Q.
APO. 512.

1. Ref. ADMINISTRATIVE MEMORANDUM NUMBER 58, 12 December 1944, Paragraph 2 - b - 1.

2. The A.C. representative to serve on the Electrical Reconstruction Committee will be Lt.Col. W.M. Lapper.

For the Chief Commissioner:

L.D. DENSMORE
Colonel,
Acting Dep.Chief of Staff
Economic Section.

Declassified E.O. 12356 Section 3.3/NND No. 785019

File

HEADQUARTERS ALLIED COMMISSION
Public Works and Utilities Sub-Commission
A.P.O. 394

Tel. 489081
Ext 317

WML/ec

37

19 Dec. 44

Reference : 171/PWU
Subject : Electric Power Committee AFLRS Italy

To : C.E. - A.F.H.Q.

1) - Attached copy of report submitted to Electric Power Committee A.F.L.R.S. Italy for information.

W.M. LAPPER
Lt.-Colonel
Chief Elec.Div.

1 enclosure

2317

16261

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext 317

WML/ac

36

M E M O R A N D U M

18 Dec. 44

Reference : 171/PWU
Subject : Electricity (Report for Press)

To : DIRECTOR PUBLIC WORKS & UTILITIES S/C

From : Electrical Division

1) - In order that there shall be no misunderstanding regarding the availability of eletrical energy throughout Italy it is considered that a statement on the following lines should be sent to the Italian Press so as to refute the erroneous statements already made.

2) - Approximated 93% of the generating facilities in Central Italy were destroyed.

3) - Every effort is being made to restore plants and due to the good cooperation existing between the Ministry of Public Works, the Electrical Companies and the Allies good progress is being made in the restoration of the plants which are not completely destroyed.

4) - It is anticipated that approx 30% of the damaged plants will be restored to service by June 1945.

5) - All the main generating stations are connected together through a Grid System, and townships requiring energy take their supply from the Grid System.

6) - As the major portion of the energy is required for:
(a) military requirements
(b) essential civilian services
what is left is directed to the starting up of industries which are needed in order to restore normal conditions in Italy.

7) - The allocation of the energy is done by a Committee of the Local Resources Board, but that amount handed over for civilian use is discussed by A.C. with the Italian Government as to its best use.

8) - It will be clear from the above that until the Electric Railways factories, workshops and the many other industries essential to the life of the community have been restored consideration cannot be given to the less essential demands such as "more electricity for Rome" and it would be wrong and unfortunate if the war effort and the rehabilitation of Italy were allowed to suffer due to electricity being used in the less essential services.

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Finally therefore it is most unlikely that any further electricity will be available for the less essential services untile June 1945 at the very earliest and even this date should be treated with reservation.

W.M.LAPPER
Lt-Colonel
Chief Elec.Div.

COPY

RESTRICTED

DCK/ar
/ca

ALLIED FORCE HEADQUARTERS
APO 512

ADMINISTRATIVE MEMORANDUM)
NUMBER 38

12 December 1944

POWER REHABILITATION

AFHQ Administrative Memorandum Number 43, 1944, is rescinded and the following substituted therefor:

1. The function of power rehabilitation having been transferred to control of AFHQ the following will govern:

2. a. The Chief Engineer, AFHQ, will

(1) Exercise staff supervision of power rehabilitation activities

(2) Recommend rehabilitation policies

(3) Coordinate power rehabilitation activities of the various agencies concerned.

b. Electrical Reconstruction Committee.

(1) The Central Electrical Board, Italy, is dissolved. There is hereby created an Electrical Reconstruction Committee (Italy), with membership as follows:

Chief Engineer AFHQ (Chairman)

Representatives of: AC, AAI, PBS, District No.3, MRS (Italy), and RN.

It is requested that AC, AAI, PBS, District No.3, MRS (Italy) and RN advise AFHQ of representatives selected for membership.

(2) The Electrical Reconstruction Committee will:

(a) Meet at the call of the Chairman.

(b) Recommend studies for determining power requirements as may be required.

(c) Recommend study of and preparation of plans for power rehabilitation as may be required.

2309

(d) Review AC plans for power rehabilitation, correlating them with the requirements and make recommendations as to extent and nature of rehabilitation.

(e) Recommend designation of agency to perform

Declassified E.O. 12356 Section 3.3/NND No. 785019

1. The function of power rehabilitation having been transferred to control of AFHQ the following will govern:

2. a. The Chief Engineer, AFHQ, will

(1) Exercise staff supervision of power rehabilitation activities

(2) Recommend rehabilitation policies

(3) Coordinate power rehabilitation activities of the various agencies concerned.

b. Electrical Reconstruction Committee.

(1) The Central Electrical Board, Italy, is dissolved. There is hereby created an Electrical Reconstruction Committee (Italy), with membership as follows:

Chief Engineer AFHQ (Chairman)

Representatives of: AC, AAI, PBS, District No.3, MRS (Italy), and RN.

It is requested that AC, AAI, PBS, District No.3, MRS (Italy) and RN advise AFHQ of representatives selected for membership.

(2) The Electrical Reconstruction Committee will:

(a) Meet at the call of the Chairman.

(b) Recommend studies for determining power requirements as may be required.

(c) Recommend study of and preparation of plans for power rehabilitation as may be required.

2309

(d) Review AC plans for power rehabilitation, correlating them with the requirements and make recommendations as to extent and nature of rehabilitation.

(e) Recommend designation of agency to perform specific construction work of rehabilitation, when necessary.

(f) Make such other recommendations regarding power rehabilitation as it deems necessary.

c. The AC will:

RESTRICTED

Declassified E.O. 12356 Section 3.3/NND No. 784019

(cont'd)

(1) Furnish Secretariat for the Electrical Reconstruction Committee

(2) Be responsible for planning power rehabilitation throughout Italy

(3) Maintain liaison with AAI and keep informed as to existence and condition of power plants and probable rehabilitation needs in operational areas

(4) Ascertain power requirements from AAI, PBS, Districts (Br.) and other sources

(5) Submit plans for rehabilitation to the Chief Engineer for consideration and approval of the Electrical Reconstruction Committee

(6) Using Italian labor and local materials, direct, administer and supervise construction work of rehabilitation and operate the power systems except these projects specifically assigned other agencies by AFHQ and except as provided in Paragraphs 2d (2) and 2e (1)

(7) Will issue all orders necessary to implement the program to Italian Power Companies or other civilian agencies

(8) Keep the Chief Engineer, AFHQ, advised of its activities.

d. AAI will:

(1) Cooperate with AC in determining existence and condition of power plants and probable rehabilitation needs in the operational area

(2) Insofar as practicable initiate, construct and operate such power installations within the operational areas as it considers necessary, coordinating with plans of AC

(3) Advise the Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

e. MRS (Italy), PBS, and Districts (Br) under command AFHQ will:

(1) Initiate, construct and operate such power installations as are required locally for their own activities

(2) Undertake such general power rehabilitation projects as may be specifically assigned by AFHQ

(3) Cooperate with AC and AAI and render them such aid and assistance as is practicable within available means and without detriment to their own operations

(4) Advise the Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

Declassified E.O. 12356 Section 3.3/NND No. 785019

(5) Submit plans for rehabilitation to the Chief Engineer for consideration and approval of the Electrical Reconstruction Committee

(6) Using Italian labor and local materials, direct, administer and supervise construction work of rehabilitation and operate the power systems except these projects specifically assigned other agencies by AFHQ and except as provided in Paragraphs 2d (2) and 2e (1)

(7) Will issue all orders necessary to implement the program to Italian Power Companies or other civilian agencies

(8) Keep the Chief Engineer, AFHQ, advised of its activities.

d. AAI will:

(1) Cooperate with AC in determining existence and condition of power plants and probable rehabilitation needs in the operational area

(2) Insofar as practicable initiate, construct and operate such power installations within the operational areas as it considers necessary, coordinating with plans of AC

(3) Advise the Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

e. MRS (Italy), PBS, and Districts (Br) under command AFHQ will:

(1) Initiate, construct and operate such power installations as are required locally for their own activities

(2) Undertake such general power rehabilitation projects as may be specifically assigned by AFHQ

(3) Cooperate with AC and AAI and render them such aid and assistance as is practicable within available means and without detriment to their own operations

(4) Advise the Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

3. Orders to implement plans will be issued through normal staff channels in respect to work for which military agencies are to be responsible.

4. The agencies mentioned above will furnish the required personnel from their own allotments.

By command of Field Marshal ALEXANDER. (sgd.C.W.CHRISTENBERRY)
C.W. CHRISTENBERRY,
Colonel, AGD,
Acting Adjutant Gener

DISTRIBUTION:
"G"

RESTRICTED

Declassified E.O. 12356 Section 3.3/NND No. 785019

LWL/ss

34

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

Reference 23 December 1944

Subject : Draft Minutes - Electrical Reconstruction Committee Meeting.

To : C.M. A.F.H.Q.

1. Transmitted herewith is draft minutes of meeting held 18 Dec.44 for consideration and approval prior to distribution.

2. Also suggested mailing list for approval.

3. A copy of the progress report and transmission line map, presented at the meeting, is enclosed for your files.

L.W. LAWRENCE
Captain,
Secretary Reconstruction
Committee (Italy)

Enclosures :

3 - copies Draft minutes.
3 - copies mailing list.
1 - copy Nov. 44 plant progress report.
1 - copy transmission line map.

2307

Declassified E.O. 12356 Section 3.3/NND No. 785019

DRAFT MINUTES

1.

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

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

The second meeting of the Electrical Reconstruction Committee (Italy) was held at 1400 hours on Monday 18 Dec. 44, in Room 16 - 8th Floor A.C. hqtrs - Via Vittorio Veneto - Rome.

Present

C.E. - A.F.H.Q.	- Maj.Gen.D. McCOACH - Chairman
A.C.	- Lt.Col. T.M.LAPPER Chief Elec.Div., P.T. & U. S/C, A.C.
FORWARD	- Lt.Col.G.COOLEY C.E. Adv. Eng.Off. F.B.H.
DISTRICT N. 6	- Maj.R.F.STEVENSON
N.R.S.	- Maj.J.C.KUBALE

8) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

9) - Matters arising from previous minutes

The Chairman stated that there appeared to be some misunderstanding regarding the procedure to be adopted in sending forward requisitions. He confirmed that requisitions for electrical plant would be submitted by Allied Commission in the usual way with proper justification, quite apart from military requisitions for plant required for operational purposes. The Committee agreed to this procedure .

10) - Report from A.C. and future planning

A report showing the generating plants in operation in Central Italy generating plants under repair and estimated dates of completion was presented. Graphical data of generating plant and transmission line repairs was also presented. It was observed that the plant repairs compared favourably with the estimates.

A transmission line diagram showing the lines in operation and lines under repair was also presented and Lt.Col.Lapper explained that A.C. were at present arranging with the Italian Government and the electric power companies to standardize the frequency of supply as this would avoid duplication of transmission lines and allow greater security by pooling the generating facilities. A.C. hoped to arrange for a standard of 45 cycles as this could be used in the North 42 cycle area.

The N.C.S. Representative agreed that 45 cycles would be suitable

Declassified E.O. 12356 Section 3.3/NND No. 785019

C.E. - A.F.H.Q. - Maj.Gen.D. McCOACH - Chairman
A.C. - Lt.Col. F.E.LAPPER
Chief Elec.Div., P.W. & U. S/C, A.C.
FURLESE FORWARD - Lt.Col.G.COOLEY
C.E. Adv. Eng.Off. F.B.C.

DISTRICT H. 8 - Maj.R.A.E.STEVENSON

M.G.S. - Maj.J.C.KUDALE

8) - Minutes of previous meeting

The minutes of the previous meeting were agreed.

9) - Matters arising from previous minutes

The Chairman stated that there appeared to be some misunderstanding regarding the procedure to be adopted in sending forward requisitions. He confirmed that requisitions for electrical plant would be submitted by Allied Commission in the usual way with proper justification, quite apart from military requisitions for plant required for operational purposes. The Committee agreed to this procedure .

10) - Report from A.C. and future planning

A report showing the generating plants in operation in Central Italy generating plants under repair and estimated dates of completion was presented. Graphical data of generating plant and transmission line repairs was also presented. It was observed that the plant repairs compared favourably with the estimates.

A transmission line diagram showing the lines in operation and lines under repair was also presented and Lt.Col.Lapper explained that A.C. were at present arranging with the Italian Government and the electric power companies to standardize the frequency of supply as this would avoid duplication of transmission lines and allow greater security by pooling the generating facilities. A.C. hoped to arrange for a standard of 45 cycles as this could be used in the North 42 cycle area.

The M.G.S. Representative agreed that 45 cycles would be suitable for the state Railway Service. The Committee agreed that the standarduzation of frequency at 45 cycles was desireable.

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

11) - Transport and tyres for electrical Companies

A.C. stated the difficulties the Electrical Companies had in obtaining transport and that vehicles were out of service for want of tyres. Maj. Kubale stated that M.C.S. obtained transport from an A.M.C. Service. The Chairman explained the need for using to the utmost civilian transport and referred to the tyre shortage. The Committee considered that A.C. look into the possibility of obtaining transport from the same source as M.C.S.

12) - Report by A.A.I. on Generating Plant and CEB (England) equipment for Northern Italy

Lt.Col.Lapper explained that Lt.Col.Page had returned to U.K. to obtain emergency sub-station equipment for use in Northern Italy A.A.I. had decided against ordering generating plant considering that the major problem would be transmission of energy from the undamaged plants to the centre of load. Accordingly they had formed the opinion that the Central Electrical Board (England) emergency sub-station equipment should be made available. A.A.I. also recommended that repairs be carried out on the Riccione and Cesano frequency changers by military personnel. The Committee agreed to these recommendations.

13) - Any other business

The M.R.S. Representative stated that they were ready to take 5000 KW of energy for railway services. A.C. explained that this would be available on 15th January 45 and that arrangements would be made to give 500 KW immediately for testing purposes. The Chairman stressed the importance of this supply and that A.C. arrange for continuity.

14) - Date and time of next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B. This has been set for Monday 22 January 1945.

L.W.LAUGHLIN
Captain, R.E.
Secretary
Elec.Recon.Com.Italy

2305

Declassified E.O. 12356 Section 3.3/NND No. 785019

DISTRIBUTION

Copy No.	
1	C.A.C., AFHQ
2/3	C-in-C Med.
4	Chief Commissioner, AC
5	G-4 (A), AFHQ
6	G-4 (B), AFHQ
7/8	G-5, AFHQ
9	Q (Maint), AFHQ
10	QM, Coal Section, AFHQ
11	C.E., AFHQ
12	D.C.E., AFHQ
13	D.W., AFHQ
14/15	DSR (ITALY), C.M.F.
16	Fiscal Director, AFHQ
17	Tn. Increment, C.M.F.
18	G.P.A., MTOUSA
19	C.A.C., HQ AAI
20/21	HQ, AAI
22/23	D.W., HA AAI
24	HQ, AC
25	Vice-President, Economic Section, HQ AC
26/27	Economic Section, HA AC
28	Industry Sub-Commission, HQ AC
29	Public Works and Utilities, HQ AC
30	C.S., TARANTO
31	S.U.S.M.O., ITALY
32	M.A.A.F. (A)
33	M.A.A.F. (B)
34/37	AAFSC/ MTO
38/39	HQ, No.1 District
40	C.E., No.1 District
41/42	HQ, No.2 District
43	C.E., No.2 District
44/45	HQ., No.3 District
46	C.E., No.3 District
57/51	C.C., RAAC
52	PENBAS E. Main
53	PENBASE, Forward
54/56	C.E., PBS
57/59	B.P.A., PBS
60	HQ Adriatic Depot.
61/62	L.R.S., HQ AAI
63/64	AFLRS, NAPLES Area
65/66	AFLRS. (S.E.) Area
67/68	AFLRS, 5 ARMY Detachment
69	AFLRS, 8 ARMY Detachment) through
70	AFLRS, LEGHORN Detachment) L.R.S., HQ AAI
71	Adv. C.E., No.2 District
72	File
73/83	Spares

230

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED [redacted] COMMISSION

INTER-OFFICE MEMORANDUM

19.02/ES

LDD, cs

SUBJECT: Adm. Memo No. 58

FILE No. 19.02/ES

TO , PUB WKS & UTIL S/C

19 December 1944

1. Reference attached Adm Memo No. 58, your attention is called to para 2. b. (1) wherein it is requested that AC advise AFHQ of representative selected for membership. Please select representative and prepare notice to AFHQ for signature of Acting Deputy Chief of Staff, Economic Section.

L. D. PENSMORE
Colonel, F A
ADCOS, E/S

Incl - Adm Memo #58

RECEIVED
P.W. & U. S/C A.C
20 DEC 1944 171

2303

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext 317

WML/ac

32

M E M O R A N D U M

Reference : 171/PWU
Subject : Electricity (Report for Press)

18 Dec. 44

To : DIRECTOR PUBLIC WORKS & UTILITIES S/C

From : Electrical Division

1) - In order that there shall be no misunderstanding regarding the availability of eletrical energy throughout Italy it is considered that a statement on the following lines should be sent to the Italian Press so as to refute the erroneous statements already made.

2) - Approximated 93% of the generating facilities in Central Italy were destroyed.

3) - Every effort is being made to restore plants and due to the good cooperation existing between the Ministry of Public Works, the Electrical Companies and the Allies good progress is being made in the restoration of the plants which are not completely destroyed.

4) - It is anticipated that approx 30% of the damaged plants will be restored to service by June 1945.

5) - All the main generating stations are connected together through a Gris System, and townships re uiring energy take their supply from the Grid System.

6) - As the major portion of the energy is re uired for:
(a) military re uirements
(b) essential civilian services
what is left is directed to the starting up of industries which are needed in order to restore normal conditions in Italy.

7) - The allocation of the energy is done by the Committee of the Local Resources Board, but that amount handed over for civilian use is discussed by A.C. with the Italian Government as to its best use.

8) - It will be clear from the above that until the Electric Railways factories, workshops and the many other industries essential to the life of the community have been restored consideration cannot be given to the less essential demands such as "more electricity for Rome" and it would be wrong and unportunate if the war effort and the rehabilitation of Italy were allowed to suffer due to electricity being used in the less essential services.

./.

Finally therefore it is most unlikely that any further electricity will be available for the less essential services until June 1945 at the very earliest and even this date should be treated with reservation.

W.M.LAPPER
Lt-Colonel
Chief Elec.Div.

2301

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489061
Ext. 320

31

LAJ/ce

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

171/PWU. 16 Dec. 44

SUBJECT: Electric Plant Reconstruction.

TO : His Excellency Meuccio Ruini,
Minister of Public Works.

1. I am attaching hereto a communication which was sent to the Allied Commission by a Mr. F. Giannini, making certain suggestions and recommendations as to what should be done in the rehabilitation of electric plants, including their financing.

2. This communication also mentions the reorganisation of the Istituto di Credito per le Imprese di Pubblica Utilità. I had the pleasure of a visit from Mr. Tarchiani, former Minister of Public Works and now the head of this Istituto and I showed him this correspondence. I suggested to him that it might be of interest to Italy to have some of the reconstruction financed through Government credit during the early days and through private credit arranged by this Istituto, as soon as possible. Mr. Tarchiani will, no doubt, discuss this matter with you some time in the near future.

3. Will you be so good as to acknowledge receipt of the letter to Mr. Giannini. As this is a matter of consideration by your Ministry and not of this Sub-Commission, we believe that the above procedure in sending it to you and asking you to acknowledge receipt is probably the most satisfactory way of handling such communications, some of which will, no doubt, have material of interest to you.

L.A. JENNY 2304
Lt-Colonel, C.E.,
Director.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Lt Col Rapp w/o Encl

Letter from Grannis to Lentolemi
sent to the Ambassador for consideration.

Translation returned for your
information & file.

Capt Erdos

16/12

Declassified E.O. 12356 Section 3.3/NND No. 785019

(Translation)

19, Via S. Basilio
Roma (5)
Tel 484-103
Rome, December 11th 1944

My Dear Antolini,

I send you a short memorandum of our metting of last Saturday about the Hydro-electric industry, tomorrow I will send you a report about the railways.

I have already forwarded a memorandum about the reconstruction of destroyed towns.

It is possible to restore Italy to life by means of houses, electric energy, railways and industrial manchinery, on which subject I will send a fourth memorandum.

I take the liberty of adding that the plans proposed by me are exclusively based on judgement of an economic nature and, therefore, able to assure certain and profitable transactions to manufacturers and financiers.

Yours Truly,

Gianini

Mr. A.G. Antolini
Vice President of the Allied Commission.

2299

Declassified E.O. 12356 Section 3.3/NND No. 785019

Hydro-electric Industry

1) Financial organisations of the United States of America, granted between 1926 and 1930, loans to Italian companies for production and supply of electricity; this enabled them to double between 1926 and 1930 the production of electricity from 6.5 ~~millions~~ billions of KWH per year to 13 millions billions.

Such loans were all issued in New York, but one part of the bonds were sold in Switzerland, where the three electric holdings are interested as shareholders in the most important Italian Companies, in Holland, and also, in a lesser degree, in Canada and England.

2) The most part of loans ($ 62 million) was granted by Blair & Co., who financed the hydro-electric Company of Piemante (Piemonte), the Lombarda Co. (Piemonte and Lombardia), the Adriatica Co. (Veneto), the Meridionale Co. (from Lazio as far as Calabria included) and, through the credit - establishment for Utilities Companies in Rome, the Ligure Toscana Co., Valdarno Co. and Electricity and Gas Co. of Rome (Toscana and Lazio).

The plants were tested and estimated by Stone and Webster Co. of Boston and the Administrative and book-keeping situation of the companies by British or Swiss Trust Companies (organisations)

In addition to the loans from the Blair Co., only 3 other loans were issued: one from Morgan ($ 10 million) for Edison Co. (Lombardia and Liguria), one from Harriman for Terni Co. ($ 12 million), one from Rollins for Isarco ($ 5 million) (Bolzano).

3) At present, it is required.

a) To reorganise the (Istituto di Credito) Credit Establishment for the Utilities Companies in order to be able to examine

2295

Declassified E.O. 12356 Section 3.3/NND No. 785019

the last annuities still due to the American bearers .
The loan of the Establishment falls due on 1952.

b) To examine, working with the (Istituto dei Cambi) Stock-Exchange; the situation of the other loans negotiated in addition to those of the Establishment, and that fall due between 1952 and 1960

c) To draw up, in the meantine, the plans for a new issue of bonds in the United States and in Switzerland, to be started as soon as possible, in order to rehabilitate the plants in Central and Southern Italy- such issue should be inclusive of the payments still due for the loans granted to the Companies of the two above mentioned areas between 1926 and 1931, and would make it possible to order in America and Switzerland the destroyed machinery of the most urgently needed plants and in America the material required to make in Italy the machinery considered less urgent -

d) To ask to Italy, as soon as possible, one or two experts from Stone and Webster Co., one expert from Indelec Co. and another one from Columbus Co., Baden (Zurigo) Zurich not in Zurich, but capital of Baden Canton

At the same time, we could issue in Italy bonds in Lire for work of reconstruction of dams, channels, buildings.

We should extend on behalf of the new American and Swiss trustees the mortgages of first degree already recorded in the name of the American trustees of the already granted loans.

2297

Rome - 11 December 1944

~~Riservato~~

INDUSTRIA IDROELETTRICA

1. Organizzazioni finanziarie degli Stati Uniti d'America concessero, fra il 1926 ed il 1930, dei prestiti alle società italiane produttrici e distributrici di elettricità. Ciò permise di raddoppiare, fra il 1926 ed il 1932 la produzione elettrica: da 6,5 miliardi di Kwh. annui a 13.

Questi prestiti furono tutti emessi a New-York, ma parte delle obbligazioni furono vendute in Svizzera, dove le tre holdings elettriche sono interessate come azioniste nelle maggiori società italiane, in Olanda e, infine, in parte minore in Canada ed in Inghilterra.

2. La parte maggiore dei prestiti (£ 62 milioni) fu concessa dalla Blair and Co., la quale finanziò la Società idroelettrica del Piemonte (Piemonte), la Lombarda (parte Piemonte parte Lombardia), l'Adriatica (Veneto), la Meridionale (dal Lazio fino alla Calabria compresa) e, attraverso l'Istituto di credito per le imprese di pubblica utilità di Roma, la Ligure Toscana, la Valdarno e l'Elettricità e Gas di Roma (Toscana e Lazio).

2295

Gli impianti furono esaminati e valutati dalla Stone and Webster di Boston e la situazione amministrativa e contabile delle aziende da organizzazioni fiduciarie inglesi o svizzere.

Declassified E.O. 12356 Section 3.3/NND No. 78 5019

duttrici e distributrici di elettricità. Ciò permise di raddoppiare, fra il 1926 ed il 1932 la produzione elettrica: da 6,5 miliardi di Kwh. annui a 13.

Questi prestiti furono tutti emessi a New-York, ma parte delle obbligazioni furono vendute in Svizzera, dove le tre holdings elettriche sono interessate come azioniste nelle maggiori società italiane, in Olanda e, infine, in parte minore in Canada ed in Inghilterra.

2. La parte maggiore dei prestiti (£ 62 milioni) fu concessa dalla Blair and Co., la quale finanziò la Società idroelettrica del Piemonte (Piemonte), la Lombarda (parte Piemonte parte Lombardia), l'Adriatica (Veneto), la Meridionale (dal Lazio fino alla Calabria compresa) e, attraverso l'Istituto di credito per le imprese di pubblica utilità di Roma, la Ligure Toscana, la Valdarno e l'Elettricità e Gas di Roma (Toscana e Lazio).

2296

Gli impianti furono esaminati e valutati dalla Stone and Webster di Boston e la situazione amministrativa e contabile delle aziende da organizzazioni fiduciarie inglesi o svizzere.

Fuori della Blair furono emessi solo 3 prestiti: uno di Morgan (£ 10 milioni) per la Edison (Lombardia e Liguria), uno di Harriman per la Terni (£ 12 milioni), uno di Rothschild per l'Isarco (£ 5 milioni) (Bolzano)

Declassified E.O. 12356 Section 3.3/NND No. 785019

3. Occorrerebbe adesso:

a) Riorganizzare l'Istituto di credito per le imprese di pubblica utilità a fine di poter esaminare la situazione delle ultime annualità ancora dovute ai portatori americani. Il prestito dell'Istituto scade nel 1952.

b) Stabilire, con la collaborazione dell'Istituto dei Cambi la situazione degli altri prestiti conclusi al di fuori dell'Istituto e che scadono fra il 1952 e il 1960.

c) Preparare frattanto i piani per una nuova emissione di obligazioni negli Stati Uniti e in Svizzera, alla quale si procederebbe non appena possibile, per ricostruire gli impianti nell'Italia meridionale e centrale. Questa emissione dovrebbe includere i pagamenti ancora dovuti per i prestiti concessi alle società di queste due zone fra il 1926 ed il 1931 e darebbe il mezzo di ordinare in America e in Svizzera i macchinari distrutti degli impianti più urgenti e in America i materiali necessari per produrre in Italia i macchinari meno urgenti.

d) Invitare, appena possibile, in Italia uno o due tecnici della Stone and Webster, un tecnico dell'Indelec di Basilea ed uno della Columbus, Baden (Zurigo)

si emetterebbero contemporaneamente in Italia delle obbligazioni in lire per il lavoro di ri-

Declassified E.O. 12356 Section 3.3/NND No. 785019

nare la situazione delle ultime annualità ancora dovute ai portatori americani. Il prestito dell'Istituto scade nel 1952.

b) Stabilire, con la collaborazione dell'Istituto dei Cambi la situazione degli altri prestiti conclusi al di fuori dell'Istituto e che scadono fra il 1952 e il 1960.

c) Preparare frattanto i piani per una nuova emissione di obbligazioni negli Stati Uniti e in Svizzera, alla quale si procederebbe non appena possibile, per ricostruire gli impianti nell'Italia meridionale e centrale. Questa emissione dovrebbe includere i pagamenti ancora dovuti per i prestiti concessi alle società di queste due zone fra il 1926 ed il 1931 e darebbe il mezzo di ordinare in America e in Svizzera i macchinari distrutti degli impianti più urgenti e in America i materiali necessari per produrre in Italia i macchinari meno urgenti.

d) Invitare, appena possibile, in Italia uno o due tecnici della Stone and Webster, un tecnico dell'Indelec di Basilea ed uno della Columbus, Baden (Zurigo)

Si emetterebbero contemporaneamente in Italia delle obbligazioni in lire per il lavoro di ricostruzione delle dighe, dei canali, dei fabbricati.

Si estenderebbero a favore dei nuovi fiduciari americani e svizzeri le ipoteche di primo gra-

Declassified E.O. 12356 Section 3.3/NND No. 785019

do già iscritte in nome dei fiduciari americani dei prestiti già concessi.

Roma - 11 Dicembre 1944

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489082 Ext.317 HEADQUARTERS ALLIED COMMISSION LWL/sc
A.P.O. 394
Public Works and Utilities Sub-Commission

Reference : 171/PWU 9 Dec. 44
Subject : Electric plants and transmission lines rehabilitation to 31 Dec.1945

To : SOCIETA' ROMANA DI ELETTRICITA' - Via Poli N° 14
(Attention Eng.Novelli)

I acknowledge with thanks your letter 6 Dec. 44 enclosing the report which you have prepared concerning the restoration of plants.

I shall be pleased to receive the translation and after studying the report will communicate with you regarding a meeting for discussion.

W.M.LAPPER
Lt-Colonel
Chief Elec.Div.

229

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED CT
P.W. & U. S/C A.C. E-1315
15 DEC 1944 171

28

ALLIED FORCE HEADQUARTERS
ENGINEER SECTION
APO 512

DEC 10 1944

SUBJECT: Transmittal of Minutes - Electrical Reconstruction Committee.

TO : Headquarters Allied Commission, APO 394.
(Attn. Public Works and Utilities Sub-Commission)

Transmitted herewith are two copies of draft of minutes of the first meeting of the Electrical Reconstruction Committee held in ROME on 22 November 1944. The minutes have been approved by the Chief Engineer, AFHQ, for publication and distribution by the Secretary of the Committee.

For the Chief Engineer:

R. M. EDGAR,
Colonel, C.E.,
Deputy Chief Engineer.

1 Incl.
Draft of Minutes ERC Meeting
(in duplicate)

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED FORCE HEADQUARTERS
ENGINEER SECTION
APO 512

SUBJECT: Transmittal of Minutes - Electrical Reconstruction Committee.

TO : Headquarters Allied Commission, APO 394.
(Attn. Public Works and Utilities Sub-Commission)

Transmitted herewith are two copies of draft of minutes of the first meeting of the Electrical Reconstruction Committee held in ROME on 22 November 1944. The minutes have been approved by the Chief Engineer, AFHQ, for publication and distribution by the Secretary of the Committee.

For the Chief Engineer:

R. A. EDGAR,
Colonel, C.E.,
Deputy Chief Engineer.

1 Incl.
Draft of Minutes EEC Meeting
(in duplicate)

COPY

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

LWL/ac

ELECTRICAL RECONSTRUCTION COMMITTEE (ITALY)

Minutes of the 1st meeting of the Electrical Reconstruction Committee (Italy) held on Wednesday 22nd November 1944 in Room 16 on the 8th Floor A.C. Headquarters - Via Vittorio Veneto - Rome.

Present

C.E. - A.F.H.Q. - Maj. Gen. D. McCOACH - Chairman
A.C. - Lt. Col. W. M. LAPPER
Chief Elec. Div., P. W. & U. S.C., A.C.
MTOUSA - Lt. Col. G. COOLEY
C.E. Adv. Eng. Off. P.B.S.
D.W., A.A.I. - Lt. Col. A. W. PAGE
M.B.E., R.E.
FLAG OFFICER WESTERN ITALY - Comdr. L. E. HOGGAR, R.N.

1) - Functions of Electrical Reconstruction Committee (Italy)

The Chairman referred to A.F.H.Q. Administrative Memo N° 43 and it was agreed by the committee that the memorandum set out clearly the functions of the Electrical Reconstruction Committee (Italy) and also that of other Services mentioned therein.

2) - Membership of Electrical Reconstruction Committee (Italy)

After a discussion it was recommended that District 3, Military Railway Service and Peninsular Base Section be represented on the committee. The membership will then be as follows:

A.F.H.Q.
A.C.
A.A.I.
P.B.S.
DISTRICT N° 3
M.R.S.
R.N.

3) - Report from A.C. of the Program of Electrical Rehabilitation 2?9?

A report dated 15th Nov. 44 was presented showing the progress of rehabilitation of transmission lines and generating stations. The report also included data of available generating capacity in Central Italy together with a curve showing the progress being made in the restoration of generating plant to date and also estimates of future developement. Lt. Col. Lapper explained that serious delays were occasioned, due to A.C. requisitions for Local Resources and imported materials being treated as civilian requirements and that a higher priority was necessary in order to speed up the work of

declassified E.O. 12356 Section 3.3/NND No. 785019

Present

C.E. - A.F.H.Q. - Maj. Gen. D. McCOACH - Chairman
A.C. - Lt. Col. W. M. LAPPER
Chief Elec. Div., P. W. & U. S.C., A.C.
MTOUSA - Lt. Col. G. COGLEY
C.E. Adv. Eng. Off. P.B.S.
D.W., A.A.I. - Lt. Col. A. W. PAGE
M.B.E., R.E.
FLAG OFFICER WESTERN ITALY - Comdr. L. E. HOGGAN, R.N.

1) - Functions of Electrical Reconstruction Committee (Italy)

The Chairman referred to A.F.H.Q. Administrative Memo N° 43 and it was agreed by the committee that the memorandum set out clearly the functions of the Electrical Reconstruction Committee (Italy) and also that of other Services mentioned therein.

2) - Membership of Electrical Reconstruction Committee (Italy)

After a discussion it was recommended that District 3, Military Railway Service and Peninsular Base Section be represented on the committee. The membership will then be as follows:

A.F.H.Q.
A.C.
A.A.I.
P.B.S.
DISTRICT N° 3
M.R.S.
R.N.

3) - Report from A.C. of the Program of Electrical Rehabilitation 209

A report dated 15th Nov. 44 was presented showing the progress of rehabilitation of transmission lines and generating stations. The report also included data of available generating capacity in Central Italy together with a curve showing the progress being made in the restoration of generating plant to date and also estimates of future developement. Lt. Col. Lapper explained that serious delays were occasioned, due to A.C. requisitions for Local Resources and imported materials being treated as civilian requirements and that a higher priority was necessary in order to speed up the work of restoration.

It was considered that good progress was being made in connection with this work, and the committee was of the opinion that 30% of the original generating capacity should be restored for military and essential civilian needs and that a high priority be given for material requirements up to this amount.

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Lt. Col. Page reported on the progress of the transmission system to Bologna. It was agreed that A.A.I. should continue this work.

Lt. Col. Cooley reported on the power plants of the Pian della Rocca, Gallicano and Lima plants and it was agreed that P.B.S. should continue this work.

4) - Report from Lt. Col. Lapper on visit to U.S. & U.K.

Lt. Col. W. M. Lapper stated that, in accordance with A.F.H.Q. instructions, he and Lt. Col. L.A. Jenny the Director of the P.W. & D. S-C had visited Washington to discuss a requisition for 60,000 KW of portable electrical generating plant for Central Italy. Washington and London had finally agreed to 40,000 KW being a military requirement but much delay was caused due to a civilian requisition being presented.

Lt. Col. W. M. Lapper also visited London where further discussions took place.

Arrangements were made whereby the Emergency Electrical equipment owned by the Central Electricity Board England could now be requisitioned as required. Catalogues of this equipment were brought back by Lt. Col. Lapper.

Lt. Col. Lapper visited SHAEF Main H.Q. and arranged with Lt. Col. W. CISLER of G-5 that if any of the portable electric plant, now being delivered to that theatre, became surplus, notification would be sent to A.C. for its use in the Italian Theatre.

Lt. Col. Lapper stated that the result of the visit to U.S. and U.K. was that one 25,000 KW Floating Power Station and 15,000 KW of portable units would be delivered to Italy during the next few months. The other 20,000 KW, being considered on a civilian basis, would be delayed. The Committee agreed that the plant was urgently required and that the frequency changer, at Riccione, should be repaired by A.A.I. in order that the floating power plant could be used, in that area, if so decided.

5) - Electrical Situation in Northern Italy

After a discussion it was agreed that A.A.I. should put forward a requisition for any electrical generating plant and equipment which they considered to be a military requirement for Northern Italy. Lt. Col. Page agreed to look into this.

6) - Any other business

Nil

7) - Date and time of the next meeting

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B.

This has been set for 18 Dec. 44.

Declassified E.O. 12356 Section 3.3/NND No. 785019

visited Washington to discuss a requisition for 60,000 KW of portable electrical generating plant for Central Italy. Washington and London had finally agreed to 40,000 KW being a military requirement but much delay was caused due to a civilian requisition being presented.

Lt. Col. W. M. Lapper also visited London where further discussions took place.

Arrangements were made whereby the Emergency Electrical equipment owned by the Central Electricity Board England could now be requisitioned as required. Catalogues of this equipment were brought back by Lt. Col. Lapper.

Lt. Col. Lapper visited SHAEF Main H.Q. and arranged with Lt. Col. W. CISLER of G-5 that if any of the portable electric plant, now being delivered to that theatre, became surplus, notification would be sent to A.C. for its use in the Italian Theatre.

Lt. Col. Lapper stated that the result of the visit to U.S. and U.K. was that one 25,000 KW Floating Power Station and 15,000 KW of portable units would be delivered to Italy during the next few months. The other 20,000 KW, being considered on a civilian basis, would be delayed. The Committee agreed that the plant was urgently required and that the frequency changer, at Riccione, should be repaired by A.A.I. in order that the floating power plant could be used, in that area, if so decided.

5) - <u>Electrical Situation in Northern Italy</u>

After a discussion it was agreed that A.A.I. should put forward a requisition for any electrical generating plant and equipment which they considered to be a military requirement for Northern Italy. Lt. Col. Page agreed to look into this.

6) - <u>Any other business</u>

Nil

7) - <u>Date and time of the next meeting</u>

It was agreed that the date and time of the next meeting be again arranged on the afternoon following the morning meeting of the Electrical Power Committee of A.F.L.R. (I) B.

This has been set for 18 Dec. 44.

L. W. LAUGHLIN
Captain,
Secretary
Elec.Recon.Com.Italy

Distribution

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Subject:- Electrical Reconstruction Committee Italy - Norberaldy

27

RECEIVED
P W & U SUB-COM.
10 DEC 44 III

Chief Engineer
3 District CE
Tel: Ext. 34
CE 6004/2/8

HQ Allied Commission
APO 394 - Public Works
& Utilities Sub-Commission

8 Dec 1944

Ref your 171/ /P&U dated 2 Dec 44.

1. 3 District representative to the Electrical Reconstruction Committee will be Major J. STEVENSON R.E.

2. The alternate will be the HREM, Chief Engineer's Branch, 3 District whose name will be forwarded later.

J. Stevenson.

(J.STEVENSON)
Major, R.E.,
for Brigadier
Chief Engineer

JS/VH.

Lt Col Rapkin

Lieut 11/12

2291

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.317

26

LWL/cc

M E M O R A N D U M

Reference : 155/PWU
Subject : Repair hydro-electric Plant Sagitterio

8 Dec. 44

To : TRANSPORTATION SUB-COMMISSION, A.C.
From : P.W. & U. Sub-Commission

1) - Reference letter 24 Nov. 44 - tn/E/15. (Tel. 22)

2) - Public Works and Utilities S.C., A.C. is agreeable to accepting the responsibility for supervising the repair of the above plant.

3) - Any confirmation action necessary on the part of the E.R.C. committee will be taken at their next meeting.

4) - Since the Electrical Division of Public Works & Utilities S.C. A.C. is charged with the responsibility of all planning on electrical rehabilitation it is suggested that all matters of a similar character be referred to them directly.

L.W.LAUGHLIN
Captain, S.R.
Secretary
Elec.Recons.Com.Italy

cc : M.E.S.
cc : P.W. & U. ELEC. DIVISION A.C.

2284

Declassified E.O. 12356 Section 3.3/NND No. 785019

S-E-C-R-E-T

Tel.489081 Ext.317

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
Public Works and Utilities Sub-Commission

25 LWL/ec

Reference : 171/PWU

9 Dec. 44

Subject : Electrical Reconstruction Committee Meeting

To : Royal Navy - Flag Officer Western Italy
(Attention Comdr. L.E.HOGAN)

1) - Attached is phamplet issued to committee members of the first meeting of the committee held on 22 Nov. 44.

2) - Copy N° 75 of the minutes are included for your information.

L.W.LAUGHLIN
Captain, S.R.
Secretary
Elec.Recons.Committee Italy

enclosure :
1 copy of phamplet of the meeting

Declassified E.O. 12356 Section 3.3/NND No. 785019

24 Lad/mc

Tel. 489081
Ext. 320

HEADQUARTERS ALLIED COMMISSION
INTER OFFICE MEMO.

6 Dec. 44

REFERENCE : 171/PWU

SUBJECT : Electric Power Rehabilitation Program.

TO : Economic Section,
Industry Sub-Commission,
Commerce Sub-Commission,
Transportation Sub-Commission,
Agriculture Sub-Commission,
Finance Sub-Commission,
Labour Sub-Commission.

FROM : P.W.& U. Sub-Commission.

1. In connection with the rehabilitation program now being studied we hereby submit our program of restoration of electrical plant for Southern and Central Italy.

2. Sardinia and Sicily have approximately the pre-war capacities and are, therefore, not included in this program.

3. The capacities given in the attached statement are the installed capacities, or the capacities to be installed. It naturally is not possible to always receive the total output of a plant in accordance with its theoretical capacity and allowances must be made for "outages" when certain units are out of commission or a plant cannot run at full capacity.

4. I wish to call attention to the fact that the generating capacity existing at the end of December 1944 is used up at present by Military forces and essential Civilian needs. Therefore, industrial rehabilitation can only count on the additional plant which we will be able to restore during the year 1945. We indicate what the total additional capacity

2239

Declassified E.O. 12356 Section 3.3/NND No. 785019

will be at the end of January, March, October and December 1945. Thus, at various periods during the year 1945 repaired plants will be put into operation with a cumulative total of 38,500 KW. for Southern Italy and 315,000 KW. for Central Italy. These are the figures which should be used in connection with the industrial rehabilitation program unless, of course, the war should end at an earlier date and military requirements drop off considerably from which industrial rehabilitation would benefit accordingly.

5. After the rehabilitation program outlined above is completed, no further rehabilitation is possible and it will be necessary to completely rebuild plants listed in the attached statement as "totally destroyed", thus requiring new plant altogether. Plans should, therefore, be made during the first half of 1945 to order equipment for this new reconstruction in accordance with available foreign credits, because practically all of this plant will have to be imported. We indicate on the attached statement that, if orders were placed on or before July 1st, 1945 for the entire reconstruction of totally destroyed plants, they could not be in operation before January 1947. As this rehabilitation must be made in accordance with available credit allocated to electrical rehabilitation, orders can only be given accordingly and the total program, instead of being accomplished in 1 ½ year, may take five years or more to complete.

6. Nothing is included in our statement for the 40,000 KW. plants to be received from the U.S., assigned to Military uses, or the 5,000 KW. which may be obtained by F.E.A. from the Russian orders placed in the U.S. Only the latter, if it arrives, can be used for civil purposes.

L.A. JENNY,
Lt-Colonel, C.E.,
Director.

2287

Enclosure

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
Public Works and Utilities Sub-Commission

LWL/ca
23

6 Dec. 44

Reference : 171/ /PWU
Subject : Electric Power Plant Rehabilitation - Italy
To : C.E. - A.F.H.Q.
___ P.W. & U. S/C, AC ✓
P.W. Hq A.A.I. (Attention Lt.Col.Page)
P.B.S. FORWARD (Attention Lt.Col.Cooley)
C.E. - District N° 3
D.M.R . (Italy) C.M.F.
R.N. Flag Officer Western Italy

1) - The attached report contains data which will be of interest and useful to the members of the Electrical Reconstruction Committee and is transmitted for information.

2) - The report was prepared by the Chief of the Electrical Division A.C. for planning purposes by the Industry, Commerce and Agricuture Sub-Commissions of A.C.

L.W.LAUGHLIN
Captain, S.R.
Secretary
Elec.Recon.Com.

2286

enclosure :

copy of report

6-12-44

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
PUBLIC WORKS AND UTILITIES SUB-COMMISSION
Electrical Division

REPORT ON THE PROGRESS of RESTORATION OF ELECTRICAL PLANT

(a) - Sardinia
(b) - Sicily
(c) - Italy (Southern)
(d) - Italy (Central)

SARDINIA

The electrical generating plant in Sardinia is capable of meeting the demand of the island. A.C. Electrical Utility Officers were drawn in July 1944.

The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free trading is established.

SICILY

2287

Owing to age and lack of maintenance of the steam electrical generating plant in Sicily it is not possible to give the island a full supply of electricity, however a reasonable supply is available but a rationing control must be continued. A.C. Electrical Utility Officers were withdrawn in August 1944. The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free

Declassified E.O. 12356 Section 3.3/NND No. 785019

REPORT ON THE PROGRESS
of
RESTORATION OF ELECTRICAL PLANT

(a) - Sardinia
(b) - Sicily
(c) - Italy (Southern)
(d) - Italy (Central)

SARDINIA

The electrical generating plant in Sardinia is capable of meeting the demand of the island. A.C. Electrical Utility Officers were drawn in July 1944.

The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free trading is established.

SICILY

2287

Owing to age and lack of maintenance of the steam electrical generating plant in Sicily it is not possible to give the island a full supply of electricity, however a reasonable supply is available but a rationing control must be continued. A.C. Electrical Utility Officers were withdrawn in August 1944. The electrical company will require assistance in connection with the supply of materials for repairs to plant until such time as free trading is established.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

SOUTHERN ITALY

Particulars of Electrical Generating Plant in Southern Italy and programme of restoration assuming that orders, for replacement of the plant which is totally destroyed, are placed on 1st June 1945 and that the plant will be in operation by 1st January 1947.

- - -

Summary

	Kilowatts
(a) - Original generating capacity	425,340
(b) - Generating capacity at December 1944	168,300
(c) - Capacity of generating plant which can be repaired during 1945	38,300
(d) - Capacity of generating plant totally destroyed .	198,240

- - -

Estimated completion dates for repaired plant and installation of new plant

	Jan. 1945 KW	Mar. 1945 KW	Oct. 1945 KW	Dec. 1945 KW	Jan. 1947 KW
(a) Repaired plant	9,500	6,000	12,000	11,000	-
(b) New plant	-	-	-	-	198,240
(c) Total additional capacity	9,500	6,000	12,000	11,000	198,240
(d) Cumulative total additional capacity	9,500	15,500	27,500	38,500	236,740

Summary

	Kilowatts
(a) - Original generating capacity	425,340
(b) - Generating capacity at December 1944	188,600
(c) - Capacity of generating plant which can be repaired during 1945	38,500
(d) - Capacity of generating plant totally destroyed .	198,240

- - -

Estimated completion dates for repaired plant and installation of new plant

	Jan. 1945 KW	Mar. 1945 KW	Oct. 1945 KW	Dec. 1945 KW	Jan. 1947 KW
(a) Repaired plant	9,500	6,000	12,000	11,000	-
(b) New plant	-	-	-	-	198,240
(c) Total additional capacity	9,500	6,000	12,000	11,000	198,240
(d) Cumulative total additional capacity	9,500	15,500	27,500	38,500	236,740

2-31

(It is assumed that all transmission line work and sub-station plant will be restored during the restoration of the generating plant).

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

CENTRAL ITALY

Particulars of electrical generating plant in Central Italy and programme of restoration assuming that orders for replacement of the plant which is totally destroyed are placed on 1st June 1945 and that the plant will be in operation by 1st January 1947.

\- - -

S u m m a r y

	Kilowatts
(a) - Original generating capacity	905,900
(b) - Generating capacity December 1944	112,580
(c) - Capacity of generating plant which can be repaired during 1945	315.000
(d) - Capacity of generating plant totally destroyed	478,320

\- - -

Estimated completion for repaired plants and installation of new plant

	Jan. 1945 KW	Mar. 1945 KW	Oct. 1945 KW	Dec. 1945 KW	Jan. 1947 KW
(a) Repaired plant	45,500	69,450	120,250	79,800	-
(b) New plant	-	-	-	-	478,320
(c) Total additional capacity	45,500	69,450	120,250	79,800	478,320
(d) Cumulative total additional capacity	45,500	114,950	235,200	315,000	793,320

(It is assumed that all transmission line work and sub-sta

Declassified E.O. 12356 Section 3.3/NND No. 785019

S U M M A R Y

	Kilowatts
(a) - Original generating capacity	905,900
(b) - Generating capacity December 1944	112,580
(c) - Capacity of generating plant which can be repaired during 1945	315,000
(d) - Capacity of generating plant totally destroyed	478,320

- - -

Estimated completion for repaired plants and installation of new plant

	Jan. 1945 KW	Mar. 1945 KW	Oct. 1945 KW	Dec. 1945 KW	Jan. 1947 KW
(a) Repaired plant	45,500	69,450	120,250	79,800	-
(b) New plant	-	-	-	-	478,320
(c) Total additional capacity	45,500	69,450	120,250	79,800	478,320
(d) Cumulative total additional capacity	45,500	114,950	235,200	315,000	793,320

226

(It is assumed that all transmission line work and sub-station plant will be restored during the restoration of the generating plant).

Declassified E.O. 12356 Section 3.3/NND No. 785019

4/11/71 AHS/ef 22

ALLIED COMMISSION
TRANSPORTATION SUB COMMISSION
RAILWAYS

Ref.A.C. Tn/E/IS
Nov. 24th 1944

SUBJECT : Repair Hydro-Electric Plant Segittario

TO : Electrical Reconstruction Committee. R.A.A.C.

1. A request has been received from the Italian State Railways for the repair of the above plant.

2. This station formerly consisted of three generating sets of 15 000 HP each, two of these are very badly damaged, but the third is repairable.

3. Cost of work estimated 30.000.000 lire.

4. Estimated time 6 months.

5. The repair of this station has been discussed by representatives of I.S.R. M.R.S. and AC.Tn.

6. It is felt, that it is better to concentrate all electrical repair work under one head and thus ensure co-ordination of effort, and it is therefore suggested that this work be supervised by the Public works Sub Commission A.C.

7. Priority of supply of current for railway purposes will of course be recognised.

8. Your approval of above is requested. 228?

O.H. Lindberg Lt.Col.
O.H.LINDBERG, LT.COL., R.E.
TRANSPORTATION SUB COMMISSION
RAILS.

Copy : M.R.S.
Copy : P.Works Utilities Electrical Sect.

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
PW & U S/C A
6 DEC 1944
171

Roma 16 NOV. 1944 XXII

Ministero dei Lavori Pubblici

PRESIDENZA DEL CONSIGLIO DEI MINISTRI

Direzione Generale Servizi Tecnici
Ispett. Gen. Elettricità-Acqua-Gas

Alla Soc. Meridionale di Elettricità - Via P.E. Imbriani 42 - N A P O L I -

e per conoscenza:

Headquarter's Allied Control Commission-Subcommission Public Works and Utilities
A.P.O. 394 - Via Veneto
R O M A

Allegati vari n° 168 di prot.

Oggetto: Lavori di ricostruzione degli impianti elettrici della Soc. Meridionale di Elettricità.

Debitamente approvati dalla Commissione alleata si restituiscono a codesta Società i modelli ACC/EL/1 relativi alle stime per la ricostruzione degli impianti elettrici di pertinenza della Soc. Meridionale di Elettricità, i quali sono stati contraddistinti dalla Commissione stessa con i numeri progressivi da 100 a 132.

Alla suddetta numerazione codesta Società dovrà sempre fare riferimento, sia per la compilazione dei modelli ACC/EL/1 relativi ai progressivi rendiconti da presentare mensilmente agli uffici locali del Genio Civile per il rimborso delle spese sostenute, sia per ogni altra corrispondenza relativa ai singoli lavori.

A proposito del rimborso delle spese si avverte che dovrà essere disposto da codesta Società un sistema di contabilità tale che le spese risultino in modo chiaro e possano essere prontamente esaminate dagli Ispettori della Commissione alleata o del Governo italiano.

I pagamenti mensili saranno sospesi allorchè sorgano dubbi circa la correttezza delle spese incontrate in qualsiasi mese.

Si resta in attesa di un cenno di ricevuta della presente lettera.

L'ISPETTORE GENERALE
(M. Visentini)

p.s.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Translation

Rome, 16 Nov. 44

Ministry of Public Works

Direction General
Technical Services
Electricity - Water - Gas

To the Firm: Meridionale di Elettricita'
Via P. E. Imbriani 42
NAPLES

and for information of:
H.Q. A.C. P.W.& U. S-C.
A.P.O. 394 - Via Veneto
ROME

Various enclosures
N. of Prot. 168

SUBJECT: Works of reconstruction of the electrical plant of Soc. Meridionale di Elettricita'.

We return to you the forms ACC/EL/1 relative to the estimate for the reconstretion of electric plants belonging to Soc. Meridionale di Elettricita', duly approved by the ACC. They have been marked by the Commission itself with the progressive numbers from 100 to 132.

Your Firm should always quote these figures when preparing forms ACC/EL/1 relative to the progressive reports which are to be presented monthly to the local offices of Genio Civile for reimbursment of your expenses and also in any other correspondence relative to the single works.

Regarding reimbursment of expenses we inform you that your Firm must establish a system of accountancy allowing expenses to result in a very clear way permitting these to be examined speedily by Inspectors of A.C. or by Italian Government.

The monthly payments will be suspended if any doubts should arise on the correctness of the expenses of whatever month may be.

2283

Awaiting your aknowledgment of receipt of the present letter.

The Inspector General
(M. Visentini)
signed: M/ Visentini.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Subject:- Electrical Reconstruction Committee - Italy - Membership. P.W. + U. 450

RECEIVED P.W. & U. SECTION 7 DEC 1944 171

Military Railway Service,
C.M.F.
Tele: Firebox 84.
Tn.A.3(E)/16 - 1
5 Dec.'44

20

To:- Electrical Reconstruction Committee - Italy.
H.Q. A.C. Public Works and Utilities Sub-Commission. A.F.O. 394.

18

Reference your letter 171/ /PWU of 2 Dec.'44.

The name of my representative for the Electrical Reconstruction Committee - Italy - is Major J.C. KUBALE R.E.

At present I am unable to nominate an alternative but shall do so as soon as possible.

HEADQUARTERS 7 DEC 1944 A. C.

J. C. Kubale Maj RE

for Brigadier,
Director, Military Railway Service.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Subject : Electricity Supply

HQ Allied Armies in Italy
Tel : Filpot 311
2110/DT
3 Dec 44.

RECEIVED
AFHQ & U.S.(G.A.C.
5 DEC 1944
171

G.E. 1 District

170 CE Dks (with copy of 1873/ R & M.
D.C.M.E.S. (with copy of Dwg No 1873/ RE
HQ. A.C., A.P.O. 430.

Attached is dwg No 1873/ R&E which shows the work in hand and to be carried out on power line reconstruction. The dates are those anticipated and in the case of any variation, this Directorate should be notified.

A.M. PAGE.,
LT - COL. RE.,
FOR BRIGADIER.,
DIRECTOR OF WORKS.

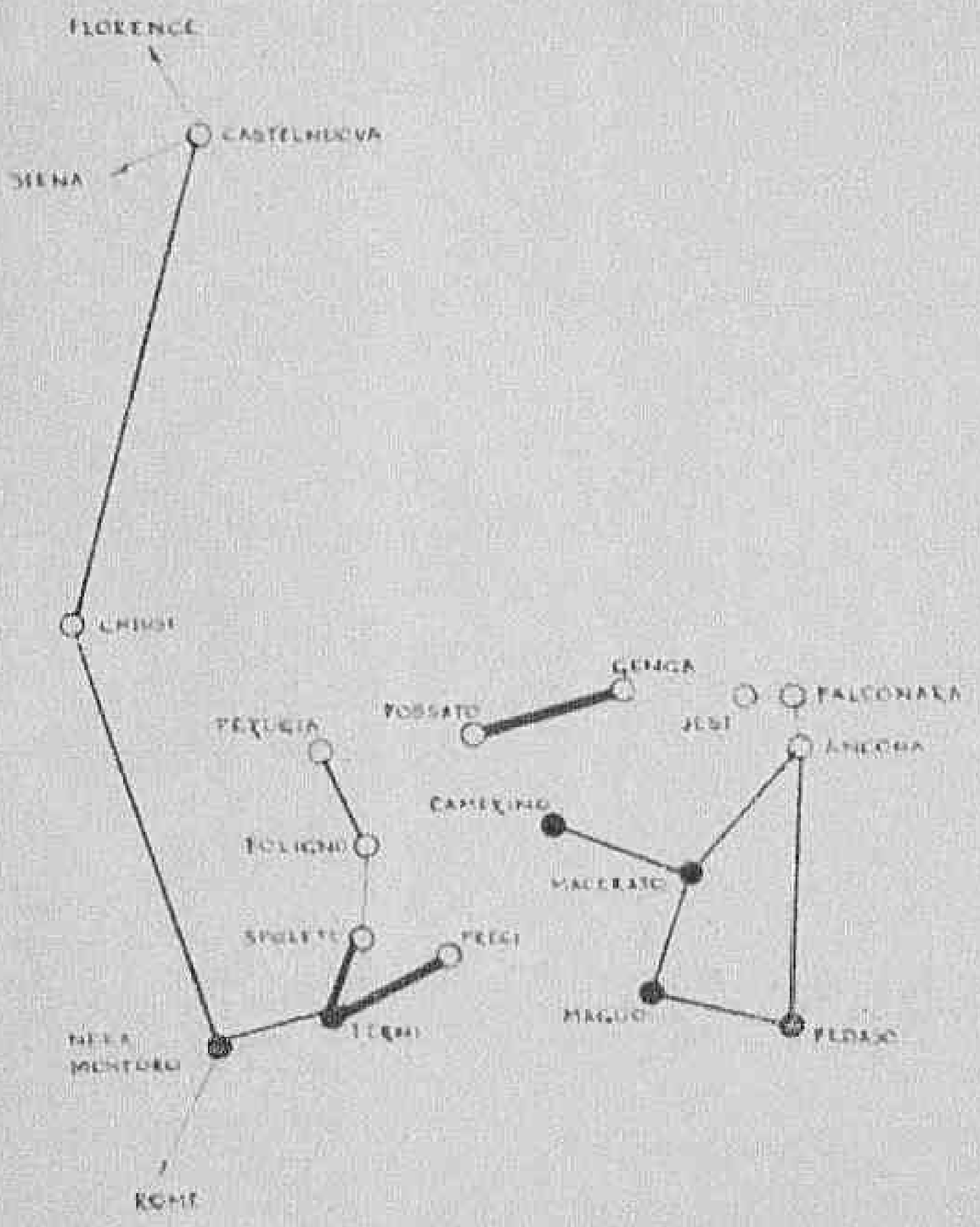
HEADQUARTERS
5 DEC 1944
G.

AMP/TGC

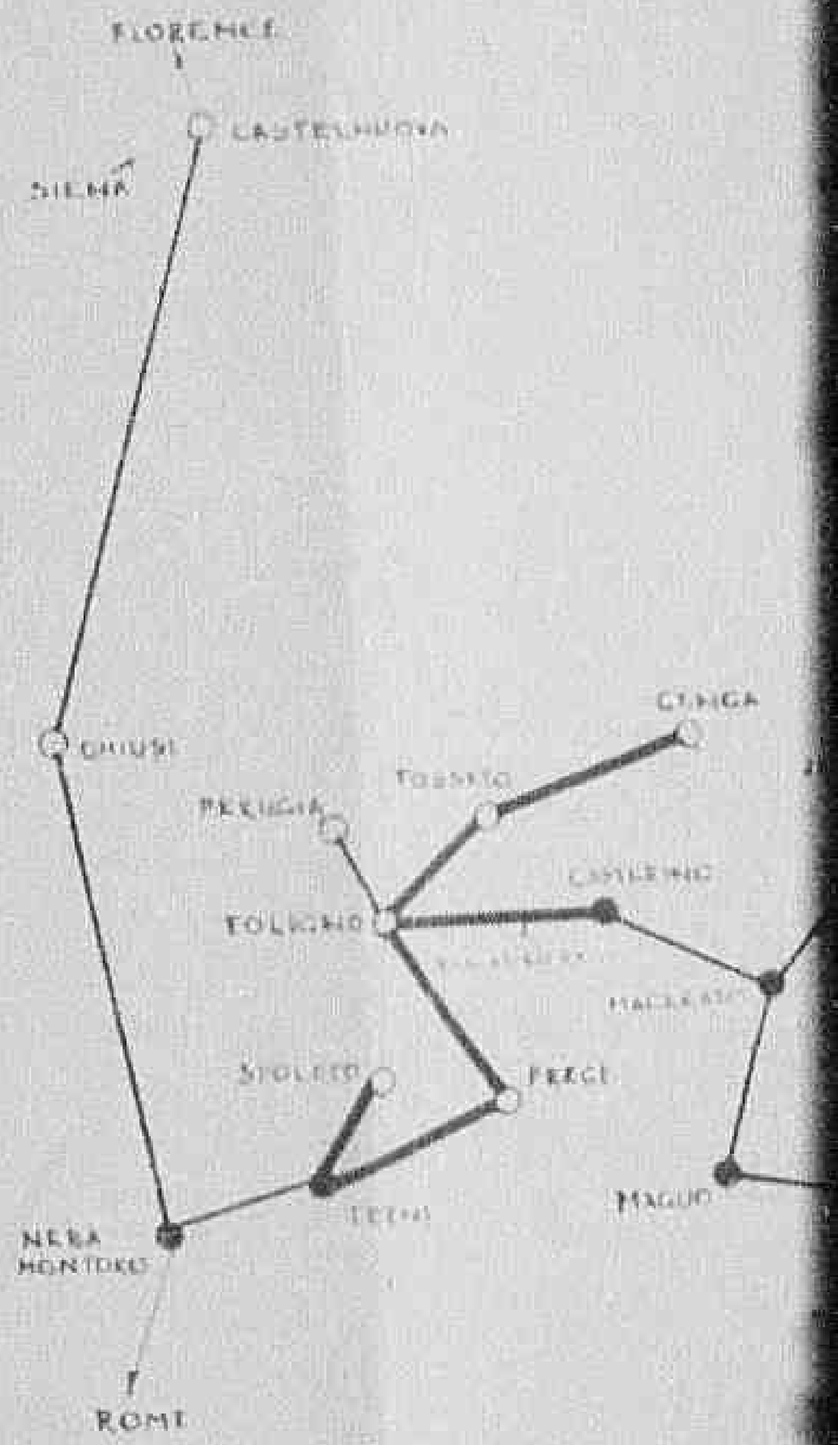
2273

Declassified E.O. 12356 Section 3.3/NND No. 785019

PRESENT POSITION — 17th NOV



PHASE I — 15

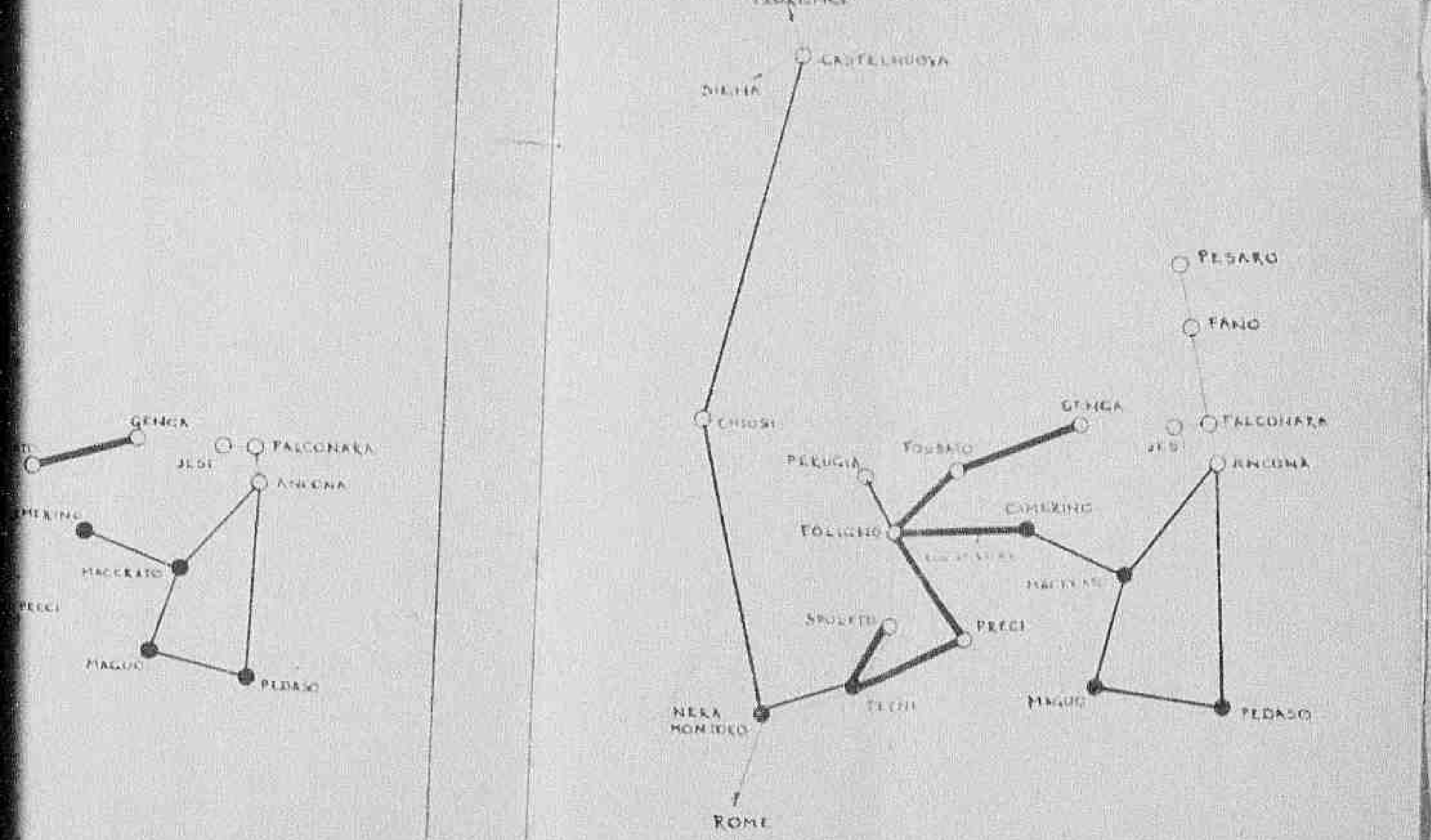


PHASE II — 31st DEC.

PHASE I	LINE		E.D.C	REMARKS
	FOLIGNO	FOSSATO (TERNI-ROME)	13th DEC	CIVILIAN LABOUR ORDER D.S.T.
	FOLIGNO	CAMERINO	15th DEC	C.E. 1 DIVISION
	PERUGI	FOLIGNO		SEE DRAWING 1939 I-M
	FALCONARA	FANO	15th DEC	C.E. 1 DIVISION
	FANO	PESARO	15th DEC	C.E. 8th ARMY

Declassified E.O. 12356 Section 3.3/NND No. 785019

POSITION — 17th NOV	PHASE I — — — 15th DEC	31st DEC.

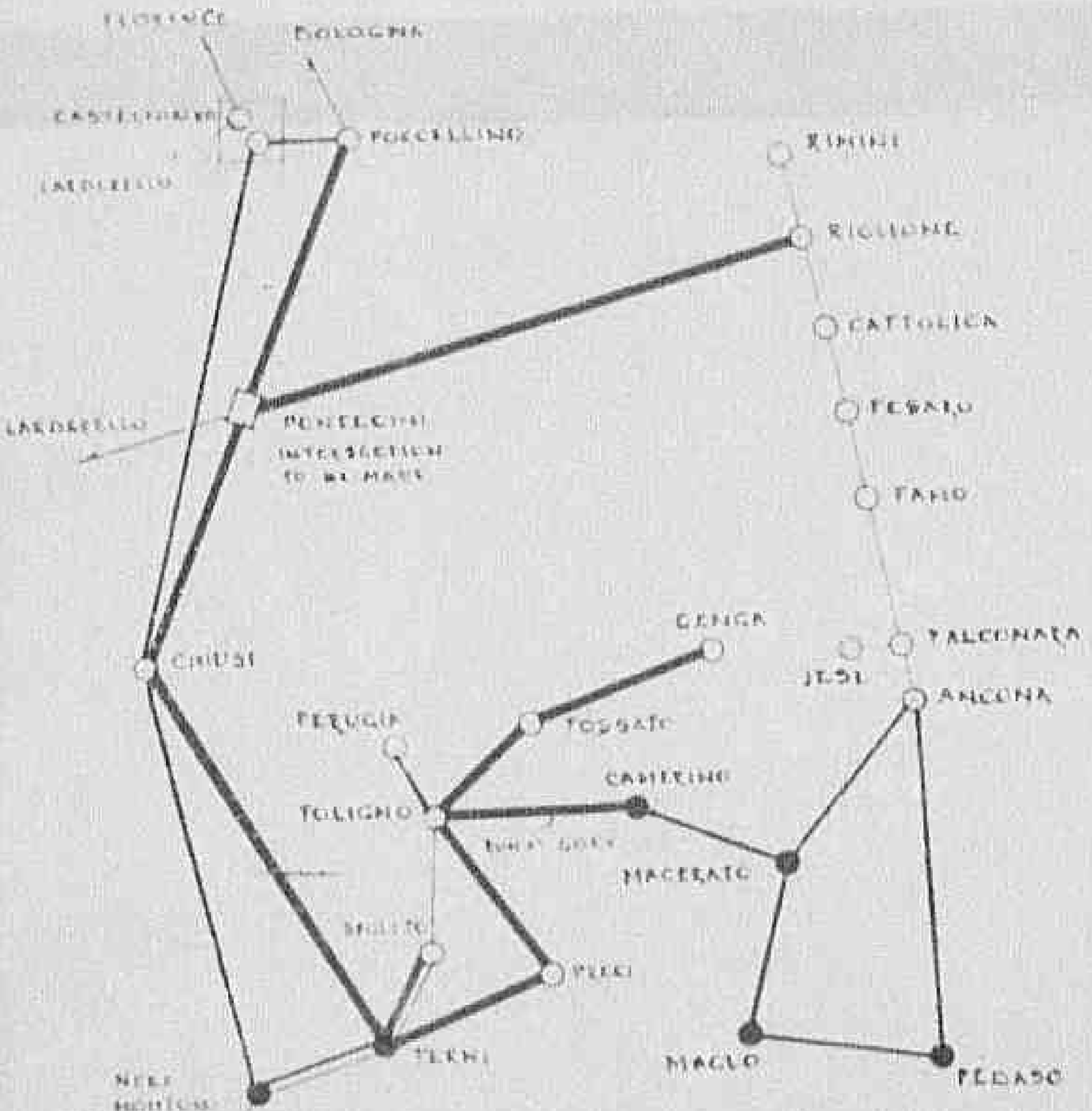


PHASE I	LINE		EDC	REPAIRS BY	KM OF CABLES	
					MILITARY	CIVILIAN
	FOLIGNO	FOSSATO (TRASVERSAL COUPLE)	12TH DEC	CIVILIAN LABOUR UNDER D.T.S.		
	FOLIGNO	CAMERINO	15TH DEC	C.E. 1 DISTRICT		
	PRECI	FOLIGNO		SEE DRAWING N° (B.T.E. I & M)		
	FALCONARA	FANO	13TH DEC	C.E. 1 DISTRICT		
	FANO	PESARO	13TH DEC	C.E. 8TH ARMY		

Declassified E.O. 12356 Section 3.3/NND No. 785019

ROME

PHASE II — 31st DEC.



THIS PHASE WILL REQUIRE A 120/30 KV TRANSFORMER INSTALLED AT RICCIONI AND INTERCONNECTIONS AT PONTECCHI

	LINE		E.D.C	REMARKS
PHASE I	FOLIGNO	FOSSATO	15th DEC	CIVILIAN LABOUR UNDER D.T.N.
	FOLIGNO	CAMERINO	15th DEC	C.E. 1 DISTRICT
	PIEDI	FOLIGNO		SEE DRAWING No 1877, L.M.
	FALCONARA	FANO	15th DEC	C.E. 1 DISTRICT
	FANO	PESARO	15th DEC	C.E. 8TH ARMY
PHASE II	PESARO	CATTOLICA	31st DEC.	C.E. 8TH ARMY
	CATTOLICA	RICCIONE		
	RICCIONE	RIMINI		
	RICCIONE	PONTECCHI		C.E. 8TH ARMY

LEGEND

- 30 KV
- 60 KV
- 120 KV
- ● POWER STATIONS
- ○ SUB-STATIONS

DIRECTORATE OF WORKS
H.Q. A.A.I.
C.M.F.

EAST - WEST ELECTRIC SUPPLY

BRIGADIER D.W.

TRACED BY A.I.D.

CHECKED BY

Declassified E.O. 12356 Section 3.3/NND No. 785019

ROME

31st DEC.

		LINE		I.D.C.	REMARKS By	H.P. OF GANGS	
						MILITARY	CIVILIAN
PHASE I		FOLIGNO	FOSSATO (TRIVIO II SUPPLY)	5th DEC	CIVILIAN LABOUR UNDER D.T.N		
		FOLIGNO	CAMERINO	5th DEC	C.E. 1 DISTRICT		
		PERGI	FOLIGNO		SEE DRAWING N° 1877/E+M		
		FALCONARA	FANO	17th DEC	C.E. 1 DISTRICT		
		FANO	PESARO	17th DEC	C.E. 8th ARMY		
PHASE II		PESARO	CATTOLICA	31st DEC	C.E. 5th ARMY		
		CATTOLICA	RICCIONE				
		RICCIONE	RIMINI				
		RICCIONE	FONTECCHIO		C.E. 8th ARMY		

RIMINI
RICCIONE
CATTOLICA
PESARO
FANO
CESENA
FALCONARA
ANCONA
MACERATA
MACERATA
PESARO

LEGEND

30 KV.
60 KV.
120 KV.
POWER STATIONS
SUB-STATIONS

...0 Kv. TRANSFORMER
...TERCONNECTING

...ST - WEST
...LECTRIC SUPPLY

DRAWING N°
DW HQ A A I
1879/E&M
NOV 18TH 1944

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
Public Works and Utilities Sub-Commission

18
LWL/ac

Reference : 171/ /PWU
Subject : Electrical Reconstruction
Committee - Italy - Membership

2 Dec. 44

To : D.M.R. - Italy

1) - At the first meeting, held on 22 Nov. 44, it was considered that a representative of MRS should be on the committee.

2) - I am instructed by the Chairman to request the name of your representative and an alternate.

3) - Enclosed for your information is file containing the Agenda of the 22 Nov. 44 meeting.

4) - Minutes of the meeting are now being prepared and will be forwarded shortly.

L.W.LAUGHLIN
Captain
Secretary
Electrical Reconstruction
Committee - Italy

enclosure :
Agenda of 22 Nov. 44

2276

Declassified E.O. 12356 Section 3.3/NND No. 785019

22 NOV Rec'd 158 clc/ces. 1345

R. - P File - Gen. offices. 26

Subject :- Reconstruction of Power Lines.

C.C. 5th. Army (for AIW Writ. Incr.)
P.B.E., A.P.C. (for Lt.Col. C. Cooley.)
N.G., A.C.C.
73 C.R.E. (Works)

[illegible]

2112/Inf

Nov 4th.

Enclosed in copy of Drawing 1873/s A M which indicates the policy of reconstruction of power lines up to the 15 Jan. together with details of agencies actually carrying out the work.

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

Lt Col Rapper

AWH/lf

Capt. 22/11

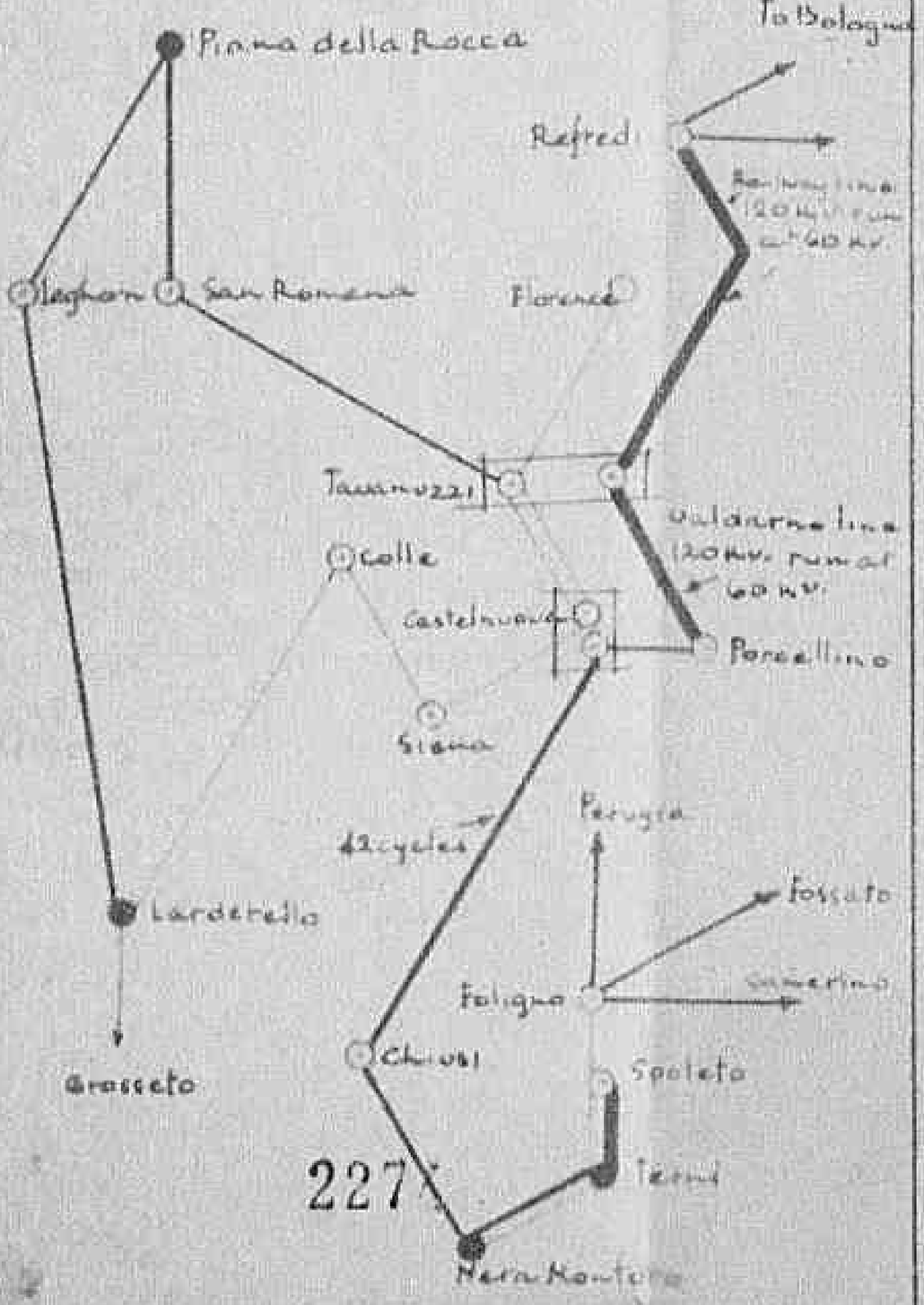
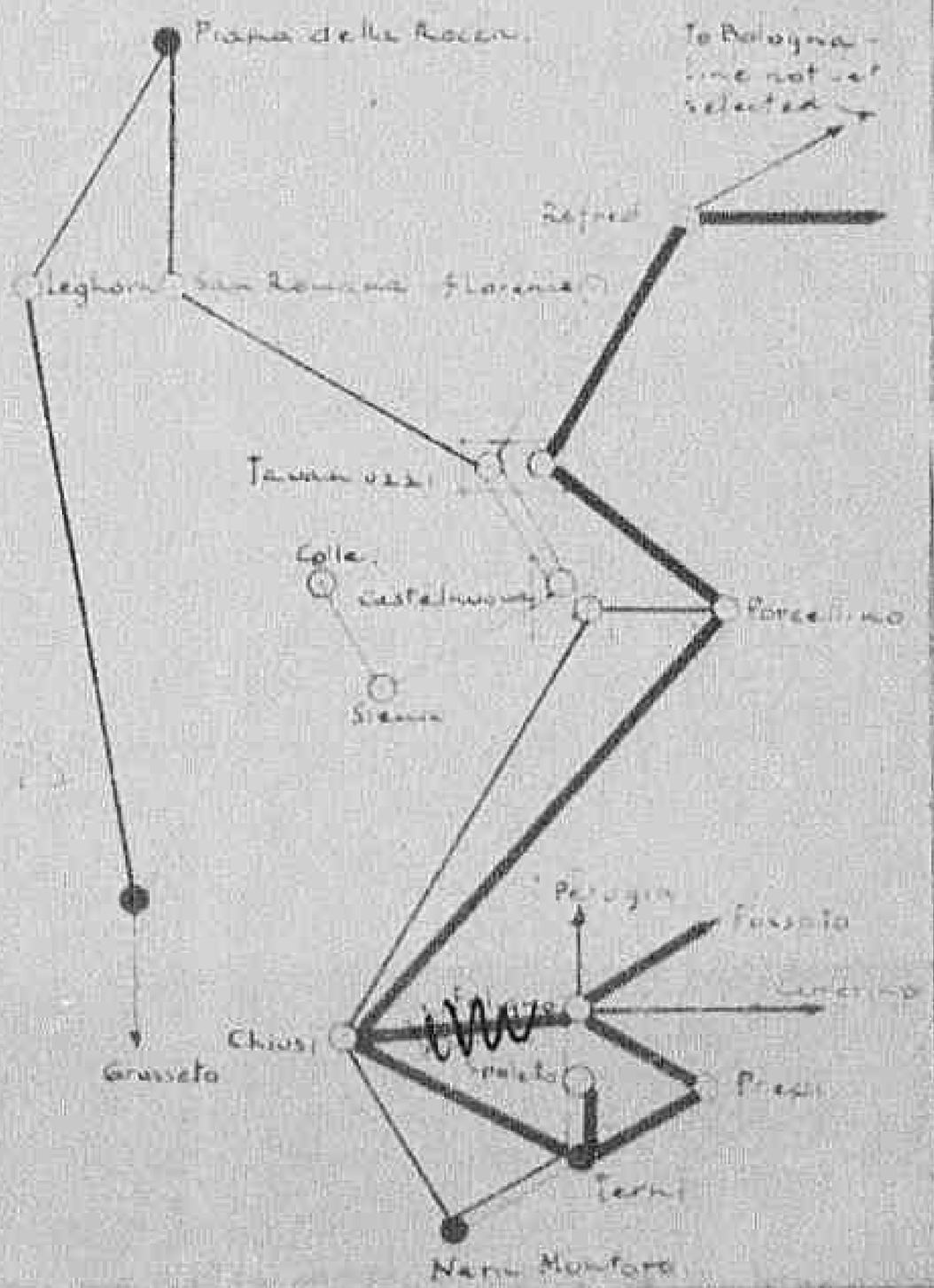
2275

Declassified E.O. 12356 Section 3.3/NND No. 785019

227

PHASE II - 15th Jan.	LINE	DEC
	Castelnuovo - Porcellino.	25th Nov
	Porcellino - Tavarnuzzi	16th Dec

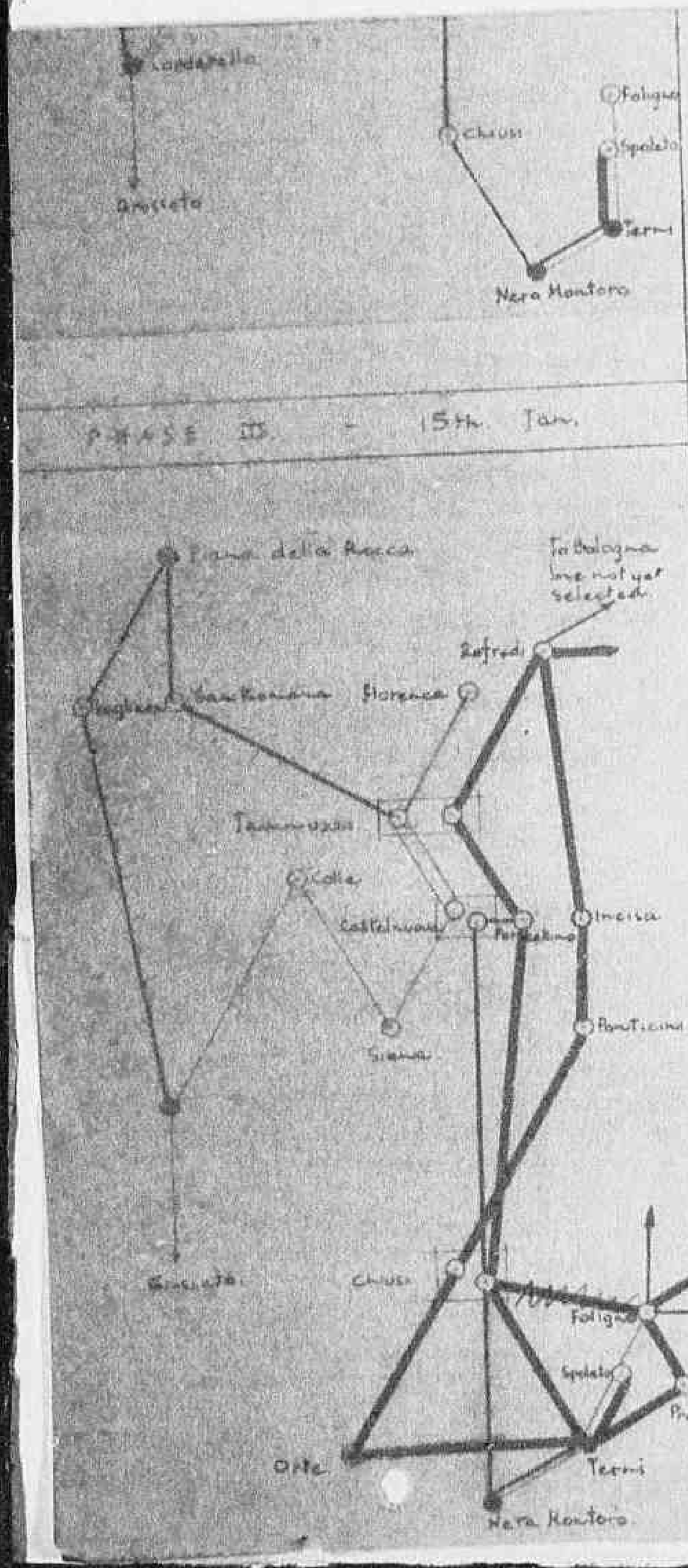
Declassified E.O. 12356 Section 3.3/NND No. 785019

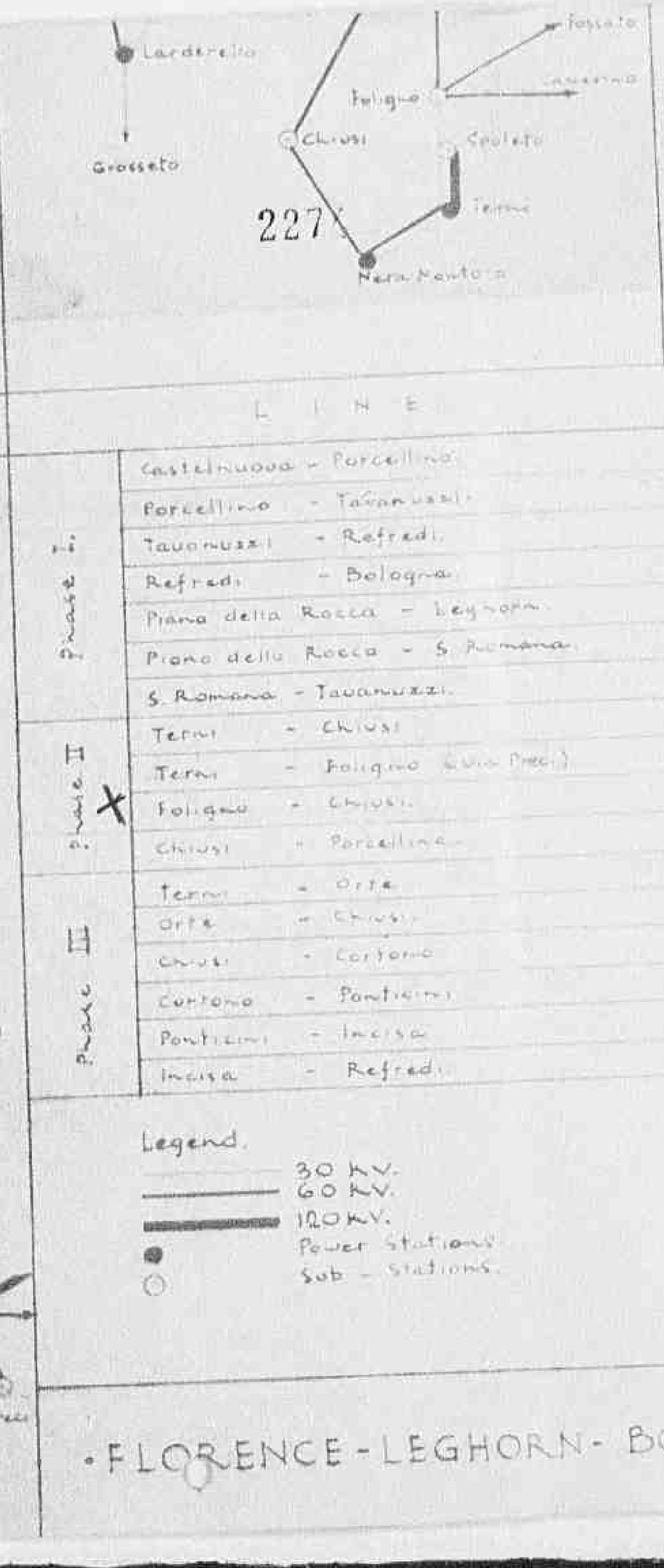
	PHASE I - 16th Dec	PHASE II - 31st Dec
		

	LINE	EDC	Repairs by	No of Gangs. Military	No of Gangs. Civilian
	Castelnuovo - Porcellino.	25th Nov	C E 1 District	2.	
	Pascaloro - Tolentino				

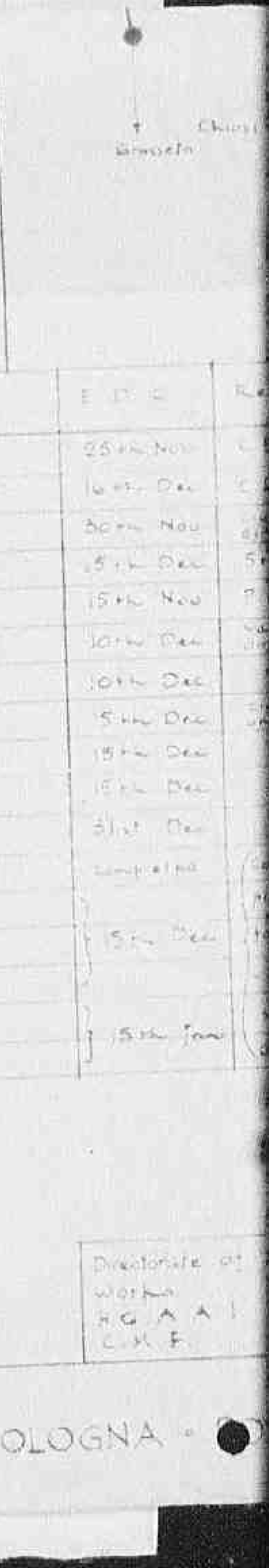
17521

Declassified E.O. 12356 Section 3.3/NND No. 785019





227



PHASE III - 15th Jan.

	LINE	END
Phase I	Castelnuovo - Porcellino	25th Nov
	Porcellino - Tavarnuzzi	16th Dec
	Tavarnuzzi - Refredi	30th Nov
	Refredi - Bologna	15th Dec
	Piana della Rocca - Leghorn	30th Nov
	Piana della Rocca - S. Romana	10th Dec
	S. Romana - Tavarnuzzi	5th Dec
Phase II	Terni - Chiusi	15th Dec
	Terni - Foligno (via Preci)	15th Dec
	Foligno - Chiusi	31st Dec
	Chiusi - Porcellino	completed
	Terni - Orte	
	Orte - Chiusi	5th Dec
	Chiusi - Cortona	
	Cortona - Ponticini	
	Ponticini - Incisa	15th Jan
	Incisa - Refredi	

Legend.

30 KV.
60 KV.
120 KV.
Power Stations
Sub - Stations.

Directorate of works
M.C.A.I.
C.M.F.

• FLORENCE - LEGHORN - BOLOGNA •

Declassified E.O. 12356 Section 3.3/NND No. 785019

		LINE	EDC	Reports by	No. of Gangs Military	No. of Gangs Civilian
Phase II		Castelnuova - Porcellino.	25th Nov	C E I District	2	
		Porcellino - Tavarnuzzi.	10th Dec	C E District	1	2
		Tavarnuzzi - Refredi.	30th Nov	Erection about completed by A.C.C.		
		Refredi - Bologna.	15th Dec	Sub contract.		
		Piano della Rocca - Leghorn.	15th Nov	P.B.S.		
		Piano della Rocca - S. Romana.	10th Dec	Valdarno E Coy directed by A.C.C.		
		S. Romana - Tavarnuzzi.	10th Dec	d.to.		
Phase III	X	Terni - Chiusi	15th Dec.	Civilian labour under I District		1
		Terni - Foligno (Via Prec.)	15th Dec	d.to.		1
		Foligno - Chiusi.	15th Dec	d.to		
		Chiusi - Porcellino.	31st Dec	d.to.		2
Phase IV		Terni - Orte	completed	Contract taken over by D.T.N.		
		Orte - Chiusi.	15th Dec	for final work - to be supervised by C.E. I. District.		
		Chiusi - Cortono				
		Cortono - Ponticini				
		Ponticini - Incisa	15th June			
		Incisa - Refredi.				

Legend.

30 KV.
60 KV.
120 KV.
● Power Stations.
○ Sub - Stations.

Directorate of Works. H.Q.A.A.I. C.M.F.	Approved for [illegible]	D.W.A.A. 1873/E&M.
	Drawn - DP (E)	Nov. 1944
	Checked -	

• FLORENCE - LEGHORN - BOLOGNA • POWER SUPPLY •

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081 WML/ac 16

M E M O R A N D U M

Reference : 171/ /PWU 24 Nov. 44
Subject : Electrical Reconstruction Committee (Italy)

To : DIRECTOR
from : Lt.Col.W.M.Lapper

1) - Attached is a copy of the agenda and data put before the Electrical Reconstruction Committee (Italy) at the meeting held in my office on Wednesday 22nd Nov. 1944.

2) - A very satisfactory meeting was held and when the minutes are prepared a copy will be submitted to you for your file.

3) - Would you please say if you desire copies of this matter to be sent to other agencies or Sub-Commissions internal to A.C.

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

noted file 227

enclosures :
1 copy of agenda

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

Tel. 90081 Ext. 317

A.F.H.Q. & MTOUSA, S/C A.C.
Electrical Division

File : E.R.C.

17 November 1944

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The first meeting of the Electrical Reconstruction Committee will be held at 1430 hours on Wednesday 22nd November 1944 in Room 16 - 8th floor A.F. Headquarters - Rome.

1) - Explanation by the Chairman regarding the function of the Electrical Reconstruction Committee (Italy).

2) - To consider the membership of the Committee.

3) - To receive a report from AC of the progress of Electrical Rehabilitation Work and future planning.

4) - To receive a report from Lt.Col.W.A.Lawlah concerning the possibility of obtaining portable electrical equipment for use in the Italian theater.

5) - To consider the electrical situation in Northern Italy.

6) - Any other business.

7) - To fix the date and time for the next meeting.

L.W. Laughlin
L.W.LAUGHLIN
Capt.(A) S.C.
Secretary
Elec.Recon.Com.Italy

Distribution
C.E. - AFHQ
Lt.Col.Colley - MTOUSA (Mail to Advance Engineer Officer P.B.S.)
Elec. Div. - A.C.
D.W. - A.A.I.
Flag Officer - R.N.

2272

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

RESTRICTED

WDC/ar

ALLIED FORCE HEADQUARTERS
APO 512

ADMINISTRATIVE MEMORANDUM } 5 October, 1944
NUMBER 43 }

POWER REHABILITATION

1. The function of power rehabilitation having been transferred to control of AFHQ the following will govern:

2.a) The Chief Engineer, AFHQ, will

(1) Exercise staff supervision of power rehabilitation activities.

(2) Recommend rehabilitation policies.

(3) Coordinate power rehabilitation activities of the various agencies concerned.

b) Electrical Reconstruction Committee.

(1) The Central Electrical Board, Italy, is dissolved. There is hereby created and Electrical Reconstruction Committee (Italy), with membership as follows:

Chief Engineer AFHQ (Chairman).

Representatives of: ACC, R.N., AAI and CG,NATOUSA. It is requested that ACC, R.N., AAI and CG NATOUSA, advise AFHQ of representatives selected for membership.

(2) The Electrical Reconstruction Committee will:

a. Meet at the call of the Chairman.

b. Recommend studies for determining power requirements as may be required.

c. Recommend study of and preparation of plans for power rehabilitation as may be required.

d. Review ACC plans for power rehabilitation, correlating them with the requirements and make recommendations as to extent and nature of rehabilitation.

2273

Declassified E.O. 12356 Section 3.3/NND No. 785019

e. Recommend designation of agency to perform specific construction work of rehabilitation, when necessary.

f. Make such other recommendations regarding power rehabilitation as it deems necessary.

c. The ACC will:

(1) Furnish Secretariat for the Electrical Reconstruction Committee.

(2) Be responsible for planning power rehabilitation throughout Italy.

(3) Maintain liaison with AAI and keep informed as to existence and condition of power plants and probable rehabilitation needs in operational area.

(4) Ascertain power requirements from AAI, CZ, NATOUSA Districts (Br.), and other sources.

(5) Submit plans for rehabilitation to the Chief Engineer for consideration and approval of the Electrical Reconstruction Committee.

(6) Using Italian labor and local materials, direct, administer and supervise construction work of rehabilitation and operate the power systems except those projects specifically assigned other agencies by AFHQ and except as provided in paragraphs 2d (2) and 2e (1).

(7) Will issue all orders necessary to implement the program to Italian Power Companies or other civilian agencies.

(8) Keep the Chief Engineer, AFHQ, advised of its activities.

d. AAI will:

(1) Cooperate with ACC in determining existence and condition of power plants and probable rehabilitation needs in the operational area.

2270

Declassified E.O. 12356 Section 3.3/NND No. 785019

(2) Insofar as practicable initiate, construct and operate such power installations within the operational area as it considers necessary, coordinating with plans of ATC.

(3) Advise the Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

c. CZ NATOUSA and Districts (Br.) under command AFHQ will:

(1) Initiate construct and operate such power installations as are required locally for their own activities.

(2) Undertake such general power rehabilitation projects as may be specifically assigned by AFHQ.

(3) Cooperate with ATC and AAI and render them such aid and assistance as is practicable within available means and without detriment to their own operations.

(4) Advise the Chief Engineer, AFHQ, of any power rehabilitation work undertaken.

3. Orders to implement plans will be issued through normal staff channels in respect to work for which military agencies are to be responsible.

4. The agencies mentioned above will furnish the required personnel from their own allotments.

By command of General WILSON

/S/ H.V. Roberts
H.V. ROBERTS,
Colonel, AGD
Adjutant General

Distribution
"C"

Declassified E.O. 12356 Section 3.3/NND No. 785019

ELECTRICAL RECONSTRUCTION COMMITTEE
MEMBERS ARE REPRESENTATIVES
Date - 22 November 1944

C.E., A.F.H.Q. - Maj.Gen.L. McCORMICK - Chairman

A.C.S. - Lt.Col.W.H.LANGER - Chief Elec.Div., P.B. & U. S.C., A.C.

MTOUSA - Lt.Col.C.CROLEY, C.E. Adv.Eng.Off., P.B.S.

D.W., S.A.L. - Lt.Col.A.W. AGE, M.B.E., R.E.

ALAG OFFICER WESTERN ITALY - Comdr. L.E.HOGBEN, R.N.

- - - -

Declassified E.O. 12356 Section 3.3/NND No. 785019

ELECTRIC PLANT CONDITION
CENTRAL ITALY
15 November - 1944

ELECTRICAL DIVISION
PUBLIC WORKS AND UTILITIES
Sub-Commission
HEADQUARTERS ALLIED COMMISSION
APO 394

Declassified E.O. 12356 Section 3.3/NND No. 785019

FOREWORD

The electricity situation in Rome continued to improve during the past two weeks.

The betterment has resulted from increased stream flow, and from the output of units recently started at the Cesprano and Farfa II plants. The maximum generated peak on the Rome network since Allied occupation occurred on the night of 15 November and was 50,000 kilowatts.

The Rome steam plants continue to have a reliable output of about 21,000 KW. Two turbines at the ACEA plant are now out of operation, one 3,000 KW unit because of distorted end bells and the 6,000 KW unit because of internal rubbing. It is hoped that the 3,000 KW unit will resume operation in two weeks; the damage to the 6,000 KW is not yet definitely known but it is estimated that repairs will take at least one month. The result is that there is considerable unused boiler capacity at the ACEA plant. It is expected that some of this capacity will be utilized in the Romana plant on 1st November when the new steam connection between the two stations is scheduled to be placed in operation.

At the moment, a heavy transmission line reconstruction program is being carried out in Central Italy under the direction of No. 1 District. Also, as the result of arrangements initiated by A.A.I. and the Allied Commission, repairs are being started on certain railway transmission lines needed for transporting energy.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Since 31 October the following generating Stations and transmission lines have been reported as resuming operation:

GENERATING STATIONS

Station	Additional Capacity KW	Present output of additional capacity - KW	Date reported
Farfa II	4.200	3.060	Nov.5th,1944
No.7 small Plants connected to the UNES Grid:			
Cipolla			
Orsatti			
Da Cecco			
Tavani			
Total	1.400	1.400	Nov. 6th.1944
Cesrano.....	9.000	3.500	Nov. 9th 1944
TOTAL	14.600	7.960	

TRANSMISSION LINES

	Length in Kilometers		Date reported
A.C.E.A.			
60 KV line between Paesscarese and Terni	10		Nov.2nd
150 KV line between Rome & Terni	0,500	10.500	"
S.R.E.			
60 KV line between Rome & Terni	0,350	0,350	"
U.N.E.S.			
30 KV line between Avezzano-Ortucchio Molina	62		
30 KV line between Aquila & Bussi	25	67.-	Nov.1st
TERNI			
120(70) KV line between Terni & Spoleto	21	2?.-	Nov.4th
SELT - Valdarno -			
30 KV line between Tavarnuzze and Castelnuovo Sabbioni(2nd circ)	27	27.-	Nov.7th
GRAND TOTAL	125,850 Kilometers	2265	

Declassified E.O. 12356 Section 3.3/NND No. 785019

TABLE "A"

Details of Generating Stations in Central Italy operating and connected to the Rome Grid as of 15 November, 1944.

Station	Plant Capacity KW	Normal Output KW	Present Output KW	Reasons for not maintaining normal output.
Arci	4,800	4,200	4,100	Low stream flow
Ceprano	9,000	9,000	3,500	5200 KW unit not yet repaired.
Comunacqua	8,000	7,000	4,600	Low stream flow
Fanfa II	4,200	4,200	3,000	Set not yet completely repaired.
Liri Paper Mill	5,000	3,000	1,100	One set destroyed
Nera Montoro	4,000	3,000	500	Low stream flow
Rome Thermal	49,000	39,000	24,000	At ACEA. 3 fuel oil boilers under repairs. First one expected to operate within few days One, 5,000 KW Diesel under repair. One 3000 KW turbine out because of distorted end bells on generator. One 5000 KW turbine out because of internal rubbing. Extent of damage to this machine not known yet. Shaft labyrinth badly damaged. Shaft alignment to be checked. At SRE - one 10,000 KW unit still vibrates badly.

2267

Declassified E.O. 12356 Section 3.3/NND No. 785019

(table "A" continued)

Station	Plant Capacity KW	Normal Output KW	Present Output KW	Reasons for not maintaining normal output
				Has operated during short periods, but is presently out while efforts being made to reduce vibration.
S. Savino	800	700	700	-
Scalelle	8,000	6,000	3,660	Low stream flow
Subiaco	7,000	3,500	3,300	One set destroyed. Low Stream Flow.
Tarquinia	340	300	175	Low transformer capacity.
Triponzo	850	500	500	-
Vosta	2,400	2,400	2,200	Low stream flow
Vulci	3,826	2,500	1,300	do
10 Plants Rome Area:				
Acquapalto				
Cardinale				
Corchiano				
Ferriera				
Forche				
Molino di Ponte				
Scarcato				
Terrano				
Valle Pietra	1,610	1,610	530	Low stream flow
Verza				
Total generating capacity operating and connected to Rome Grid as of 15 Nov. 1944			51,005	

2263

Declassified E.O. 12356 Section 3.3/NND No. 785019

T A B L E "B"

Details of generating stations in Central Italy, operating but not connected to the Rome Grid as of 15 November 1944.

Station	Plant Capacity KW	Normal Output KW	Present Output KW	Reasons for not maintaining normal output
Altolina	1,105	800	550	Low stream flow
Bolognola	2,750	1,375	650	"
Carassai	1,050	700	300	"
Cervara	9,640	8,000	6,400	Units damaged
Farinola	1,050	500	500	Two sets destroyed
Larderello and Castelnuovo	126,000	100,000	6,000	Units damaged
Nera Montoro	16,000	12,000	9,500	Low stream flow
Padaso	4,500	2,250	1,200	"
Pioraco	1,500	1,500	1,300	"
Rosignano	12,000	12,000	800	Damaged
Terni Ol.	3,150	150	150	Three units destroyed
Terni Plate	1,500	1,500	1,500	
Terni Steel	2,100	500	500	One unit destroyed.
2 Plants Rome Area				
- Fornovo				
- Valocusano				
Total	180	180	95	Low stream flow
25 Plants UNRRA Area				
Ambro				
Cenetra				
Castel Raimondo				
Cesa Palombo				
Cipolla				
Da Cesco				

2262

Declassified E.O. 12356 Section 3.3/NND No. 785019

(table "B" continued)

Station	Plant Capacity Kw	Normal Output Kw	Present Output Kw	Reasons for not maintaining normal output
Franciolini				
Lancinno				
Molino Agugliano				
Molino Nuovo				
Monte Molino				
M. S. Martino				
Orsatti				
Orvieto				
Pambuffetti				
Pieve Bovigliana				
Fiorano				
Ponte Felcino				
Ripabianca				
S.Giovanni Profiamma				
S.Maria Apparente				
Serafini				
Sugano				
Tevani				
Villa Potenza I				
Total	5,470	5,470	3,530	Low stream flow.
Total generating capacity operating but not connected to Rome grid as of 15 Nov.44			32,975	

2261

Declassified E.O. 12356 Section 3.3/NND No. 785019

T A B L E "C"

Comparison of Plant Capacity in kilowatts between Oct.31 & Nov.15

Station	October 31th		November 15th		Difference	
	Rome Grid KW	Non Grid KW	Rome Grid KW	Non Grid KW	Rome Grid KW	Non Grid KW
Altolina		550		550		
Arci	3.380		4.100		+720	-
Bagni Tivoli	250		-		-250	-
Bolognola	-	650	-	650	-	-
Cerasai		300		300	-	-
Cenrano	-	-	3.500	-	+3.500	-
Cervara	5.400	-	-	6.400	-	-
Comunegaua	1.460		1.600	-	+1.140	-
Farfa II	-	-	3.060		+3.060	-
Farinola	-	500	-	500	-	-
Fiorilla	700		700		-	-
Lar'arello & Castelnuovo	6.000		-	6.000	-	-
Liri Paper Mill	1.180	-	1.180	-	-	-
Mera Montoro	500	5.500	500	6.200		
Pe'nago		1.000		1.200	-	+ 200
Piorico	-	1.300	-	1.300	-	-
Rome Thermal	21.000		21.000			-
Rosignano	-	800	-	800		
S.Savino	700	-	700			
Sonelle	2.800	-	3.660		+860	
Subiaco	3.200		3.300		+100	
Terginia	175		175	-	-	-
Terni 01	-	150		150	-	-
Terni Pipe	-	1.500		1.500	-	
Terni Steel	-	500		500		
Tronzo	500	-	500		-	
Vaste	2.200	-	2.200	-	-	
Vulci	1.000	-	1.300		+300	

2260

Declassified E.O. 12356 Section 3.3/NND No. 785019

(Table "C" continued)

Station	October 31th		November 15th		Difference	
	Rome Grid KW	Non Grid KW	Rome Grid KW	Non Grid KW	Rome Grid KW	Non Grid KW
12 small Plants Rome Area (listed in Table A & B)	530	95	530	95	-	-
21 small plants UNES Area (listed in table B)	2.130		2.130	-	-	-
4 small plants UNES Area (listed in table B)				1.400		+1.400
NET TOTAL KW	41575	31375	51005	32975	+9430	+1600
Grand Total Including Rome Grid & non grid	72.950		83.980		11.030	

2259

Declassified E.O. 12356 Section 3.3/NND No. 785019

TABLE "D"

Detailed estimate of future electric Generating Capacity.

Station	Capacity increase kilowatts	Reason for increase
November 30		
Aurelia	500	Activation
Ceprano	5.500	Repairs and set
Cervara	3.200	Repairs
Farfa II	1.000	Completion of repairs.
Larderello	900	Repairs
Terni Jutif	1.100	do
December 15		
Aurelia	1.500	Mov. Transform
Acquoria	3.500	Mov. from Ceprano
Galleto	35.000	Repairs
Lama Peligna	1.000	do
Salvena	2.000	do
	7000	Stream Flow.
December 31		
Bagni Tivoli	300	Repairs
	5.000	Stream Flow
January 15, 1945		
Galleto	35.000	Repairs
Molina Aterno	300	Movement
Pettorano	320	Movement
Tarenta Peligna	4.500	Repairs

2258

Declassified E.O. 12356 Section 3.3/NND No. 785019

(Table "D" continued)

Station	Capacity increase kilowatts	Reason for increase
January 31		
Canterno	10.000	Repairs
February 28		
Galleto	35.000	Repairs
Ponte Fiume	3.200	do
Veramartello	3.750	do
March 15		
Castelnuovo	12.000	Repairs
Cerosa	4.000	do
	-10.000	Decreased Stream Flow.

2257

Declassified E.O. 12356 Section 3.3/NND No. 785019

T A B L E "E"

Recapitulation of Estimated Generating Capacity in kilowatts.

Reason for increase	Nov.30 KW	Dec.15 KW 1944	Jan.15 KW 1945	Feb.15 KW	Mar.15 KW
Repaired units	12.200	38.000	39.800	10.000	57.950
Transferred units	-	5.000	620	-	-
Changed Stream flow	-	7.000	5.000	-	-10.000
Total estimated increase in generating capacity over 15 Nov. 1944	12.200	82.200	107.620	117.620	165.570
Generating capacity as of 15 november 44	83.980	83.980	83.980	83.980	83.980
Total estimated generating capacity	96.180	146.180	191.600	201.600	249.550
The approximate break-down of which is					
Grid	58.005	105.005	144.305	154.305	186.505
Non -grid	38.175	41.175	47.295	47.295	63.045

2256

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

MEDITERRANEAN ALLIED COMMISSION
A.F.H.Q.
Public Works and Utilities Sub-Commission

Report by Lt.Col.W.M.LEITCH on his visit to U.S., U.K. and the possibility of obtaining portable electrical generating plant for Italy.

---

1) - In accordance with A.F.H.Q. instruction dated 21st September 1944 Lt.Col.L.C. JEBB and Lt.Col.W.M.LEITCH of the Public Works and Utilities Sub-Commission of Allied Commission proceeded to Washington on 24 September 1944 to present a requisition which had been approved by A.F.H.Q. for 60.000 KW of portable electrical generating plant for use in Central Italy.

2) - The first reaction in Washington was that while plant had been ordered for other theatres as a military requirement no request had previously been made for Italy, beyond the small operational units, and that the present pressure for plant was very great and also that it was most unlikely that A.F.H.Q. could deal with further orders.

3) - Washington stated that the requisition being for a civilian requirement would necessarily have a lower priority than the other Theatre Commanders requisitions which had been placed as a military requirement.

4) - It was ascertained that A.F.H.Q. could deal with further orders but that it would take eight to twelve months for delivery.

5) - Washington finally agreed that 40.000 KW of plant should be accepted as a military requirement and 20.000 KW as a civilian requirement.

6) - The floating power stations "B" "D" and "C" were discussed. Floater "D" and "D" are on the way to France and floater "C" (named Lendance) will be completed and sent to the Italian Theatre. It is unlikely that this ship of 25.000 KW capacity at 50 cycles will be in operation in Italy before April 1945.

2255

7) - Other plant which can be taken from the present production line and which will be in the Italian Theatre about February 1945 is as follows :

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

PLANT BUILT FOR GERMAN GOVERNMENT

3 x 1000 KW turbines (4 boilers).....	3.000 KW
2 x 1000 " " (3 ").....	2.000 "
4 x 1000 " " (4 ").....	4.000 "
3 x 2000 " " (3 ").....	6.000 "
TOTAL	15.000 KW

(a) the above are designed to operate in units and are 425 lbs pressure 750° F.;
(b) Transformers will be supplied to give outgoing voltage 9.0 KV;
(c) All plant 50 cycle.

8) - Lt.Col.W.M.LAPPER proceeded to London to continue discussions.

London view

(a) If plant is urgently required a military requisition is necessary.
(b) Plant is also required for other theatres and Italy cannot claim a very high priority.
(c) Suggested that the matter be discussed with SHAEF.

9) - While in London Lt.Col.W.M.LAPPER arranged for the Emergency Pool of Spares held by the Central Electrical Board to be made available to the Italian Theatre as and when required. This electrical equipment is listed in Catalogues brought over to A.C. by Lt.Col. W.M.LAPPER and includes large transformers and complete Sub-station equipment.

10) - Lt.Col.W.M.LAPPER proceeded to SHAEF Hq. Versailles and discussed the general electrical power position of France, Belgium, Holland and Italy with Lt.Col.W.CISLER (Lt.Col.Cisler is the Officer at G-5 SHAEF responsible for rehabilitation of utilities).

11) - Lt.Col.W.CISLER stated that 105.000 KW of portable generating plant had been ordered by the Military before "D" day and this together with the two 25.000 KW floating power stations was now becoming available. Lt.Col.CISLER promised that if the damage to Holland was not as bad as anticipated he would see what division of plant could be made to the Italian Theatre.

2257

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

TO SUBMARINE

(c) - If electrical generating plant is urgently required or required in a reasonable period of time it should be requisitioned as a military requirement.

(b) - Electrical stores required by A.C. for the Italian Power Companies should be requisitioned under a military requirement or alternatively supplied from military stocks and replaced by A.C.

(c) - The emergency equipment belonging to the Central Electrical Board England will be ordered for Italy as required, but even this may require a military requisition in order to compete with other theatres and to allow for prompt delivery.

(d) - The attached schedules show the amount of portable Diesel Electric Generating plant being produced in U.S. and U.K. and the date of completion.

E.M. Lauth

E.M.LAUTH
Lieut-Colonel
Chief Elec. Div.

Rome, 22nd November 1944

2257

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

11 Nov. 1944

STATUS OF
BRITISH EMERGENCY DIESEL ELECTRIC GENERATING
EQUIPMENT IN KW

Size in KW	Shipped and Loaded	In Port	Enroute To Port	Available At Plant	NOV.	DEC.	JAN.	FEB.	MARCH	TOTAL
75				2775	1800	450				5025
85	3230									3230
100						3100	10600			13700
150	900			1200	1350					3450
167								1670	1169	2839
200				400						400
248										
250										
300	1200			2700	900	1800				6600
313										
400								5200	1200	6400
418							836	1672	1672	4180
450	1800			900	1350					4050
900				1800						1800
TOTAL	7130			9775	5400	5350	11436	8542	4041	51674
GU. TOTAL	7130	7130	7130	16905	22305	27655	39091	47633	51674	51674

Tabulated from Cables WX 58480, 7 November and WX 56766, 3 November from AGWAR from SCHAEVILL TO SHAEF TO EISENHOWER.

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

11 Nov. 1944

STATUS OF
BRITISH EMERGENCY DIESEL ELECTRIC GENERATING
EQUIPMENT IN KW

Shipped and Loaded	In Port	Enroute To Port	Available At Plant	NOV.	DEC.	JAN.	FEB.	MARCH	TOTAL
			2775	1800	450				5025
3230									3230
					3100	10600			13700
900			1200	1350					3450
							1670	1169	2839
			400						400
1200			2700	900	1800				6600
							5200	1200	6400
						936	1672	1672	4180
1800			900	1350					4050
			1800						1800
7130			9775	5400	5350	12436	8542	4041	51674
7130	7130	7130	16905	22305	27655	39091	47633	51674	51674

Tabulated from Cables WX 52480, 7 November and WX 56766, 3 November from ACWAR from SOMERVILL
FOR EISENHOWER.

SECRET

11 Nov. 1944

status of

U.S. EMERGENCY DIESEL ELECTRIC GENERATING EQUIPMENT IN KW

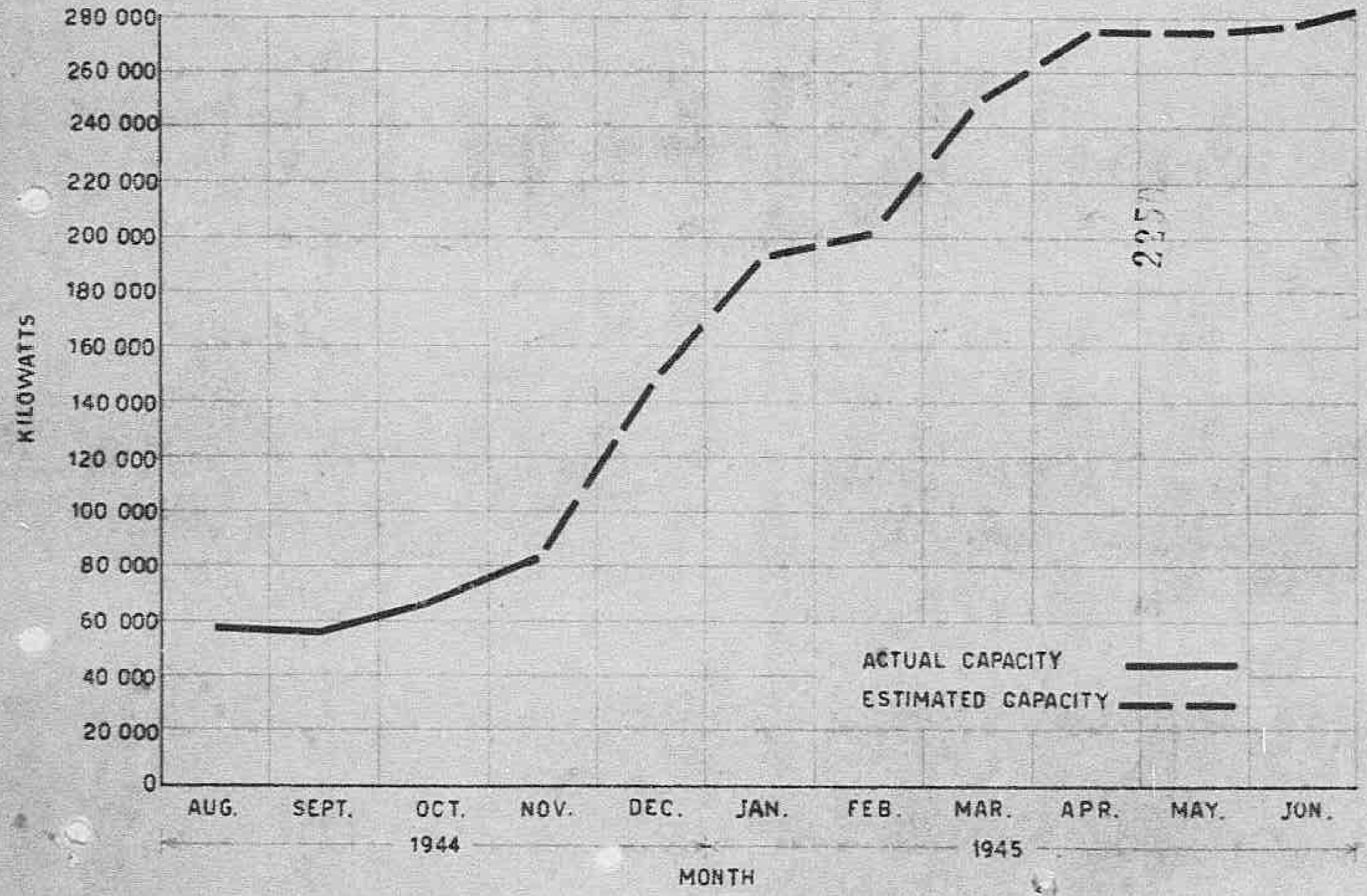
Size in KW	Shipped and loaded	In Port	Enroute to Port	Available At Plant	NOV.	DEC.	JAN.	FEB.	MAR.	TOTAL
75										
85										
100	3700	1300		800	2600	8900				17300
150										
167							3507	1670		5177
200										
248						248	744			992
250						1500	2000	500		4000
300										
313	1565		1565	2191						5321
400					800	4000	3200	400		8400
418						4180				4180
450										
500										
TOTAL	5265	1300	1565	2991	3400	18828	9451	2570		45370
CD. TOTAL	5265	6565	8130	11121	14521	33349	42800	45370	45370	45370

Tabulated from cables WX 58480, 7 Nov, and WA 56766, 3 Nov. from AGWAR from SOMERVILL to STARK TO EISENHOWER

AS

Declassified E.O. 12356 Section 3.3/NND No. 785019

MONTHLY INCREASE
ELECTRIC GENERATING CAPACITY
CENTRAL ITALY



Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

S E C R E T

ALLIED COMMISSION
A.I.B.394
Public Works and Utilities Sub-Commission

Report by Lt.Col.W.A.Lafferty on his visit to U.S., U.K. and the possibility of obtaining portable electrical generating plant for Italy.

---

1) - In accordance with A.F.H.Q. instruction dated 21st September 1944 Lt.Col.A.A. Jeffs and Lt.Col.W.A.Lafferty of the Public Works and Utilities Sub-Commission of Allied Commission proceeded to Washington on 24 September 1944 to present a requisition which had been approved by A.F.H.Q. for 60.000 KW of portable electrical generating plant for use in Central Italy.

2) - The first reaction in Washington was that while plant had been ordered for other theatres as a military requirement no request had previously been made for Italy, beyond the small operational units, and that the present pressure for plant was very great and also that it was most unlikely that W.P.B. could deal with further orders.

3) - Washington stated that the requisition being for a civilian requirement would necessarily have a lower priority than the other Theatre Commanders requisitions which had been placed as military requirement.

4) - It was ascertained that W.P.B. could deal with further orders but that it would take eight to twelve months for delivery.

5) - Washington finally agreed that 40.000 KW of plant should be accepted as a military requirement and 20.000 KW as a civilian requirement.

6) - The floating power stations "B" "D" and "C" were discussed. Floater "B" and "D" are on the way to France and floater "C" (224) will be completed and sent to the Italian Theatre. It is unlikely that this ship of 25.000 KW capacity at 50 cycles will be in operation in Italy before April 1945.

7) - Other plant which can be taken from the present reduction line and which will be in the Italian Theatre about February 1945 is as follows :

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

PLANT BUILT FOR CHINESE GOVERNMENT

3 x 1000 KW	turbines	(4 boilers).....	3.000	KW
2 x 1000 "	"	(3 ").....	2.000	"
4 x 1000 "	"	(4 ").....	4.000	"
3 x 2000 "	"	(3 ").....	6.000	"
		TOTAL	15.000	KW

(a) the above are designed to operate in units and are 425 lbs pressure 750° F.;
(b) Transformers will be supplied to give outgoing voltage 9.0 KV;
(c) All plant 50 cycle.

8) - Lt.Col.W.M.LAPPER proceeded to London to continue discussions.

London view

(a) If plant is urgently required a military requisition is necessary.
(b) Plant is also required for other theatres and Italy cannot claim a very high priority.
(c) Suggested that the matter be discussed with SHAEF.

9) - While in London Lt.Col.W.M.LAPPER arranged for the emergency pool of Spares held by the Central Electrical Board to be made available to the Italian Theatre of and when required. This electrical equipment is listed in Catalogues brought over to A.C. by Lt.Col. W.M.LAPPER and includes large transformers and complete Sub-station equipment.

10) - Lt.Col.W.M.LAPPER proceeded to SHAEF Hq. Versailles and discussed the general electrical power position of France, Belgium, Holland and Italy with Lt.Col.W.CISLER (Lt.Col.Cisler is the Officer at G-5 SHAEF responsible for rehabilitation of utilities).

11) - Lt.Col.W.CISLER stated that 105.000 KW of portable generating plant had been ordered by the Military before "D" day and this together with the two 25.000 KW floating power stations was now becoming available. Lt.Col.CISLER promised that if the damage to Holland was not as anticipated he would see what division of plant could be made to the Italian Theatre.

22/8

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

TO SUPERVISE

(a) - If electrical generating plant is urgently required or required in a reasonable period of time it should be requisitioned as a military requirement.

(b) - Electrical stores required by A.C. for the Italian Power Consuming should be requisitioned under a military requirement or alternatively supplied from military stocks and replaced by A.C.

(c) - The emergency equipment belonging to the Central Electrical Board England will be ordered for Italy as required, but even this may require a military requisition in order to compete with other theatres and to allow for prompt delivery.

(d) - The attached schedules show the amount of portable Diesel Electric Generating plant being produced in U.S. and U.K. and the date of completion.

F.M.L. FER
Lieut-Colonel
Chief Elec. Dtv.

Rome, 22nd November 1944

SECRET

11 Nov. 1944

STATUS OF
BRITISH EMERGENCY DIESEL ELECTRIC GENERATING
EQUIPMENT IN KW

2245

Size in KW	Shipped and Loaded	In Port	Enroute To Port	Available at Plant	NOV.	DEC.	JAN.	FEB.	MARCH	TOTAL
75				2775	1500	450				5025
85	3230					3100	10600			13700
100				1200	1350			1670	1159	3450
150	900									2859
167				400						400
200										
248										
250				2700	900	1800				6600
300	1200							5200	1200	6400
315							836	1672	1672	4180
400										1850
415				900	1350					
450	1800			1800						
900										
TOTAL	7130			9775	5400	5350	11436	8542	4041	51674
GU. TOTAL	7130	7130	7130	16905	22305	27655	39091	47633	51674	51674

Tabulated from Cables WX 58460, 7 November and WX 56766, 3 November from AGWAR from SOMERVELL TO SHAEF TO EISENHOWER.

Declassified E.O. 12356 Section 3.3/NND No. 785019

SECRET

11 Nov. 1944

status of

U.S. EMERGENCY DIESEL ELECTRIC GENERATING EQUIPMENT IN KW

Size in KW	Shipped and loaded	In Port	Enroute to Port	Available At Plant	NOV.	DEC.	JAN.	FEB.	MARCH	TOTAL
75										
85										17900
100	3700	1300		800	2600	8900				
150							3507	1670		5177
167										
200										992
248						248	744			
250						1500	2000	500		4000
300										
319	1565		1565	2191						5321
400					800	4000	3200	400		8400
428						4280				4280
450										
900										
TOTAL	5265	1300	1565	2991	3400	18828	9451	2570		45370
CU. TOTAL	5265	6565	8130	11121	14521	33349	42800	45370	45370	45370

Tabulated from cables WX 58480, 7 Nov, and WX 56766, 3 Nov. from ASWAF from SOMERVILL to SHAEF TO EISENHOWER

22/5

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

15

(Ltr, Hq AC/PWU dtd 24 Nov 44, file 171/PWU, subject: Electrical Reconstruction Committee (Italy)

1st Ind.

ENGINEER SECTION, AFHQ, APO 512, U. S. Army. 28 November 1944.

TO: Public Works and Utilities Sub-Commission, Headquarters Allied Commission, A.P.O. 394, U. S. Army.

Proposal contained in basic letter is approved.

For the Chief Engineer:

RECEIVED
PW & U SUB-C.A.C.
30 NOV 1944 171

R. M. EDGAR,
Colonel, C.E.,
Deputy Chief Engineer.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
Public Works and Utilities Sub-Commission

WML/ac

Reference : 171/ /PWU 24 Nov. 44
Subject : Electrical Reconstruction Committee (Italy)

To : C.E. - A.F.H.Q.

1) - With reference to the meeting of the E.R.C. (Italy) held in Rome on the 22nd Nov. 44 when membership of the committee was considered and it was agreed that District Three should be represented.

2) - Further consideration has been given to this matter and it is now thought that the Military Railway Service should also be included in the Committee.

3) - The reason for putting this forward for your consideration is that many of the transmission lines and some of the power plants which are being rehabilitated are owned by the Italian State Railway and are therefore under the control of the Military Railway Service. These lines and plants will for the time being be used in the general electrification scheme by arrangements of course with the Military Railway Service.

4) - The Military Railway Service officers have been most helpful to us in allowing us to work on their lines and plant which in some cases have been easier and quicker of rehabilitation than other plants in the area and also in the loaning of plant and machinery. It is clear that very close co-operation between A.C. Electrical Division and the M.R.S. will become increasing necessary as more lines and plant are made available for service and in fact duplication of work will be avoided by this close working arrangement.

5) -Subject to your agreement it is proposed to circulate the following minute to members for their approval so that it can be included in the draft minutes to be submitted to you.

Min. 2 - To consider the membership of the Committee

(a) - It was agreed that the Chief Engineer of District Three and the Director General Military Railway Service be invited to have a representative on the Committee.

W.M. Lapper

W.M.LAPPER
Lieut-Colonel
Chief Elec. Eng.

NOV 28 1944

Declassified E.O. 12356 Section 3.3/NND No. 785019

(Ltr, Hq AC/PWU dtd 24 Nov 44, file 171/PWU, subject: Electrical Reconstruction Committee (Italy)

1st Ind.

ENGINEER SECTION, APHQ, A.P.O 512, U. S. Army. 26 November 1944.

TO: Public Works and Utilities Sub-Commission, Headquarters Allied Commission, A.P.O. 394, U. S. Army.

Proposal contained in basic letter is approved.

For the Chief Engineer:

R. M. EDGAR,
Colonel, C.E.,
Deputy Chief Engineer.

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

Tel. 490851

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
Public Works and Utilities Sub-Commission

WML/ac

24 Nov. 44

Reference : 171/ /PWU

Subject : Electrical Reconstruction Committee (Italy)

To : C.E. - A. F. H. Q.

1)- With reference to the meeting of the E.R.C. (Italy) held in Rome on the 22nd Nov. 44 when membership of the committee was considered and it was agreed that District Three should be represented.

2) - Further consideration has been given to this matter and it is now thought that the Military Railway Service should also be included in the Committee.

3) - The reason for putting this forward for your consideration is that many of the transmission lines and some of the power plants which are being rehabilitated are owned by the Italian State Railway and are therefore under the control of the Military Railway Service. These lines and plants will for the time being be used in the general electrification scheme by arrangements of course with the Military Railway Service.

4) - The Military Railway Service officers have been most helpful to us in allowing us to work on their lines and plant which in some cases have been easier and quicker of rehabilitation than other plants in the area and also in the loaning of plant and machinery. It is clear that very close co-operation between A.C. Electrical Division and the M.R.S. will become increasing necessary as more lines and plant are made available for service and in fact duplication of work will be avoided by this close working arrangement.

5) - Subject to your agreement it is proposed to circulate the following minute to members for their approval so that it can be included in the draft minutes to be submitted to you.

Min. 2 - To consider the membership of the Committee
(a) - It was agreed that the Chief Engineer of District Three and the Director General Military Railway Service be invited to have a representative on the Committee.

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

2241

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081 LWL/sc 14

M E M O R A N D U M

Reference : 171/ /PWU 27 Nov. 44
Subject : Electrical Reconstruction Committee - Agenda

To : ECONOMIC SECTION
From : P.W. & U. Sub-Commission A.C.

1) - Attached herewith is agenda and material of the Electrical Reconstruction Committee held on 22nd Nov. 44 for your information.

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

enclosure : agenda

Tel.489051 ExtN.317 CONFIDENTIAL

P.W. & UTIL.S/C, A.C.
Electrical Division

File : E.R.C.

17 November 1944

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The first meeting of the Electrical Reconstruction Committee will be held at 1430 hours on Wednesday 22nd November 1944 in Room 16 - 8th floor A.C. Headquarters - Rome.

1) - Explenation by the Chairman regarding the functions of the Electrical Reconstruction Committee (Italy).

2) - To consider the membership of the Committee.

3) - To receive a report from AC of the progress of Electrical Rehabilitation Work and future planning.

4) - To receive a report from Lt.Col.W.W.LAPPER concerning the possibility of obtaining portable electrical equipment for use in the Italian theater.

5) - To consider the electrical situation in Northern Italy.

6) - Any other ~~discussions~~ business.

7) - To fix the date and time for the next meeting.

Note.- This letter was retyped to show corrections before being mailed

file

Secretary
Elec.Recon.Com.Italy
2234

Distribution

Declassified E.O. 12356 Section 3.3/NND No. 785019

16 - 8th floor A.C. Headquarters - Roma.

1) - Explanation by the Chairman regarding the functions of the Electrical Reconstruction Committee (Italy).

2) - To consider the membership of the Committee.

3) - To receive a report from AC of the progress of Electrical Rehebilitation Work and future planning.

4) - To receive a report from Lt.Col.W.M.LAPPER concerning the possibility of obtaining portable electrical equipment for use in the Italian theater..

5) - To consider the electrical situation in Northern Italy.

6) - Any other ~~discussions~~ business.

7) - To fix the date and time for the next meeting.

Note. - This letter was retyped to show corrections before being mailed

Table

Secretary
Elec.Recon.Com.Italy
2234

Distribution

C.E. - AFHQ
Lt.Col.Cooley - ST OUSA
Elec. Div. - A.C.
D.W. - A.A.I.
Flag Officer - R.N.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081

WAL/ec 12

M E M O R A N D U M

Reference : 171/ /PWU
Subject : Electrical Reconstruction Committee (Italy) 24 Nov. 44

To : DIRECTOR
From : Lt.Col.W.M.Lauder

1) - Attached is a copy of the agenda and data put before the Electrical Reconstruction Committee (Italy) at the meeting held in my office on Wednesday 22nd Nov. 1944.

2) - A very satisfactory meeting was held and when the minutes are prepared a copy will be submitted to you for your file.

3) - Would you please say if you desire copies of this matter to be sent to other Agencies or Sub-Commissions internal to A.C.

W.M.LAUDER
Lieut-Colonel
Chief Elec.Div.

Enclosures :
1 copy of agenda

2238

Tel.439081 ALLIED COMMISSION WEL/ee
A.F.H.Q. 394
Public Works and Utilities Sub-Commission

Reference : 171/ /PWU 21 Nov. 44
Subject : Electrical Reconstruction Committee (Italy)

To : C.E. - A.F.H.Q.

1) - With reference to the meeting of the E.R.C. (Italy) held in Rome on the 22nd Nov. 44 when membership of the committee was considered and it was agreed that District Three should be represented.

2) - Further consideration has been given to this matter and it is now thought that the Military Railway Service should also be included in the Committee.

3) - The reason for putting this forward for your consideration is that many of the transmission lines and some of the power plants which are being rehabilitated are owned by the Italian State Railway and are therefore under the control of the Military Railway Service. These lines and plants will for the time being be used in the general electrification scheme by arrangements of course with the Military Railway Service.

4) - The Military Railway Service officers have been most helpful to us in allowing us to work on their lines and plant which in some cases have been easier and quicker of rehabilitation than other plant in the area and also in the loaning of plant and machinery. It is clear that very close co-operation between A.C. Electrical Division and the M.R.S. will become increasing necessary as more lines and plant are made available for service and in fact duplication of work will be avoided by this close working arrangement.

5) -Subject to your agreement it is proposed to circulate the following minute to members for their approval so that it can be included in the draft minutes to be submitted to you.

Min. 2 - To consider the membership of the Committee
(a) - It was agreed that the Chief Engineer of District Three and the Director General Military Railway Service be invited to have a representative on the Committee.

W.M.LAMB
Lieut-Col.
Chief Elec. Div.

2237

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
PUBLIC WORKS AND UTILITIES SUB-COMMISSION

LWL/ac

Reference : 171/ / /PWU
Subject : Agenda 2nd meeting
Electrical Reconstruction Committee

10 Nov. 44

To : C.E. - A.F.H.Q.

1) - Attached for your consideration and approval is a proposed Agenda for the meeting of the Committee.

2) - The committee had one meeting on the 8th August 44 under the Chairmanship of Major General N.A. Coxwell-Rogers, a copy of which is enclosed. Reference is therefore made to this meeting in the proposed Agenda.

3) - It is suggested, when approved, that this Agenda be sent to the Committee members at once informing them that the acutal meeting date will be announced as soon as it can be determined.

E.J.BARRY
Major, C.E.
Acting Chief Elec.Div.

enclosures :
2 copies of proposed agenda
1 copy of minutes of 8th August 44

Tel. - Rome 499081 Ext.317

Copy N°

10A

File : E.R.C.

P.W. & Util. S.C., AC

_____Nov. 44

cancelled
See Folio 13

ELECTRICAL RECONSTRUCTION COMMITTEE - AGENDA

The second meeting of the Electrical Reconstruction Committee will be held at _____ hours on _____ _____ Nov. 44 in the Cafeteria Conference Room 27, on the first floor Headquarters Allied Commission to consider the following agenda :

1) - Minutes of meeting held on Tuesday 8th August 1944.

2) - To receive report from Allied Commission on the present electrical situation including the availability of electricity, the present condition of electric facilities, the reconstruction projects now underway, and an estimate of the situation as of 31 March 1945 and 31 December 1945.

3) - To receive and review plans prepared by the Allied Commission covering electric rehabilitation up to 31 December 1945.

4) - To receive a report from the Allied Commission as to the possibility of importing portable electric generating equipment for Central Italy.

5)- To receive and review a plan prepared by the Allied Commission concerning the use of portable electric generating equipment.

6) - To receive preliminary report concerning the availability in North Italy of Swiss generated electricity over existing inter connections.

7) - Consider change in local material procurement methods for electric rehabilitation work.
(a) to place the bidding for this class material on the same plane as the military instead of being subordinate to military demands and bidding.
(b) To make available to this agency on direct requisition, electrical repair material in stock of British and American Engineer Depots.
(c) To make available to this agency materials controlled by Allied Force Local Resources Board by direct application.

Declassified E.O. 12356 Section 3.3/NND No. 785019

will be held at _____ hours on _____ in
Conference Room 27, on the first floor Headquarters Allied Commission to consider the following agenda :

1) - Minutes of meeting held on Tuesday 8th August 1944.

2) - To receive report from Allied Commission on the present electrical situation including the availability of electricity, the present condition of electric facilities, the reconstruction projects now under way, and an estimate of the situation as of 31 March 1945 and 31 December 1945.

3) - To receive and review plans prepared by the Allied Commission covering electric rehabilitation up to 31 December 1945.

4) - To receive a report from the Allied Commission as to the possibility of importing portable electric generating equipment for Central Italy.

5)- To receive and review a plan prepared by the Allied Commission concerning the use of portable electric generating equipment.

6) - To receive preliminary reports concerning the availability in North Italy of Swiss generated electricity over existing inter connections.

7) - Consider change in local material procurement methods for electric rehabilitation work.
(a) to place the bidding for this class material on the same plane as the military instead of being subordinate to military demands and bidding.
(b) To make available to this agency on direct requisition, electrical repair material in stock of British and American Engineer Depots.
(c) To make available to this agency materials controlled by Allied Force Local Resources Board by direct application.
(d) The importation of basic materials needed in repair work.

8) - To receive report from AAI as to power rehabilitation planned on reconstruction in forward areas.

9) - Emergency plant equipment for North Italy totaling 100,000 KW.

10) - Map North Italy showing location of generating plants, installed capacity and present condition if known. Data to be prepared by Regions and to be furnished to all organizations interested there in.

11) - Any other business.

12) - To set a date for the next meeting.

Secretary,
Electrical Reconstruction Committee

Distribution :

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

171 C2

7 NOV Read 2345

HQ ALLIED ARMIES IN ITALY

Tel : FILEY

2119 /IV

31 Oct 44.

SUBJECT:- Electric Power Reconstruction in A.A.I. Area.

CG 5 Army (for Engr) (2 copies).
CG 5 Army (for Engr - ADW Br Incre.)
P.B.S.
1 District
73 C&E Works
HQ ACC, APO 400.
Region 8 ACC (for Regional Engr).
AMG 5 Army.

Herewith copies of minutes of the conference held in the Vadarno Electric Power Company's office on Oct 24th.

Information on action taken in para's 4 and 5 will be forwarded in the near future.

Lt Col Rapp

A.W. PAGE
Lt.Col., R.E.,
For Brigadier,
Director of Works.

2235

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel:489081

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

LWL/tr

SUBJECT : Electrical Reconstruction Committee. 9 Aug 1944.

TO : DDW HQ. AAI
(att: Lt. Col. W.A.R.Smith)

1. Attached draft minutes of Electrical Reconstruction Committee meeting held at Office of C.E.HQ. AAI Tuesday 8th August 1944.

2. If you are in agreement will you please pass to CE.HQ.AAI for his approval, on receipt of which I will circulate to members.

W.M.LAPPER,
Lieut-Colonel,
Vice-Chairman

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

DRAFT.

Minutes of the first meeting of the Electrical Reconstruction Committee held at the office of the CE HQ AAI at 14:15 hours on Tuesday 8th August 1944.

Present:

Major General N.A. Cornwell Rogers	Chairman
Lt.Col. W.M. Lapper	Vice Chairman
Lt.Col. W.A.R. Smith	D.D.W.
Lt.Col. G. Cooley	C.E.S.
Comdr. L.E. Hoggan	R.N.
Major E.J. Barry	A.C.C.

Min. 1. Organisation of Electrical Reconstruction Committee Italy.

The Chairman Stated that the Central Electrical Board had been abolished and its functions taken over by the Electrical reconstruction committee Italy. The members present would constitute the committee, but other persons would be invited to attend as and when occasion arose.
A letter regarding this matter was shortly to be circulated to all concerned.
A draft letter outlining the organisation of the new committee and setting up Area Advisory Committees was discussed. It was agreed that the C.A.C. A.A.I. be asked to circulate the letter to the services concerned.
A.C.C. would on receipt of the letter pass the necessary information to the Italian Government and the Electrical Companies.

Min. 2. Review of electrical reconstruction programme.

The reconstruction programme at present being carried out was discussed. The Chairman Stated that it would be necessary to withdraw the military assistance from the Matese II plant.
It was left to A.C.C. to decide whether the Alto Belice [illegible] was still to be installed at Matese II. The Vice

Declassified E.O. 12356 Section 3.3/NND No. 785019

Major General N.A. Corwell Rogers		Chairman
Lt.Col. W.E. Lapper		Vice Chairman
Lt.Col. W.A.B. Smith		D.D.W.
Lt.Col. G. Cooley		O.B.S.
Comdr. L.E. Hoggan		R.N.
Major E.J. Barry		A.C.C.

Min. 1. Organisation of Electrical Reconstruction Committee Italy.

The Chairman Stated that the Central Electrical Board had been abolished and its functions taken over by the Electrical reconstruction committee Italy. The members present would constitute the committee, but other persons would be invited to attend as and when occasion arose.
A letter regarding this matter was shortly to be circulated to all concerned.
A draft letter outlining the organisation of the new committee and setting up Area Advisory Committees was discussed. It was agreed that the C.A.C. A.A.I. be asked to circulate the letter to the services concerned. A.C.C. would on receipt of the letter pass the necessary information to the Italian Government and the Electrical Companies.

Min. 2. Review of electrical reconstruction programme.

The reconstruction programme at present being carried out was discussed. The Chairman Stated that it would be necessary to withdraw the military assistance from the Matese II plant.
It was left to A.C.C. to decide whether the Belice plant was still to be installed at Matese II. The Vice Chairman agreed to communicate with Società Meridionale di Elettricità regarding this matter. Commander Hoggan requested that the field Coils belonging to the Matese I plant under repair at Naval - Meccanica be sent so that the Rotor balancing could be completed. Major Barry agreed to make the necessary arrangements. Major Barry stated that he desired the Bailey bridge to remain in the road from Matese II until the plant had been removed to date. The Chairman agreed for this to remain. Lt.Col. Smith to make the necessary arrangements.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Min. 3. Proposal for restoration of electricity supplies.

The Vice Chairman explained that A.C.C. engineers had now made a preliminary survey of the electrical Generating facilities in Central Italy. It was perfectly clear that if rapid rehabilitation was to be done sufficient to allow a reasonable amount of electrical energy to be made available for the Military and essential Civilian Services it was necessary to consider the importation of electrical Generating plant.
After a discussion it was resolved that:-

Having given due consideration to the present electricity supply position, affecting both military and essential civilian needs, and the possibility of early rehabilitation of elmtrical plant and equipment damaged by war action, this Committee recommends that steps be taken for the early importation of 60,000 KW of electrical generating plants for use in this Theater of Operations.
In view of the urgency of the matter it is recommended that floating Power plants, if available, should be provided.

W.M. LAPPER,
Lieut-Colonel,
Vice Chairman
Electrical Reconstruction
Committee, Italy.

Declassified E.O. 12356 Section 3.3/NND No. 785019

to the present electricity supply position, affecting both military and essential civilian needs, and the possibility of early rehabilitation of electrical plant and equipment damaged by war action, this Committee recommends that steps be taken for the early importation of 60,000 KW of electrical generating plants for use in this Theater of Operations.

In view of the urgency of the matter it is recommended that floating Power plants, if available, should be provided.

W.M. LAPPER,
Lieut-Colonel,
Vice Chairman
Electrical Reconstruction
Committee, Italy.

2238

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

5

Subject: Electrical Reconstruction Committee

To: DDW (thru HQ AFI Comptroller)

1. Attached draft of minutes of Electrical reconstruction Committee meeting held at Office of CE HQ AFI Tuesday, 8 Oct. Request you please [illegible] for the Approval [illegible] agreement.

2. [illegible] Upon approval by CE, AFI the [illegible] will be [illegible] by the [illegible] Chairman [illegible] by the Committee [illegible]

(2) If you are in agreement with the [illegible] CE, HQ, AFI for his [illegible]

meeting Letter of Offer of 8th August 1949

Yesterday

(1) Will you please ~~arrange~~ ~~for~~ obtain approval of the ~~proposed~~ above ~~agreement~~ ~~as soon as possible~~.

(2) If you are in agreement will you please pass IE E.H.O. AAI for his approval, on receipt of which 223 will ~~be~~ issued as numbered

(3) ~~After approval by E.E. AAI the~~ ~~amended~~ ~~SO~~ ~~to be circulated by~~ ~~to all concerned~~

~~Two copies of the letter approved by the Committee are attached~~

~~(2) If you are in agreement will you please pass to E.E. H.O. AAI for his approval, on receipt of which 223 will be issued as numbered~~

~~(3) After approval by E.E. AAI the amended SO to be circulated by

Suggested letter to be sent by G4D, A.A.I., to the following services. A.C.C. will, on receipt of the letter, make the necessary arrangements for representatives from the Italian Government and the Electrical Power Companies to be informed of the committee.

---

1. Your attention is directed to the letter ref. dated in which it is stated that the Central Electrical Board is dissolved and replaced by a Committee called the 'Electrical Reconstruction Committee Italy'.

2. The first meeting of the 'Electrical Reconstruction Committee Italy' was held at HQ., A.A.I., on 8 Aug 44, when it was agreed that the rehabilitation work could best be dealt with by a certain amount of decentralisation under which arrangement Area Advisory Committees, after examination of schemes would recommend that work be carried out leaving the Electrical Reconstruction Committee to give consideration to the over-all problem of Italian electrification.

3. The Area Committees will be known as "Advisory Committees on Italian Electrification" and they will operate in the following areas:

(a) South Italy:
Advisory Committee on Italian Electrification, meetings to be held at NAPLES,

(b) Central Italy:
Advisory Committee on Italian Electrification, meetings to be held in ROME.

(c) North Italy:
Advisory Committee on Italian Electrification, meetings to be held at a place to be notified later dependent upon operational conditions.

4. The "Advisory Committee on Italian Electrification" will be composed of representatives from the following:

(a) Chief Engineers Army Districts involved,
(b) Base Sections involved,
(c) Royal Navy,
(d) Allied Control Commission,
(e) Area Electrical Advisor Italian Government,
(f) Chief Engineers electrical power companies involved.

5. The general procedure will be for the Electrical Division of the Public Works and Utilities Sub-Commission of Allied Control Commission to develop schemes in conjunction with the electrical power companies for the rehabilitation of electricity supplies within each advisory area. Complete schemes together with supporting technical data and justification will be in the hands of each member of the area advisory committee seven days prior to the date of the meeting.

6. The Vice-Chairman of the 'Electrical Reconstruction Committee Italy' will be ex officio Chairman of each of the area committees. He will be responsible for the calling of committee meetings, provision of secretariat and [illegible]

Declassified E.O. 12356 Section 3.3/NND No. 785019

best be dealt with by a certain amount of decentralisation under which arrangement Area Advisory Committees, after examination of schemes would recommend that work be carried out leaving the Electrical Reconstruction Committee to give consideration to the over-all problem of Italian electrification.

3. The Area Committees will be known as "Advisory Committees on Italian Electrification" and they will operate in the following areas:

(a) South Italy:
Advisory Committee on Italian Electrification, meetings to be held at NAPLES,

(b) Central Italy:
Advisory Committee on Italian Electrification, meetings to be held in ROME,

(c) North Italy:
Advisory Committee on Italian Electrification, meetings to be held at a place to be notified later dependent upon operational conditions.

4. The "Advisory Committee on Italian Electrification" will be composed of representatives from the following:

(a) Chief Engineers Army Districts involved,
(b) Base Sections involved,
(c) Royal Navy,
(d) Allied Control Commission,
(e) Area Electrical Advisor Italian Government,
(f) Chief Engineers electrical power companies involved.

5. The general procedure will be for the Electrical Division of the Public Works and Utilities Sub-Commission of Allied Control Commission to develop schemes in conjunction with the electrical power companies for the rehabilitation of electricity supplies within each advisory area. Complete schemes together with supporting technical data and justification will be in the hands of each member of the area advisory committee seven days prior to the date of the meeting.

6. The Vice-Chairman of the "Electrical Reconstruction Committee Italy" will be ex officio Chairman of each of the area committees. He will be responsible for the calling of committee meetings, provision of secretariat and for presentation of electrical development schemes to the committees.

7. As additional supplies of electricity are most urgently required for military and essential civilian services, it is requested that all members of the Area Advisory Committees will do everything possible to give assistance to the electrical companies in the carrying out of schemes for rehabilitation work.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tilo

71 4A

FROM, POSIT

NR, ACC

1350

PROTECTED

PRIORITY

042150

Public Works and Utilities

PERSONNEL OF YOUR REPRESENTATIVE REQUESTED AT FIRST MEETING ELECTRICAL RECONSTRUCTION CONTINUED ITEM TO LATER TO BE USA FIELD FORCE HQ AGO FOR LATER GIVING DETAILS AND NAME BOARD. MEETING CALLED AT REQUEST OF CHIEF ENGINEER AAI AND WILL BE HELD IN HIS OFFICE AT MAIN HQ AAI AT 1115 HOURS EIGHT AUGUST TO WORK OUT DETAILED ARRANGEMENTS FOR ASSISTING CENTRAL ELECTRICAL BOARD FUNCTIONS WILL BE EXPLAINED AT MEETING

2237

Declassified E.O. 12356 Section 3.3/NND No. 785019

WMI/ff

Tel: 489001

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

5 August 1944.

ACC/171/PWU

SUBJECT: First Meeting, Electrical Reconstruction Committee, Italy.
TO : Distribution below.

1. A meeting will be held in the office of the C.E., H.Q., A.A.I., 4th floor, at 1415 hours on Tuesday, 8 August 1944.

2. As this is the first meeting of the Electrical Reconstruction Committee, Italy, it is hoped that arrangements can be made for your representative to be in attendance.

AGENDA

3.

(a) To discuss the purpose and organization of the Electrical Reconstruction Committee, Italy.

(b) To review the present electrical reconstruction programme.

(c) To consider a proposal for restoration of electricity supplies.

(d) Any other business.

W. M. LAPPER,
Lieut-Colonel,
Vice Chairman
Electrical Reconstruction
Committee, Italy.

DISTRIBUTION:
C.E., H.Q. A.A.I.
C.C., P.B.S.
D.W. H.Q. A.A.I.
Flag Officer Western Italy.
H.Q. A.C.C. Economic Sect.
File.

2230

Declassified E.O. 12356 Section 3.3/NND No. 785019

WML/ow

Tel. 489081

HEADQUARTERS
ALLIED CONTROL COMMISSION
Economic Section
APO 394

30 July 1944

ACC/171/PWU

Subject: Central Electrical Board.

To : H.Q., A.A.I.
Attention C.E.

1. Reference copy of letter from C.A.C., A.A.I. 2131/Q2 dated 22 July 1944.

2. It is requested that in future communications :-

(a) The Vice Chairman and permanent Secretariat of the E.R.C. Italy, will be shown as furnished by A.C.C.

(b) In the composition of the Committee, Lt. Col. W.M. Lapper should be shown as Chief, Electrical and Util. Div. Public Works and Utilities Sub-Commission A.C.C.

3. Since the question of electrical rehabilitation in Italy is of major importance, it is imperative that everything possible should be done to facilitate the work in connection with this matter. Upon receipt of confirmation that the C.E.B. functions are to be taken over by A.C.C. it is requested that instructions be issued to the effect that all files, personnel and transport be handed over to the Public Works and Utilities Sub-Commission, A.C.C.

FOR CAPTAIN STONE (U.S.N.R.)

WILLIAM O'DWYER,
Colonel, A.C.
Vice-President,
Economic Section.

C.C. to P.W. & U S-C.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 41900

HEADQUARTERS
ALLIED CONTROL COMMISSION
Economic Section
APO 394

ACC/158/PWU

28 July 1944.

SUBJECT: Central Electrical Board.
TO : Major, A.A.I.
Attention C.H.

1. Reference copy of letter from C.A.O., A.A.I. 2131/CA dated 22 July 1944.

2. It is requested that in future communications the following designations be used:-

(a) The Vice Chairman and permanent Secretariat will be nominated by A.C.C.

(b) In the composition of the Committee, Lt. Col. F. H. Lepper should be shown as Chief, Electrical and Util. Div., Public Works and Utilities Sub-Commission, A.C.C.

3. Since the question of electrical rehabilitation in Italy is of major importance, it is imperative that everything possible should be done to facilitate the work in connection with this matter. Upon receipt of confirmation that the C.E.B. functions are to be taken over by A.C.C. it is requested that instructions be issued to th effect that all files, personnel (except Col. Crowden) and transport be handed over to the Public Works and Utilities Sub-Commission, A.C.C.

4. The question of taking over the files and transport is considered by us to be of extreme importance.

FOR CAPTAIN SMITH (U.S.N.R.)

WILLIAM O'DWYER
Colonel, A.C.
Vice-President,
Economic Section

cc to P. W. & U.S-C.

C-O-P-Y

28 JUL Recd
051 CeB.

MAIN HQ ALLIED [illegible] IN ITALY,
C.M.F.

2131/92

22 Jul 44.

A.F.H.Q.,
C.M.F.

Central Electrical Board

With reference to your CAO/701 of 1 Jul. As a result of discussions held since with C.A.O. and the Acting Chief Commissioner, A.C.C., it has been decided to recommend the abolition of the present Central Electrical Board. In its place it is proposed to set up a Committee of which the Chairman will be Chief Engineer, A.A.I., the Vice Chairman and permanent Secretariat being found from the Electrical Sub-Commission A.C.C. A draft for bringing the above into effect is attached, and it would be appreciated if you would give your approval to this as soon as possible when it will be issued by this HQ and AFHQ Adv. Adm. Echelon Administrative Instruction No. 27 of 3 Feb 44 will be cancelled.

/S/ D.H. ROBERTSON
Major-General,
Chief Administrative Officer.
for Commander in Chief

Copy to Acting Chief Commissioner, A.C.C.
Chief Engineer, HQ A.A.I.

DRAFT

1. The Central Electrical Board, ITALY, is dissolved. It will be replaced by a committee which will be known as "The Electrical Reconstruction Committee, ITALY".

2. The composition of this Committee will be as follows:-

Chairman	-	Chief Engineer, A.A.I.
Vice Chairman	-	Chief Electrical Engineer, A.C.C.
Members	-	one representative each from Royal Navy, Directorate of Works. A.A.I., P.B.S., A.C.C.

This committee may call upon representatives of Armies and Districts to attend 22 22 sittings when required.

3. The functions of the Committee will be:-

(a) To consider and approve projects for the rehabilitation of electricity

Declassified E.O. 12356 Section 3.3/NND No. 785019

to this as soon as possible when it will be issued by [illegible]
Echelon Administrative Instruction No. 27 of 3 Feb 44 will be cancelled.

/S/ B.H. ROBERTSON
Major-General,
Chief Administrative Officer.
for Commander in Chief

Copy to Acting Chief Commissioner, A.C.C.
Chief Engineer, HQ A.A.I.

DRAFT

1. The Central Electrical Board, ITALY, is dissolved. It will be replaced by a committee which will be known as "The Electrical Reconstruction Committee, ITALY".

2. The composition of this Committee will be as follows:-

Chairman	-	Chief Engineer, A.A.I.
Vice Chairman	-	Chief Electrical Engineer, A.C.C.
Members	-	one representative each from Royal Navy, Directorate of Works. A.A.I., P.B.S., A.C.C.

3. The committee may call upon representatives of Armies and Districts to attend sittings when required.

4. The functions of the Committee will be:-

(a) To consider and approve projects for the rehabilitation of electricity supplies throughout ITALY, SICILY and SARDINIA.

(b) To co-ordinate the work of the Military and civil agencies in the reconstruction of the electric power system.

5. Orders to implement plans agreed by the Committee will be issued through normal Staff Channels in respect of work for which Armies or Districts are to be responsible. Orders to civil electric Power Companies will be issued by A.C.C.

Declassified E.O. 12356 Section 3.3/NND No. 785019

1812