

2369

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

785017

ACC

10000/109/1000

ADVISORY
FEB. - SE

2 3 7 0

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

785017

10000/109/1000

ADVISORY COMTEE ON ELECTRIC POWER
FEB. - SEPT. 1945

574
50 (cont'd)

Operation programs and allocation of power: Programme agreed upon and it was suggested the load be reduced due to abnormally dry weather during 1945.

10 July 45

Excluded
SSS

51.10.17

67

Minutes of Meetings of the Advisory Committee on Electric Power
(Southern Italy & Northern Italy) can be seen from SSS-48.
Paragraphs of interest have been marked.

The recommendations

in P 86 are taken
10.8.45. have.

PPH

51.10.17

775 (18.8)

31

80

SSS

Please see files 79. Paragraphs of interest are underlined

SSS 7/9 SA 10/11

10.8.45

51.10.17

C60- Files 84-87, weekly report of Advisory Committee on Electric Power (AEP) for info. High spots marked. Report indicates only 1945.

End 26/9

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

785017

2371

2372

785017

Excluded
Sec

69.

Minutes of Meetings of the Advisory Committee on Electric Power
(Southern Italy & Northern Italy) can be seen from 55-63.
Passages of interest have been marked.

The recommendations
in P 86 are rather
vague.

5/10/8. 778 (18/8)

80

680

Please see files 79. Passages of interest are underlined

Sub 7/9 SA 10/11

1000 pgs 27/9. 90

C80- Folios 84-81 weekly report of Advisory
Committee on Electric Power (N.E.) for info.
High spots marked. Report in circles and squares.

Emu 20/9

FN 3/10. 96

C80- Folios 91-95 for info. Highlights marked
Emu 7/10

2375

785017

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

49

C.S.O.:

Resume of Minutes of Meeting of Advisory Committee on Electric Power (Central Italy) held on 18 June 45.

Rehabilitation

1. It was stated transmission system in Bologna-Firenze area proceeding satisfactorily.
2. It was considered that North Italy plant manufacturers should now be used in the repairs to plants.
3. It was reported that serious water leakage exists at Canterno and 500 tons of cement are urgently required to carry on repairs.
4. The third 35,000 KW unit at Galleto will be ready for operation about 20 July.
5. The Vomano project could not resume operation until cement was made available.
6. Montecatini at Cengio was thought could supply bakelite tubes needed for Terni Co.
7. A report on the operation of the Central Italy grid system showed: energy from the North was first conveyed from the Ligonchio station providing additional 10 MW for Central Italy; frequency raised from 45 to 46 cycles on June 15 in order to meet UNES and VALDARNO requirements.
8. Colonel Lapper reported that a notice had been inserted in the newspapers warning consumers of change in frequency in Central Italy from 45 to 50 cycles.
9. It was reported shortage of transport is still seriously affecting rehabilitation program of electric companies. It was recommended quick action be taken to settle this question as soon as possible.

2 July 45

A. B. ARNOLDY
Capt, Sp Res

Si 47

50574

C.S.O.:

Resume of the minutes of the Advisory Committee on Electric Power (Southern Italy) held on 20 June 45, Naples.

It was reported that Italian military personnel for clearing mines had been withdrawn from Colli Volturno and sent to the North. To avoid delay in repairing transmission line, it was urged this personnel be sent back to South as soon as possible.

Report on repairs to Societa Meridionale di Elettricit  pointed out that shortage of copper and insulating material is delaying work. It was recommended that a list of factories in Northern Italy engaged in repair work of electrical systems be submitted to AC in order that steps be taken to supply raw materials to those factories.

3. It was reported that serious water leakage exists at Canterno and 500 tons of cement are urgently required to carry on repairs.

4. The third 35,000 KW unit at Galleto will be ready for operation about 20 July.

5. The Vomano project could not resume operation until cement was made available.

6. Montecatini at Gengio was thought could supply bakelite tubes needed for Terni Co.

7. A report on the operation of the Central Italy grid system showed: energy from the North was first conveyed from the Lisenchio station providing additional 10 MW for Central Italy; frequency raised from 45 to 46 cycles on June 15 in order to meet UNES and VALDARNO requirements.

8. Colonel Lapper reported that a notice had been inserted in the newspapers warning consumers of change in frequency in Central Italy from 45 to 50 cycles.

9. It was reported shortage of transport is still seriously affecting rehabilitation program of electric companies. It was recommended quick action be taken to settle this question as soon as possible.

2 July 45

AB
A. B. ARNOLDY
Capt, Sp Res

Si 47
4873
C.S.O.:

Resume of the minutes of the Advisory Committee on Electric Power (Southern Italy) held on 20 June 45, Naples.

It was reported that Italian military personnel for clearing mines had been withdrawn from Colli Volturno and sent to the North. To avoid delay in repairing transmission line, it was urged this personnel be sent back to South as soon as possible.

Report on repairs to Societa Meridionale di Elettricit  pointed out that shortage of copper and insulating material is delaying work. It was recommended that a list of factories in Northern Italy engaged in repair work of electrical systems be submitted to AC in order that steps be taken to supply raw materials to those factories.

Discussions now in progress with Ministry of Transports to obtain vehicles for various companies.

Delays reported in Sub-station repair due to shortage of bakelite tubes for transformers. Investigation in progress: report to be submitted to AC.

2375

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

785017

40

Follow 37 thru 39 noted

APR 2/6/45

6.1.0

45

Results of minutes of Advisory Committee on Electric Power
for Central Italy :-

1. Colonel Langer informed Committee situation electric power good with little damage to electrical generating plants and transmission systems. Serious damage mostly in battle areas.
2. Colonel Langer stated arrangements being made for transmission 100,000 kilowatt power from north Italy to central Italy to be imported at 50 cycle frequency. Because of this, desirable frequency of central Italy be raised to 50 cycles. This point being important Eng. Masturno from the Southern Italy Advisory Committee and Eng. Silva of the Associazione Mercanti Energie Elettriche (AMIE) and Eng. Properi of State Railways were invited to attend. It was agreed to make this change.



A. B. ARNOLD
Captain

9 June 1945

Tranks.

44972
14/6

ITALY ELECTRICITY SCHEME

Telephone

Rome 489081 - Ext. 317

28 September 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The ninth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0930 hours on Monday September 17th, 1945 in the offices of Società Romana di Eletticità - Via Poli - Rome.

Present :

Dr. Eng. A. Rovelli	- Acting Chairman
Prof. Eng. A. Asta	- Vice Chairman
Dr. Eng. G. Angelucci	- Member
Prof. Eng. A. Angelini	- "
Dr. Eng. C. Fascetti	- "
Dr. Eng. G. Landucci	- "
Dr. Eng. E. Virgili	- Secretary
Dr. Eng. F. Berluzzi	- In attendance
Lt. Col. V.S. Renton	- "
Dr. Eng. D. Pietromarchi	- "

56) - Minutes of the eighth meeting of the Committee held on August 20, 1945

The minutes were approved.

57) - To review progress of repairs to generating stations and transmission system.

It was reported (see min. 50) that Eng. Reno of Romana Coy. was going to Northern Italy to investigate on the matter of available electric material recovered by the Allies.

The Ministry of Public Works is looking into the matter (min. 51) of reconstruction of Albano-Pontinia transmission line.

Eng. Pascetti (IMTS) reported that Gerose 1st unit will come into operation by the end of September. Arrangements have been made with Escher Wyss Co. for the turbine of the 2nd unit; the reconstruction of generator still being discussed with Brown Boveri Company.

Eng. Landucci (Selt-Valdarno) reported that one unit (6000 KVA) at Galliano will probably be ready in October. Corfino

4971

785017

2376

The ninth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0930 hours on Monday September 17th, 1945 in the offices of Società Romana di Elettricità - Via Poit - Rome.

Present :

Dr. Eng. A. Rovelli	- Acting Chairman
Prof. Eng. A. Aste	- Vice Chairman
Dr. Eng. G. Angelucci	- Member
Prof. Eng. A. Angelini	- "
Dr. Eng. C. Fessetti	- "
Dr. Eng. G. Landucci	- "
Dr. Eng. E. Virgili	- Secretary
Dr. Eng. F. Berluzzi	- In attendance
Lt. Col. V.S. Ranton	- "
Dr. Eng. E. Pietromarchi	- "

56) - Minutes of the eighth meeting of the Committee held on August 20, 1945

The minutes were approved.

57) - To review progress of repairs to generating stations and transmission systems.

It was reported (see min. 50) that Eng. Fano of Romano Coy. was going to Northern Italy to investigate on the matter of available electric material recovered by the Allies.

The Ministry of Public Works is looking into the matter (min. 51) of reconstruction of Albano-Pontinia transmission line.

Eng. Fessetti (ENEL) reported that Gerosa 1st unit will come into operation by the end of September. Arrangements have been made with Escher Wyss Co. for the turbine of the 2nd unit; the reconstruction of generator still being discussed with Brown Boveri Company.

Eng. Landucci (Salt-Veduggia) reported that one unit (6000 KVA) at Saliceto will probably be ready in October; Corfino station is now repaired but water still short. About 90% of transmission lines is now repaired as well as 99% of towers. Copper conductor urgently needed.

Eng. Angelucci (ACEM) reported that all repairs are up to schedule. Saliceto station in operation by the end of October.

(Car White)

102

Eng. Revelli (Romans Coy) reported that the 150 KV line Terni-Rome is now reactivated. Repairs proceeding on the Magliana-Caserta-Genova 150 KV line. Delay in the rehabilitation of Morino, Perfe and Acquaria Stations is due to Marcelli Manufacturing Company and Terni Steel Works. Repairs to Caserta reservoir are going on according to programme.

Eng. Virgili (State Railways) reported on Orte-Caserta and Pontorno-Larderello line repairs. The latter will be completed in November 1945.

Eng. Angelini (Terni Coy) informed the Committee that all repairs are proceeding up to schedule.

58) - General situation of transport and allocation of vehicles

Allied Commission and Ministry of Public Works are looking into the matter of allocating trucks and cars directly to the Electrical Companies.

Eng. Asta informed the Committee on the procedure to be followed when making application for transport.

The Committee strongly recommended that new vehicles, now manufactured in Italy, be made available to the electrical companies.

It was reported that allied tyres will shortly be made available and the Committee recommended that a sufficient amount of tyres and gasoline be allowed to the electrical Companies.

59) - Operation programme and report from the Director of the Master Control

Eng. Pietromarchi reported on the operation of the Central Italy grid from August 10 to September 19th, 1945.

Increase in voltage observed especially during the night; voltage on outgoing lines from Villavalle was decreased of 13%. No regulation possible in daytime due to system requirements.

Voltage situation on UNES grid again unsatisfactory due to overloading on Gallate-Caserta line which causes a serious voltage drop.

60) - Standardization of frequency and operation at 50 cycles of the Central Italy grid

Eng. Asta reported that Consorzio Bonifica Pontina is studying with Riva Manufacturing Company the alterations to be made on their pumping stations in order to operate at 50 cycles.

Apart from other minor troubles the standardization scheme may be considered satisfactory in Central Italy.

ed in November 1945.

Eng. Anselmi (Terni Coy) informed the Committee that all repairs are proceeding up to schedule.

58) - General situation of transport and allocation of vehicles
Allied Commission and Ministry of Public Works are looking into the matter of allocating trucks and cars directly to the Electrical Companies.

Eng. Aste informed the Committee on the procedure to be followed when making application for transport.

The Committee strongly recommended that new vehicles, now manufactured in Italy, be made available to the electrical companies.

It was reported that allied tyres will shortly be made available and the Committee recommended that a sufficient amount of tyres and gasoline be allowed to the electrical companies.

59) - Operation programme and report from the Director of the Master Control

Eng. Pietromarini reported on the operation of the Central Italy grid from August 10 to September 19th, 1945.

Increase in voltage observed especially during the night; voltage on outgoing lines from Villavalle was decreased of 13%. No regulation possible in daytime due to system requirements.

Voltage situation on UNES grid again unsatisfactory due to overloading on Galleto-Caterino line which causes a serious voltage drop.

60) - Standardization of frequency and operation at 50 cycles of the Central Italy grid

Eng. Aste reported that Consorzio Bonifacio Fontana is studying with ENEC Manufacturing Company the alterations to be made on their pumping stations in order to operate at 50 cycles.

Apart from other minor troubles the standardization scheme may be considered satisfactory in Central Italy.

61) - Any other business

It was reported that a certain amount of copper has been shipped to Italy from U.S.A. The Committee recommended that the allocation of this material be made in proportion to damage suffered by Electrical Companies.

107
The Committee recommended that allocations of cement to electrical companies be made from Cement Works located at reasonable distance from the assignee company.

Eng. Landucci reported that no answer had been received by Salt-Valdarno in connection with their request of trans- former oil. Allied Commission to look into this matter.

It was agreed that a "Liberation Allowance" of 3,000 lire will be granted to the personnel of the Master Control who are not directly employed by any of the electrical companies and namely:

Eng. G. Colaneri
Eng. G. Robotti
Mr. M. Andreasi Bassi

Mr. B. Scuderini
Miss M.T. De Pleiscent

The "Liberation Allowance" has actually been granted to all personnel employed by any company.

62) - Date and time of the next meeting

Next meeting will be held in the offices of Società Romana di Eletticità at 0900 hours on Monday October 15th, 1945.


Dr. Eng. FRANCESCO BARINAZZI
Secretary to the Committee

Mr. B. Soudervind
Miss M. E. De Pligent

The "liberation allowance" has actually been granted to all personnel employed by any company.

62) - Detect bad time of who next morning

Next meeting will be held in the offices of Società Romana di Eletticità at 0900 hours on Monday October 15th, 1945.

Dr. Theodor FRANKFORD BLUMGOLD
Secretary to the Committee

5567

2 3 8 2

Declassified E.O. 12356 Section 3.3/NND No. 785017

DISTRIBUTION LIST

C.A.O. - AFHQ
C-in C Mediterranean Station AFHQ
G-5 AFHQ APO 512
G-4 (A) AFHQ (2)
G-4 (B) AFHQ
Director of Works (B) AFHQ - CMF (2)
C.E., AFHQ - APO 512
QM, Coal Section AFHQ
Fiscal Director, MTOUSA
DMR (Italy) Tn. Increment, CMF
C.S. Taranto
Eng. Section AAFSCO/MTO - APO 528
Eng. Ser. Southern District PBS - APO 782
C.E. - PBS - APO 782 (2)
HQ No 1 District
C.E. No 3 District
C.G. - R.A.A.C. (2)
AFIRS - RAAC - CMF
HQ Adriatic Depot - APO 388 USA (2)
Chief Commissioner AC
Executive Commissioner HQ AC
Vice President - Economic Section HQ, AC (2)
Commerce S/C - Coal Division HQ
Public Relations Br. HQ, AC
Agriculture Sub-Commission HQ, AC
Food Sub-Commission HQ, AC
Labour Sub-Commission HQ, AC
Trans. Sub-Commission HQ, AC
Industry Sub-Commission HQ, AC
Regional Commissioner Piemonte Region
(Att. Reg. Engineer) Liguria Region
Lombardia Region
Venezia Region

File
Spares

4938

C.A.O. - AFHQ
 C-in C Mediterranean Station AFHQ
 G-5 AFHQ APO 512
 G-4 (A) AFHQ (2)
 G-4 (B) AFHQ
 Director of Works (B) AFHQ - CMTF (2)
 C.E., AFHQ - APO 512
 QM, Coal Section AFHQ
 Fiscal Director, WFOUSA
 DMR (Italy) Tn. Increment, CMTF
 C.S. Taranto
 Eng. Section AAPSCO/WFO - APO 528
 Eng. Ser. Southern District PBS - APO 782
 C.E. - PBS - APO 782 (2)
 HQ No 1 District
 C.E. No 3 District
 C.G. - R.A.A.C. (2)
 AFLRS - RAAC - CMTF
 HQ Adriatic Depot - APO 388 USA (2)
 Chief Commissioner AC
 Executive Commissioner HQ AC
 Vice President - Economic Section HQ, AC (2)
 Commerce S/C - Coal Division AC
 Public Relations Br. HQ, AC
 Agriculture Sub-Commission HQ, AC
 Food Sub-Commission HQ, AC
 Labour Sub-Commission HQ, AC
 Trans. Sub-Commission HQ, AC
 Industry Sub-Commission HQ, AC
 Regional Commissioner Piemonte Region
 (Att. Reg. Engineer) Liguria Region
 Lombardia Region
 Venezia Region

File
 Spares

4938

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

785017

2383

785017

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

99

GROUP COMMITTEE ON ELECTRIC POWER
(CENTRAL AND SOUTHERN ITALY)

Telephone
Rome 489084 - Ext. 317
28 September 1945
001-2134

MINUTES

A joint meeting of the Central and Southern Italy Advisory Committee was held at 1500 hours on Monday September 17th, 1945 in the offices of Societa' Romana di Elettricita' - Roma.

Present:

- | | |
|--------------------------|-------------------|
| Dr. Eng. A. Rovelli | - Acting Chairman |
| Prof. Eng. A. Asta | - Vice-Chairman |
| Dr. Eng. T. Mastino | - Member |
| Dr. Eng. G. Malone | - " |
| Prof. Eng. A. Angelini | - " |
| Dr. Eng. C. Mascetti | - Secretary |
| Dr. Eng. E. Berluzzi | - In attendance |
| Dr. Eng. D. Pietromarchi | - In attendance |

Dr. Eng. Landucci had informed that Committee that he would be unable to join the meeting and that the report of Salt-Velgerne had been submitted to Eng. Asta.

1) - Rehabilitation programme in connection with repairs and construction of new machinery and equipment

Reports are being received from the Electrical Companies, showing their programmes and material requirements.

It was shown that the exceedingly high prices for new machinery to be manufactured in the North would considerably affect the rehabilitation work. The Committee agreed that a general priority scheme and lists of material required (showing date on which they have to be delivered), be prepared in connection with the reconstruction programmes of the Power Companies and then submitted to the responsible Italian Bodies.

2) - Standardization of frequency and power interchange between Central and Southern Italy

Eng. Pietromarchi reported on the operation at 50 cycles of the Central Italy Grid. Only a limited increase in demand had been observed and minor troubles on the customers' side.

Eng. Asta reported that a complaint had been received from Consorzio Bonifiche Pontine in connection with troubles at the pumping stations. Arrangements are now being made to adjust the units for the new frequency and this matter is

A joint meeting of the Central and Southern Italy Advisory Committee was held at 1500 hours on Monday September 17th, 1945 in the offices of Società Romane di Eletticità - Rome.

Present:

Dr. Eng. A. Rovelli	- Acting Chairman
Prof. Eng. A. Lato	- Vice-Chairman
Dr. Eng. T. Mastura	- Member
Dr. Eng. G. Maione	- "
Prof. Eng. A. Angelini	- "
Dr. Eng. C. Facchetti	- "
Dr. Eng. E. Belluzzi	- Secretary
Dr. Eng. D. Pietromarchi	- in attendance

Dr. Eng. Lombardi had informed that Committee that he would be unable to join the meeting and that the report of G. Valderro had been submitted to Eng. Lato.

1) - Rehabilitation programme in connection with repairs and construction of new machinery and equipment

Reports are being received from the Electrical Companies, showing their programmes and material requirements.

It was shown that the exceedingly high prices for new machinery to be manufactured in the north would considerably effect the rehabilitation work. The Committee agreed that a general priority scheme and lists of material required (showing date on which they have to be delivered), be prepared in connection with the reconstruction programmes of the Power Companies and then submitted to the responsible Italian Bodies.

2) - Standardization of frequency and power interconnection between Central and Southern Italy

Eng. Pietromarchi reported on the operation at 50 cycles of the Central Italy Grid. Only a limited increase in demand had been observed and minor troubles on the customers' side.

Eng. Lato reported that a complaint had been received from Consorzio Bonifiche Pontine in connection with troubles at the pumping stations. Arrangements are now being made to adjust the units for the new frequency and this matter is also discussed with RIVA Manufacturing Company.

Eng. Rovelli stated that the thermal generating station at S. Paolo would be able to run at 50 cycles.

PH₂ (mu)

(KAR WARE)

98
 Eng. Testurco reported on the possibility of raising to 50 cycles the frequency of S.E. system (Southern Italy). Present day frequency is 43.5 cycles; tests were made at 44.5 and an increase of about 6% in demand was experienced so that it is estimated that raising frequency from 43.5 to 50 cycles will bring about a considerable increase in system demand. Eng. Testurco also explained that the situation in Southern Italy is quite different from Central Italy due to a much larger percentage of industrial consumers whose demand will considerably be affected by the raise of frequency. Several months would be required by Acquaforte Elettica Co. to adapt the machinery for the 50 cycle operation. The Royal Navy Dockyard situation is also being discussed.

Eng. Angelini reported that power would be available from the TERNI system to SNE only at 50 cycles through the 150 KV line; this supply is expected to commence about the end of October.

After much discussion the Committee pointed out three possible solutions:

- (a) To receive power at 50 cycles from Central Italy and make arrangements to provide a separate 50 cycle area "Abruzzo", considering that Naples Grid cannot be operated at this frequency due to interconnection with Capriano steam plant which can only operate at 45 cycles.
- (b) To receive at 50 cycles from Central Italy providing a separate area (Apulia) at 50 cycles, in parallel with some generating stations of Sile running at the same frequency. This would provide a better regulation of load received through the interconnecting system.
- (c) To receive power at 45 cycles 150 KV from a separate unit of Gallarate station.

The matter of interconnecting Central and Southern Italy, with special regard to (a) and (c) will also be discussed by TERNI Company and SNE; a report will then be submitted to Allied Commission and to the Ministry of Public Works.

17 *B. B. B.*
 Dr. Eng. FRANCESCO RIZZI
 Secretary to the Committee

considerably be affected by the rise of frequency. Several months would be required by Acciaio-Fabbricazioni to adapt the machinery for the 50 cycle operation. The Royal Navy Dockyard situation is also being discussed.

Mr. Angelini reported that power would be available from the TERNI system to SHM only at 50 cycles through the 150 KV line; this supply is expected to commence about the end of October.

After much discussion the Committee pointed out three possible solutions:

- (a) To receive power at 50 cycles from Central Italy and make arrangements to provide a separate 50 cycle area "Abruzzo", considering that Naples grid cannot be separated at this frequency due to interconnection with Capuano steam plant which can only operate at 45 cycles.
- (b) To receive at 50 cycles from Central Italy providing a separate area (Abruzzo) at 50 cycles, in parallel with some generating stations of 500 MW running at the same frequency. This would provide a better regulation of load received through the interconnecting system.
- (c) To receive power at 45 cycles 150 KV from a separate unit of Gellato station.

The matter of interconnecting Central and Southern Italy with special regard to (a) and (c) will also be discussed by TERNI Company and SHM; a report will then be submitted to Allied Commission and to the Ministry of Public Works.


Dr. Eng. FRANCESCO PIZZETTI
Secretary to the Committee

4936

2388

785017

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

16

DISTRIBUTION LIST

C.A.O. - AFHQ
 C-in C Mediterranean Station AFHQ
 G-5 AFHQ APO 512
 G-4 (A) AFHQ (2)
 G-4 (E) AFHQ
 Director of Works (E) AFHQ - ONF (2)
 C.E. AFHQ - APO 512
 QM, Coal Section AFHQ
 Fiscal Director, PROUSA
 DMR (Italy) Th. Increment, ONF
 C.S. Taranto
 Eng. Section AFHQ/MTO - APO 528
 En5. Ser. Southern District PBS - APO 782
 C.D. - PBS - APO 782 (2)
 HQ No 1 District
 C.E. No 3 District
 C.G. - R.A.A.C. (2)
 AFHQ - R.A.C. - ONF
 HQ Adriatic Depot - APO 388 USA (2)
 Chief Commissioner AC
 Executive Commissioner HQ AC
 Vice President - Economic Section HQ, AC (2)
 Commerce S/C - Coal Division " "
 Public Relations Br. HQ, AC
 Agriculture Sub-Commission HQ, AC
 Food Sub-Commission HQ, AC
 Labour Sub-Commission HQ, AC
 Trans. Sub-Commission HQ, AC
 Industry Sub-Commission HQ, AC
 Regional Commissioner Piemonte Region
 (Att. Reg. Engineer) Liguria Region
 Lombardia Region
 Venezia Region

Title
 Spares

2035

Declassified E.O. 12356 Section 3.3/NND No. 785017

Current Station AFHQ

- 0-5 AFHQ APO 512
- 0-4 (A) AFHQ (2)
- 0-4 (B) AFHQ
- Director of Works (B) AFHQ - CMP (2)
- C.T., AFHQ - APO 512
- Q. Coal Section AFHQ
- Fiscal Director, STOUCA
- MMR (Italy) Th. Increment, CMP
- C.S. Toronto
- Eng. Section AFHQ/MTU - APO 528
- Eng. Ser. Southern District PBS - APO 782
- C.T. - PBS - APO 782 (2)
- HQ No 1 District
- C.T. No 3 District
- C.S. - R.A.A.C. (2)
- AFHQ - R.A.C. - CMP
- HQ Adriatic Depot - APO 388 HSA (2)
- Chief Commissioner AC
- Executive Commissioner HQ AC ✓
- Vice President - Economic Section HQ, AC (2)
- Commerce S/C - Coal Division
- Public Relations Br. HQ, AC
- Agriculture Sub-Commission HQ, AC
- Road Sub-Commission HQ, AC
- Labour Sub-Commission HQ, AC
- Trans. Sub-Commission HQ, AC
- Industry Sub-Commission HQ, AC
- Regional Commissioner Piemonte Region
- (Att. Reg. Engineer) Liguria Region
- Lombardia Region
- Venezia Region

File
Spares

0035

NATIONAL ADVISORY COMMITTEE ON ELECTRIC POWER (ITALY)

Telephone
 Rome 489084 - Ext. 317
 001 - 4 1045

MINUTES

The first meeting of the National Advisory Committee on Electric Power (Italy) was held at 1000 hrs on Friday 27th July 1945 at the Ministry of Public Works Building - Porta Pia - Rome.

Present :

Prof. Eng. M. Visentini	- Chairman
Prof. Eng. A. Angelini	- Member
Prof. Eng. A. Asta	- "
Dr. Eng. P. Benedetto	- "
Dr. Eng. P. Casini	- substituting Dr. Eng. Fiorelli
Prof. Eng. Ippolito	- " Dr. Eng. Tricomi
Dr. Eng. T. Masturzo	- Member
Dr. Eng. A. Rovelli	- "
Dr. Eng. G. Silva	- "
Dr. Eng. E. Virgili	- Secretary
Dr. Eng. W. Beriazzi	- In attendance
Lt. Col. W. Harper	- "
Lt. Col. G. F. Parker	- "
Lt. Col. V. S. Reuten	- "
Dr. Eng. C. Pascetti	- "
Dr. Eng. P. Ferrerio	- "
Prof. Eng. G. Maione	- "

1) - Explanation by Prof. Eng. M. Visentini on the functions and purpose of the Committee

Eng. Visentini reported briefly on the electrical situation in Italy after the Allied liberation and on the initial activity of Allied Commission in order to carry out all necessary restoration work. To assist and advise on this work Advisory Committees on Electric Power were now operating in the following areas and were established in the following order :

- (1) Central Italy
- (2) Southern Italy
- (3) Sardinia
- (4) Sicily
- (5) Northern Italy

See page 46

The first meeting of the National Advisory Committee on Electric Power (Italy) was held at 1000 hrs on Friday 27th July 1945 at the Ministry of Public Works Building - Forte Pia - Rome.

Present :

Prof. Eng. M. Visentini	- Chairman
Prof. Eng. A. Angelini	- Member
Prof. Eng. A. Asta	- "
Dr. Eng. F. Benedetto	- "
Dr. Eng. P. Casini	- substituting Dr. Eng. Fiorelli
Prof. Eng. I. Ippolito	- " Dr. Eng. Tricomi
Dr. Eng. E. Masturzo	- Member
Dr. Eng. A. Rovelli	- "
Dr. Eng. G. Silva	- "
Dr. Eng. E. Virgili	- "
Dr. Eng. T. Barluzzi	- Secretary
Lt. Col. W. L. Lepper	- In attendance
Lt. Col. G. F. Parker	- "
Lt. Col. V. S. Renton	- "
Dr. Eng. C. Pascetti	- "
Dr. Eng. P. Ferrario	- "
Prof. Eng. G. Maione	- "

1) - Explanation by Prof. Eng. M. Visentini on the functions and purpose of the Committee

Eng. Visentini reported briefly on the electrical situation in Italy after the Allied liberation and on the initial activity of Allied Commission in order to carry out all necessary restoration work. To assist and advise on this work Advisory Committees on Electric Power were now operating in the following areas and were established in the following order :

- | | |
|-----|----------------|
| (1) | Central Italy |
| (2) | Southern Italy |
| (3) | Sardinia |
| (4) | Sicily |
| (5) | Northern Italy |

The purpose of these Committees was to recommend and advise the Ministry of Public Works on all matters pertaining to electricity throughout Italy. The constitution of the Committee, following the suggestion of Lt. Col. Lepper of Allied Commission may be altered from time to time in order to obtain the highest efficiency. The National Committee now formed, will co-ordinate the work of the Regional

(LAW 1945)

785017

4934

Committees and submit recommendations to the Ministry of Public Works.

Eng. Visentini expressed his best thanks to Lt.Col. Lapper and to his assistants for the very friendly way in which they had assisted during the reconstruction work and proposed the appointment of:

Lt.Col. W.H. Lapper as Honorary Chairman to the Committee
Lt.Col. G.F. Parker as Honorary Vice-Chairman
Lt.Col. V.S. Renton as Honorary Member

Further appointments will be made at a later date.

Eng. Ferrerio also expressed his thanks to Lt.Col. Lapper and to his assistants for their help given to Italy in such a critical period and promised his true collaboration to Lt.Col. G.F. Parker who will succeed Lt.Col. Lapper.

The Committee approved the appointment of Honorary members suggested by Mr. Visentini.

Lt.Col. Lapper thanked the Chairman, Eng. Ferrerio and the Committee for nominating himself and his assistants as Honorary Members of the Committee. He congratulated the electrical companies on the very fine work which they had carried out in the most difficult conditions. Lt.Col. Lapper said that they had enjoyed working with Italian engineers and he regretted that as he was now leaving for England it would not be possible to attend any further meetings of the National Committee. He hoped that the Italian Engineers would be able to visit America and England in order to establish technical relations.

2) - To review progress of repairs of generating plants and transmission systems

3) - Report from the Regional Committees and operation programme for the period July - December 1945

Prof. Eng. Visentini suggested to review item 2) and 3) of the Agenda together due to lack of time.

He reported on the general situation of the electrical companies and hydroelectric stations.

Data on present day operation and forecasts for 1946 were submitted to the Committee.

Prof. Eng. Ignolito reported on the electrical situation in Sicily: Palermo and Porto Empedocle steam stations were the only damaged plants. Difficulties are being experienced in the supply of maintenance material. Consideration was being given to assistance from Southern Italy and prospects for overhead power lines were being discussed.

2393

Lt.Col. W.S. Lapper as Honorary Chairman to the Committee
Lt.Col. G.F. Parker as Honorary Vice-Chairman
Lt.Col. V.S. Renton as Honorary Member

Further appointments will be made at a later date.

Eng. Ferrario also expressed his thanks to Lt.Col. Lapper and to his assistants for their help given to Italy in such a critical period and promised his true collaboration to Lt.Col. G.F. Parker who will succeed Lt.Col. Lapper.

The Committee approved the appointment of Honorary members suggested by Mr. Visentini.

Lt.Col. Lapper thanked the Chairman, Eng. Ferrario and the Committee for nominating himself and his assistants as Honorary Members of the Committee. He congratulated the electrical companies on the very fine work which they had carried out in the most difficult conditions. Lt.Col. Lapper said that they had enjoyed working with Italian engineers and he regretted that as he was now leaving for England it would not be possible to attend any further meetings of the National Committee. He hoped that the Italian Engineers would be able to visit America and England in order to establish technical relations.

2) - To review progress of repairs of generating plants and transmission systems

3) - Report from the Regional Committees and operation programme for the period July - December 1945

Prof. Eng. Visentini suggested to review item 2) and 3) of the Agenda together due to lack of time.

He reported on the general situation of the electrical companies and hydroelectric stations.

Data on present day operation and forecasts for 1946 were submitted to the Committee.

Prof. Eng. Involito reported on the electrical situation in Sicily: Palermo and Porto Empedocle steam stations were the only damaged plants. Difficulties are being experienced in the supply of maintenance material. Consideration was being given to assistance from Southern Italy and projects for overhead power lines were being examined.

Eng. Casini reported on the electrical situation in Sardinia. Only minor damages at Tiroso and S. Caterina stations which caused 25% drop in output (now only 10%).

93
S. Caterina at Vest completely repaired; material needed for maintenance.

Mining industries will be of great importance in the future electrical scheme.

Eng. Masturzo reported that following war damage the capacity of generating stations has been reduced of 55% and their output of 50%. Also 67% of transmission lines, 54% of transformer capacity and 61% capacity of synchronous condensers were out of service. Present day availability is 60 - 70% and will be 80 - 90% at the end of 1945.

In order to overcome curtailment of customers 50 MW and 30,000,000 kWh per month are needed.

Eng. Rovelli reported on the electrical situation in Central Italy before and immediately after liberation. The capacity of generating stations has been reduced to 14%. Present day availability is 30% for capacity of generating stations, 22% for output, 70% for length of lines.

Data were submitted to the Committee on the power availability on present day and future requirements.

Prof. Mancolini requested by Mr. Visentini reported on the large plants at Terni and on the Venezo Stations.

Prof. Incolito informed the Committee that financial difficulties exist for the completion of the Venezo Plant.

Eng. Visentini stated that the financial question in connection with power distribution in various regions is very important and will be discussed at the next meeting.

Eng. Mercurio reported that the electrical situation in Northern Italy is good. Present day availability is 90% of normal. More damage reported on transmission lines but repairs are being carried out. Assistance can be given to Central Italy Electrical Companies.

Eng. Benedetto reported on some damaged facilities in Northern Italy. The Ligonchio-Tavernuzze line will permit exporting 90 MW to Central Italy.

Frequent breakdowns are now reported on transmission line due to lack of material and transport.

Eng. Virgili reported on the State Railways transmission system. Repair work is being carried out on the 130 KV Orte-Bressana line and on the Rome-Minturno line. The main trouble is due to shortage of aluminum conductor.

The Committee recommended that steps be taken to increase

of transformer capacity and 61% capacity of asynchronous condensers were out of service. Present day availability is 60 - 70% and will be 80 - 90% at the end of 1945.

In order to overcome curtailment of customers 50 MW and 30,000,000 kWh per month are needed.

Eng. Rovelli reported on the electrical situation in Central Italy before and immediately after liberation. The capacity of generating stations has been reduced to 11%. Present day availability is 30% for capacity of generating stations, 22% for output, 70% for length of lines.

Data were submitted to the Committee on the power availability on present day and future requirements.

Prof. Ancolini requested by Mr. Visentini reported on the large plants at Terni and on the Vemano Stations.

Prof. Incelito informed the Committee that financial difficulties exist for the completion of the Vemano Plant.

Eng. Visentini stated that the financial question in connection with power distribution in various regions is very important and will be discussed at the next meeting.

Eng. Morreio reported that the electrical situation in Northern Italy is good. Present day availability is 90% of normal. More damage reported on transmission lines but repairs are being carried out. Assistance can be given to Central Italy Electrical Companies.

Eng. Benedetto reported on some damaged facilities in Northern Italy. The Lisonchio-Tevernuzze line will permit exporting 90 MW to Central Italy.

Frequent breakdowns are now reported on transmission line due to lack of material and transport.

Eng. Virgili reported on the State Railways transmission system. Repair work is being carried out on the 130 KV Orte-Bressana line and on the Rome-Minturno line. The main trouble is due to shortage of aluminum conductor.

The Committee recommended that steps be taken to increase the production of conductors and insulators, and that material (particularly mica) be imported from foreign countries if it cannot be produced in Italy now.

42
Eng. Fascetti reported on the large distribution system supplied by UNES and on the importance of spare capacity being available.

Eng. Benedetto reviewed the serious troubles in distributing systems in Northern Italy and overloading of transformers and cables due to electricity now being used in the absence of other fuel.

The Committee agreed that the problem of spare capacity for Central Italy be studied in connection with Northern Italy and recommended that coal for Gas Works be urgently allocated to Northern Italy in view of the serious situation of distribution networks which will be seriously overloaded in winter time.

4) - Any other business

Eng. Visentini advised that meetings of the National Committee be held every two months, following the meetings of the Regional Committees.

The Committee agreed.

5) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on September 12th 1945 at the Ministry of Public Works - Porta Pia, Rome.

Fr. B. L.
Dr. Eng. FRANCESCO BARIUZZI
Secretary to the Committee

The Committee agreed that the problem of spare capacity for Central Italy be studied in connection with Northern Italy and recommended that coal for Gas Works be urgently allocated to Northern Italy in view of the serious situation of distribution networks which will be seriously overloaded in winter time.

4) - Any other business

Eng. Visentini advised that meetings of the National Committee be held every two months, following the meetings of the Regional Committees.

The Committee agreed.

5) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on September 12th 1945 at the Ministry of Public Works - Porte Pia, Rome.


Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

4961

785017

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

(9)

why not 2 District
also 3 member.
1/10/10

DISTRIBUTION LIST

COPY No :

- 1 - C.A.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - G-5 AFHQ APO 512
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7/8 - Director of Works (B) AFHQ - CMT
- 9 - C.E., AFHQ - APO 512
- 10 - QM, Coal Section AFHQ
- 11/12 - Fiscal Director, MTOUSA
- 13 - D/R (Italy) Tn. Increment, CMT
- 14 - C.S. Taranto
- 15 - Eng. Section MAFSCO/MTO - APO 528
- 16 - Eng. Ser. Southern District PBS - APO 782
- 17/18 - C.E. - PBS - APO 782
- 19 - HQ No 1 District
- 20 - C.E. No 3 District
- 21/25 - C.G. - R.A.A.C.
- 26 - AFIRS - R.M.C - CMT
- 27/28 - HQ Adriatic Depot - APO 388 USA
- 29 - Chief Commissioner AC
- 30 - Executive Commissioner HQ AC
- 31/32 - Vice President - Economic Section HQ, AC
- 33 - Commerce S/C - Coal Division (Att.It.Cal.Oxley)
- 34 - Public Relations Br. HQ AC
- 35 - Agriculture Sub-Commission HQ AC
- 36 - Food Sub-Commission HQ AC
- 37 - Labour Sub-Commission HQ AC
- 38 - Trans. Sub-Commission HQ AC
- 39 - Industry Sub-Commission HQ AC
- 40 - Regional Commissioner
- 41 - (ATT. Regional Engineer) Emilia Region
- 42 - Piemonte Region
- 43 - Liguria Region
- 44 - Lombardia Region
- 45 - Venezia Region
- 46/70 - File
- Spares

4930

785017

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

100

COPY No.:

- 1 - C.A.C. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - G-5 AFHQ APO 512
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7/8 - Director of Works (B) AFHQ - CMT
- 9 - C.E., AFHQ - APO 512
- 10 - QM, Coal Section AFHQ
- 11/12 - Fiscal Director, MTOUSA
- 13 - DFR (Italy) Tn. Increment, CMT
- 14 - C.S. Taranto
- 15 - Eng. Section AAFSCO/MTO - APO 528
- 16 - Eng. Ser. Southern District PBS - APO 782
- 17/18 - C.E. - PBS - APO 782
- 19 - HQ No 1 District
- 20 - C.E. No 3 District
- 21/25 - C.G. - R.A.A.C.
- 26 - AFERS - RAAC - CMT
- 27/28 - HQ Adriatic Depot - APO 388 USA
- 29 - Chief Commissioner AC
- 30 - Executive Commissioner HQ AC
- 31/32 - Vice President - Economic Section HQ, AC
- 33 - Commerce S/C - Coal Division (Att.Lt.Col.Oxley)
- 34 - Public Relations Br. HQ AC
- 35 - Agriculture Sub-Commission HQ AC
- 36 - Food Sub-Commission HQ AC
- 37 - Labour Sub-Commission HQ AC
- 38 - Trans. Sub-Commission HQ AC
- 39 - Industry Sub-Commission HQ AC
- 40 - Regional Commissioner
- 41 - (ATT. Regional Engineer) Emilia Region
- 42 - Piemonte Region
- 43 - Liguria Region
- 44 - Lombardia Region
- 45 - Venetia Region
- 46/70 - File
- Spares

4930

2400

785017

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

Telephone
Rome 489081 - Ext. 317

10 September 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (NORTHERN ITALY)

MINUTES

The second meeting of the Advisory Committee on Electric Power (Northern Italy) was held at 1000 hrs on Thursday August 30th, 1945 in the offices of Societa Edison - Milan.

Present:

- | | |
|-----------------------|--------------------|
| Dr. Eng. P. Benedetto | - Acting Chairman |
| Prof. Eng. A. Aste | - Vice-Chairman |
| Dr. Eng. R. Marin | - Member |
| Dr. Eng. L. Brambatti | - " |
| Dr. Eng. I. Audely | - " |
| Dr. Eng. G. Daczo | - " |
| Dr. Eng. L. Salmo | - " |
| Dr. Eng. L. Esenfeld | - " |
| Dr. Eng. G. Merlo | - " |
| Dr. Eng. L. Maggi | - Acting Secretary |
| Lt. Col. G. P. Parker | - In Attendance |
| Maj. R. A. Ryan | - " |
| Maj. G. S. Wilcox | - " |
| Dr. Eng. E. Soleri | - " |
| Dr. Eng. G. Genesio | - " |

Lt. Col. Parker reported, that, in agreement with Prof. Eng. M. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, he had decided to appoint Dr. Eng. P. Benedetto, Acting Chairman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.

Eng. Benedetto expressed his thanks to Col. Parker and Prof. Eng. Visentini.

6) - Minutes of the 1st meeting of the Committee held on July 19th, 1945

The minutes were approved.

4959

MINUTES

The second meeting of the Advisory Committee on Electric Power (Northern Italy) was held at 1000 hrs on Thursday August 30th, 1945, in the offices of Societa Edison - Milan.

Present :

- | | |
|-----------------------|--------------------|
| Dr. Eng. R. Benedetto | - Acting Chairman |
| Prof. Eng. A. Aste | - Vice-Chairman |
| Dr. Eng. R. Merin | - Member |
| Dr. Eng. M. Brambetti | - " |
| Dr. Eng. I. Audoly | - " |
| Dr. Eng. G. Dezza | - " |
| Dr. Eng. L. Solino | - " |
| Dr. Eng. L. Enemueli | - " |
| Dr. Eng. G. Marle | - " |
| Dr. Eng. L. Maggi | - Acting Secretary |
| Lt. Col. G. T. Parker | - In Attendance |
| Maj. R. A. Ryan | - " |
| Maj. C. S. Wilcox | - " |
| Dr. Eng. E. Solari | - " |
| Dr. Eng. C. Gencasio | - " |

Lt. Col. Parker reported, that, in agreement with Prof. Eng. E. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, he had decided to appoint Dr. Eng. R. Benedetto, Acting Chairman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.

Eng. Benedetto expressed his thanks to Col. Parker and Prof. Eng. Visentini.

4939

- 6) - Minutes of the 1st meeting of the Committee held on July 19th, 1945

The minutes were approved.

6/27/9
M
6/27/9

(Car Agency)

785017

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

78
 Matters of log from previous minutes

Min. 2) - page 3 second para should read: "South of the to the situation is much worse due to destruction of stations on Bresinone River and of medium and high voltage electric systems."

Min. 2) Lt. Col. Parker reported that data on coal require ment for a daily 3-hours supply of gas in the largest towns, are now available. The responsible Allied Coal Allocation Authorities will shortly have a meeting on this matter and the Committee will be informed of any decision taken.

Min. 2) It was reported that large stocks of aluminum ore are now available at Porto Marghera but cannot be treated by the local plant which is out of service due to war damage. It would be advisable to take the ore to Mori and Boizano now that electric power is largely available.

The Committee recommended that Eng. Dezza and Eng. Benedetto collect all necessary data in order to arrange with Major Wilcox (Milan Office of the Electrical Division, A.C.) for necessary transport.

Copper conductor is urgently needed especially for machinery repairs and some transmission line wires are now employed for this purpose. The Committee recommended that A.C. take some steps to see whether this material can be supplied from United States.

Lt. Col. Parker reported that a certain amount of imported wire, probably sufficient for the most important works would shortly be available. Magnetic sheets have also been shipped but will not be sufficient to meet the main requirements.

Eng. Asta informed the Committee that Terni Co. will shortly resume the production of magnetic sheets and Eng. Dezza reported that Falck Steelworks will be able to produce 300 tons of dynamo type and 100 tons of transformer type magnetic sheets per month, starting from October.

The Committee agreed that the operation of Electrosiderur- sical Works should not be prolonged beyond November the 15th. Col. Parker reported that it is effected that the production of gas will be started in advance so as to have metallurgi- cal coke available at an early date.

4958
 Insulating oil is urgently required for transformers and oil switches and no allocation has so far been made. Lubricat- ing oil is also very urgent. The Committee recommended that A.C. look into this matter.

Min. 2) Transport situation is still extremely serious especially for the shortage of tyres. Eng. Emmanelli reported on the estimated production of Pirelli and Michelin factories. Lt. Col. Parker informed the Committee that arrangements are being made by A.C. and the Italian Government to meet

the Committee will shortly have a meeting on this matter and the Committee will be informed of any decision taken.

Min. 2) It was reported that large stocks of aluminum ore are now available at Forte Marghera but cannot be treated by the local plant which is out of service due to war damage. It would be advisable to take the ore to Meri and Bolzano now that electric power is largely available.

The Committee recommended that Eng. Dezza and Eng. Benedetto collect all necessary data in order to arrange with the major works (Milan Office of the Electrical Division, A.C.) for necessary transport.

Copper conductor is urgently needed especially for machinery repairs and some transmission line wires are now employed for this purpose. The Committee recommended that A.C. take some steps to see whether this material can be supplied from United States.

Lt. Col. Parker reported that a certain amount of imported mica, probably sufficient for the most important works would shortly be available. Magnetic sheets have also been shipped but will not be sufficient to meet the main requirements.

Eng. Asta informed the Committee that Terni Co. will shortly resume the production of magnetic sheets and Eng. Dezza reported that Falck Steelworks will be able to produce 300 tons of dynamo type and 100 tons of transformer type magnetic sheets per month, starting from October.

The Committee agreed that the operation of Electrosiderur-Sisal Works should not be prolonged beyond November the 15th; Col. Parker reported that it is effected that the production of gas will be started in advance so as to have metallurgical coke available at an early date.

4958
Insulating oil is urgently required for transformers and oil switches and no allocation has so far been made. Lubricating oil is also very urgent. The Committee recommended that A.C. look into this matter.

Min. 2) Transport situation is still extremely serious especially for the shortage of tyres. Eng. Emmeli reported on the estimated production of Pirelli and Michelin factories. Lt. Col. Parker informed the Committee that arrangements are being made by A.C. and the Italian Government to make available a certain number of military vehicles. The electric companies should submit now the lists of their requirements to the Ministry of Transport through the Ministry of Public Works.

785017

The Commi³¹ is recommended that a high priority be granted to the Electrical Companies in connection with the ellice of those vehicles.

The procedure to be followed when making application for pers and trucks was explained by Eng. Asta.

8) - To review progress and make recommendations in connection with the rehabilitation of generating plants and transmission systems

Eng. Saino (S.I.P.) reported that Castiglione Dora Station will be in operation on September 10; Torino-Asti transmission line will be ready about September 15th.

All plants should be in operation by the end of the year. Present day production is less than last year and namely 25% less in Piedmont; 40% less in Alto Adige; 28% less in Lombardia. Water is being regularly stored.

Breda and Fiat Steelworks have now resumed operation at reduced load.

Eng. Merin (Aristica Co.) reported that the main problem is now the electric power supply to Romagna. One line has been reactivated and arrangements are being made to provide suitable transformers.

An emergency ^{supply} on a reduced base, will probably be made throughout Romagna within this year.

Present day production is 3.2 millions kWh a day (1944 figure : 4 millions).

All reservoirs are currently being impounded. Thermal station at Pella is now out of service.

Eng. Dezza (Pelick Co.) reported that the daily consumption of Pelick Co. is now 120,000 kWh (normal : 1.8 millions) but will be increased up to 1 million in 20 days, when the workshops are reactivated.

A large amount of electric power is also available at Montorini Co. plants.

Eng. Benadetto (Edison Co.) reported that Sonico Station started operation a week ago and Temù will again be in service in September. Strettera plant will probably be reactivated within this year.

Transmission line repairs are proceeding slowly, due ⁴⁹⁵⁷ to shortage of conductor, clamps and insulators. Two transmission lines (Mont-S. Palo and Mese-Arquata) will shortly be reactivated using all available line conductor to restore one circuit.

Three lines are now available to supply Toscana; a fourth line, shortly to be in operation, will permit the sending of

2405

THE. Salmo (S.I.P.) reported that Castiglione Bore Station will be in operation on September 10; Torino-Lstf transmission line will be ready about September 15th.

All plants should be in operation by the end of the year. Present day production is less than last year and namely 25% less in Piedmont; 70% less in Alto Adige; 28% less in Lombardia. Water is being regularly stored.

Breda and Rist Steelworks have now resumed operation at reduced load.

Eng. Marin (Idriatica Co.) reported that the main problem is now the electric power supply to Romagna. One line has been reactivated and arrangements are being made to provide suitable transformers.

An emergency ^{supply} on a reduced base, will probably be made throughout Romagna within this year.

Present day production is 3.2 millions kWh a day (1944 figure : 4 millions).

All reservoirs are virtually being impounded.

Thermal station at Fiumi is now out of service.

Eng. Dezza (Fratelli Co.) reported that the daily consumption of Pelick Co. is now 120,000 kWh (normal : 1.8 millions) but will be increased up to 1 million in 20 days, when the workshops are reactivated.

A large amount of electric power is also available at Venturini Co. plants.

Eng. Benedetto (Edison Co.) reported that Sonico Station started operation a week ago and Temù will again be in service in September. Stretta plant will probably be reactivated within this year.

Transmission line repairs are proceeding slowly, due to shortage of conductor, clamps and insulators. Two transmission lines (Mord-S. Palo and Mese-Arquate) will shortly be reactivated using all available line conductor to restore one circuit.

Three lines are now available to supply Toscana; a fourth line, shortly to be in operation, will permit the sending of a larger block of power to that region. Another line is being repaired by Emilian Co.

Industrial customers load is now slightly increasing; much anxiety exists as to the electrodomestic service consumption which, in some areas, has already exceeded the normal winter peak.

Material for maintenance and for extension of distribution network is still short and in some instances the necessary parts are taken from stand-by units.

Water is being regularly stored.

Eng. Genesio (C.I.E.L.I.) reported that repairs of Biviera station will require a long time. The whole C.I.E.L.I. grid has been reactivated with means on hand.

Load reduction, compared with 1940, is 20% due to reduced operation of railways which is partially compensated by electrodomestic demand. The electric power supply to France is regularly maintained.

Eng. Brunetti (AEM) reported that the whole Turin network is now in operation. Rosone Station is operating at reduced load due to one 20,000 KVA unit being out of service.

Water reservoir situation is normal. Similar situation for AEM at Milan.

9) - Cooperation programme and availability of power for the month of September 1945

It was reported that sufficient energy will be available during the next month.

C.I.E.L.I. will be short of 23 millions kWh during September, due to lack of rainfall; this energy will be supplied by Edison Company.

10) - Overloading on distribution systems due to large demand for domestic services

The matter of relieving the electrodomestic load by supplying gas for cooking was discussed.

It was shown that the electric heating load will still be very high and it would be advisable to permit free transport of wood for domestic heating into the large towns.

Lt. Col. Parker drew the Committee's attention on the shortage of coal which will occur during the next several years advising the Companies to follow a wise policy of extension of distributing networks in view of a large demand for electrodomestic services.

11) - Any other business

The functions and purpose of the Advisory Committee and the Electric Industrial Committee were discussed by Mr. Asta.

Water is being regularly stored.

Eng. Genesio (C.I.E.I.I.) reported that repairs of Bevere station will require a long time. The whole C.I.E.I.I. grid has been reactivated with means on hand.

Load reduction, compared with 1940, is 20% due to reduced operation of railways which is partially compensated by electrodomestic demand. The electric power supply to France is regularly maintained.

Eng. Brunetti (AMM) reported that the whole Turin network is now in operation. Rosone Station is operating at reduced load due to one 20,000 KVA unit being out of service.

Water reservoir situation is normal. Similar situation for AMM at Milan.

9) - Operation programme and availability of power for the month of September 1945

It was reported that sufficient energy will be available during the next month.

C.I.E.I.I. will be short of 23 millions kwh during September, due to lack of rainfall; this energy will be supplied by Edison Company.

10) - Overloading on distribution systems due to large demand for domestic services

The matter of relieving the electrodomestic load by supplying gas for cooking was discussed.

It was shown that the electric heating load will still be very high and it would be advisable to permit free transport of wood for domestic heating into the large towns.

It. Col. Parker drew the Committee's attention on the shortage of coal which will occur during the next several years advising the Companies to follow a wise policy of extension of distributing networks in view of a large demand for electrodomestic services.

11) - Any other business

The functions and purpose of the Advisory Committee and the Electric Industrial Committee were discussed by Eng. Asta, Eng. Benedetto and Eng. Brunetti; it was agreed that any interference between these Committees should carefully be avoided.

2408

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

785017

12) - Date and time of the next meeting

The Committee agreed that the next meeting would be held in the Offices of the Edison Company. All members will be notified of the date in due time.

Dr. Eng. Francesco Barinuzzi
Dr. Eng. FRANCESCO BARINUZZI
Secretary to the Committee

4005

2409

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

785017

MB
DR. ERIC FRANCESCO BARIUZZI
Secretary to the Committee

4955

- 5 -

2410

785017

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

DISTRIBUTION LIST

C.A.O. - AFHQ
C-in C Mediterranean Station AFHQ
G-5 AFHQ APO 512
G-4 (A) AFHQ (2)
G-4 (B) AFHQ
Director of Works (B) AFHQ - CMF (2)
C.E. AFHQ - APO 512
CM, Coal Section AFHQ
Fiscal Director, FROUSA
DMR (Italy) In. Increment, CMF
C.S. Tarant
Eng. Section MATCO/MTO - APO 528
Eng. Sec. Southern District PBS - APO 782
C.E. - PBS - APO 782 (2)
HQ No 1 District
C.E. No 3 District
C.G. - R.A.A.C. (2)
AFIRS - RAAC - CMF
HQ Adriatic Depot - APO 388 USA (2)
Chief Commissioner AO
Executive Commissioner HQ AO ✓
Vice President - Economic Section HQ, AC (2)
Commerce S/C - Coal Division HQ
Public Relations Br. HQ, AC
Agriculture Sub-Commission HQ, AC
Food Sub-Commission HQ, AC
Labour Sub-Commission HQ, AC
Trans. Sub-Commission HQ, AC
Industry Sub-Commission HQ, AC
Regional Commissioner Piemonte Region
(Att. Reg. Engineer) Liguria Region
Lombardia Region
Venetia Region

File
Spares

4934

SICILY ELECTRICITY SCHEME

Telephone
Rome 489084 - Ext. 317

4 September 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SICILY)

MINUTES

The third meeting of the Advisory Committee on Electric Power (Sicily) was held at 0900 hrs on Tuesday July 3rd, 1945.

Present

Dr. Eng. S. TRICOMI	- Chairman
Dr. Eng. G. SCIALOJA	- Member
Dr. Eng. P. ABBATESSA	- "
Prof. Eng. RUBINO	- "

Eng. Tricomi reported that he had been asked by Lt. Col. Lapser of Allied Commission and Prof. Eng. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works to be the Chairman of the Advisory Committee for Sicily.

Eng. Tricomi said he was very pleased of his appointment and stated that meetings of the Committee would be held regularly every month, and minutes sent to the Ministry of Public Works.

12) - Minutes of the meeting held on Monday April 9, 1945

The minutes were approved.

13) - Matters arising from previous minutes

Min. 8) Financial assistance by Italian Government for the extension of Piano del Leone and Gamaute dams, in hand by Ministry of Public Works.

Min. 8) Rationing scheme for Sicily submitted by Società Generale Elettrica della Sicilia, has already been approved by the High Commissioner.

14) - To review progress and make recommendations in connection with electric power generation and transmission in Sicily

Eng. Tricomi reported that the matter of Piano del Leone dam is being discussed with the Ente Acquedotti Siciliani. An agreement will possibly be reached within a short time. Some hydraulic works were completed at the Sosio River Plants but they were hampered by the fact that the matter of finen-

MINUTES

The third meeting of the Advisory Committee on Electric Power (Sicily) was held at 0900 hrs on Tuesday July 3rd, 1945.

Present

Dr. Eng. S. TRICOMI	- Chairman
Dr. Eng. C. SCUDATO	- Member
Dr. Eng. F. ABBATESSA	- "
Prof. Eng. RUBINO	- "

Eng. Tricomi reported that he had been asked by Lt. Col. Lapar of Allied Commission and Prof. Eng. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works to be the Chairman of the Advisory Committee for Sicily.

Eng. Tricomi said he was very pleased of his appointment and stated that meetings of the Committee would be held regularly every month, and minutes sent to the Ministry of Public Works.

12) - Minutes of the meeting held on Monday April 9, 1945

The minutes were approved.

13) - Matters arising from previous minutes

Min. 6) Financial assistance by Italian Government for the extension of Piano del Leone and Genneute dams, in hand by Ministry of Public Works.

Min. 8) Rationing scheme for Sicily submitted by Società Generale Elettrica della Sicilia, has already been approved by the High Commissioner.

14) - To review progress and make recommendations in connection with electric power generation and transmission in Sicily

Eng. Tricomi reported that the matter of Piano del Leone dam is being discussed with the Ente Acquedotti Siciliani. An agreement will possibly be reached within a short time. Some hydraulic works were completed at the Sosio River Plants but they were hampered by the fact that the matter of financial assistance by the Italian Government as well as many other legal questions had not yet been settled by the Ministry of Public Works.

15) - Allocation of power and programme for the month of July 1945

Eng. Soimemi reported that a rationing decree had already been approved and applied throughout Sicily since the end of April but little effect observed as to the load of the whole system due to insufficient enforcement of the decree. The power demand was met by drawing more water from reservoirs than estimated. The storage of water will practically be exhausted about 15 August if no improvement can be obtained in the rationing scheme.

It was reported that coal is now regularly supplied; present allocation is 370 tons a day but at least 500 tons would be required following the curtailment scheme.

The Committee recommended that this question be examined by the High Commissioner and then submitted to the Ministry of Public Works in order to take necessary steps.

16) - Any other business

There was no other business.

17) - Date and time of the next meeting

Next meeting will be held as soon as a report will be received from the High Commissioner on the matter of energy curtailment.

Dr. Eng. FRANCESCO MARLUZZI
Secretary to the Committee

whole system due to insufficient enforcement of the decree. The power demand was met by drawing more water from reservoirs than estimated. The storage of water will practically be exhausted about 15 August if no improvement can be obtained in the rationing scheme.

It was reported that coal is now regularly supplied; present allocation is 370 tons a day but at least 500 tons would be required following the curtailment scheme.

The Committee recommended that this question be examined by the High Commissioner and then submitted to the Ministry of Public Works in order to take necessary steps.

16) - Any other business

There was no other business.

17) - Date and time of the next meeting

Next meeting will be held as soon as a report will be received from the High Commissioner on the matter of energy curtailment.

[Signature]
Dr. Eng. FRANCESCO ALBERTUZZI
Secretary to the Committee

4952

2415

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

785017

DISTRIBUTION LIST

C.A.C. - AFHQ
 C-in C Mediterranean Station AFHQ
 G-5 AFHQ APO 512
 G-4 (A) AFHQ (2)
 G-4 (E) AFHQ
 Director of Works (E) AFHQ - CMF (2)
 C.E. AFHQ - APO 512
 CM, Coal Section AFHQ
 Fiscal Director, NTUSA
 DMR (Italy) In. Increment, CMF
 C.S. Taranto
 Eng. Section AFHQ/MTO - APO 528
 Eng. Ser. Southern District PBS - APO 782
 C.T. - PBS - APO 782 (2)
 HQ No 1 District
 C.E. No 3 District
 C.C. - S.A.A.C. (2)
 AFHQ - R.A.C. - CMF
 HQ Athletic Depot - APO 188 USA (2)
 Chief Commissioner AC
 Executive Commissioner HQ AC ✓
 Vice President - Economic Section HQ, AC (2)
 Commerce S/C - Coal Division
 Public Relations Br. HQ, AC
 Agriculture Sub-Commission HQ, AC
 Food Sub-Commission HQ, AC
 Labour Sub-Commission HQ, AC
 Trans. Sub-Commission HQ, AC
 Industry Sub-Commission HQ, AC
 Regional Commissioner Piemonte Region
 (Att. Reg. Engineer) Liguria Region
 Lombardy Region
 Venezia Region

File
Spares

4951

Executive Committee
344
79

CENTRAL ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

27 August 1945
SEP -3 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The eighth meeting of the Advisory Committee on Electric Power (Central Italy) was held in the offices of Società Romana di Eletticità - Rome at 0900 hrs on Monday August 20th 1945.

Present :

Dr. Eng.	A. Rovelli	- Acting Chairman
Prof. Eng.	A. Asta	- Vice Chairman
Dr. Eng.	G. Angelucci	- Member
Prof. Eng.	A. Angelini	- "
Dr. Eng.	C. Pascetti	- "
Dr. Eng.	G. Landucci	- "
Dr. Eng.	E. Virgili	- Secretary
Dr. Eng.	F. Berluzzi	- In attendance
Lt. Col.	G.E. Parker	- "
Lt. Col.	V.S. Renton	- "
Dr. Eng.	D. Pietromarohi	- "

Eng. Asta reported that Lt. Col. G.E. Parker (Chief Electrical Division, Allied Commission) and Eng. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works had agreed to appoint Eng. Rovelli Acting Chairman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.

Eng. Rovelli expressed his thanks.

49) - Minutes of the seventh meeting of the Committee held on July 16th, 1945

The minutes were approved.

50) - Matters arising from previous minutes

min. 44) Lt. Col. Parker reported that the War Material Postal Division had been requested to take some steps in connection with the 43 MW transformer of Terni Co., which is now supposed to be in Austria. The Committee recommended that lists of electric material now recovered by the Allies,

27 August 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The eighth meeting of the Advisory Committee on Electric Power (Central Italy) was held in the offices of Società Romana di Eletticità - Rome at 0900 hrs on Monday August 20th 1945.

Present :

Dr. Eng.	A. Rovelli	- Acting Chairman
Prof. Eng.	A. Asta	- Vice Chairman
Dr. Eng.	C. Angelucci	- Member
Prof. Eng.	A. Angelini	- "
Dr. Eng.	C. Pascetti	- "
Dr. Eng.	G. Landucci	- "
Dr. Eng.	E. Virgili	- Secretary
Dr. Eng.	F. Berluzzi	- In attendance
Lt. Col.	G. T. Parker	- "
Lt. Col.	V. S. Renton	- "
Dr. Eng.	D. Pietromarchi	- "

Eng. Asta reported that Lt. Col. G. T. Parker (Chief Electrical Division, Allied Commission) and Eng. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works had agreed to appoint Eng. Rovelli Acting Chairman to the Committee until the matter of Advisory Committees in Italy would be settled by the Italian Government.

Eng. Rovelli expressed his thanks.

49) - Minutes of the seventh meeting of the Committee held on July 16th, 1945

The minutes were approved.

50) - Matters arising from previous minutes

min. 44) Lt. Col. Parker reported that the War Material General Division had been requested to take some steps in connection with the 43 MVA transformer of Terni Co., which is now supposed to be in Austria. The Committee recommended that lists of electric material now recovered by the Allies, be made available to the electrical companies in Italy.

51) Progress in rehabilitation of generating plants and transmission systems

Eng. Asta suggested that at the future meetings this item include a review on damages, repair work and present situation of electric facilities, in order to set up a complete report with all necessary details to be published in technical magazines. The Committee agreed.

Eng. Angelucci (ACEA) reported that repair work is proceeding up to schedule. Mendele Station will start operation this week.

Eng. Facchetti (UNES) reported that line repairs have now been completed but some new transformers are urgently needed (30/60 KV; 5-10 KV).

Difficulties are being experienced in connection with orders for machinery to be placed at the Northern Italy manufacturing companies.

The Committee recommended that lists of machinery and equipment required for electric systems and also material requirements for the rehabilitation program up to December 31st 1946, be prepared by all companies and submitted to the Regional and National Advisory Committee. A priority schedule will then be set up and financial arrangements discussed by the National Committee.

It. Col. Parker informed the Committee that some material not obtainable in Italy, had already been ordered from other countries.

Eng. Deanducci (Valdarno) reported that within 1945, 75% of generating capacity will probably be reactivated.

Some difficulties as for UNES are experienced in connection with orders for new machinery to be manufactured in the north.

All substations are now in service but some of them have no spare capacity and the installed machinery is insufficient. Transformers (10/30 KV) are needed for switching cabins.

Eng. Revelli (Romana Co.) reported that one unit is operating at Pontefume during peak load time with a daily production of 40,000 kWh. Water is supplied from the Pontefume reservoir.

Pontecupe Station is already operating with one unit taken from Arci (4,500 kW).

Morino Station will probably be in operation by the mid of 1945; Tarifa I and Acquaria (one unit each) in February 1946.

2419
Declassified E.O. 12356 Section 3.3/NND No. 785017

Eng. Angelucci (ACMA) reported that repair work is proceeding up to schedule. Mendele Station will start operation this week.

Eng. Pasceiti (UNES) reported that line repairs have now been completed but some new transformers are urgently needed (30/60 KV; 5-10 MW).

Difficulties are being experienced in connection with orders for machinery to be placed at the Northern Italy manufacturing companies.

The Committee recommended that lists of machinery and equipment required for electric systems and also material requirements for the rehabilitation program up to December 31st 1946, be prepared by all companies and submitted to the Regional and National Advisory Committee. A priority schedule will then be set up and financial arrangements discussed by the National Committee.

Mr. Col. Parker informed the Committee that some material not obtainable in Italy, had already been ordered from other countries.

Eng. Landucci (Valdarno) reported that within 1945, 75% of generating capacity will probably be reactivated.

Some difficulties as for UNES are experienced in connection with orders for new machinery to be manufactured in the north.

All substations are now in service but some of them have no spare capacity and the installed machinery is insufficient. Transformers (10/30 KV) are needed for switching cabins.

Eng. Revelli (Romana Co.) reported that one unit is operating at Pontefiume during peak load time with a daily production of 40,000 kWh. Water is supplied from the Pontefiume reservoir.

Pontecupa Station is already operating with one unit taken from Irci (4,500 KW).

Morino Station will probably be in operation by the end of 1945; Parfa I and Acquaria (one unit each) in February 1946.

Transmission line repairs are almost completed with the exception of Albano-Pontine line owned by Consorzio Bonifiche Pontine.

The Committee recommended that, in view of the importance of the area supplied through this line, the starting of repairs be expedited as much as possible.

Eng. Rovelli informed the Committee that Romana Co. has similar troubles as UNES and Valdarno in connection with orders for big machinery to be manufactured in Northern Italy Firms.

Eng. Angelini reported that the fourth Galleto unit will be ready by the end of October, some delay was due to unsatisfactory casting for the impeller. Repair work for Poggio station will require 5 to 6 months for the 1st unit and 7 to 8 months for the 2nd unit.

Cottis unit will probably be ready in January 1946. Troubles are experienced in machinery repairs due to short age of rice; 90% of requirements is actually met using rice from destroyed units, but 10% must be obtained from the market, where prices are exceedingly high.

Studies are being made by Terni Co. to provide Galleto units with a new cooling system. The estimated increase in output is about 10 MW per unit.

Reactivation of Terni-Pescera line is going on but transport service by ENAC is unsatisfactory and the situation is very serious.

The Committee recommended that trucks be directly allocated to Electrical Companies, whose requirements are now known.

Eng. Virgili (State Railways) reported on difficulties experienced in connection with transmission line conductor supply.

Mercury arc rectifiers for substations cannot be supplied now by manufacturing Companies, due to shortage of required material.

The electrification programme of railways will consequently be delayed but transport facilities situation will be improved by means of steam traction.

The matter of constitution and operation of Advisory Committees throughout Italy was discussed and the Committee recommended that this question be carefully studied.

52) - Operation programme and report from the Director of the Master Control

Eng. Starneschi reported on the operation of the Central

similar troubles as UNES and Valdarno in connection with orders for big machinery to be manufactured in Northern Italy Firms.

Eng. Angelini reported that the fourth Galletto unit will be ready by the end of October, some delay was due to unsatisfactory testing for the impeller. Repair work for Pagnino station will require 5 to 6 months for the 1st unit and 7 to 8 months for the 2nd unit.

Cottis unit will probably be ready in January 1946. Troubles are experienced in machinery repairs due to shortage of mica; 90% of requirements is actually met using mica from destroyed units, but 10% must be obtained from the market, where prices are exceedingly high.

Studies are being made by Terni Co. to provide Galletto units with a new cooling system. The estimated increase in output is about 10 MW per unit.

Reactivation of Terni-Pescara line is going on but transport service by EMAC is unsatisfactory and the situation is very serious.

The Committee recommended that trucks be directly allocated to Electrical Companies, whose requirements are now known.

Eng. Virgili (State Railways) reported on difficulties experienced in connection with transmission line conductor supply.

Mercury arc rectifiers for substations cannot be supplied now by manufacturing Companies, due to shortage of required material.

The electrification programme of railways will consequently be delayed but transport facilities situation will be improved by means of steam traction.

The matter of constitution and operation of Advisory Committees throughout Italy was discussed and the Committee recommended that this question be carefully studied. 29-48

5.1) - Operation programme and report from the Director of the Master Control

Eng. Pietromarchi reported on the operation of the Central Italy grid from July 11 to August 3: power available is now 145 MW and peak load requirements are met by means of reservoir stations.

Steam units at S. Paolo were only used for repressing.

It was shown that electric energy now available is largely exceeding all requirements; the low load during the night could be increased with an additional allocation (7 to 8 MW) of power to Mare Montoro Electrochemical Works.

The Committee recommended that A.C. look into this matter considering that the electrochemical Works would only be operated when power is available, and readily disconnected if load must be decreased.

Eng. Rovelli advised that electrodomestic services could now be reconnected using a reasonable rationing scheme; he pointed out that the reconnection work will take a considerable length of time, so that, starting now, nearly all consumers will be again supplied when the available power is sufficient (4th Gallate unit coming in in October).

The Committee recommended that A.C. take some steps in connection with this question.

5.) Standardization of frequency

Eng. Pietromarchi reported that, following the increase of frequency to 50 cycles, improvements in voltage had been observed all over the system. UNES grid is now operating under normal conditions. The increase of load is about 4%. Further reports on the operation at 50 cycles as well as on complaints received from customers, will be discussed at the next meeting.

Eng. Aste reported that the Consorzio Bonifiche Pontine had recommended to the Ministry of Public Works to look very carefully into the matter of frequency change, which is considerably affecting the operation of pumping stations.

Its on tests carried out during these days will shortly be submitted.

The parallel connection with the North will be made when suitable switches are installed. This will be effected within two weeks.

5.) - Any other business

Eng. Rovelli informed the Committee that Eng. Prelleoni of R.O. Company, now working at the Master Control would shortly leave Rome and suggested that his place be taken by another engineer of the same Company.

The Committee agreed.

5.) - Date and time of the next meeting

Next meeting will be held in the offices of Società Romana di Eletticità - Rome, at 0900 hrs on Monday September 17th

49-17

is load must be decreased.

Eng. Rovelli advised that electrodomestic services could now be reconnected using a reasonable rationing scheme; he pointed out that the reconnection work will take a considerable length of time, so that, starting now, nearly all consumers will be again supplied when the available power is sufficient (4th Gallate unit coming in in October).

The Committee recommended that A.C. take some steps in connection with this question.

5) Standardization of frequency

Eng. Pirommarchi reported that, following the increase of frequency to 50 cycles, improvements in voltage had been observed all over the system. UNES grid is now operating under normal conditions. The increase of load is about 4%. Further reports on the operation at 50 cycles as well as on complaints received from customers, will be discussed at the next meeting.

Eng. Lata reported that the Consorzio Bonifiche Pontine had recommended to the Ministry of Public Works to look very carefully into the matter of frequency change, which is considerably affecting the operation of pumping stations.

It is on tests carried out during these days will shortly be submitted.

The parallel connection with the North will be made when suitable switches are installed. This will be effected within two weeks.

5) - Any other business

Eng. Rovelli informed the Committee that Eng. Prelleoni of Roma Company, now working at the Master Control would shortly leave Rome and suggested that his place be taken by another engineer of the same Company.

The Committee agreed.

5) - Date and time of the next meeting

Next meeting will be held in the offices of Società Romana di Elettricità - Rome, at 0900 hrs on Monday September 17th 1945

4947

Dr. Eng. Francesco Barluzzi
Secretary to the Committee

785017

2423

DISTRIBUTION LISTCOPY No :

1	- C.A.O. - AFHQ	
2	- C-in C Mediterranean Station AFHQ	
3	- G-5 AFHQ APO 512	
4/5	- G-4 (A) AFHQ	
6	- G-4 (B) AFHQ	
7/8	- Director of Works (B) AFHQ - CMT	
9	- C.E., AFHQ - APO 512	
10	- QM, Coal Section AFHQ	
11/12	- Fiscal Director, MTOUSA	
13	- DFR (Italy) Tn. Increment, CMT	
14	- C.S. Taranto	
15	- Eng. Section AAFSCG/MTO - APO 528	
16	- Eng. Ser. Southern District PBS - APO 782	
17/18	- C.E. - PBS - APO 782	
19	- HQ No 1 District	
20	- C.E. No 3 District	
21/25	- C.G. - R.A.A.C.	
26	- AFIRS - R.A.C. - CMT	
27/28	- HQ Adriatic Depot - APO 388 USA	
29	- Chief, Commissioner AC	
30	- Executive Commissioner HQ AC	
31/32	- Vice President - Economic Section HQ, AC	
33	- Commerce S/C - Coal Division (Att. Lt. Col. Oxley)	
34	- Public Relations Br. HQ AC	
35	- Agriculture Sub-Commission HQ AC	
36	- Food Sub-Commission HQ AC	
37	- Labour Sub-Commission HQ AC	
38	- Trans. Sub-Commission HQ AC	
39	- Industry Sub-Commission HQ AC	
40	Regional Commissioner	Emilie Region
41	(ATT. Regional Engineer)	Piemonte Region
42		Liguria Region
43		Lombardia Region
44		Venezia Region
45		File
46/70		Spare

COPY No :

1 - C.A.O. - AFHQ
2 - C-in C Mediterranean Station AFHQ
3 - G-5 AFHQ APO 512
4/5 - G-4 (A) AFHQ
6 - G-4 (B) AFHQ
7/8 - Director of Works (B) AFHQ - CMT
9 - C.E., AFHQ - APO 512
10 - QM, Coal Section AFHQ
11/12 - Fiscal Director, MTOUSA
13 - D'R (Italy) In. Increment, CMT
14 - C.S. Parento
15 - Eng. Section AFHQ/MTO - APO 528
16 - Eng. Ser. Southern District PBS - APO 782
17/18 - O.E. - PBS - APO 782
19 - HQ No 1 District
20 - C.E. No 3 District
21/25 - C.G. - R.A.A.C.
26 - AFIRS - RAAC - CMT
27/28 - HQ Adriatic Depot - APO 388 USA
29 - Chief Commissioner AC
30 - Executive Commissioner HQ AC
31/32 - Vice President - Economic Section HQ, AC
33 - Commerce S/C - Coal Division (Att.Lt.Col.Oxley)
34 - Public Relations Br. HQ AC
35 - Agriculture Sub-Commission HQ AC
36 - Food Sub-Commission HQ AC
37 - Labour Sub-Commission HQ AC
38 - Trans. Sub-Commission HQ AC
39 - Industry Sub-Commission HQ AC
40 - Regional Commissioner
41 - (ATT. Regional Engineer) Emilia Region
42 - Piemonte Region
43 - Liguria Region
44 - Lombardia Region
45 - Venezia Region
46/70 - File
- Spares

4946

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

785017

2425

Executive Commission (74)

COPY N. 2

SECRETARY GENERAL

Telephone

Room 180081 - Dec. 367

11725

Room 180081

ADVISORY COMMITTEE ON ELECTRIC POWER (CONFERENTIAL ROOM)

MINUTES

The seventh meeting of the Advisory Committee on Electric Power (Southern Italy) was held in the offices of Società Meridionale di Elettricità - Naples, at 0930 hours on Friday August 17th 1945.

Present:

Dr. Ing. E. Masturzo	- Acting Chairman
Prof. Ing. A. Asta	- Vice-Chairman
Dr. Ing. Montanucci	- Member
Dr. Ing. Nova	- "
Dr. Ing. Uscione	- "
Prof. Ing. Ruggiero	- "
Dr. Ing. Barilani	- Secretary

Prof. Ing. Asta informed the Committee that Lt. Col. G. F. Parker - Chief of Electrical Division, Public Works and Utilities Sub-Commission, A.C. had agreed with Prof. Visentini General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr. Ing. Masturzo acting-chairman to the Committee.

Dr. Ing. Masturzo expressed his thanks to Lt. Col. Parker and Prof. Visentini.

Ing. Covillo was absent due to illness.

37) - Minutes of the sixth meeting of the Committee, held on July 24th, 1945

The minutes were approved.

38) - Matters arising from previous minutes

Min. 33) Ing. Asta reported on the investigation made on the priority schedule at Nevalmeccanica. Some delay occurred in the delivery of 500 units but the situation is now normal and no further delay is expected.

The Committee recommended that, owing to the urgency of these works, repairs to rescue units be expedited as much as possible by Ministry of Public Works.

Progress of works at Nevalmeccanica will also be followed by the Ministry and S.M.E.

40-13

785017

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

The seventh meeting of the Advisory Committee on Electric Power (Comitato Italiano) was held in the offices of Società Meridionale di Elettricità - Naples, at 0930 hours on Friday August 17th 1945.

Present :

- Dr. Eng. I. Masturo - Acting Chairman
- Prof. Ing. A. Asta - Vice-Chairman
- Dr. Eng. Montefusco - Member
- Dr. Eng. Scivo - "
- Dr. Eng. Melione - "
- Prof. Ing. Pugliese - "
- Dr. Eng. Carlucci - Secretary

Prof. Eng. Asta informed the Committee that Lt. Col. G. F. Parker - Chief of Electrical Division, Public Works and Utilities Sub-Commission, A.C. had agreed with Prof. Visentini General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr. Eng. Masturo acting-chairman to the Committee.

Dr. Eng. Masturo expressed his thanks to Lt. Col. Parker and Prof. Visentini.

Eng. Carlucci was absent due to illness.

37) - Minutes of the sixth meeting of the Committee, held on July 24th, 1945

The minutes were approved.

38) - Matters arising from previous minutes

Min. 33) Eng. Asta reported on the investigation made on the priority schedule at Navalmeccanica. Some delay occurred in the delivery of SNE units but the situation is now normal and no further delay is expected.

The Committee recommended that, owing to the urgency of these works, repairs to Pescara units be expedited as much as possible by Ministry of Public Works. Progress of works at Navalmeccanica will also be followed by the Ministry and S.N.E.

Min. 34) Serious troubles are still being found in connection with the supply of mica and shelled. The Committee recommended that A.C. make an investigation on the possibility of importing that material from other countries.

Carlucci

A report on the electric material requirements has been prepared by the Electrical Committee in Northern Italy (in which electromechanical industries are represented). The Committee recommended that a copy of that report be submitted to Ministry of Public Works as soon as possible.

Details in the situation of magnetic sheets production are still unknown. The Committee recommended that the Ministry of Public Works make an investigation on the production of test material at Terni Co. and Felch Steelworks.

Min. 13) Trucks and probably gasoline for hot tests on transmission line insulators are now available. Tests will be carried out immediately.

Min. 14) Arrangements for the next day displacement are being gradually applied and the Committee recommended that the scheme be maintained also in winter in order to meet peak load requirements.

15) - Progress in rehabilitation of generation plants and transmission lines

Min. 15) It is suggested that at the future meetings this item include a review on progress suffered by electric facilities and on repairs already carried out, in order to set up a complete report with all necessary details to be published in technical magazines. The Committee agrees.

Min. 16) It is reported that Loto and Aventine plants are now being tested. The former will substitute Grotto when the reservoir of this station will be empty (15-20 days). The latter will supply UNES Grid. Repair work for Pascep till en Pascep IV stations is being carried out by Terni Steelworks; the Committee was of the opinion that the priority schedule be again examined in order to have this work done as soon as possible.

The aid unit at Celoro will be in operation within 1945; the synchronous by-pass for the aid unit will also be repaired shortly, thus permitting a better operation of this unit.

The coils for Orichello unit will be shipped from Milan at the end of this month; the unit will be ready in November.

Pine timber is urgently needed for repairs to Prettin-Giorgio substation, Basiliano, Pescara I and Pescara II stations.

The Committee recommended that A.C. take some steps with

Details on the situation of magnetic sheets production are still unknown. The Committee recommended that the Ministry of Public Works make an investigation on the production of sheet material at Terni Co. and Polak Steelworks.

Min. 33) Trucks and probably gasoline for hot tests on transmission line insulators are now available. Tests will be carried out immediately.

Min. 34) Arrangements for the next day displacement are being gradually effected and the Committee recommended that the scheme be maintained also in winter in order to meet peak load requirements.

29) - Program in rehabilitation of generating plants and transmission lines

Eng. Lata suggested that at the future meeting this item include a report on damages suffered by electric facilities and on repairs already carried out, in order to set up a complete report with all necessary details to be published in technical magazines. The Committee agreed.

Eng. Invernizzi reported that Lata and Argentine Plants are now being tested. The former will substitute water when the reservoir of this station will be empty (15-20 days). The latter will supply 1100 kW. Repair work for Pescara III and Pescara IV stations is being carried out by Terni Steelworks; the Committee was of the opinion that the priority schedule be again examined in order to have this work done as soon as possible.

The 2nd unit at Celero will be in operation within 1945; the synchronous by-pass for the 1st unit will also be repaired shortly, thus permitting a better operation of this unit.

The coils for Orichella unit will be shipped from Milan at the end of this month; the unit will be ready in November.

Time timber is urgently needed for repairs to Protergia-Giore substation, Savilliano, Pescara I and Pescara II stations. 2.1.1.1

The Committee recommended that A.C. take some steps with ENEL, which is controlling timber works in Sile, in order that this material be made available as soon as possible. Chestnut timber now allocated to the Italian Government might possibly be delivered to ENEL in order of pine timber required by ENEL.

Repairs to substations and transmission lines are proceeding according to programme. Pescara-Arcchi line will be completed about September 15th.

Eng. Malone (Ente Autonomo Volturno) reported that the shortage of transport is causing serious delay to repair work.

Three units (600 KW each) will be ready in November.

Mines in transmission line areas are still delaying repairs and the Committee recommended that suitable personnel be immediately sent to Montequille-Cori area.

40) - Operation programme for the month of September

Eng. Masturzo reported that one of the small units at Timpegrande will be back in operation in a few days, and one unit at Celusie is now out of service.

The large Timpegrande unit needs new bushings; frequent outages are reported due to bad quality of maintenance material.

The average availability of installed capacity in Sila Stations is about 94%.

The suggested operation programme for the month of September was agreed; the maximum output will be 155 Kw.

The Committee recommended that steps be taken in order that the allocated loads be not exceeded by customers.

41) - Any other business

Large quantity of glass sheets (2,100 sq.m.) are needed at the power plants in order to restore all window panes. The Committee recommended that Ministry of Public Works look into this matter.

It was reported that truck transport of big machinery from Milan to the South is resulting in exceedingly large expenses to the Electric Companies in Southern Italy. The Committee recommended that A.C. provide some rail transport facilities for the next months (4-5 wagons monthly).

Cement will, from now on, be allocated by Ministry of Public Works instead of A.C. and the Committee recommended that no delay in the delivery of this material be caused during the change over.

The Committee again recommended that the matter of transport be constantly investigated by Ministry of Public Works.

It was reported that serious troubles will arise in Puglia and Lucania electric system operation when Allied transport facilities will be withdrawn. The Committee recommended that this matter be discussed between Ministry of

785017

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

40) - Operation programme for the month of September

Eng. Masturco reported that one of the small units at Timpagrande will be back in operation in a few days, and one unit at Celusie is now out of service.

The large Timpagrande unit needs new bushings; frequent outages are reported due to bad quality of maintenance material.

The average availability of installed capacity in Sile Stations is about 94%.

The suggested operation programme for the month of September was agreed; the maximum output will be 155 Kw.

The Committee recommended that steps be taken in order that the allocated loads be not exceeded by customers.

41) - Any other business

Large quantity of glass sheets (2,100 sq.m.) are needed at the power plants in order to restore all window panes. The Committee recommended that Ministry of Public Works look into this matter.

It was reported that truck transport of big machinery from Milan to the South is resulting in exceedingly large expenses to the Electric Companies in Southern Italy. The Committee recommended that A.C. provide some rail transport facilities for the next months (4-5 wagons monthly).

Cement will, from now on, be allocated by Ministry of Public Works instead of A.C. and the Committee recommended that no delay in the delivery of this material be caused during the change over.

The Committee again recommended that the matter of transport be constantly investigated by Ministry of Public Works.

It was reported that serious troubles will arise in Puglia and Lucania electric system operation when Allied transport facilities will be withdrawn. The Committee recommended that this matter be discussed between Ministry of Public Works and A.C.

The matter of frequency change from 45 to 50 cycles in Southern Italy was preliminarily discussed.

2 4 3 2

Declassified E.O. 12356 Section 3.3/NND No. 785017

It was reported that, apart from some difficulties on the customer's side, troubles will also be encountered at Vulturano and Ceyxano thermal stations.

The former will probably not be able to stand the increase of speed and the latter will require readjustment of auxiliaries. Blades of steam turbines should also be changed, possibly when the plant is out of service a considerable length of time.

It was agreed that the matter of frequency change be discussed in details at the next meeting when reports from the Central Italy Grid operation at 50 cycles will also be available.

42) - Date and time of the next meeting

Next meeting will be held in the offices of Ente Autonomo Vulturano, Naples at 0930 on Friday 21 September 1945.

[Signature]
Dr. ING. FRANCESCO B. RUZZI
Secretary to the Committee

should also be changed, possibly when the plant is out of service a considerable length of time.

It was agreed that the matter of frequency change be discussed in details at the next meeting when reports from the Central Italy Grid operation at 50 cycles will also be available.

42) - Date and time of the next meeting

Next meeting will be held in the offices of Ente Autonomo Volturno, Naples at 0930 on Friday 21 September 1945.

[Signature]
Dr. ENG. FRANCESCO B. RILUZZI
Secretary to the Committee

20.2

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

785017

2 4 3 3

2434

785017

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

DISTRIBUTION LIST

COPIES No :

- 1 - C.A.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - G-5 AFHQ APO 512
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7/8 - Director of Works (B) AFHQ - CMF
- 9 - C.E., AFHQ - APO 512
- 10 - QM, Coal Section AFHQ
- 11/12 - Fiscal Director, MTOUSA
- 13 - DMR (Italy) Tn. Increment, CMF
- 14 - C.S. Taranto
- 15 - Eng. Section AFSCO/MTO - APO 528
- 16 - Eng. Ser. Southern District PBS - APO 782
- 17/18 - C.E. - PBS - APO 782
- 19 - HQ No 1 District
- 20 - C.E. No 3 District
- 21/25 - C.G. - R.A.A.C.
- 26 - AFIRS - RAAC - CMF
- 27/28 - HQ Adriatic Depot - APO 388 USA
- 29 - Chief Commissioner AC
- 30 - Executive Commissioner HQ AC
- 31/32 - Vice President - Economic Section HQ, AC
- 33 - Commerce S/C - Coal Division (Att.Lt.Col.Oxley)
- 34 - Public Relations Br. HQ AC
- 35 - Agriculture Sub-Commission HQ AC
- 36 - Food Sub-Commission HQ AC
- 37 - Labour Sub-Commission HQ AC
- 38 - Trans. Sub-Commission HQ AC
- 39 - Industry Sub-Commission HQ AC
- 40 - Regional Commissioner
- 41 - (Att. Regional Engineer) Emilia Region
- 42 - Piemonte Region
- 43 - Liguria Region
- 44 - Lombardia Region
- 45 - Venezia Region
- 46/70 - File
- Spares

4241

Declassified E.O. 12356 Section 3.3/NND No. 785017COPY No :

1	- C.A.O. - AFHQ
2	- C-in C Mediterranean Station AFHQ
3	- G-5 AFHQ APO 512
4/5	- G-4 (A) AFHQ
6	- G-4 (B) AFHQ
7/8	- Director of Works (B) AFHQ - CMF
9	- C.E., AFHQ - APO 512
10	- CM, Coal Section AFHQ
11/12	- Fiscal Director, MTOUSA
13	- DFR (Italy) In. Increment, CMF
14	- C.S. Taranto
15	- Eng. Section AFSCO/MTO - APO 528
16	- Eng. Ser. Southern District PBS - APO 782
17/18	- C.E. - PBS - APO 782
19	- HQ No 1 District
20	- C.E. No 3 District
21/25	- C.G. - R.A.A.C.
26	- AFIRS - RAAG - CMF
27/28	- HQ Adriatic Depot - APO 388 USA
29	- Chief Commissioner AC
30	- Executive Commissioner HQ AC
31/32	- Vice President - Economic Section HQ, AC
33	- Commerce S/C - Coal Division (Att.Lt.Col.Oxley)
34	- Public Relations Br. HQ AC
35	- Agriculture Sub-Commission HQ AC
36	- Food Sub-Commission HQ AC
37	- Labour Sub-Commission HQ AC
38	- Trans. Sub-Commission HQ AC
39	- Industry Sub-Commission HQ AC
40	Regional Commissioner
41	(ATT. Regional Engineer) Emilia Region
42	Piemonte Region
43	Liguria Region
44	Lombardia Region
45	Venezia Region
46/70	File Spares

4911

Electric Commission

NORTHERN ITALY ELECTRICITY SCHEME

COPY No

30

Telephone

Rome 489081 - Ext. 317

5411

3 August 1935

ADVISORY COMMITTEE ON ELECTRIC POWER (NORTHERN ITALY)

MINUTES

AUG 6 1945

The first meeting of the Advisory Committee on Electric Power (Northern Italy) was held in the Offices of Allied Commission - Montecetini Bldg. Milan at 1000 hrs on Thursday 19th July 1945.

Present :

Lt.Col.	W.M. Lepper	- Chairman
Prof.Eng.	A. Asta	- Vice-Chairman
Dr.Eng.	I. Emanuel	- Member
Dr.Eng.	T. Benedetto	- "
Dr.Eng.	E. Soleri	- Representing Dr.Eng.L.Selmo
Dr.Eng.	R. Merin	- " Dr.Eng.A.Rossi
Dr.Eng.	M. Brunetti	- Member
Dr.Eng.	I. Audoly	- "
Dr.Eng.	G. Merla	- "
Dr.Eng.	F. Barluzzi	- Secretary
Lt.Col.	G.P. Parker	- In attendance
Major	R.A. Ryan	- "
Major	C.S. Wilcox	- "
Dr.Eng.	I. Maggi	- "

1) - Explanation by Lt.Col. W.M. Lepper on the functions and purpose of the Committee

Lt.Col. Lepper explained that owing to the serious damages to electrical facilities in Central Italy it had been found desirable to form a Committee of technical experts to consider schemes and make recommendations and to generally advise in the rehabilitation of the electricity supplies.

This Committee proved so successful that it was decided to form similar Committees for Sicily, Sardinia, Southern Italy and later for Northern Italy on liberation.

The Committees were called Advisory Committees on Electric Power and their functions were to advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters connected with the generation and supply of electricity.

Col. Lepper emphasized that it was important that members

2437

785017

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

MINUTES

AUG 6 1945

The first meeting of the Advisory Committee on Electric Power (Northern Italy) was held in the Offices of Allied Commission - Montecatini Bldg. Milan at 1000 hrs on Thursday 19th July 1945.

Present :

Lt.Col.	W.M. Lapper	- Chairman
Prof.Eng. A.	Asta	- Vice-Chairman
Dr.Eng. I.	Emanueli	- Member
Dr.Eng. F.	Benedetto	- "
Dr.Eng. E.	Soleri	- Representing Dr.Eng. L. Selmo
Dr.Eng. R.	Marin	- " Dr.Eng. A. Rossi
Dr.Eng. M.	Brunetti	- Member
Dr.Eng. I.	Audoly	- "
Dr.Eng. G.	Merla	- "
Dr.Eng. F.	Barluzzi	- Secretary
Lt.Col. G.P.	Parker	- In attendance
Major R.A.	Ryan	- "
Major C.S.	Wilcox	- "
Dr.Eng. I.	Raggi	- "

- 1) - Explanation by Lt.Col. W.M. Lapper on the functions and purpose of the Committee

Lt.Col. Lapper explained that owing to the serious damages to electrical facilities in Central Italy it had been found desirable to form a Committee of technical experts to consider schemes and make recommendations and to generally advise in the rehabilitation of the electricity supplies.

This Committee proved so successful that it was decided to form similar Committees for Sicily, Sardinia, Southern Italy and later for Northern Italy on liberation.

The Committees were called Advisory Committees on Electric Power and their functions were to advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters connected with the generation and supply of electricity.

Col. Lapper emphasized that it was important that members expressed their own views and not that of any particular company with which they were connected.

67
After a discussion it was agreed by the Committee that the Advisory Committee on Electricity for Northern Italy would not in any way interfere with the industrial Committees operating in the North.

- 2) - To review progress and make recommendations in connection with the rehabilitation of the generating plants and transmission systems

Eng. Benedetto (Edison Co.) reported that some serious damages to generating stations and transmission lines were due to German and partisan action; minor damage occurred following air raids. About 75% of facilities damaged by partisans have now been repaired with means on hand.

Also 9 out of 12 line-crossings on the Po River have been repaired so that the whole electric system will shortly be entirely reactivated.

A serious problem, now arising from shortage of coal for heating and gas works is the overloading of distribution systems and transformers due to the increased domestic load. The situation will be worse in winter when heating demand will also be considered.

The reduction in load due to big industries not yet reactivated is about 25% compared with normal time. Power supply to Central Italy during summer may be about 100 MW but this amount must be largely reduced during winter (60-70 MW during 1,000 hrs in normal time).

Eng. Soleri (Società Idroelettrice Piemonte - "SIP") reported that some damage to generating stations and transmission systems was due to sabotage by partisans. Repairs are now being carried out and the situation will be normal at the end of 1945. Also 90% of lines have already been repaired.

One 40 MVA transformer from Cislago damaged by a flash-over is being repaired by Compagnia Generale di Elettrocità. The 220 KV line Cardano Cislago is operated at 130 KV with capacity reduced to 50%.

Reduction in load is 25% compared with normal time. Similar troubles as for Edison Co. are encountered in distributing systems for domestic appliance overloading.

Eng. Audoly (Compagnia Imprese Elettriche Liguri "41939") reported that Airole and Bevera generating stations had been completely destroyed by Germans; clearing of wrecks is shortly to begin as the French were now leaving this territory.

Transmission lines have been seriously damaged in the Airole Bevera area; also low voltage line in bad condition, material and transport needed.

...the electrical equipment

785017

were due to German and partisan action; minor damage occurred following air raids. About 75% of facilities damaged by partisans have now been repaired with means on hand.

Also 9 out of 12 line-crossings on the Po River have been repaired so that the whole electric system will shortly be entirely reactivated.

A serious problem, now arising from shortage of coal for heating and gas works is the overloading of distribution systems and transformers due to the increased domestic load. The situation will be worse in winter when heating demand will also be considered.

The reduction in load due to big industries not yet reactivated is about 25% compared with normal time. Power supply to Central Italy during summer may be about 100 MW but this amount must be largely reduced during winter (60-70 KW during 1,000 hrs in normal time).

Eng. Soleri (Società Idroelettrica Piemonte - "SIP") reported that some damage to generating stations and transmission systems was due to sabotage by partisans. Repairs are now being carried out and the situation will be normal at the end of 1945. Also 90% of lines have already been repaired.

One 40 MVA transformer from Cislago damaged by a flash-over is being repaired by Compagnia Generale di Elettrocità. The 220 KV line Cardano Cislago is operated at 130 KV with capacity reduced to 50%.

Reduction in load is 23% compared with normal time. Similar troubles as for Edison Co. are encountered in distributing systems for domestic appliance overloading.

Eng. Audoly (Compagnia Imprese Elettiche Liguri "41939") reported that Airole and Bivere generating stations had been completely destroyed by Germans; clearing of wrecks is shortly to begin as the French were now leaving this territory.

Transmission lines have been seriously damaged in the Airole Bivere area; also low voltage line in bad condition, material and transport needed.

At the Concenter steam station the electrical equipment was damaged by bombing; repairs are being carried out and the station will be ready for operation by October-November. Owing to shortage of coal the station will not be used except in case of emergency.

./.

785017

Eng. Marin (S. Città Adriatica di Elettri ta "S.A.D.E.") reported that in the area north of Po River Russolengo Station is the only one to be seriously damaged (dam) and will be repaired within next spring. Marghera steam plant repairs are now at an advanced stage.

South of the Po the situation is much worse due to destruction of stations on Bresimone River and of 15 KV electric system. Steps are now being taken to provide suitable transformers which could be purchased from the Consorzio formed by Alfa Romeo and Isotta Fraschini, during the German occupation, in order to clear some industrial areas.

Average load is now about 30% of normal time.

Lt. Col. Lepner reported that the electricity supply in the Venezia Giulia area under the control of the Yugoslav Army would be maintained by the electrical company in the normal way.

Eng. Brunetti (Azienda Elettrica Municipale, "A.E.M." Turin) reported on the load increase due to domestic appliances. It was also stated that Montecatini Co. and Falck Co., which are the most important selfproducers are now generating 30% of normal time.

Recommendations

- (a) The Committee recommended that a sufficient amount of coal be supplied to the Gas Plants in order to avoid serious troubles in the distributing systems during next winter. The supply should be commenced in August in order to provide a safe margin of time for the starting of the Gas Plants.
- (b) The Committee recommended that immediate action be taken to supply the Electrical Companies with the following material: copper and aluminum conductor, wire, insulating oil, coal for electromechanical industries and cement factories, porcelain, magnetic sheets and rubber boots.
- (c) The Committee recommended that immediate action be taken to rectify the shortage of transportation which was seriously delaying the repair and rehabilitation work. It was pointed out that 75% of the cars and trucks owned by the electrical companies had been taken by the Germans and 50% of the remaining vehicles were short of tyres.
- (d) The Committee recommended that tyres be made immediately available for existing vehicles in order that the normal repair and the work on the damaged plants could be proceeded with.

38

consorzio formed by Alfa Romeo and Isotta Fraschini, during the German occupation, in order to clear some industrial areas.

Average load is now about 50% of normal time.

It. Col. Lapper reported that the electricity supply in the Venezia Giulia area under the control of the Yugoslav Army would be maintained by the electrical company in the normal way.

Mag. Brunetti (Azienda Elettrica Municipale, "AEM" Turin) reported on the load increase due to domestic appliances. It was also stated that Montecatini Co. and Felck Co., which are the most important selfproducers are now generating 30% of normal time.

Recommendations

- (a) The Committee recommended that a sufficient amount of coal be supplied to the Gas Plants, in order to avoid serious troubles in the distributing systems during next winter. The supply should be commenced in August in order to provide a safe margin of time for the starting of the Gas Plants.
- (b) The Committee recommended that immediate action be taken to supply the Electrical Companies with the following material: copper and aluminum conductor, wire, insulating oil, coal for electromechanical industries and cement factories, porcelain, magnetic sheets and rubber boots.
- (c) The Committee recommended that immediate action be taken to rectify the shortage of transportation which was seriously delaying the repair and rehabilitation work. It was pointed out that 75% of the cars and trucks owned by the electrical companies had been taken by the Germans and 50% of the remaining vehicles were short of tyres.
- (d) The Committee recommended that tyres be made immediately available for existing vehicles in order that the normal repair and the work on the damaged plants could be proceeded with.

7.
68
3) - Operation programme and allocation of power for the month of August 1945

It was reported that sufficient energy will be available during the next month and therefore a large block of power can be supplied to Central Italy.

4) - Any other business

The Committee agreed that Eng. Dezza, of Falck Steel Works, be included in the Advisory Committee for Northern Italy, as a representative of industrial selfproducers of power.

5) - Date and time of the next meeting

Next meeting will be held at 100 hrs on Thursday 30th August 1945 in the offices of Edison Company - Foro Bonaparte - Milan.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

2 4 4 3

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

785017

the Committee agreed that Eng. Dezza, of Falck Steel Works, be included in the Advisory Committee for Northern Italy, as a representative of industrial selfproducers of power.

5) - Date and time of the next meeting

Next meeting will be held at 100 hrs on Thursday 30th August 1945 in the offices of Edison Company - Foro Bonaparte - Milan.

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

4937

2 4 4 4

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

785017

DISTRIBUTION LIST

COPY No.:

- 1 - C.A.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - G-5 AFHQ APO 512
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7/8 - Director of Works (B) AFHQ - CMF
- 9 - C.E., AFHQ - APO 512
- 10 - CM, Coal Section AFHQ
- 11/12 - Fiscal Director, MTOUSA
- 13 - DIR (Italy) Tn. Increment, CMF
- 14 - C.S. Taranto
- 15 - Eng. Section AAFSCO/MTO - APO 528
- 16 - Eng. Ser. Southern District PBS - APO 782
- 17/18 - C.E. - PBS - APO 782
- 19 - HQ No 1 District
- 20 - C.E. No 3 District
- 21/25 - C.G. - R.A.A.C.
- 26 - APLRS - RAAC - CMF
- 27/28 - HQ Adriatic Depot - APO 388 USA
- 29 - Chief Commissioner AC
- 30 - Executive Commissioner HQ AC
- 31/32 - Vice President - Economic Section HQ, AC
- 33 - Commerce S/C - Coal Division (Att. Lt. Col. Oxley)
- 34 - Public Relations Br. HQ AC
- 35 - Agriculture Sub-Commission HQ AC
- 36 - Food Sub-Commission HQ AC
- 37 - Labour Sub-Commission HQ AC
- 38 - Trans. Sub-Commission HQ AC
- 39 - Industry Sub-Commission HQ AC
- 40 - Regional Commissioner
- 41 - (ATT. Regional Engineer) Emilia Region
- 42 - Piemonte Region
- 43 - Liguria Region
- 44 - Lombardia Region
- 45 - Venezia Region
- 46/70 - File
- Spares

4938

5411 Executive Committee

COPY No. 32

SOUTHERN ITALY ELECTRICITY SCHEME

Telephone

Rome 489081 Ext. 317

AUG 4 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

MINUTES

The sixth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 hrs on Tuesday 24th July 1945 in the offices of Società Meridionale di Elettricità - Via P.E. Imbriani, Naples.

Present :

Dr. Eng.	Masturzo	- Acting Chairman
Prof. Eng.	Asta	- Vice-Chairman
Dr. Eng.	Cerillo	- Member
Dr. Eng.	Montefusco	- "
Dr. Eng.	Bove	- "
Prof. Eng.	Ruggiero	- Representing Dr. Eng. Meione
Dr. Eng.	Leanza	- Secretary
Dr. Eng.	Barlucci	- In attendance
It. Col. G. F. Parker		- "
Major	Stevenson	- "

Prof. Eng. Asta reported that It. Col. V.M. Lapper (Chairman) was in Northern Italy; before leaving he had agreed with Mr. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr. Eng. Masturzo Acting Chairman to the Committee.

Eng. Masturzo expressed his thanks to It. Col. Lapper and to Mr. Visentini.

31) - Minutes of the fifth meeting of the Committee, held on Wednesday June 20th 1945

The minutes were approved.

32) - Matters arising from previous minutes

Min. 25) It was reported that some personnel for the clearing of mines had been sent back to Colle Volturno area.

Eng. Asta submitted a priority list agreed by the Ministry of Public Works and Ministry of War for areas to be cleared by the personnel sent back to Southern Italy; the

MINUTES

The sixth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 hrs on Tuesday 24th July 1945 in the offices of Società Meridionale di Elettricità - Via P.E. Imbriani, Naples.

Present :

Dr. Eng.	Masturzo	- Acting Chairman
Prof. Eng.	Asta	- Vice-Chairman
Dr. Eng.	Cerillo	- Member
Dr. Eng.	Montefusco	- "
Dr. Eng.	Bove	- "
Prof. Eng.	Ruggiero	- "
Dr. Eng.	Leanise	- Representing Dr. Eng. Malione
Dr. Eng.	Barluzzi	- Secretary
Lt. Col. G. F. Parker		- In attendance
Major	Stevenson	- "

Prof. Eng. Asta reported that Lt. Col. W.M. Lapper (Chairman) was in Northern Italy; before leaving he had agreed with Mr. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr. Eng. Masturzo Acting Chairman to the Committee.

Eng. Masturzo expressed his thanks to Lt. Col. Lapper and to Mr. Visentini.

31) - Minutes of the fifth meeting of the Committee, held on Wednesday June 20th 1945

The minutes were approved.

32) - Matters arising from previous minutes

Min. 25) It was reported that some personnel for the clearing of mines had been sent back to Colle Volturno area.

Eng. Asta submitted a priority list agreed by the Ministry of Public Works and Ministry of War for areas to be cleared by the personnel sent back to Southern Italy; the list was agreed by the Committee.

(Copy Answer)

785017

2446

Min. 26) Following are the Northern Italy factories actually engaged in electrical repairs :

- Brown Boveri Co.
- Compagnia Generale di Eletticità
- Officine Trasformatori Elettrici
- Costruzioni Meccaniche Rive
- Monti e Martini (bakelite and insulating material)
- Milan
- Milan
- Bergamo
- Milan
- Milan

and their auxiliary companies.

Min. 26) Sixteen tons of angle bars have been allocated to SME from S. Giovanni Valdarno and Terni Works. Carbide now available at Terni.

Railway cars have been available to take copper scrapers from Pescara and Naples to Società Metallurgica Farnesi di Barga.

Transport from Pescara was actually carried out by means of ENDSI vehicles which were going unloaded to the north.

33) - Progress in rehabilitation of plants and transmission lines

Eng. Masturzo of Società Meridionale di Eletticità reported that : Lete Station will be tested by the end of July; service only during peak load time. Aventino Station already tested, troubles reported at penstocks - will come into operation in August.

S.I.P. have a new 15 MVA alternator completed at the Brown Boveri Works in Milan but are not in a position to install this unit for at least a year. S.I.P. are negotiating arrangements to try and purchase this generator for installation at Pescara II.

Repairs to alternator for Pescara 3rd stage delayed by Navalmeccanica working to capacity; operation expected in February 1946.

One unit of Pescara 4th stage in operation in February; second unit one month and a half after.

The Committee recommended that an investigation be made on the priority schedule for repair work at Navalmeccanica.

Repairs to power plant and sub-station buildings delayed due to shortage of suitable timber from Sile timber works being still employed by Allied Forces. Allied Commission to examine.

Repairs to sub-stations delayed by Navalmeccanica; also shortage of bakelite insulating material was reported.

One 10 MVA generator scheduled to be delivered.

Monti e Martini (bakelite and insulating material)

- Milan

- Milan

and their auxiliary companies.

Min. 26) Sixteen tons of angle bars have been allocated to SNE from S. Giovanni Valdarno and Terni Works. Carbide now available at Terni.

Railway cars have been available to take copper scraps from Pescara and Naples to Società Metallurgica Ternese di Barga.

Transport from Pescara was actually carried out by means of ENDSI vehicles which were going unloaded to the north.

33) - Progress in rehabilitation of plants and transmission lines

Eng. Masturo of Società Meridionale di Elettricità reported that: Late Station will be tested by the end of July; service only during peak load time. Aventino Station already tested, troubles reported at penstocks - will come into operation in August.

S.I.P. have a new 15 MVA alternator completed at the Brown Boveri Works in Kilen but are not in a position to install this unit for at least a year. S.M.E. are negotiating arrangements to try and purchase this generator for installation at Pescara II.

Repairs to alternator for Pescara 3rd stage delayed by Navalmeccanica working to capacity; operation expected in February 1946.

One unit of Pescara 4th stage in operation in February; second unit one month and a half after.

The Committee recommended that an investigation be made on the priority schedule for repair work at Navalmeccanica.

Repairs to power plant and sub-station buildings delayed due to shortage of suitable timber from Sile timber works being still employed by Allied Forces. Allied Commission to examine.

Repairs to sub-stations delayed by Navalmeccanica; also shortage of bakelite insulating material was reported. One 10 MVA synchronous condenser shortly to be delivered; arrangements are being made with State Railways in order to have one or two 15 MVA synchronous condensers. The Committee recommended that insulating material (mica, shellac) and magnetic sheets be made available as soon as possible.

61
Eng. Ieanza (Ente Autonomo Volturno) reported that turbine for the 600 KW units of Colle Volturno are being repaired by Navalmeccanica and Treigler Co. Alternators also under repair, estimated completion end of December 1945.

Repairs to generators of the large units being arranged with Merelli Co. (Milan).

It was reported that Corradini wire-drawing works are able to use gas works coke and bituminous coal in addition to metallurgical coke.

The Committee recommended that a sufficient amount of coal be made available to Corradini Works also considering that Northern Italy wire-drawing works cannot give their assistance due to shortage of transport.

It.col. Parker informed the Committee that the Electrical Division of Allied Commission has an officer in Milan in charge of Maj. G.S. Wilcox who will assist the electric companies in their dealings with equipment manufacturers and in other matters concerning electricity supply.

Eng. Masturzo reported that ENAC will now withdraw all the trucks used by the companies. The Committee agreed that this would cause serious troubles to repairs and recommended that the Ministry of Public Works take necessary action.

A list of transport and gasoline for a general survey or transmission line insulator hot tests has already been sent to the Ministry of Public Works by SMT.

The Committee recommended that immediate action be taken to meet these requirements, especially since the favourable season for doing this work will shortly be over.

34) - Operation programme and allocation of power for the month of August 1945

It was shown that the power availability in August will be 150 MW and the allocated demand 162 MW. It will therefore be necessary to displace the best days of various important consumers in order to obtain a reduction of demand and also energy consumption due to better utilization of plant output. This action was taken by the Ministry of Public Works in connection with the Ministry of Industry. It is understood that the necessary changes are being published by the Prefects and by the Regional Inspectors of the Ministry of Industry.

It was reported that industries working for the Allied Military units should not be subjected to rest day displacement, but the Committee agreed that this would

2450

785017

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

with Harell Co. (Milan).

It was reported that Corradini wire-drawing works are able to use gas works coke and bituminous coal in addition to metallurgical coke.

The Committee recommended that a sufficient amount of coal be made available to Corradini Works also considering that Northern Italy wire-drawing works cannot give their assistance due to shortage of transport.

Lt.col. Barker informed the Committee that the Electrical Division of Allied Commission has an office in Milan in charge of Maj. C.S. Wilcox who will assist the electric companies in their dealings with equipment manufacturers and in other matters concerning electricity supply.

Eng. Masturco reported that ENAC will now withdraw all the trucks used by the companies. The Committee agreed that this would cause serious troubles to repairs and recommended that the Ministry of Public Works take necessary action.

A list of transport and gasoline for a general survey or transmission line insulator hot tests has already been sent to the Ministry of Public Works by SME.

The Committee recommended that immediate action be taken to meet these requirements, especially since the favorable season for doing this work will shortly be over.

34) - Operation programme and allocation of power for the month of August 1945

It was shown that the power availability in August will be 150 MW and the allocated demand 162 MW. It will therefore be necessary to displace the next days of various important consumers in order to obtain a reduction of demand and also energy consumption due to better utilization of plant output. This action was taken by the Ministry of Public Works in connection with the Ministry of Industry. It is understood that the necessary agreements are being published by the Prefects and by the Regional Inspectors of the Ministry of Industry.

It was reported that industries working for the Allied Military units should not be subjected to rest day displacement, but the Committee agreed that this would seriously affect the benefits of the arrangement and recommended that all industrial customers be included in the rest day displacement scheme.

The Committee was of the opinion that the present electricity supply situation in Southern Italy is very serious

60

in view of the fact that no safe margin of capacity will be available, no maintenance can be made, and Sila reservoirs are going to be completely emptied by December unless rainfall comes before that time.

35) - Any other business

Eng. Ileanza, of Ente Autonomo Volturno kindly offered the use of their office for the Committee's meeting. Eng. Masturzo expressed his thanks.

36) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on Friday August 17 in the offices of Società Meridionale di Elettricità - Naples.


Dr. Eng. FRANCESCO BARILETTI
Secretary of the Committee

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

785017

4182

Eng. Leenza, of Ente Autonomo Volturno kindly offered the use of their office for the Committee's meeting. Eng. Masturzo expressed his thanks.

36) - Date and time of the next meeting

Next meeting will be held at 0930 hrs on Friday August 17 in the offices of Società Meridionale di Elettricità - Naples.


Dr. Eng. FRANCESCO BARLUZZI
Secretary of the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785017

2452

7852

785017

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

DISTRIBUTION LIST

COPY No. :

- 1 - C.A.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - G-5 AFHQ APO 512
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7/8 - Director of Works (B) AFHQ - CMF
- 9 - C.E., AFHQ - APO 512
- 10 - QM, Coal Section AFHQ
- 11/12 - Fiscal Director, MTOUSA
- 13 - DTR (Italy) Tn. Inherent, CMF
- 14 - C.S. Taranto
- 15 - Eng. Section AAFSCO/MTO - APO 528
- 16 - Eng. Ser. Southern District PBS - APO 782
- 17/18 - C.E. - PBS - APO 782
- 19 - HQ No 1 District
- 20 - C.E. No 3 District
- 21/25 - C.G. - R.A.A.C.
- 26 - AFIRS - RAMC - CMF
- 27/28 - HQ Adriatic Depot - APO 388 USA
- 29 - Chief Commissioner AC
- 30 - Executive Commissioner HQ AC
- 31/32 - Vice President - Economic Section HQ, AC
- 33 - Commerce S/C - Coal Division (Att. Lt. Col. Oxley)
- 34 - Public Relations Br. HQ AC
- 35 - Agriculture Sub-Commission HQ AC
- 36 - Food Sub-Commission HQ AC
- 37 - Labour Sub-Commission HQ AC
- 38 - Trans. Sub-Commission HQ AC
- 39 - Industry Sub-Commission HQ AC
- 40 - Regional Commissioner
- 41 - (ATT. Regional Engineer) Emilia Region
- 42 - Piemonte Region
- 43 - Liguria Region
- 44 - Lombardia Region
- 45 - Venezia Region
- 46/70 - File
- Spares

5411
CENTRAL ITALY ELECTRICITY SCHEME

58
COPY NO.

Telephone
Rome 489081 - Ext. 317
AUG 4 1945
1st August 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The seventh meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hrs on Monday 16th July 1945 in the offices of Società Romana di Elettricità Via Poli, 14 - Rome.

Present :

Lt. Col.	W. M. Lanper	- Chairman
Prof. Eng.	A. Asta	- Vice-Chairman
Dr. Eng.	A. Rovelli	- Member
Dr. Eng.	G. Angelucci	- "
Prof. Eng.	A. Angelini	- "
Dr. Eng.	C. Pascetti	- "
Dr. Eng.	G. Angelucci	- Secretary
Dr. Eng.	F. Barluzzi	- in attendance
Lt. Col.	G. F. Parker	- "
Lt. Col.	V. S. Renton	- "
Dr. Eng.	Virgili	- "
Dr. Eng.	Pietromarchi	- "
Dr. Eng.	Maggi	- "

42) - Minutes of the sixth meeting, held on Monday 17 June 1945
The minutes were approved.

43) - Matters arising from previous minutes
Min. 37) The allocation of cement and angle bars for repairs to electric plants and transmission systems is being arranged by the Ministry of Public Works in conjunction with Allied Commission.

Min. 40) The matter of transport for electrical companies is still being investigated by Ministry of Public Works.

44) - Progress in rehabilitation of plants and transmission systems

Eng. Angelucci (A.C.E.A.)

4030

AUG 1 1945
1st August 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The seventh meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hrs on Monday 16th July 1945 in the offices of Società Romana di Eletticità, Via Poli, 14 - Rome.

Present :

Lt.Col.	W.M. Lapper	- Chairman
Prof. Eng.	A. Asta	- Vice-Chairman
Dr. Eng.	A. Rovelli	- Member
Dr. Eng.	G. Angelucci	- "
Prof. Eng.	A. Angelini	- "
Dr. Eng.	C. Fascetti	- "
Dr. Eng.	G. Angelucci	- Secretary
Dr. Eng.	F. Berluzzi	- in attendance
Lt. Col.	G.F. Parker	- "
Lt. Col.	V.S. Renton	- "
Dr. Eng.	Virgili	- "
Dr. Eng.	Pietromarchi	- "
Dr. Eng.	Maggi	- "

42) - Minutes of the sixth meeting, held on Monday 17 June 1945
The minutes were approved.

43) - Matters arising from previous minutes
Min. 37) The allocation of cement and angle bars for repairs to electric plants and transmission systems is being arranged by the Ministry of Public Works in conjunction with Allied Commission.

Min. 40) The matter of transport for electrical companies is still being investigated by Ministry of Public Works.

44) - Progress in rehabilitation of plants and transmission systems

Eng. Angelucci (A.C.I.A.)
Stated that repairs are going on according to programme; transport requirement : two 3 ton trucks, four 1.5 ton trucks.

785017

2 4 5 5

Eng. Pascetti (U.M.P.S.)

Reported on delay for Gerosa unit. Operation will probably start in August, for peak load service only. Transport requirement: six or seven trucks (1 to 3 tons) and four jeeps.

Eng. Landucci (Valdarno)

Stated that the 1st unit at Galliciano will be ready in September, 2nd unit in October. One unit at Corn fino ready on the beginning of September. Two units assembled at Pian della Rocca - no water available. Repair work at Castelnuovo carried out by contractors. The second 120 KV line Ligonchio-Sperandio to come into operation about September 15th.

Release is requested of magnetic sheets required for transformer repairs, now being produced by Terni Co.

Ministry of Public Works in conjunction with A.C. will look into this.

Eng. Novelli (Romano Co.)

Reported that one unit at Pontefiume will shortly be tested and one at Pontecupo is being transferred from Arci; this will probably come into operation by the end of August. Arrangements have been made with Northern Italy factories for Morino and Tarf repairs, 3/4 months needed. Both stations expected in operation by the end of 1945. Transport requirement three 3 ton trucks, and six light trucks for distribution systems.

Eng. Angelini (Terni Co.)

Stated that 3rd unit at Galletto will come into operation at the end of July; fourth unit probably in October. Cottile repairs delayed due to bad quality of welding electrodes.

One unit at Preci has now been dismantled. One 43 MVA transformer was found at Ganoce and will be adapted for the installation at Galletto in 3 months. Another similar transformer was taken from Genova by the Germans and is now probably near Linz (Austria).

The Committee recommended that steps be taken by A.C. for the return of this transformer.

Pescara-Terni line ready about September 15th if transport is provided.

Eng. Virgili (Stato Railways)

Reported on the repairs of transmission lines. The Committee was of the opinion that the Pescara-S. Maria Line should be reconstructed at an early date.

2457

stated that the 1st unit at Galliano will be ready in September, 2nd unit in October. One unit at Corfino ready on the beginning of September. Two units assembled at Riva delle Rocce - no water available. Repair work at Castelnuovo carried out by contractors. The second 120 KV line Ligonchio-Sperandio to come into operation about September 15th.

Release is requested of magnetic sheets required for transformer repairs, now being produced by Terni Co. Ministry of Public Works in conjunction with A.C. will look into this.

Eng. Rovelli (Romana Co.) Reported that one unit at Pontefiume will shortly be tested and one at Pontecusa is being transferred from Arci; this will probably come into operation by the end of August. Arrangements have been made with Northern Italy factories for Morino and Terni repairs, 3/4 months needed. Both stations expected in operation by the end of 1945. Transport requirement three 3 ton trucks, and six light trucks for distribution systems.

Eng. Angelini (Terni Co.) Stated that 3rd unit at Galleto will come into operation at the end of July; fourth unit probably in October. Cottalis remains delayed due to bad quality of welding electrodes.

One unit at Preci has now been dismantled. One 43 MVA transformer was found at Genova and will be adapted for the installation at Galleto in 3 months. Another similar transformer was taken from Genova by the Germans and is now probably near Linz (Austria).

The Committee recommended that steps be taken by A.C. for the return of this transformer.

Pescara-Terni line ready about September 15th if transport is provided.

Eng. Virgili (State Railways) Reported on the repairs of transmission lines. The Committee was of the opinion that the Pescara-S. 4928 line should be reconstructed at an early date.

2 4 5 8

36
45) - Operation programme and report from the Director of the Master Control Centre

Eng. Pietromarchi reported on the operation of the Central Italy Grid.

Daily peak load during the period June 11 - July 10 about 115 MW. Voltage and frequency drop during the morning peak overcome by means of small reservoir stations on Aniene River.

Power flow from the North is now about 20 MW so that the Valdarno system, interconnected with Larderello, Pian della Rocca and partially with Vera Montero is normally independent from Terni stations.

Voltage situation on UNES system still unsatisfactory; some improvements obtained through a new arrangement of Terni machinery.

46) - Import of energy from the North and standardization of frequency

It was observed that the 3rd Galleto unit and the interconnection with the north would come into operation about the end of July. The Committee agreed that they were now satisfied that there would be no difficulty in changing the Central Italy frequency to 50 cycles at this time.

47) - Any other business

It. Col. Lapper informed the Committee that he would be leaving for England shortly and would be unable to attend further meetings.

The Committee expressed its deep regret and thanked It. Col. Lapper for his true spirit of collaboration and for the very valuable assistance that he, together with his officers, have given to the electrical rehabilitation work in Central Italy.

48) - Date and time of the next meeting

Next meeting will be held at 0900 hrs on Monday 20th August in the Offices of Società Romana di Eletticità Via Poli No. 14 - Rome.

4928
To Eng. FRANCESCO GARRUZZI

daily peak load during the period June 11 - July 10 about 115 MW. Voltage and frequency drop during the morning peak overcome by means of small reservoir stations on Aniene River.

Power flow from the North is now about 20 MW so that the Valdarno system, interconnected with Iardarello, Fien della Rocce and partially with Nera Montoro is normally independent from Terni stations.

Voltage situation on UNES system still unsatisfactory; some improvements obtained through a new arrangement of Terni machinery.

46) - Import of energy from the North and standardization of frequency

It was observed that the 3rd Galleto unit and the interconnection with the north would come into operation about the end of July. The Committee agreed that they were now satisfied that there would be no difficulty in changing the Central Italy frequency to 50 cycles at this time.

47) - Any other business

It. Col. Lepper informed the Committee that he would be leaving for England shortly and would be unable to attend further meetings.

The Committee expressed its deep regret and thanked It. Col. Lepper for his true spirit of collaboration and for the very valuable assistance that he, together with his officers, have given to the electrical rehabilitation work in Central Italy.

48) - Date and time of the next meeting

Next meeting will be held at 0900 hrs on Monday 20th August in the Offices of Società Romana di Eletticità Via Poli No. 14 - Rome.


Dr. Eng. FRANCO COBARRUZZI
Secretary to the Committee

4028

2460

785017

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

DISTRIBUTION LIST

COPY No.:

- 1 - C.A.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - G-5 AFHQ APO 512
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7/8 - Director of Works (B) AFHQ - CMF
- 9 - C.E., AFHQ - APO 512
- 10 - QM, Coal Section AFHQ
- 11/12 - Fiscal Director, MTOUSA
- 13 - DMR (Italy) Tn. Increment, CMF
- 14 - C.S. Taranto
- 15 - Eng. Section AAFSCO/MTO - APO 528
- 16 - Eng. Ser. Southern District PBS - APO 782
- 17/18 - C.E. - PBS - APO 782
- 19 - HQ No 1 District
- 20 - C.E. No 3 District
- 21/25 - C.G. - R.A.A.C.
- 26 - APLRS - RAAC - CMF
- 27/28 - HQ Adriatic Depot - APO 388 USA.
- 29 - Chief Commissioner AC
- 30 - Executive Commissioner HQ AC
- 31/32 - Vice President - Economic Section HQ, AC
- 33 - Commerce S/C - Coal Division (Att. It. Col. Oxley)
- 34 - Public Relations Br. HQ AC
- 35 - Agriculture Sub-Commission HQ AC
- 36 - Food Sub-Commission HQ AC
- 37 - Labour Sub-Commission HQ AC
- 38 - Trans. Sub-Commission HQ AC
- 39 - Industry Sub-Commission HQ AC
- 40 - Regional Commissioner
- 41 - (ATT. Regional Engineer)
- 42 - Emilia Region
- 43 - Piemonte Region
- 44 - Liguria Region
- 45 - Lombardia Region
- 46/70 - Venezia Region
- File
- Spares

4937

5411 Espartaco Comandante

SOUTHERN ITALY ELECTRICITY SCHEME

COPY No. 28

Telephone

Rome 489081 - Ext. 317

JUL 8 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

MINUTES

The fifth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 hours on Wednesday June 26th 1945 in the offices of Società Meridionale di Eletticità (Naples).

Present :

Lt.Col. W.M. Lapper	- Chairman
Prof.Eng. A. Asta	- Vice-Chairman
Dr.Eng. Masturzo	- Member
Dr.Eng. Cerillo	- "
Dr.Eng. Montefusco	- "
Dr.Eng. Bove	- "
Prof.Eng. Ruggiero	- "
Dr.Eng. Leanza	- Representing Dr.Eng. Maione
Dr.Eng. Berluzzi	- Secretary

24) - Minutes of the fourth meeting of the Committee, held on Saturday 19th May 1945

The minutes were approved.

25) - Matters arising from previous minutes

Min. 19 - It was reported that the Italian military personnel for the clearing of mines at Celli Volturmo had been withdrawn and sent to the North. The Committee recommended that in order to avoid serious delay in transmission line repairs, this personnel be sent back to Southern Italy as soon as possible.

Min. 19 - Lists of insulators required by electric companies have been received by Ministry of Public Works. Companies will also inform the Ministry on their discussions with Northern Italy Firms. Ginori Factory to report on coal which is being received in Piombino, and on the date they will start operating. Priority schedule will then be prepared for allocation of insulators produced.

Min. 19 - Eng. Asta reported that 100 tons of coke have been allocated to Corradini Firm which is now able to operate for one month, producing 20 tons of carbon conducting for the

MA

785017

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

MINUTES

The fifth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 hours on Wednesday June 20th 1945 in the offices of Società Meridionale di Elettricità (Naples).

Present :

Lt.Col. W.M. Lapper	- Chairman
Prof.Eng. A. Asta	- Vice-Chairman
Dr.Eng. Masturzo	- Member
Dr.Eng. Cerillo	- "
Dr.Eng. Montefusco	- "
Dr.Eng. Bove	- "
Prof.Eng. Ruggiero	- "
Dr.Eng. Leanza	- Representing Dr.Eng.Maione
Dr.Eng. Barluzzi	- Secretary

- 24) - Minutes of the fourth meeting of the Committee, held on Saturday 19th May 1945

The minutes were approved.

- 25) - Matters arising from previous minutes

Min. 19 - It was reported that the Italian military personnel for the clearing of mines at Gelli Volturno had been withdrawn and sent to the North. The Committee recommended that in order to avoid serious delay in transmission line repairs, this personnel be sent back to Southern Italy as soon as possible.

Min. 19 - Lists of insulators required by electric companies have been received by Ministry of Public Works. Companies will also inform the Ministry on their discussions with Northern Italy Firms. Ginori Factory to report on coal which is being received in Piombino, and on the date they will start operating. Priority schedule will then be prepared for allocation of insulators produced.

Min. 19 - Eng. Asta reported that 100 tons of coke have been allocated to Corradini Firm which is now able to operate for one month, producing 30 tons of copper conductors for the S.M.E.

Min. 22 - Direzione Generale Arme dei Carabinieri has officially been requested by Ministry of Public Works to

(Carabinieri)

See M. 54

52

take necessary action against transmission line thefts. More detailed information is required from the Companies. Eng. Masturzo reported that some local action had been taken and the situation had considerably improved.

26) - Progress in rehabilitation of plants and transmission lines

Eng. Masturzo reported on the repairs of Società Meridionale di Elettricità pointing out that the shortage of copper and insulating material (shells and mica) in the manufacturing companies is delaying all work. The Committee recommended that a list of Northern Italy factories actually engaged in repair work of electrical systems be submitted to A.C. in order that steps be taken to supply raw material to those factories. Rehabilitation on lines delayed due to shortage of angle bars, carbide, transport and copper conductor.

Eng. Asta reported that lists of trucks and cars required by Companies have been prepared and are being discussed with the Ministry of Transports in order to obtain vehicles rendered available to the Italian Government by Allied Military Authorities. Action is being taken with the Ministry of Industry for the matter of angle bars.

The Committee recommended that material and transport be allocated as soon as possible.

Some delay was reported in Sub-station repair due to shortage of bakelite tubes for transformers. The Committee recommended that results of the investigation which is being made by the Italian Government to ascertain the availability of this material in Northern Italy be submitted to A.C. as soon as possible.

It was also agreed that AC take some steps to see if two 15000 KVA transformers ordered by SIE to Brown Boveri Co. are actually available in the North.

Eng. Leanza of Ente Autonomo Volturno reported that all repairs are going on according to programme.

An official request will now be made by this company for tyres and trucks needed for the transfer of units.

27) - Operation programme and allocation of power

The programme was agreed. Suggested reduction of load is due to abnormally dry weather during 1945.

28) - Standardization of frequency

Col. Laper advised that this matter be discussed at a later date, when repairs to transmission lines interconnecting Central and Southern Italy, will be at an advanced stage.

4024

785017

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

di Elettricità pointing out that the shortage of copper and insulating material (shellac and mica) in the manufacturing companies is delaying all work. The Committee recommended that a list of Northern Italy factories actually engaged in repair work of electrical systems be submitted to A.C. in order that steps be taken to supply raw material to those factories. Rehabilitation of lines delayed due to shortage of angle bars, carbide, transport and copper conductor.

Eng. Aste reported that lists of trucks and cars required by Companies have been prepared and are being discussed with the Ministry of Transports in order to obtain vehicles rendered available to the Italian Government by Allied Military Authorities. Action is being taken with the Ministry of Industry for the matter of angle bars.

The Committee recommended that material and transport be allocated as soon as possible.

Some delay was reported in Sub-station repair due to shortage of bakelite tubes for transformers. The Committee recommended that results of the investigation which is being made by the Italian Government to ascertain the availability of this material in Northern Italy be submitted to A.C. as soon as possible.

It was also agreed that AC take some steps to see if two 15000 KVA transformers ordered by SME to Brown Boveri Co. are actually available in the North.

Eng. Lorenza of Ente Autonomo Volturno reported that all repairs are going on according to programme.

An official request will now be made by this company for tyres and trucks needed for the transfer of units.

27) - Operation programme and allocation of power

The programme was agreed. Suggested reduction of load is due to abnormally dry weather during 1945.

2024

28) - Standardization of frequency

Col. Lepner advised that this matter be discussed at a later date, when repairs to transmission lines interconnecting Central and Southern Italy, will be at an advanced stage.

./.

2465

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

785017

29) - Any other business

Nil

30) - Date and time of the next meeting

Next meeting will be held at 0930 on Wednesday 16th July 1945 in the offices of Società Meridionale di Eletticità - Naples.

F. P. L.
Dr. Eng. Francesco Barluzzi
Secretary to the Committee

Distribution
list attached

1003

DISTRIBUTION

Copy No

- 1 - C.A.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - Chief Commissioner HQ
- 4/5 - C-4 (A) AFHQ
- 6 - C-4 (B) AFHQ
- 7 - C-5 AFHQ APO 512
- 8 - QM, Coal Section AFHQ
- 9 - C.E., AFHQ - APO 512
- 10/11 - Director of Works (B) AFHQ - CMF
- 12 - Fiscal Director, NTUSA
- 13 - DMR (Italy) Tn. Increment, CMF
- 14/15 - D.C.C.A.O., 15th Army Group
- 16/17 - Vice President - Economic Section HQ AC
- 18 - Economic Section, HQ AC
- 19 - Economic Section (Att. Ecl. L.A. Jenny)
- 20/21 - Industry Sub-Commission HQ AC
- 22 - Industry S/C - Coal Section (Att. Lt. Col. Oxley)
- 23 - Public Relations Br. HQ AC
- 24 - Agriculture Sub-Commission HQ AC
- 25 - Food Sub-Commission HQ AC
- 26 - Labour Sub-Commission HQ AC
- 27 - Trans. Sub-Commission - Products & Works Div. HQ AC
- 28 - Executive Commissioner HQ AC
- 29 - Regional Commissioner II, Toscana Region
- 30 - (Att. Regional Engineer) Emilia Region
- 31 - Lombardia Region
- 32 - Venezia Region
- 33 - C.S. Taranto
- 34/35 - M.A.A.F. (A)
- 36 - Eng. Section AAFSGO/HQO - APO 528 USA
- 37 - HQ No 1 District
- 38 - C.E. No 3 District
- 39/43 - C.G. - R.A.A.C.
- 44/45 - C.E. - PBS - APO 782 USA
- 46 - Eng. Ser. Southern District PBS - APO 782
- 47/48 - HQ Adriatic Depot - APO 388 USA
- 49 - AFIRS - RAAC - CMF
- 50 - File
- 51/65 - Spares

4822

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

785017

2466

Executive Commission (18)
5411
CENTRAL ITALY ELECTRICITY SCHEME

COPY No 28

Telephone
Rome 489081 - Ext. 317

27 JUN 3 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The sixth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hrs on Monday 18th June 1945 in the Offices of Società Romana di Eletticità - Via Poli No 14 - Rome.

Present :

It. Col.	W.M. Lapper	-	Chairman
Prof. Eng. A. Asta		-	Vice-Chairman
Dr. Eng. A. Rovelli		-	Member
Dr. Eng. G. Angelucci		-	"
Prof. Eng. A. Angelini		-	"
Dr. Eng. C. Fascetti		-	"
Dr. Eng. G. Landucci		-	Secretary
Dr. Eng. F. Barluzzi		-	in attendance
It. Col. V.S. Renton		-	"
Dr. Eng. D. Pietromarchi		-	"
Dr. Eng. Pisani		-	"

35) - Minutes of the fifth meeting held on Friday, May 25 1945.
The minutes were approved.

36) - Matters arising from previous minutes
There were no matters arising.

37) - Progress in rehabilitation of plants and transmission systems

Eng. Landucci

Stated transmission system in Bologna-Firenze area proceeding satisfactory. He referred to Società Metallurgica Fornaci di Barga who were short of copper for wire drawing.

Eng. Fascetti

Considered that the northern Italy plant manufacturers should now be used in the repairs to plant. He submitted a report showing the progress of repairs in the UNES system since November 1944.

Eng. Rovelli

Reported to the serious water leakage at Canterno and stated that 500 tons of cement are urgently required to carry out the repairs during the summer months.

4921

P/A

MINUTES

The sixth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hrs on Monday 18th June 1945 in the Offices of Società Romana di Eletticità - Via Poli N° 14 - Rome.

Present :

It. Col.	W.M. Lapper	- Chairman
Prof. Eng. A. Asta	- Vice-Chairman	
Dr. Eng. A. Rovelli	- Member	
Dr. Eng. G. Angelucci	- "	
Prof. Eng. A. Angelini	- "	
Dr. Eng. C. Fascetti	- "	
Dr. Eng. G. Landucci	- Secretary	
Dr. Eng. F. Barluazi	- in attendance	
It. Cvl. V.S. Reaton	- "	
Dr. Eng. D. Pietromarchi	- "	
Dr. Eng. Pisani	- "	

- 35) - Minutes of the fifth meeting held on Friday, May 25 1945
The minutes were approved.
- 36) - Matters arising from previous minutes
There were no matters arising.
- 37) - Progress in rehabilitation of plants and transmission systems
Eng. Landucci
Stated transmission system in Bologna-Firenze area proceeding satisfactory. He referred to Società Metallurgica For-neci di Barga who were short of copper for wire drawing.
Eng. Fascetti
Considered that the northern Italy plant manufacturers should now be used in the repairs to plant. He submitted a report showing the progress of repairs in the UNES system since November 1944.

Eng. Rovelli
Reported to the serious water leakage at Canterno and stated that 500 tons of cement are urgently required to carry out the repairs during the summer months.
Contacts have been made with northern Italy firms to arrange for repairs to damaged units.

The Committee recommended that a sufficient allocation of cement be made to Società Romana di Eletticità in order to complete the Canterno works during the summer months.

(Car. Amey)

Lee H. 534

P/A

Eng. Angelucci

In reviewing the repairs to plants in the ACEA system stated that work was progressing according to programme. He informed the Committee that a 5,000 KW unit at Castelmadama was nearing completion.

Eng. Angelini

Said that the third 35,000 KW unit at Galleto would be ready for operation about 20 July 1945. The Vomano project could not be resumed until cement was made available.

He thought that Montecatini factory at Cengio would be able to supply the bakelite tubes now urgently needed by Terni Co. as well as by other electrical companies. It was understood that the factory was waiting for a supply of coal.

In connection with transmission line repairs there was a shortage of angle bars and cement.

After much discussion the Committee recommended that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works take definite action in order to increase the allocation of cement and angle bars urgently needed in connection with the rehabilitation of electricity supplies.

Lt. Col. Lapper inquired on the wire drawing work of Società Metallurgica Fornaci di Barga and the Committee agreed to the following priority of work:

(1) Valdarno, (2) Unes, (3) SRE. Maj. Barry of the Electrical Division - Florence Office would be asked to provide the necessary assistance for the activation of this factory.

38) - Operation programme and report from the Director of the Master Control Centre

Eng. Pietromarchi reported on the operation of the Central Italy grid system.

It was shown that energy from the North was first conveyed on June 10 from Ligonchio station (Edison Co.) thus providing additional 10 MW for Central Italy.

Frequency was raised from 45 to 46 cycles starting from 13th June in order to meet UNES and VALDARNO requirements in some areas; no particular troubles were encountered following this increase.

Eng. Pietromarchi also reported that voltage is now normal on Valdarno system; UNES grid voltage will be materially improved when Galleto 3rd unit and Gorosa station come into operation.

The matter of salary for Master Control Personnel was

20

785017

2469

ready for operation about 20 July 1945. The Vemano project could not be resumed until cement was made available.

He thought that Montecatini factory at Cengio would be able to supply the bakelite tubes now urgently needed by Terni Co. as well as by other electrical companies. It was understood that the factory was waiting for a supply of coal.

In connection with transmission line repairs there was a shortage of angle bars and cement.

After much discussion the Committee recommended that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works take definite action in order to increase the allocation of cement and angle bars urgently needed in connection with the rehabilitation of electricity supplies.

Lt. Col. Lapper inquired on the wire drawing work of Società Metallurgica Fornaci di Barga and the Committee agreed to the following priority of work:

(1) Valdarno, (2) Unes, (3) SRE. Maj. Berry of the Electrical Division - Florence Office would be asked to provide the necessary assistance for the activation of this factory.

38) - Operation programme and report from the Director of the Master Control Centre

Eng. Pietromarchi reported on the operation of the Central Italy grid system.

It was shown that energy from the North was first conveyed on June 10 from Ligonchio station (Edison Co.) thus providing additional 10 MW for Central Italy.

Frequency was raised from 45 to 46 cycles starting from 13th June in order to meet UNES and VALDARNO requirements in some areas; no particular troubles were encountered following this increase.

Eng. Pietromarchi also reported that voltage is now normal on Valdarao system; UNES grid voltage will be materially improved when Galletto 3rd unit and Gorosa station come into operation.

The matter of salary for Master Control Personnel was discussed and the Committee agreed the following amendments:

Statistical Assistant - salary per month from 8400 to 10,000.== lire.

Stenotypist - salary per month from 4900 to 6500 lire.

./.

To take effect as from February 15, 1945.

It was also agreed that personnel previously employed by the Electrical Companies, but now on the Master Control Staff, should receive from the electrical companies any difference in salary which they would have been entitled to if still in their employ.

39) - Import of energy from Northern Italy and standardization of frequency

Cal. Lapper reported that a notice had been inserted in the newspapers warning consumers of the impending change in frequency of central Italy from 45 to 50 cycles.

Eng. Rovelli reported that the Consiglio Nazionale delle Ricerche had been anxious as to the behaviour of energy meters when frequency will be raised from 45 to 50 cycles. He also reported that according to some tests carried out by the S.R.E. no trouble is to be feared. A report on this subject leading to the same conclusion will be presented by the Ministry of Public Works.

40) - Any other business

It was reported that shortage of transport is still seriously affecting the rehabilitation programme of electric companies and that Ente Nazionale Autotrasporti Cose (ENAC) is unable to meet the companies' requirements. Eng. Asta said that the electrical companies' case would be taken up at the Ministry so that they would receive an allotment of the transport shortly to be made available. The Committee recommended that quick action be taken in order to settle this question as soon as possible.

41) - Date and time of the next meeting

Next meeting will be held at 0900 hours on Monday July 16th 1945 in the Offices of Società Romana di Eletticità - Rome.



Dr. Eng. FRANCESCO MARINUZZI
Secretary to the Committee

2472

785017

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

DISTRIBUTION

- | | |
|---------|---|
| Copy No | |
| 1 | - C.A.O. - AFHQ |
| 2 | - C-in C Mediterranean Station AFHQ |
| 3 | - Chief Commissioner AC |
| 4/5 | - G-4 (A) AFHQ |
| 6 | - G-4 (B) AFHQ |
| 7 | - G-5 AFHQ APO 512 |
| 8 | - QM, Coal Section AFHQ |
| 9 | - C.E., AFHQ - APO 512 |
| 10/11 | - Director of Works (B) AFHQ - CMF |
| 12 | - Fiscal Director, MTOUSA |
| 13 | - DMR (Italy) Tn. Increment, CMF |
| 14/15 | - D.C.C.A.O., 15th Army Group |
| 16/17 | - Vice President - Economic Section HQ AC |
| 18 | - Economic Section, HQ AC |
| 19 | - Economic Section (Att. Mcl. L.A. Jenny) |
| 20/21 | - Industry Sub-Commission HQ AC |
| 22 | - Industry S/C - Coal Section (Att. Lt. Col. Oxley) |
| 23 | - Public Relations Br. HQ AC |
| 24 | - Agriculture Sub-Commission HQ AC |
| 25 | - Food Sub-Commission HQ AC |
| 26 | - Labour Sub-Commission HQ AC |
| 27 | - Trans. Sub-Commission - Products & Works Div. HQ AC |
| 28 | - Executive Commissioner HQ AC |
| 29 | - Regional Commissioner: Tisone Region |
| 30 | - (Att. Regional Engineer) Livia Region |
| 31 | - Lombardie Region |
| 32 | - Venetie Region |
| 33 | - C.S. Toronto |
| 34/35 | - M.A.A.F. (A) |
| 36 | - Eng. Section AAFSCO/MTO - APO 528 USA |
| 37 | - HQ No 1 District |
| 38 | - C.E. No 3 District |
| 39/43 | - C.G. - R.A.A.C. |
| 44/45 | - C.E. - PBS - APO 782 USA |
| 46 | - Eng. Ser. Southern District PBS - APO 782 |
| 47/48 | - HQ Aeriatic Depot - APO 388 USA |
| 49 | - AFIRS - RAAO - CMF |
| 50 | - File |
| 51/65 | - Spares |

4918

Electric Committee

GENERAL ITALY ELECTRICITY SCHEME

COPY No 28

5414

Telephone

Rome 489081 - Ext. 317

8 June 1945 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MINUTES

The fifth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 on Friday 25 May 1945 in the office of Lt. Col. W.M. LAPPER - Allied Commission Hq, Rome.

Present :

Lt. Col.	W.M. LAPPER	- Chairman
Prof. Eng.	A. ASTA	- Vice-Chairman
Dr. Eng.	A. ROVELLI	- Member
Dr. Eng.	G. ANGELUCCI	- "
Prof. Eng.	A. ANGELINI	- "
Dr. Eng.	C. FASCETTI	- "
Dr. Eng.	G. LANDUCCI	- Secretary
Dr. Eng.	F. BARLUZZI	- In attendance
Lt. Col.	V.S. RENTON	- "
Dr. Eng.	T. MASTURZO	- "
Dr. Eng.	D. PIERROMARONI	- "
Prof. Eng.	G. SILVA	- "
Dr. Eng.	PROSPERI	- "

Lt. Col. Lapper informed the Committee that he had made a tour in Northern Italy and was pleased to state that the situation with regard to electrical power was good and that very little damage had been done to electrical generating plants and transmission systems. Every effort would now be made to repair transmission system between Bologna and Florence, serious damage having taken place in this battle area, so that power could be transmitted from Northern Italy to assist Central and later Southern Italy.

29) - Minutes of the fourth meeting held on Monday 16th April 1945

The minutes were approved.

30) - Matters arising from previous minutes

There were no matters arising from the previous minutes.

31) - To receive a report from the Director of the Master Control Centre

It was reported that an improvement in voltage and frequency on U.N.E.S. and Valdarno systems will be obtained when the

2 4 7 4

785017

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

2167

29) - Minutes of the fourth meeting held on Monday 16th April 1945

30) - Matters arising from previous minutes

31) - To receive a report from the Director of the Master Control Centre

(over)

2475

785017

32) - Standardization of frequency

It. Col. Lapper stated that arrangements were being made to transmit 100,000 KW of power from Northern Italy to Central Italy. This would be imported at 50 cycle frequency. Under these circumstances it appeared desirable to raise the frequency of Central Italy to 50 cycles, so that the benefits of the interconnected system could still be maintained.

While it was to be expected that the changing of frequency may cause inconvenience to consumers in areas which hitherto had not operated at 50 cycles, advantage should be taken of the present reduction in industrial load brought about by war damage.

It. Col. Lapper pointed out that the subject was of very great importance and that, as it would later affect Southern Italy, he had therefore invited Eng. Pasturzo from the Southern Italy Advisory Committee, Eng. Silve of the Associazione Esercenti Imprese Elettriche (AEIE) and Eng. Prosperi of State Railways to attend.

After much discussion the Committee recommended that a change in frequency from 45 to 50 cycles should be made for Central Italy as soon as the power from Northern Italy became available.

With regard to Southern Italy Eng. Masturzo advised that, as the industrial position in the South had been restored to a greater extent than in Central Italy, the problem of change in frequency became more difficult. He was, however, in favour of changing to 50 cycles frequency, at an early date, and considered that a few months should be allowed in order to give consumers the opportunity to get the necessary change to their equipment.

It was estimated that the Terni-Pescora and Pescara-Frette Maggiore lines would be completed about October-November and that, as 50 cycles power could then be imported from Central Italy, this should be taken as being the date for changing frequency in Southern Italy.

The Committee was of the opinion that, as the electrical companies were being asked to change the frequency at a date much earlier than that in the Government decree, viz. 1932, they should be safeguarded against claims made by the consumers for costs incurred in changing equipment.

It. Col. Lapper promised to examine this with Eng. Asta and to report at the next meeting.

to vary the frequency of current in any case, so that the benefits of the interconnected system could still be maintained.

While it was to be expected that the changing of frequency may cause inconvenience to consumers in areas which hitherto had not operated at 50 cycles, advantage should be taken of the present reduction in industrial load brought about by war damage.

It. Col. Lappor pointed out that the subject was of very great importance and that, as it would later affect Southern Italy, he had therefore invited Eng. Vesturzo from the Southern Italy Advisory Committee, Eng. Silve of the Associazione Esercenti Imprese Elettriche (AIEE) and Eng. Prossperi of State Railways to attend.

After much discussion the Committee recommended that a change in frequency from 45 to 50 cycles should be made for Central Italy as soon as the power from Northern Italy became available.

With regard to Southern Italy Eng. Vesturzo advised that, as the industrial position in the South had been restored to a greater extent than in Central Italy, the problem of change in frequency became more difficult. He was, however, in favour of changing to 50 cycles frequency, at an early date, and considered that a few months should be allowed in order to give consumers the opportunity to get the necessary change to their equipment.

It was estimated that the Terni-Pescora and Pescara-Prette Maggiore lines would be completed about October-November and that, as 50 cycles power could then be imported from Central Italy, this should be taken as being the date for changing frequency in Southern Italy.

The Committee was of the opinion that, as the electrical companies were being asked to change the frequency at a date much earlier than that in the Government decree, viz. 1952, they should be safeguarded against claims made by the consumers for costs incurred in changing equipment.

It. Col. Lappor promised to examine this with Eng. Asta and to report at the next meeting.

33) - Any other business
Nil.

2477

Declassified E.O. 12356 Section 3.3/NND No. 785017

34) - Date and time of the next meeting

Next meeting will be held at 0900 hours on Monday 16 June 1945 in the offices of Società Romana di Eletticità.

Dr. ING. FRANCESCO BARIUCCI
Secretary to the Committee

Distribution list attached.

4013

Declassified E.O. 12356 Section 3.3/NND No. 785017DISTRIBUTIONCopy No

1 - C.A.O. - AFHQ
 2 - C-in C Mediterranean Station AFHQ
 3 - Chief Commissioner AC
 4/5 - G-4 (A) AFHQ
 6 - G-4 (B) AFHQ
 7 - G-5 AFHQ APO 512
 8 - C-1, C-2 Section AFHQ
 9 - C.E., AFHQ - APO 512
 10/11 - Director of Works (B) AFHQ - CMF
 12 - Fiscal Director, MFOUSA
 13 - DMR (Italy) In. Increment, CMF
 14/15 - D.C.A.O., 15th Army Group
 16/17 - Vice President - Economic Section HQ AC
 18 - Economic Section, HQ AC
 19 - Economic Section (Att. Mol. L.A. Jenny)
 20/21 - Industry Sub-Commission HQ AC
 22 - Industry S/C - Coal Section (Att. Lt. Col. Oxley)
 23 - Public Relations Br. HQ AC
 24 - Agriculture Sub-Commission HQ AC
 25 - Food Sub-Commission HQ AC
 26 - Labour Sub-Commission HQ AC
 27 - Trans. Sub-Commission - Products & Works Div. HQ AC
 28 - Executive Commissioner HQ AC
 29 - Regional Commissioner, Toscana Region
 30 - (Att. Regional Engineer) Emilia Region
 31 - Lombardia Region
 32 - Venetia Region
 33 - C.S. Toronto
 34/35 - M.A.A.P. (A)
 36 - Eng. Section AFSCO/UTO - APO 518 USA
 37 - HQ No 1 District
 38 - C.E. No 3 District
 39/43 - C.G. - R.A.A.C.
 44/45 - C.E. - PBS - APO 782 USA
 46 - Eng. Ser. Southern District PBS - APO 782
 47/48 - HQ Adriatic Depot - APO 388 USA
 49 - AFIRS - RMAO - CMF
 50 - File
 51/65 - Spares

4014

Telephone

Rome 489081 - Ext. 317

26 May 1945 28 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)
MAY

The fourth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday 19th May 1945 in the offices of Società Meridionale di Elettricità - Naples.

Present:

Dr. Eng. MASTURZO	- Acting Chairman
Prof. Eng. ASTA	- Vice Chairman
Dr. Eng. CIRILLO	- Member
Dr. Eng. MONTEFUSCO	- "
Dr. Eng. BOVE	- "
Prof. Eng. RUGGIERO	- "
Dr. Eng. LAMAZZA	- Representing Dr. Eng. Meione
Dr. Eng. BIRIVUCCI	- Secretary

Prof. Eng. Asta reported that Lt. Col. W. M. Lapper (Chairman) was in Northern Italy; before leaving he had agreed with Mr. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr. Eng. Masturzo Acting Chairman to the Committee.

Eng. Masturzo expressed his thanks to Lt. Col. Lapper and to Mr. Visentini.

18) - Minutes of the third meeting of the Committee held on Saturday April 14th 1945

The minutes were approved.

19) - Matters arising from previous minutes

Min. 13) - Eng. Asta submitted a plan for the clearing of mines, agreed by the Ministry of Public Works and Ministry of War. This plan involves high expenses, the companies will examine this plan carefully and make their recommendations. Mines are being cleared in Valle Pescara - Aventino area and the Committee recommended that Military operations at Colli Volturno operate now north of this place and clearing of mines be also carried out in Formia Area.

Min. 13) - Lists of insulators required by operating Companies have been received by Eng. Asta and a priority schedule is being established. The Committee recommended that A.C. officers in Northern Italy be informed of the Companies requirements and contact representatives of insulator factories.

The fourth meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday 19th May 1945 in the offices of Società Meridionale di Elettricità - Naples.

Present :

Dr. Eng.	MASTURZO	-	Acting Chairman
Prof. Eng.	STA.	-	Vice Chairman
Dr. Eng.	CERRILLO	-	Member
Dr. Eng.	MONTANUSO	-	"
Dr. Eng.	BOVE	-	"
Prof. Eng.	ENGELTRO	-	"
Dr. Eng.	FRANCA	-	Representing Dr. Eng. Keione
Dr. Eng.	BARINZAI	-	Secretary

Prof. Ing. Asto reported that Lt. Col. W.H. Lepper (Chairman) was in Northern Italy; before leaving he had agreed with Mr. Visentini, General Inspector for Electricity, Water and Gas of the Ministry of Public Works, to appoint Dr. Eng. Mosturco Acting Chairman to the Committee.

Eng. Mesturzo expressed his thanks to Lt. Col. Lepper and to Mr. Vicentini.

118) - Minutes of the third meeting of the Committee
held on Saturday April 14th 1945

The minutes were approved.

19) - Motors arising from previous minutes

Min. 137 - Eng. Asta submitted a plan for the clearing of mines, agreed by the Ministry of Public Works and Ministry of War. As this work involves high expenses, the companies will examine this plan carefully and make their recommendations. Mines are being cleared in Valle Pescara - Aventino area and the Committee recommended that Military personnel at Colli Volturno operate now north of this place and clear ing of mines be also carried out in Formic area.

Min. 13) - Lists of insulators required by operating Companies have been received by Eng. Asts and a priority schedule is being established. The Committee recommended that A.C. officers in Northern Italy be informed of the Companies requirements and contact representatives of insulator factories in Northern Italy. Orders may then be passed to General Factories for porcelain parts required.

The Committee also advised that Società Meridionale di Elettricità and Ente Autonomo del Volturno submit a list of insulator factories together with their requirements, and /

(Capt. Arnold) (JH)

1410

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

785017

2 4 8 0

785017

that Companies representatives may get in touch with Northern Italy Insulator Factories as well as with other firms.

Min. 14) - Request of iron and carbide for Pescara repairs has been sent to Ministry of Industry. The Committee again recommended that this material be supplied with the utmost urgency.

Min. 15) - It was reported that Moncalini Factory at Isola d'Isola could carry out some repair work, thus relieving Novateleccezione; electric companies to make necessary detailed arrangements.

The Committee recommended that the possibility to carry out repairs for big machines in Northern Italy Firms be studied and a plan of priorities be established in agreement with A.C. and Ministry of Public Works.

Min. 15) - Minute 15 should read "the Committee advised that curtailments will probably be necessary to conserve water in the Sile reservoirs. Central Commission will decide which loads are to be disconnected".

Min. 16) - Priority on rail transport in hand by Ministry of Public Works and State Railway. Società Meridionale di Elettricità will inform on the weekly number of wagons required.

Min. 16) - Corradini Wire-drawing Works are practically non-operating due to lack of coke. It was reported that 6.7 kilos of coke are required to wire-draw 1 kilo of copper; daily requirement 3 tons of coke.

The Committee recommended that 100 tons of coke (necessary for one month operation) be supplied to Corradini firm in order to avoid serious delay in electric plant repairs.

Eng. Vasta reported that Società Metallurgica Formosa di Borgo applied for 2000 KW of power to carry out wire-drawing work. The matter is being examined by the Central Commission. The Committee recommended that the Electrical Companies submit to Ministry of Public Works all necessary informations on their requirements, in order to establish a priority schedule.

Min. 16) - The matter of providing additional ~~trucks~~ ^{trucks} and tyres for existing vehicles, in hand by A.C. ~~Min. 12~~ ^{Min. 12} Ministry of Public Works.

2C) - To review and make recommendations in connection with the rehabilitation of generating plants and transmission lines Eng. Masturzo reported on the progress of repairs of Società Meridionale di Elettricità

Min. 14) - It was reported that Ronchini Factory at Isola Lidi could carry out some repair work, thus relieving Navalmeccanica; electric companies to make necessary detailed arrangements.

The Committee recommended that the possibility to carry out repairs for big machines in Northern Italy firms be studied and a plan of priorities be established in agreement with A.C. and Ministry of Public Works.

Min. 15) - Minute 15 should read "the Committee advised that curtailments will probably be necessary to conserve water in the Sila reservoirs. Central Commission will decide which loads are to be disconnected".

Min. 16) - Priority on-rail-transport in hand by Ministry of Public Works and State Railway. Società Meridionale di Elettricità will inform on the weekly number of wagons required.

Min. 16) - Corradini Wire-drawing Works are practically non-operating due to lack of coke. It was reported that 0.7 kilos of coke are required to wire-draw 1 kilo of copper; daily requirement 3 tons of coke.

The Committee recommended that 100 tons of coke (necessary for one month operation) be supplied to Corradini firm in order to avoid serious delay in electric plant repairs.

Eng. Asta reported that Società Metallurgica Fornaci di Barga applied for 2000 Kw of power to carry out wire-drawing work. The matter is being examined by the Central Commission. The Committee recommended that the Electrical Companies submit to Ministry of Public Works all necessary information on their requirements, in order to establish a priority schedule.

Min. 16) - The matter of providing additional transport end tyres for existing vehicles, in hand by A.C. and Ministry of Public Works.

20) - To review and make recommendations in connection with the rehabilitation of generating plants and transmission lines

Eng. Masturzo reported on the progress of repairs of Società Meridionale di Elettricità.

One unit at Fescera IV has been dismantled with means on hand (crane not yet fixed) but a large truck (12 tons) is now necessary to take the unit to Terni. The Committee recommended that A.C. take some steps in order to provide a military truck.

2483

785017

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

Delay in transmission lines repair is due to shortage of angle bars already requested. The Committee recommended that steps be taken in order to expedite the delivery of this material.

Eng. Iannas reported that repairs of Ente Autonomo del Volturno are proceeding according to programme.

21) - Operation programme and allocation of power for the month of June 1945

The programme was approved. The Committee agreed that due to the present hydrological situation, abnormally unfavourable, new application for large load should not be considered for the present.

22) - Any other business

It was reported that theft of transmission lines conductors is now extremely serious including lines of 60 KV which were kept alive.

The Committee recommended that Direzione Generale dell'Arma dei Carabinieri be requested to take necessary action to prevent theft.

The matter of interconnection between Southern and Central Italy was taken up. Eng. Iannas reported that the Ministry of Public Works in collaboration with the A.C. and Electric Companies of Central Italy is examining the possibility of transmitting power from Northern to Central Italy. The Committee recommended that this study be extended to Southern Italy. S.M.E. and E.A.V. will send to the Ministry of Public Works lists of the characteristics of transmission lines and transformers necessary for interconnection with Central Italy.

23) - Date and time of the next meeting

Next meeting will be held at 0930 hours on Saturday 16th June in the offices of Societa Meridionale di Eletticità Naples.

Dr. Eng. Francesco Barlunguelli
Secretary to the Committee

Distribution list attached

21) - Operation programme and allocation of power for the month of June 1945

The programme was approved. The Committee agreed that due to the present hydrological situation, abnormally unfavourable, new application for large load should not be considered for the present.

22) - Any other business

It was reported that theft of transmission lines conductors is now extremely serious including lines of 60 KV which were kept alive.

The Committee recommended that Direzione Generale dell'Arma dei Carabinieri be requested to take necessary action to prevent theft.

The matter of interconnection between Southern and Central Italy was taken up. Eng. Asta reported that the Ministry of Public Works in collaboration with the A.C. and Electric Companies of Central Italy is examining the possibility of transmitting power from Northern to Central Italy. The Committee recommended that this study be extended to Southern Italy. S.M.E. and E.A.V. will send to the Ministry of Public Works lists of the characteristics of transmission lines and transformers necessary for interconnection with Central Italy.

23) - Date and time of the next meeting

Next meeting will be held at 0930 hours on Saturday 16th June in the offices of Società Meridionale di Elettricità Naples.

Dr. Eng. Francesco Baruzzi
Dr. Eng. FRANCESCO BARUZZI
Secretary to the Committee

Distribution list attached

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

785017

DISTRIBUTIONCopy No

- 1 - C.A.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - Chief Commissioner AC
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7 - G-5 AFHQ APO 512
- 8 - G-1, Coal Section AFHQ
- 9 - C.E., AFHQ - APO 512
- 10/11 - Director of Works (B) AFHQ - CMF
- 12 - Fiscal Director, MTOUSA
- 13 - DMR (Italy) Th. Increment, CMF
- 14/15 - D.C.C.A.O., 15th Army Group
- 16/17 - Vice President - Economic Section HQ AC
- 18 - Economic Section, HQ AC
- 19 - Economic Section (Att. Col. L.A. Jenny)
- 20/21 - Industry Sub-Commission HQ AC
- 22 - Industry S/C - Coal Section (Att. Lt. Col. Oxley)
- 23 - Public Relations Br. HQ AC
- 24 - Agriculture Sub-Commission HQ AC
- 25 - Food Sub-Commission HQ AC
- 26 - Labour Sub-Commission HQ AC
- 27 - Trans. Sub-Commission - Products & Works Div. HQ AC
- 28 - Executive Commissioner HQ AC
- 29 - Regional Commissioner Tuscany Region
- 30 - (Att. Regional Engineer) Emilia Region
- 31 - Lombardy Region
- 32 - Venetia Region
- 33 - C.S. Taranto
- 34/35 - M.A.A.F. (A)
- 36 - Eng. Section AAFSCO/MTO - APO 528 USA
- 37 - HQ No 1 District
- 38 - C.E. No 3 District
- 39/43 - C.G. - R.A.A.C.
- 44/45 - C.E. - PBS - APO 782 USA
- 46 - Eng. Ser. Southern District PBS - APO 782
- 47/48 - HQ Adriatic Depot - APO 388 USA
- 49 - AFLRS - R.A.C. - CMF
- 50 - File
- 51/65 - Spares

4310

2486

785017

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

35

5411

COPY No

SARDINIA ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

26 May 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SARDINIA)

MINUTES

The third meeting of the Advisory Committee on Electric Power (Sardinia) was held at 1600 hours on Sunday 6 May 1945 in the offices of Societa Elettrica Sarda (Cagliari).

Present :

- Dr. Eng. T. FIORELLI - Chairman
- Dr. Eng. V. GANDIN - Member
- Dr. Eng. M. MANFREDI - Member

Eng. Fiorelli informed that he had been appointed chairman to the Committee by Lt. Col. W.M. Lapper (Chief Electrical Division A.C.) in agreement with Mr. Visentini (General Inspector for Electricity, Water and Gas of the Ministry of Public Works).

Eng. Fiorelli expressed his great satisfaction and the hope that Lt. Col. Lapper and some representatives of the Ministry of Public Works be sometimes able to attend to the meetings in order to establish a better connection with central organizations.

Eng. Sanna was absent due to engagement in continental Italy.

12) - Minutes of the meeting held on 26 March 1945

The minutes were approved.

13) - Matters arising from previous minutes

Min. 8) - Supply of material needed for maintenance in hand by Ministry of Public Works.

Min. 9) - Currentment schedule for emergency situation being prepared by Societa Elettrica Sarda.

Min. 10) - The matter of supplying Soc. Elettrica Sarda with one 3 ton truck or a set of 6 tyres to carry on the Flumendosa project in hand by Ministry of Public Works and A.C.

14) - To review progress and make recommendations in connection with the electric power generation

ADVISORY COMMITTEE ON ELECTRIC POWER (SARDINIA)

MINUTES

The third meeting of the Advisory Committee on Electric Power (Sardinia) was held at 1600 hours on Sunday 6 May 1945 in the offices of Società Elettrica Sarda (Cagliari).

Present :

Dr. Eng. T. FIORELLI - Chairman
Dr. Eng. V. GARDIN - Member
Dr. Eng. M. MANFREDI - Member

Eng. Fiorelli informed that he had been appointed chairman to the Committee by Lt. Col. W.M. Lepper (Chief Electrical Division A.C.) in agreement with Mr. Visentini (General Inspector for Electricity, Water and Gas of the Ministry of Public Works).

Eng. Fiorelli expressed his great satisfaction and the hope that Lt. Col. Lepper and some representatives of the Ministry of Public Works be sometimes able to attend to the meetings in order to establish a better connection with central organizations.

Eng. Sanna was absent due to engagement in continental Italy.

12) - Minutes of the meeting held on 26 March 1945

The minutes were approved.

13) - Matters arising from previous minutes

Min. 8) - Supply of material needed for maintenance in hand by Ministry of Public Works.

Min. 9) - Current schedule for emergency situation being prepared by Società Elettrica Sarda.

Min. 10) - The matter of supplying Soc. Elettrica Sarda with one 3 ton truck or a set of 6 tyres to carry on the Plumedosa project in hand by Ministry of Public Works and A.C.

14) - To review progress and make recommendations in connection with the electric power generation and transmission in Sardinia

It was reported that 15 tons of transformer oil have been allotted to Società Elettrica Sarda; 5 tons collected, remaining amount being shipped from the continent. Reactivation of S. Caterina steam station transformer No 3 will be possible when total amount of oil is received. Eng. Fiorelli referred to the serious situation in Sardinia, due to

(Eng. Alvarado)

shortage of
maintenance material needed for electrical distribution system.

The Committee recommended that lists of material be sent to the Ministry of Public Works urging that necessary steps be taken to make supplies available. It was reported that the supply of ball-bearings sent by A.C. was lost. A certificate of damage has been received by the ship Commander.

15) - Operation programme and allocation of power

Eng. Fierelli reported that the hydrological situation is very bad. Total stored capacity is now 34 millions kWh, including the safe margin; large production of power from steam stations will be needed to meet the island's requirements. Load reduction has already been obtained by disconnecting the Ammonia Works but the general situation remains very serious due to insufficient supply of coal.

The Committee recommended that in view of the demand for coal from the continent steps be taken to increase production of Sulcis Mines.

16) - Any other business

It was reported that supply of coal for Cagliari steam station, which will shortly start operating, had not yet been received due to shortage of coal and rail transport.

The Committee agreed the seriousness of rail transport problem and recommended that necessary steps be taken to improve the situation.

17) - Date and time of next meeting

Next meeting will be held at 1630 hours on Monday 28 May 1945 in the offices of Società Elettrica Sarda - Cagliari (Sardinia).

Dr. Eng. Francesco Barivzzi
Secretary to the Committee

4908

785017

2488

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

785017

DISTRIBUTIONCopy No

- 1 - C.E.O. - AFHQ
- 2 - C-in C Mediterranean Station AFHQ
- 3 - Chief Commissioner AC
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7 - G-5 AFHQ APO 512
- 8 - QM, Coal Section AFHQ
- 9 - C.E., AFHQ - APO 512
- 10/11 - Director of Works (B) AFHQ - CMT
- 12 - Fiscal Director, ITOUSA
- 13 - DTR (Italy) Th. Increment, CMT
- 14/15 - D.C.C.A.O., 15th Army Group
- 16/17 - Vice President - Economic Section HQ AC
- 18 - Economic Section, HQ AC
- 19 - Economic Section (Att. Mol. L.A. Jonny)
- 20/21 - Industry Sub-Commission HQ AC
- 22 - Industry S/C - Coal Section (Att. Lt. Col. Oxley)
- 23 - Public Relations Br. HQ AC
- 24 - Agriculture Sub-Commission HQ AC
- 25 - Food Sub-Commission HQ AC
- 26 - Labour Sub-Commission HQ AC
- 27 - Trans. Sub-Commission - Products & Works Div. HQ AC
- 28 - Executive Commissioner HQ AC
- 29 - Regional Commissioner ~~Ticino~~ Region
- 30 - (Att. Regional Engineer) ~~Emilia~~ Region
- 31 - ~~Lombardia~~ Region
- 32 - ~~Venezia~~ Region
- 33 - C.S. Toronto
- 34/35 - M.A.A.F. (A)
- 36 - Eng. Section AAFSCO/NTO - APO 528 USA
- 37 - HQ No 1 District
- 38 - C.E. No 3 District
- 39/43 - C.G. - R.A.A.C.
- 44/45 - C.E. - PBS - APO 782 USA
- 46 - Eng. Ser. Southern District PBS - APO 782
- 47/48 - HQ Adriatic Depot - APO 388 USA
- 49 - AFLRS - RAAC - CMT
- 50 - File
- 51/65 - Spares

4067

5411

32

COPY NO.

CENTRAL ITALY ELECTRICITY SCHEME

Telephone

Rome 489081 - Ext. 317

26 April 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)MINUTES

APR 28 REC'D

The fourth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 16th April 1945 in the offices of Società Romana di Eletticità Via Peli, Rome.

Present :

Lt. Col.	W.M. LADDER	- Chairman
Prof. Eng.	A. ASTA	- Vice Chairman
Dr. Eng.	A. ROVILLI	- Member
Dr. Eng.	G. ANGIOLUCCI	- "
Dr. Eng.	A. ANGIOLINI	- "
Dr. Eng.	G. FASCIOTTI	- "
Dr. Eng.	G. LADRUCCI	- Secretary
Dr. Eng.	F. GARIMBERTI	- In attendance
Lt. Col.	V.S. HENTON	- In attendance
Maj.	T.J. BARRY	- In attendance

22) - Minutes of the 3rd meeting held on 19 March 1945

The minutes were approved.

23) - Matters arising from previous minutes

Eng. Landucci stated that turbine parts at Livorno are not being assembled as shown in the minutes, but collected to be assembled at a later date.

Min. 17) - Repairs to Marine Station (SR2) still under discussion by Terni Co. and Major Barry (A.C.).

Repairs to Ferfa I turbine by contractor Bosco in hand by A.C.

Lists of insulating material and insulators required by Electrical Companies are being sent to Eng. Asta.

Eng. Asta reported that prices and high percentage of losses demanded by Corradini firm for wire-drawing are due to bad working conditions in the factory.

Eng. Landucci stated that "Società Metallurgica Romani di Barga (Toscana)" will, in one or two months, be able to produce 400 tons of conductor per month. The factory will require 2,000 KW, the losses being 10% and price approx.

APR 28 REC'D

The fourth meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 16th April 1945 in the offices of Società Romana di Eletticità Via Poli, Rome.

Present :

- | | | |
|------------|---------------|-----------------|
| Lt. Col. | W.M. LEPNER | - Chairman |
| Prof. Eng. | A. ASTA | - Vice Chairman |
| Dr. Eng. | A. ROVERLE | - Member |
| Dr. Eng. | G. ANGEDDUCCI | - " |
| Dr. Eng. | A. ARONELLI | - " |
| Dr. Eng. | C. FASCELLI | - " |
| Dr. Eng. | G. LANDUCCI | - Secretary |
| Dr. Eng. | P. BARTISSE | - In attendance |
| Lt. Col. | V.S. RENTON | - In attendance |
| Maj. | E.J. BARRY | - In attendance |

22) - Minutes of the 3rd meeting held on 10 March 1945

The minutes were approved.

23) - Matters arising from previous minutes

Eng. Landucci stated that turbine parts at Livorno are not being assembled as shown in the minutes, but collected to be assembled at a later date.

Min. 17) - Repairs to Nerone Station (SRE) still under discussion by Terni Co. and Major Barry (A.C.).

Repairs to Farfa I turbine by contractor Bosco in hand by A.C.

Lists of insulating material and insulators required by Electrical Companies are being sent to Eng. Asta.

Eng. Asta reported that prices and high percentage of losses demanded by Corradini firm for wire-drawn **4000** are due to bad working conditions in the factory.

Eng. Landucci stated that "Società Metallurgica Fornaci di Barga (Toscana)" will, in one or two months, be able to produce 400 tons of conductor per month. The factory will require 2,000 KW, the losses being 10% and price approx. 50 lire per kg.

Lt. Col. Lepner advised the Electrical Companies to arrange contracts now with "Società Metallurgica Fornaci di Barga" in order to fix prices for future requirements.

(MAS RIVIER)

PA 30/4

..

785017

Eng. Asta reported that "Ente Nazionale Autotrasporti Case (ENAC)" had been requested by Ministry of Public Works to grant highest priority to applications from Electrical Companies for transport.

Min. 12) - Standardization of transmission line voltage is under discussion between the Ministry of Public Works and the Electrical Companies. Lists of transformers available, being repaired and repairable (30 KV and higher) are being sent to Eng. Asta.

24) - Progress in rehabilitation of plants

Eng. Pascetti reviewed the progress of repairs of UNES Company. One unit (3,700 KVA) at Venamartello is short of speed regulator; Terni Co. and A.C.E.A. to see if they can provide one.

Eng. Landucci (Selva-Valdarno) stated that all repairs are going on satisfactorily. Two units at Galliano in fairly good conditions - both penstocks damaged at several points - cannibalization possible; will require iron plates from Terni Co. or Orlando shipyards.

Eng. Rovelli (S.R.V.) reported on S.R.V. progress of repairs. Ceperano unit ready about May 15th. Paria - Acquorcia and Morino delayed for shortage of insulating materials. Angle-bays needed to repair Pontefiume gates.

Eng. Angelucci (A.C.E.A.) stated that repairs are proceeding according to programme. Castel Madama in operation on May 10th instead of April 30th due to delay at Terni steelworks.

Eng. Angelini reviewed progress of repairs of Terni Co. stating that the reactivation of a separate generator for the auxiliaries at Galliano is urgently required.

The Committee agreed that all Power Companies are in urgent need of transport, tyres, cement, insulating materials, and recommended that every effort be made to meet their requirements.

Terni Co. asked that workers of the electrical section be entitled to benefits already granted to those actually working for the Allies. A.C. to examine.

25) - Report from the Director of the Master Control

A report from the Director of the Master Control was received. Eng. Pietromarchi, U.M.T.S. Engineer, and Lt. Col. Ranton will examine the possibility of increasing the voltage on the U.M.T.S. grid.

The Committee stated that frequency control was satisfactory.

available, being repaired and repairable (30 KV and higher) are being sent to Eng. Asta.

24) - Progress in rehabilitation of plants

Eng. Pascebbi reviewed the progress of repairs of UNES Company. One unit (3,700 KW) at Venauartello is short of speed regulator; Terni Co. and A.C.F.A. to see if they can provide one.

Eng. Landucci (Sels-Valdarno) stated that all repairs are going on satisfactorily. Two units at Galliano in fairly good conditions - both penstocks damaged at several points - cannibalization possible; will require iron plates from Terni Co. or Orlando shipyards.

Eng. Novelli (S.R.V.) reported on S.R.V. progress of repairs. Ceyrene unit ready about May 15th. Parfa - Acquoria and Morino delayed for shortage of insulating materials. Angle-bars needed to repair Pontefiuma gates.

Eng. Angelucci (A.C.F.A.) stated that repairs are proceeding according to programme. Castel Madama in operation on May 10th instead of April 30th due to delay at Terni steelworks.

Eng. Angelini reviewed progress of repairs of Terni Co. stating that the reconstruction of a separate generator for the auxiliaries at Gallato is urgently required.

The Committee agreed that all Power Companies are in urgent need of transport, tyres, cement, insulating materials, and recommended that every effort be made to meet their requirements.

Terni Co. asked that workers of the electrical section be entitled to benefits already granted to those actually working for the Allies. A.C. to examine.

25) - Report from the Director of the Master Control

A report from the Director of the Master Control was received. Eng. Pietromarchi, U.N.S.S. Engineer, and Lt. Col. Ranton will examine the possibility of increasing the voltage on the U.N.S.S. grid.

The Committee stated that frequency control was satisfactory and that with exception of the UNES area there was now no complaint regarding low voltage.

Eng. Pietromarchi submitted a report which showed the fuel costs and costs of operation for reactive power for each of the Companies operating on the Central Italy grid system. The definition of interchange of costs brought about by the interconnection of the grid system now

2494

785017

20

operating under the Master Control was a difficult matter under the present circumstances. The figures showed that certain additional costs were incurred by some of the Companies participating in the scheme.

After a discussion Eng. Revelli speaking for the Companies who were shown to have incurred additional costs, stated that the interconnected grid system has been a great benefit to all concerned and taking all the circumstances into account, they proposed to waive their claim.

It. Col. Ingher said that the action taken by Eng. Revelli marked a forward step in the successful operation of the grid system. It was the true spirit of co-operation. He thanked Eng. Revelli and the other Companies for their valuable assistance.

Eng. Asta on behalf of Mr. Visentini (General Inspector for Electricity, Water and Gas of the Ministry of Public Works) expressed appreciation for the manner in which this difficult matter had been settled.

Eng. Pietromarini asked the Committee to consider the question of salaries for the Master Control personnel which required adjustment in the light of cost of living increases which had already been given by the Electrical Companies to their employees.

After a discussion the Committee agreed to the following salary adjustments to take effect as from 15 February 1945 :

<u>Director</u>	Monthly salary from 18,000 to 25,200 lire
<u>Control Engineers</u>	Monthly salary from 10,000 to 14,000 lire
<u>Assistant Control Engineers</u>	Monthly salary from 8,000 to 11,200 lire
<u>Statistical Assistant</u>	Monthly salary from 6,000 to 8,400 lire
<u>Stenotypist</u>	Monthly salary from 3,500 to 4,900 lire

- 26) - Operation programme and allocation of power
The Committee agreed to the programme for the month of May. The Committee recommended that efforts should be made to increase the night load, in order to make the greatest use of the available energy from the hydro plants.

- 27) - Any other business
The Committee recommended that, as repairs to the Stato

4904

785017

fit to all concerned and taking all the circumstances into account, they proposed to waive their claim.

It. Col. Lapper said that the action taken by Eng. Revelli marked a forward step in the successful operation of the grid system. It was the true spirit of cooperation. He thanked Eng. Revelli and the other Companies for their valuable assistance.

Eng. Asta on behalf of Mr. Visentini (General Inspector for Electricity, Water and Gas of the Ministry of Public Works) expressed appreciation for the manner in which this difficult matter had been settled.

Eng. Pietromarchi asked the Committee to consider the question of salaries for the Master Central personnel which required adjustment in the light of cost of living increases which had already been given by the Electrical Companies to their employees.

After a discussion the Committee agreed to the following salary adjustments to take effect as from 15 February 1945:

<u>Director</u>	Monthly salary from 18,000 to 25,200 lire
<u>Central Managers</u>	
Monthly salary from 10,000 to 14,000 lire	
<u>Assistant Central Technicians</u>	
Monthly salary from 8,000 to 11,200 lire	
<u>Statistical Assistant</u>	
Monthly salary from 6,000 to 8,400 lire	
<u>Stenotypist</u>	
Monthly salary from 3,500 to 4,900 lire	

26) - Operation programme and allocation of power
The Committee agreed to the programme for the month of May. The Committee recommended that efforts should be made to increase the night load, in order to make the greatest use of the available energy from the hydro plants.

27) - Any other business
The Committee recommended that, as repairs to the State Railway transmission lines and power plants were included in the discussion, a representative of the State Railways should be included in the Advisory Committee on Electric Power for Central Italy.

4904

2496

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

785017

28) - Date and time of next meeting

Next meeting will be held in the offices of S.R.M. -
Via Poli, 14 - Rome, at 0900 hours on Monday 21st May
1945.

Dr. Eng. Francesco Barinuzzi
Dr. Eng. FRANCESCO BARINUZZI
Secretary to the Committee

4983

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

785017

DISTRIBUTIONCopy No

- 1 - C.A.O., AFHQ
- 2 - C-in C. USAF HQ
- 3 - Chief Commissioner AC
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7 - QM, Coal Section, AFHQ
- 8 - C.E., AFHQ - APO 512
- 9 - Director of Works (B) AFHQ - CMF
- 10 - Fiscal Director, MTOUSA
- 11 - DMR (Italy) Tn. Increment, CMF
- 12/13 - D.C.C.A.O., 15th Army Group
- 14/15 - Vice President, Economic Section HQ AC
- 16 - Economic Section, HQ AC
- 17/19 - Industry Sub-Commission HQ AC
- 20 - Industry S/C - Coal Section (Att Lt.Col. Oxley)
- 21 - Public Relations Br. HQ AC
- 22 - Agriculture Sub-Commission HQ AC
- 23 - Food Sub-Commission HQ AC
- 24 - Labour Sub-Commission HQ AC
- 25 - Trans. Sub-Commission - Products & Works Div. HQ AC
- 26 - Executive Commissioner HQ AC -
- 27 - Regional Commissioner Umbria-Marche Region
- 28 - (Att Reg. Engineer) Toscana Region
- 29 - Emilia Region
- 30 - Lombardia Region
- 31 - Venezia Region
- 32 - C.S., Taranto
- 33/34 - M.A.A.F. (A)
- 35 - Eng. Section AAFSCO/MTO - APO 528 USA
- 36 - HQ No 1 District
- 37 - C.E. No 3 District
- 38/42 - C.G. RAAC
- 43/44 - C.E. - P.BS - APO 782 USA
- 45 - Eng. Ser. Southern District PBS - APO 782
- 46/47 - HQ Adriatic Depot - APO 388 USA
- 48 - AFLRS - RAAC - CMF
- 49 - File
- 50/65 - Spares

SOUTHERN ITALY ELECTRICITY SCHEME

COPY No 26

Telephone

Rome 489081 - Ext. 317

23 April 1945

APR 28 RECD

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

The third meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday April 14th 1945 in the offices of Società Meridionale di Elettricità - Naples.

Present :

Lt. Col.	W. M. LAPPER	- Chairman
Prof. Eng.	A. ASTA	- Vice-Chairman
Dr. Eng.	MASURZO	- Member
Dr. Eng.	CERILLO	"
Dr. Eng.	MAIONE	"
Dr. Eng.	MONTESUSCO	"
Dr. Eng.	BOVE	"
Prof. Eng.	RUGGIERO	"
Dr. Eng.	F. BARIUCCI	- Secretary
Lt. Col.	V. S. RENTON	- In attendance
Major	R. A. RIAN	- In attendance

- 12) - Minutes of the second meeting of the Committee held on Saturday 17 March 1945

The minutes were approved.

- 13) - Matters arising

Min. 6)
Eng. Asta reported that transfer of lead press from Leghorn to Naples is not advisable; repairs of machine already in Naples will be possible with the assistance of Terni Co.

Min. 6)
Maps showing mined areas and priority schedule received by Ministry of Public Works; the Ministry of War has been requested to take necessary action. The Committee recommended that mines be removed as soon as possible from Colli Volturno area, where military personnel has already been sent.

Min. 6)
Lists of insulators required by operating Companies were sent to Eng. Asta. Arrangements will be made with Ginori.

23 April 1945

APR 28 REC'D

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

The third meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 0930 on Saturday April 14th 1945 in the offices of Società Meridionale di Elettricità - Naples.

Present :

Lt.Col.	W.M. LADDER	- Chairman
Prof. Eng.	A. ASTA	- Vice-Chairman
Dr. Eng.	MASTURIO	- Member
Dr. Eng.	CERILLO	- "
Dr. Eng.	MAIONE	- "
Dr. Eng.	MONTUFUSCO	- "
Dr. Eng.	BOVE	- "
Prof. Eng.	RUGGIERO	- "
Dr. Eng.	F. BARIUZZI	- Secretary
Lt.Col.	V.S. RENTON	- In attendance
Maj.	R.A. RYAN	- In attendance

12) - Minutes of the second meeting of the Committee held on Saturday 17 March 1945

The minutes were approved.

13) - Matters arising

Min. 5)

Eng. Asta reported that transfer of lead press from Leghorn to Naples is not advisable; repairs of machine already in Naples will be possible with the assistance of Terni Co.

Min. 6)

Maps showing mined areas and priority schedule received by Ministry of Public Works; the Ministry of War has been requested to take necessary action. The Committee recommended that mines be removed as soon as possible from Colla Vulture area, where military personnel has already been sent.

Min. 6)

Lists of insulators required by operating Companies were sent to Eng. Asta. Arrangements will be made with Ginori insulator factory at Florence, and priority schedule established when lists are received from the Central Italy Companies.

Min. 8)

Eng. Asta reported that Ente Nazionale Autotrasporti Cosc (E.N.A.C.) had been requested by Ministry of Public Works to grant highest priority to applications received from the Electrical Companies for transport.

(HAS RIVELY)

2500

785017

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

14) - To review progress and make recommendations in connection with the rehabilitation of generating plants and transmission lines

Eng. Masturzo reported on the progress of Società Meridionali di Eletticità repairs to plants. Repairs had been delayed due to low priority on railway transport. Repairs at Pescara stations delayed for shortage of car-ride and iron. Ministry of Public Works to examine with assistance of Allied Commission.

Eng. Maione reviewed the progress of repairs of Ente Autonomo del Volturno.

In view of the Naval Mechanica Works at Naples now working to capacity the Committee recommended that efforts be made to employ other local factories on repair work. The Electric companies will report on this at the next meeting of the Committee.

15) - Operation programme and allocation of power for the month of May 1945

Eng. Pasturzo reported on the availability of plant and stated that a small margin of spare capacity was now available to meet emergency conditions. In view of present day poor hydrological conditions the Committee advised that curtailments of Crotone fertilizer factories will probably be necessary to conserve water in the Sila reservoirs.

16) - Any other business

Priority on railway transport was discussed and attention drawn on the importance of electrical rehabilitation in connection with the activity of other essential industries. The Committee recommended that the highest priority be granted to Rail transport needed by operating Companies.

The matter of wire-drawing work was again discussed. Eng. Asta reported that high prices and percentage of losses required by Corradini wire drawing firm(Naples) are due to bad condition of workshops.

Situation will improve when Società Metallurgica Fornaci di Barga will be operated.

The Committee recommended that a priority schedule be established by Ministry of Public Works in connection with wire-drawing made by Corradini.

Prof. Ruggiero reported on the requirement of power for irrigation and the Committee advised that the pumping stations be operated throughout the day except from 0700 to 1300 hours. Shortage of transport by the Electrical Compa-

6600

side and iron. Ministry of Public Works to examine with assistance of Allied Commission.

Eng. Maione reviewed the progress of repairs of Ente Autonomo del Volturno.

In view of the Naval Meccanica Works at Naples now working to capacity the Committee recommended that efforts be made to employ other local factories on repair work. The Electric companies will report on this at the next meeting of the Committee.

15) - Operation programme and allocation of power for the month of May 1945

Eng. Masturzo reported on the availability of plant and stated that a small margin of spare capacity was now available to meet emergency conditions. In view of present day poor hydrological conditions the Committee advised that curtailments of Crotone fertilizer factories will probably be necessary to conserve water in the Sila reservoirs.

16) - Any other business

Priority on railway transport was discussed and attention drawn on the importance of electrical rehabilitation in connection with the activity of other essential industries. The Committee recommended that the highest priority be granted to Rail transport needed by operating Companies.

The latter of wire-drawing work was again discussed. Eng. Asta reported that high prices and percentage of losses required by Corradini wire drawing firm (Naples) are due to bad condition of workshops.

Situation will improve when Società Metallurgica Fornaci di Barga will be operated.

The Committee recommended that a priority schedule be established by Ministry of Public Works in connection with wire-drawing made by Corradini.

Prof. Ruggiero reported on the requirement of power for irrigation and the Committee advised that the pumping stations be operated throughout the day except from 0700 to 1300 hours. Shortage of transport by the Electrical Companies was also discussed and the Committee recommended that additional transport and also tyres for existing vehicles be provided in order to speed up electrical rehabilitation work.

./.

2502

Declassified E.O. 12356 Section 3.3/NND No. 785017

Prof. Ruggiero presented applications for electricity from the provincial commission, as there was no additional generating capacity available, the Committee had no objection to make.

17) - Date and time of next meeting

Next meeting will be held at 0930 hours on Saturday 19th May 1945 in the offices of Società Meridionale di Elettrocità - Naples.

[Signature]
Dr. Eng. FRANCESCO BARINZZI
Secretary to the Committee

Distribution
list attached

6687

2503

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

785017

DISTRIBUTIONCopy No

- 1 - C.A.G., AFHQ
- 2 - C-in C. MSAP HQ
- 3 - Chief Commissioner AC
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7 - QM, Coal Section, AFHQ
- 8 - C.E., AFHQ - APO 512
- 9 - Director of Works (B) AFHQ - CMF
- 10 - Fiscal Director, MTOUSA
- 11 - DMR (Italy) Tn. Increment, CMF
- 12/13 - D.C.C.A.G., 15th Army Group
- 14/15 - Vice President, Economic Section HQ AC
- 16 - Economic Section, HQ AC
- 17/19 - Industry Sub-Commission HQ AC
- 20 - Industry S/C - Coal Section (Att Lt.Col. Oxley)
- 21 - Public Relations Br. HQ AC
- 22 - Agriculture Sub-Commission HQ AC
- 23 - Food Sub-Commission HQ AC
- 24 - Labour Sub-Commission HQ AC
- 25 - Trans. Sub-Commission - Products & Works Div. HQ AC
- 26 - Executive Commissioner HQ AC
- 27 - Regional Commissioner Umbria-Marche Region
- 28 - (Att Reg. Engineer) Toscana Region
- 29 - Emilia Region
- 30 - Lombardia Region
- 31 - Venezia Region
- 32 - C.S., Taranto
- 33/34 - F.A.A.F. (A)
- 35 - Eng. Section AAFSCO/MTO - APO 528 USA
- 36 - HQ No 1 District
- 37 - C.E. No 3 District
- 38/42 - C.G. RAAC
- 43/44 - C.E. - P.Bs - APO 782 USA
- 45 - Eng. Ser. Southern District PBS - APO 782
- 46/47 - HQ Adriatic Depot - APO 388 USA
- 48 - AFERS - RAAC - CMF
- 49 - File
- 50/65 - Spares

4898

785017

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

52411

23
26

SARDINIA ELECTRICITY COMMISSION

COPY No

Telephone
Rome 489081 - Ext. 317

15 April 1945
ADVISORY COMMITTEE ON ELECTRIC POWER (SARDINIA) APR 28 REC'D

MINUTES

The second meeting of the Advisory Committee on Electric Power (Sardinia) was held at 1600 hrs on Monday 26 March 1945 in the offices of Societa' Elettrica Sarda - Cagliari.

Present :

- Dr. Eng. D. FIORELLI - Acting Chairman
- Dr. Eng. V. GARDIN - Member
- Dr. Eng. M. MANFREDI - Member

Eng. Fiorelli informed that Lt. Col. W. M. LAPPER (Chairman) and Eng. A. ASTA (Vice-Chairman) had been unable to attend the meeting. Eng. Sanna (member) was also absent due to engagement in the continental Italy.

- 6) - Minutes of the meeting held on February 23rd 1945

The minutes were approved.

- 7) - Matters arising

Min. 2) Request of oil for Santa Caterina transformer (12,500 KVA) sent by Sarda Co. to Ministry of Public Works.

Min. 3) The question of Flumendosa project and extension of plant at Tirsu in hand by Ministry of Public Works.

Min. 4) A first list of materials urgently needed for maintenance of all plants was submitted to Ministry of Public Works. 1897

Min. 4) Request of tires, clothing and boots in hand by Ministry of Public Works and Allied Commission.

- 8) - To review progress and make recommendations in connection with the electric power generation and transmission in Sardinia

Eng. Fiorelli reviewed the situation of electric plants.

15 April 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SARDINIA) APR 28 DEC'D

MINUTES

The second meeting of the Advisory Committee on Electric Power (Sardinia) was held at 1600 hrs on Monday 26 March 1945 in the offices of Società Elettrica Sarda - Cagliari.

Present :

Dr. Eng. T. FIORELLI - Acting Chairman
Dr. Eng. V. GANDIN - Member
Dr. Eng. M. MANFREDI - Member

Eng. Fiorelli informed that Lt. Col. V.M. LAPPAR (Chairman) and Eng. A. ASTA (Vice-Chairman) had been unable to attend the meeting. Eng. Sanna (member) was also absent due to engagement in the continental Italy.

6) - Minutes of the meeting held on February 23rd 1945

The minutes were approved.

7) - Matters arising

Min. 2) Request of oil for Santa Caterina transformer (12,500 KVA) sent by Sarda Co. to Ministry of Public Works.

Min. 3) The question of Flumendosa project and extension of plant at Tiroso in hand by Ministry of Public Works.

Min. 4) A first list of materials urgently needed for maintenance of all plants was submitted to Ministry of Public Works. 1097

Min. 4) Request of tires, clothing and boots in hand by Ministry of Public Works and Allied Commission.

8) - To review progress and make recommendations in connection with the electric power generation and transmission in Sardinia

Eng. Fiorelli reviewed the situation of electric plants; total production of energy in 1945 is expected to be no more than 165 x 10⁶ kWh (about 50% from steam stations) due to unfavourable hydrological season and insufficient maintenance of steam stations. Curtailment will be necessary to meet the estimated request of 180 x 10⁶ kWh and

(MAS RIVER)

allow sufficient supply of power to fertilizer factories. The Committee recommended that material needed for maintenance of plant according to the complete list now submitted by Sarda Co. to Ministry of Public Works, be urgently supplied. It was reported that S. Gilla steam station (Cagliari) will probably start operation in May 1945 requiring 170 tons of coal a day.

9) - To discuss the operation programme and the allocation of power for the month of April 1945

The energy production in April will be equally met by hydro and steam stations.

The Committee recommended that Santa Caterina Steam Station be put into operation on the beginning of April in order to limit hydrogeneration thus providing a safe hydraulic reserve.

In view of difficulties of railroad transports for the coal needed at this station the Committee recommended that a curtailment schedule be now prepared in order to meet an emergency situation.

10) - Any other business

It was reported that the shortage of transports is causing serious delay to the work for Flumendosa Station. In January 1945 Sarda Co. was asked to return one military truck. Local transport organizations are unable to meet the Company requirements and one truck, owned by Sarda Co. is short of tires.

The Committee recommended that one truck (3 tons) or a set of 6 tires be supplied to the Company in order to carry on the Flumendosa project.

11) - Date and time of next meeting

Next meeting will be held in the offices of Società Elettrica Sarda at 1600 hours on Monday 23rd April 1945.

M. P. B. J.

Dr. ENRIKE FRANCESCHI BARIUZZI
Secretary to the Committee

Distribution
list attached

2507

785017

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

DISTRIBUTION

Copy No

- 1 - C.A.O., AFHQ
- 2 - C-in C. USAF HQ
- 3 - Chief Commissioner AC
- 4/5 - G-4 (A) AFHQ
- 6 - G-4 (B) AFHQ
- 7 - QM, Coal Section, AFHQ
- 8 - C.E., AFHQ - APO 512
- 9 - Director of Works (B) AFHQ - CME
- 10 - Fiscal Director, MTOUSA
- 11 - ENR (Italy) Tn. Increment, CME
- 12/13 - D.C.C.A.O., 15th Army Group
- 14/15 - Vice President, Economic Section HQ AC
- 16 - Economic Section, HQ AC
- 17/19 - Industry Sub-Commission HQ AC
- 20 - Industry S/C - Coal Section (Att Lt.Col. Oxley)
- 21 - Public Relations Br. HQ AC
- 22 - Agriculture Sub-Commission HQ AC
- 23 - Food Sub-Commission HQ AC
- 24 - Labour Sub-Commission HQ AC
- 25 - Trans. Sub-Commission - Products & Works Div. HQ AC
- 26 - Executive Commissioner HQ AC
- 27 - Regional Commissioner Umbria-Marche Region
- 28 - (Att Reg. Engineer) Toscana Region
- 29 - Emilia Region
- 30 - Lombardia Region
- 31 - Venezia Region
- 32 - C.S., Taranto
- 33/34 - N.A.A.F. (A)
- 35 - Eng. Section AAFSCO/MTO - APO 528 USA
- 36 - HQ No 1 District
- 37 - C.E. No 3 District
- 38/42 - C.G. RAAC
- 43/44 - C.E. - P.BS - APO 782 USA
- 45 - Eng. Ser. Southern District PBS - APO 782
- 46/47 - HQ Adriatic Depot - APO 388 USA
- 48 - AFLRS - RAAC - CME
- 49 - File
- 50/65 - Spares

4855

SICILY ELECTRICITY SCHEME

COPY No

12 March 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SICILY) MAR 14 1945

MINUTES

The first meeting of the Advisory Committee on Electric Power (Sicily) was held at 1500 hours on Wednesday 28th February 1945 in the Offices of the Società Generale Elettrica della Sicilia.

Present :

Lt. Col. T. M. LAPPER	- Chairman
Prof. Eng. A. ASTA	- Vice Chairman
Dr. Eng. TRICOMI	- Member
Dr. Eng. SCIMEI	- "
Dr. Eng. ABRATESA	- "
Prof. Eng. RUBINO	- "
Dr. Eng. F. BARIUZZI	- Secretary

1) - Explanation by Lt. Col. T. M. Lapper on the functions and purpose of the Committee

Lt. Col. T. M. Lapper explained that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works and Allied Commission had considered that it was now necessary that a much closer contact should be made between the Electric Power Companies, Italian Government and Allied Commission. In order to achieve this it had been decided to form Regional Committees to be known as Advisory Committees on Electric Power. Such Committees were being formed for Central Italy, Southern Italy, Sicily and Sardinia; representatives would be drawn from the Regional Committees to form a National Committee.

The functions of the Committees were to recommend and advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters pertaining to electric power throughout Italy, Sicily and Sardinia and for this purpose members would express their own views and not that of any other company with which they were connected.

2) - To review progress and make recommendations in connection with the rehabilitation of generating plants and transmission systems

The situation of electric power in Sicily was reviewed by Eng. Tricomi who stated that owing to insufficient generating capacity, curtailment of approximate 25% was necessary during maximum load period. It is difficult to arrange a proper priority scheme because of technical difficulties in distribution. To meet present and future requirements of industry and agriculture in Sicily, it

785017

Meeting was held at 1900 hours on Wednesday 28th February 1945 in the Offices of the Società Generale Elettrica della Sicilia.

Present :

It. Col. W. M. LAPPER	-	Chairman
Prof. Eng. A. ASTA	-	Vice Chairman
Dr. Eng. TRICOMI	-	Member
Dr. Eng. SCINELLI	-	"
Dr. Eng. ABBADESSA	-	"
Prof. Eng. RUBINO	-	"
Dr. Eng. F. BARIUZZI	-	Secretary

1) - Explanation by Lt. Col. W. M. Lapper on the functions and purpose of the Committee

Lt. Col. W. M. Lapper explained that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works and Allied Commission had considered that it was now necessary that a much closer contact should be made between the Electric Power Companies, Italian Government and Allied Commission. In order to achieve this it had been decided to form Regional Committees to be known as Advisory Committees on Electric Power. Such Committees were being formed for Central Italy, Southern Italy, Sicily and Sardinia; representatives would be drawn from the Regional Committees to form a National Committee.

The functions of the Committees were to recommend and advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters pertaining to electric power throughout Italy, Sicily and Sardinia and for this purpose members would express their own views and not that of any other company with which they were connected.

2) - To review progress and make recommendations in connection with the rehabilitation of generating plants and transmission systems

The situation of electric power in Sicily was reviewed by Eng. Tricomi who stated that owing to insufficient generating capacity, curtailment of approximate 25% was necessary during maximum load period. It is difficult to arrange a proper priority scheme because of technical difficulties in distribution. To meet present and future requirements of industry and agriculture in Sicily, it was recommended that increased generating capacity be obtained by the following three-stage development :

- a) - 1st stage. Present day possible production of energy from hydroelectric stations is approximately 120x10⁶ kWh. Steam stations are in a very bad condition. At Porto Empedocle one turbine has 50% of blades damaged and the output of the machine is

further limited due to the repaired shaft not being entirely satisfactory. The other turbine is out of service for extensive repairs.

Eng. Tricomi was asked to submit to A.C. a list of parts needed to carry out repairs to the plant of Società Generale Elettrica della Sicilia at Porto Empedocle. This list to include turbine blades which it was understood were already manufactured in Switzerland. Repairs to the alternators can be made by WATER (Rome) and TERNI Company.

The Committee recommended that all this material be made available as soon as possible in order to increase the output from the existing plants, and also that an arrangement be made with WATER and TERNI for priority of repairs.

With regard to Palermo Steam Station spare parts had already been ordered from Stahl Co. (Sweden) and the Committee recommended that every effort should be made to obtain this material.

The output of the Catania steam station was reduced due to inferior quality of coal. The Committee recommended that the Sardinia Coal should be washed and screened before delivery.

b) - 2nd stage. The second stage includes developments at Sosio hydroelectric plant for an increase of 4×10^6 kWh per year, in order to meet, possibly before next summer, the urgent requirement of industry and above all agriculture.

Extension by the installation of one generator at the existing stations of Palermo, Catania or Porto Empedocle is also recommended. The increase of electric energy produced by steam and hydro plant would be $25 - 30 \times 10^6$ kWh per year altogether.

c) - 3rd stage. The 3rd stage of the general programme includes the construction of hydro stations on Platani River (two stages $14,000 \text{ KW } 20 \times 10^6$ kWh per year). These plans were carried out in order to meet future requirements. Civil works have been started and three units (5,000 KW each) ordered from firms in Northern Italy.

The Committee recommended that this work be proceeded with when it is ascertained that the plant is available in Northern Italy. A project for an important hydro station at Alto Alcantara (40,000 KW peak - 85×10^6 kWh per year) had also been prepared and other plans made for two more plants.

blades which it was understood were already manufactured in Switzerland. Repairs to the alternators can be made by WATER (Rome) and TERNI Company.

The Committee recommended that all this material be made available as soon as possible in order to increase the output from the existing plants, and also that an arrangement be made with WATER and TERNI for priority of repairs.

With regard to Palermo Steam Station spare parts had already been ordered from Stahl Co. (Sweden) and the Committee recommended that every effort should be made to obtain this material.

The output of the Catania steam station was reduced due to inferior quality of coal. The Committee recommended that the Sardinia Coal should be washed and screened before delivery.

- b) - 2nd stage. The second stage includes developments at Sosio hydroelectric plant for an increase of 4×10^6 kWh per year, in order to meet, possibly before next summer, the urgent requirement of industry and above all agriculture.

Extension by the installation of one generator at the existing stations of Palermo, Catania or Porto Empedocle is also recommended. The increase of electric energy produced by steam and hydro plant would be $25 - 30 \times 10^6$ kWh per year altogether.

- c) - 3rd stage. The 3rd stage of the general programme includes the construction of hydro stations on Platani River (two stages $14,000 \text{ KW}$ 20×10^6 kWh per year). These plans were carried out in order to meet future requirements. Civil works have been started and three units ($5,000 \text{ KW}$ each) ordered from firms in Northern Italy.

The Committee recommended that this work be proceeded with when it is ascertained that the plant is available in Northern Italy. A project for an important hydro station at Alto Alcantara ($40,000 \text{ KW}$ peak - 85×10^6 kWh per year) had also been prepared and other plans made for two more plants.

(17 x 10⁶ kWh) on the same river. The Committee recommended that a programme for importation of machinery from foreign countries in the next three years be prepared by Società Generale Elettrica della Sicilia in view of future developments.

The boiler design should allow for low grade fuel being used.

3) - To discuss the operation programme and the allocation of power for the month of March 1945

Eng. Scimemi submitted a diagram showing the estimated power availability during 1945, together with the estimated demand. It appears that during the month of March 12 x 10⁶ kWh will be available from hydroelectric stations and 4 x 10⁶ kWh from steam stations. The energy needed would approximately be 18 x 10⁶ kWh so that curtailments for 2 x 10⁶ kWh will be necessary. No spare margin of capacity will be made available.

The Committee's advice was to grant a continuous supply of energy to essential consumers (sulphur mines, cement factories and food industries) and to curtail low priority users. It was recommended that the unit taken from Alto Belice Hydroelectric Station be reassembled in this plant in order to avoid following troubles :

- a) - Insufficient output during peak-time and in case of outages of other stations.
- b) - Frequency drops which seriously affect pumping stations feeding storage reservoirs and pumps feeding boilers of steam plants.

4) - Any other business

The Committee recommended that necessary steps be taken to provide tyres, clothing and boots urgently needed for the Electrical Company.

5) - Date and time of next meeting

Next meeting will be held at 1000 hours on Wednesday 28th March 1945, in the Offices of Società Generale Elettrica della Sicilia - Palermo

Dr. Eng. FRANCESCO BARLUZZI
Secretary to the Committee

Distribution
list attached

2513

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

785017

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 - C.E., AFHQ
- 12 - D.C.E., AFHQ
- 13 - Dir. Eng. Prod. & Stores, AFHQ
- 14/16 - D.W., AFHQ
- 17/18 - Dir (Italy), C. F.
- 19 - Fiscal Director, AFHQ
- 20 - Tn. Increment, C.F.F.
- 21 - G.P.A., MTOUSA
- 22/26 - D.C.C.A.O., 15th Army Group
- 27/28 - HQ 15th Army Group
- 29 - HQ, AC
- 30 - Vice President, Economic Section HQ AC
- 31/34 - Economic Section, HQ AC
- 35 - Industry Sub-Commission HQ AC
- 36 - Public Works and Utilities Sub-Commission, HQ AC
- 37/38 - Public Relations Br. AC
- 39 - Agriculture Sub-Commission, HQ AC
- 40 - Commerce Sub-Commission, HQ AC
- 41 - Finance Sub-Commission, HQ AC
- 42 - Labour Sub-Commission HQ, AC
- 43 - Transportation Sub-Commission, HQ AC
- 44 - Food Sub-Commission, HQ AC
- 45 - U.N.R.R.A. - Italian Mission
- 46/58 - Regional Commissioners
- 59 - C.S., TARANTO
- 60 - S.U.S.N.O., ITALY
- 61 - M.A.A.F. (A)
- 62 - M.A.A.F. (B)
- 63/66 - AAFSCO/TO, A.P.O. 528 USA
- 67/68 - HQ, No 1 District
- 69 - C.E. No 1 District
- 70/71 - HQ, No 2 District
- 72 - C.E. No 2 District
- 73/74 - HQ, No 3 District
- 75 - C.E. No 3 District
- 76/80 - C.G., RAAC
- 81 - PENBASE SOUTH
- 82 - PENBASE
- 83/84 - C.E., P.B.S.
- 85/86 - B.P.A., FBS
- 87 - HQ Adriatic Depot, A.P.O. 388 USA

4891

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

785017

9 - Q (Maint), AFHQ
 10 - Q, Coal Section, AFHQ
 11 - C.E., AFHQ
 12 - D.C.E., AFHQ
 13 - Dir. Eng. Prod. & Stores, AFHQ
 14/16 - D.W., AFHQ
 17/18 - Dir (Italy), C.F.
 19 - Fiscal Director, AFHQ
 20 - Tn. Increment, C.F.
 21 - G.F.A., MTOUSA
 22/26 - D.C.G.A.O., 15th Army Group
 27/28 - HQ 15th Army Group
 29 - HQ, AC
 30 - Vice President, Economic Section HQ AC
 31/34 - Economic Section, HQ AC
 35 - Industry Sub-Commission HQ AC
 36 - Public Works and Utilities Sub-Commission, HQ AC
 37/38 - Public Relations Br. AC
 39 - Agriculture Sub-Commission, HQ AC
 40 - Commerce Sub-Commission, HQ AC
 41 - Finance Sub-Commission, HQ AC
 42 - Labour Sub-Commission HQ, AC
 43 - Transportation Sub-Commission, HQ AC
 44 - Food Sub-Commission, HQ AC
 45 - U.N.R.R.A. - Italian Mission
 46/58 - Regional Commissioners
 59 - C.S., TARANTO
 60 - S.U.S.N.O., ITALY
 61 - M.A.A.F. (A)
 62 - M.A.A.F. (B)
 63/66 - AAFSCO/TO, A.P.O. 528 USA
 67/68 - HQ, No 1 District
 69 - C.T. No 1 District
 70/71 - HQ, No 2 District
 72 - C.E. No 2 District
 73/74 - HQ, No 3 District
 75 - C.E. No 3 District
 76/80 - C.G., RAAC
 81 - PENBASE SOUTH
 82 - PENBASE
 83/84 - C.E., P.B.S.
 85/86 - B.P.A., PBS
 87 - HQ Adriatic Depot, A.P.O. 388 USA
 88/97 - AFLRS, RAAC, C.F.
 98 - Adv. C.E. No 2 District
 99 - File
 100/115 - Spares

4891

2515

785017

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

3411

87

ITALIAN TELEGRAPHIC SERVICE

Telephone

Rome 480001 - Ext. 317

9 March 1945

MAR 14 1945

ADVISORY COMMITTEE ON ELECTRIC POWER
(SARDINIA)

MINUTES

The 1st meeting of the Advisory Committee on Electric Power (Sardinia) was held in the offices of Societa' Elettrica Sarda in Cagliari, at 1000 hours on Friday 23rd February 1945.

Present:

- | | |
|---------------------|-----------------|
| It. Col. M. LAZZARI | - Chairman |
| Prof. Eng. A. ASTA | - Vice Chairman |
| Dr. Eng. PIETRELLI | - Member |
| Dr. Eng. V. GARDIN | - " |
| Dr. Eng. GAVIA | - " |
| Dr. Eng. V. GARDIN | - " |
| Dr. Eng. Z. BARELLI | - Secretary |

1) - Explanations by Lt. Col. M. Lazzari on the functions and purpose of the Committee

It. Col. M. Lazzari explained that the General Inspector for Electricity, Water and Gas of Ministry of Public Works and the Allied Commission had considered that it was now necessary that a much closer contact should be made between the Electric Power Companies, the Italian Government and the Allied Commission. In order to achieve this it had been decided to form Regional Committees to be known as "Advisory Committees on Electric Power". Such Committees were being formed for Central Italy, Southern Italy, Sicily and Sardinia. Representatives would be drawn from the Regional Committees to form a National Committee.

The function of the Committee were to recon and advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters pertaining to electric power throughout peninsular Italy.

4800

9 March 1945

MAR 14 1945

ADVISORY COMMITTEE ON ELECTRIC POWER
(SARDINIA)

M I N U T E S

The 1st meeting of the Advisory Committee on Electric Power (Sardinia) was held in the offices of Società Elettrica Sarda in Cagliari, at 1000 hours on Friday 23rd February 1945.

Present :

Lt. Col. M. J. LAMMER	- Chairman
Prof. Eng. A. ASTA	- Vice Chairman
Mr. Eng. R. PERINI	- Member
Mr. Eng. V. GARDIN	- "
Mr. Eng. SANNA	- "
Mr. Eng. A. ARZUFFI	- "
Mr. Eng. P. BARUCCI	- Secretary

1) - Explanations by Lt. Col. M. J. Lammer on the functions and purpose of the Committee

Lt. Col. M. J. Lammer explained that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works and the Allied Commission had considered that it was now necessary that a much closer contact should be made between the Electric Power Companies, the Italian Government and the Allied Commission. In order to achieve this it had been decided to form Regional Committees to be known as "Advisory Committees on Electric Power". Such Committees were being formed for Central Italy, Southern Italy, Sicily and Sardinia. Representatives would be drawn from the Regional Committees to form a National Committee.

The function of the Committee were to recommend and advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters pertaining to electric power throughout peninsular Italy, Sicily and Sardinia and for this purpose members would express their own views and not that of any particular Company with which they were connected.

4300

785017

2518

2517

785017

- 2) - To review progress and make recommendations in connection with the rehabilitation of the generating plants and transmission systems

The progress in rehabilitation of plants and transmission systems of Societa' Elettrica Sarda was reviewed by ENG. Nicotelli. Following air raids the dams of Tirso I and Tirso II were damaged but necessary repairs have already been carried out.

Damages were reported at S. Caterina steam station where one boiler and one 12,500 kVA transformer are out of service. The transformer was repaired but is still short of oil. One turbo generator shipped to Sarda Company from North Italy was reported to be in Leghorn at the date of the armistice. It is now known that this plant is not in liberated Italy.

The out-door substation was also bombed and switches and other equipment were damaged. Repairs have been carried out but must be only considered as a temporary emergency arrangement.

Minor damages were also reported in the transmission systems and substations; emergency repairs have already been made.

The Committee recommended that Sarda Company submit a request for oil in order to restore the 12,500 kVA transformer as stand-by unit at S. Caterina.

The generating station of Monteponi zinc and lead mines (2 units 4,000 kW each) is not operating due to shortage of coal and chemical reactives used in extraction process.

- 3) - To discuss the operation programme and the allocation of power for the month of March 1945

The maximum output obtainable at present from hydro stations is as follows:

12,000 kW from Coghinas	
10,000 " " Tirso I	
4,000 " " Tirso II	
TOTAL	26,000 kW
=====	

In addition to this, the S. Caterina steam station has two 9,000 kW units and S. Gilla two 7,500 kW units. **13,500**

The Committee considered that, during the month of March, the hydro-electric production will be sufficient to meet the requirements of the island; the steam stations will

785017

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

systems of Societa Elettrica Sarda was reviewed by Eng. Pierelli. Following air raids the dams of Tirso I and Tirso II were damaged but necessary repairs have already been carried out.

Damages were reported at S. Caterina steam station where one boiler and one 12,500 kVA transformer are out of service. The transformer was repaired but is still short of oil. One turbo generator shipped to Sarda Company from North Italy was reported to be in Liguria at the date of the armistice. It is now known that this plant is not in liberated Italy.

The out-door substation was also bombed and switches and other equipment were damaged. Repairs have been carried out but must be only considered as a temporary emergency arrangement.

Minor damages were also reported in the transmission systems and substations; emergency repairs have already been made.

The Committee recommended that Sarda Company submit a request for oil in order to restore the 12,500 kVA transformer as stand-by unit at S. Caterina.

The generating station of Montepol zino and lead mines (2 units 4,000 kW each) is not operating due to shortage of coal and chemical reactives used in extraction process.

3) - To discuss the operation programme and the allocation of power for the month of March 1945

The maximum output obtainable at present from hydro stations is as follows :

12,000 kW from Ogghinas
10,000 " " Tirso I
4,000 " " Tirso II
<u>TOTAL</u> 26,000 kW
=====

In addition to this, the S. Caterina steam station has two 9,000 kW units and S. Gilla two 7,500 kW units. **27.9**

The Committee considered that, during the month of March, the hydro-electric production will be sufficient to meet the requirements of the islands; the steam stations will only be run in case of outages.

The estimated production of energy in 1945 is 180 millions kWh (against 240 in 1942 and 130 in 1944) due to reduced operation of mines and chemical factories.

In 1942 the maximum demand was 45,000 kw whereas the present maximum demand is approximately 26,000 kw. If it were decided to activate the coal and lead mines and subsidiary works, the present demand would increase to the 1942 figure of 45,000 kw.

Allowing for the normal increase in demand for electricity the Committee was of the opinion that the present generating facilities would be insufficient to meet the demand in two years time and recommended that the Flaminio project should be commenced at an early date. It was understood that the civil engineering works were 60% completed and that generating plants had been manufactured in Northern Italy prior to hostilities.

A considerable amount of transmission equipment was available on the island.

The Committee recommended that as a first stage a fourth unit would be installed at the Tirso I hydro station at an early date.

4) - any other business

The committee recon ended that in view of the possibility of increased demand of electricity on the island, due to activity of mines, etc. special care be taken to see that all generating stations are fully maintained, and that supplies of material be delivered for this purpose.

The Committee also recommended that necessary steps be taken to provide tyres, shoes and clothing.

5) - Date and time of next meeting

Next meeting will be held at 1000 hours on Monday 26th March 1945.

Distribution
List attached

Dr. J. G. BARRON
Secretary Advisory Committee

2520

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

785017

DISTRIBUTION

- | | |
|-----------|--|
| Copy No : | |
| 1 | - C.A.C., AFHQ |
| 2/3 | - C-in C Med. |
| 4 | - Chief Commissioner AC |
| 5 | - C-4 (A), AFHQ |
| 6 | - C-4 (B), AFHQ |
| 7/8 | - C-5, AFHQ |
| 9 | - Q (Paint), AFHQ |
| 10 | - Q, Coal Section, AFHQ |
| 11 | - C.E., AFHQ |
| 12 | - D.C.E., AFHQ |
| 13 | - Dir. Eng. Prod. & Stores, AFHQ |
| 14/16 | - E.W., AFHQ |
| 17/18 | - M.R. (Italy), C.I.F. |
| 19 | - Fiscal Director, AFHQ |
| 20 | - Tn. Increment, C.I.F. |
| 21 | - G.P.A., MTOUSA |
| 22/26 | - C.A.O., 15th Army Group |
| 27/28 | - HQ 16th Army Group |
| 29 | - HQ, AC |
| 30 | - Vice President, Economic Sec. HQ, AC |
| 31/32 | - Economic Section, HQ AC |
| 33 | - Industry Sub-Commission HQ AC |
| 34 | - Public Works and Utilities Sub-Commission, HQ AC |
| 35 | - C.S., TARA TC |
| 36 | - S.U.S.H.O., ITALY |
| 37 | - M.A.A.P. (A) |
| 38 | - M.A.A.P. (B) |
| 39/42 | - AAFSCO/TC |
| 43/44 | - HQ, No 1 District |
| 45 | - C.E. No 1 District |
| 46/47 | - HQ, No 2 District |
| 48 | - C.E. No 2 District |
| 49/50 | - HQ, No 3 District |
| 51 | - C.E. No 3 District |
| 52/56 | - C.G., RAAC |
| 57 | - PTNEASE SOUTH |
| 58 | - PTNEASE |
| 59/60 | - C.E., P.B.S. |
| 62/64 | - E.P.A., FBS |
| 65 | - HQ Adriatic Depot |
| 66/75 | - AFIRS, RAAC, C.I.F. |
| 76 | - Adv. C.E. No 1 District |
| 77 | - File |
| 78/90 | - Spares |

4867

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

785017

6-4 (A), AFHQ
 - 6-4 (B), AFHQ
 - 6-5, AFHQ
 - 2 (Main), AFHQ
 - 2, Coal Section, AFHQ
 - C.E., AFHQ
 - D.C.E., AFHQ
 - Dir. Eng. Prod. & Stores, AFHQ
 - D.W., AFHQ
 - Dir (Italy), C.I.F.
 - Fiscal Director, AFHQ
 - In. Movement, C.I.F.
 - G.P.A., MTOUSA
 - C.A.O., 15th Army Group
 - HQ 15th Army Group
 - HQ, AC
 - Vice President, Economic Sec. HQ, AC
 - Economic Section, HQ AC
 - Industry Sub-Commission HQ AC
 - Public Works and Utilities Sub-Commission, HQ AC
 - C.S., PARA TC
 - S.U.S.N.O., ITALY
 - N.A.A.F. (A)
 - H.A.A.F. (E)
 - AAFSCO/TC
 - HQ, No 1 District
 - C.E. No 1 District
 - HQ, No 2 District
 - C.E. No 2 District
 - HQ, No 3 District
 - C.E. No 3 District
 - C.G., RAAC
 - FENBASE SOUTH
 - FENBASE
 - C.E., P.B.S.
 - E.P.A., FBS
 - HQ Adriatic Depot
 - AFIRS, RAAC, C.I.F.
 - Adv. C.E. No 2 District
 - File
 - Spares

4857

544 Executive Commission
3rd floor Room 19

Copy No 80

CENTRAL ITALY ELECTRICITY SCHEME

Telephone
Rome 489081 - Ext. 317

8 March 1945 MAR 14 1945

ADVISORY COMMITTEE ON ELECTRIC POWER
(CENTRAL ITALY)

MINUTES

The second meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 19th February 1945 in Room 16, 8th Floor A.C. Headquarters - Via Vittorio Veneto - Rome.

Present:

- | | |
|------------------------|-----------------|
| LT. COL. T. DI LATERA | - Chairman |
| PROF. ENG. A. ASTA | - Vice Chairman |
| DR. ENG. A. ROVELLI | - Member |
| DR. ENG. G. ANGELICCI | - Member |
| PROF. ENG. A. ANTONINI | - Member |
| DR. ENG. G. PASQUCCI | - Member |
| DR. ENG. G. LANDUCCI | - Member |
| DR. ENG. E. BARRICELLI | - Secretary |

9) - Minutes of the 1st meeting held on 1st February 1945

The minutes were approved.

9) - Matters arising

Nil.

10) - Progress in rehabilitation of plants

Eng. Rovelli reviewed the progress in rehabilitation of plants and transmission system of Società Romana di Eletticità. Canterno plant will start operation on February 20th with an output of 8-10 MW during 3-4 hours a day until the end of June. Repairs of the gallery will then be carried out. The Committee recommended that the output of this unit be kept fairly high in order to reduce the percentage of hydraulic losses in penstocks and save fuel at Thermal Stations. The Committee recommended that the Allied Commission send a letter to S.R.E. and to Eng.

785017

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

8 March 1945
 ADVISORY COMMITTEE ON ELECTRIC POWER
 (CENTRAL ITALY)

MINUTES

The second meeting of the Advisory Committee on Electric Power (Central Italy) was held at 0900 hours on Monday 19th February 1945 in Room 16, 8th Floor A.C. Headquarters - Via Vittorio Veneto - Rome.

Present :

Lt. Col. G. CHIARIER	- Chairman
Prof. Eng. A. ASTA	- Vice Chairman
Dr. Eng. A. ROVELLI	- Member
Dr. Eng. G. NICOLUCCI	- Member
Prof. Eng. A. ANGELINI	- Member
Dr. Eng. G. PASQUETTI	- Member
Dr. Eng. G. SANTUCCI	- Member
Dr. Eng. P. BARRICELLI	- Secretary

8) - Minutes of the 1st meeting held on 1st February 1945.

The minutes were approved.

9) - Matters arising

will.

10) - Progress in rehabilitation of plants

Eng. Rovelli reviewed the progress in rehabilitation of plants and transmission system of Società Romana di Eletticità. Canterno plant will start operation on February 20th with an output of 8-10 MW during 3-4 hours a day until the end of June. Repairs of the gallery will then be carried out. The Committee recommended that the output of this unit be kept fairly high in order to reduce the percentage of hydraulic losses in penstocks and save fuel at Thermal Stations. The Committee recommended that the Allied Commission send a letter to S.R.E. and to Eng. De Gasperi of Terni Steelworks, stating that the turbine of Farfa I - first unit will be delivered by Terni on November 30.

Eng. Inseccetti reviewed the progress of repairs of Unione Trasformatrice Elettrica (UNTE). The Committee recommended that the casting of Geraca 2nd unit be made at Tervino Workshops. Assistance will also be provided by Terni Co.

Eng. Angelini reviewed the progress in rehabilitation of plants of Terni Company. The 2nd unit at Galleto will be in service not later than April 10th. The 3rd and 4th units will be delivered by the end of May and June respectively. The Committee recommended that the matter of cooling system for these units as well as the repairing of Proci plant be discussed by Terni Co. with M.I. Barry.

Eng. Lombardi reviewed the progress of repairs of Selt-Valentino Co. The 2nd unit of Pian della Rocca and the 3rd of Lino will be ready in February 45. Information of Geraca is still incomplete due to war operations. The synchronous condenser (5000 KVA) at Proci will be ready on March 15th.

Eng. Andreucci reviewed the progress in rehabilitation of plants of A.G.E.L. and stated that all repairs are going on according to the programme.

The completion of S. Giacomo plant of Terni Co. was also considered. The unit (86 KVA) is assembled being only short of an insulator. This will be constructed by Terni Steel Works in three months. The completion of the gallery will require 12 months; cement should be made available by Spoleto or Colliere cement factories. The Committee recommended that Terni Company submit a report on the future works for this station in order to avoid any interference, also stating the monthly requirement of cement for the completion of the gallery.

10) - Report from the Director of the Master Control

A report on the operating conditions during the preceding month was submitted by Eng. Pietromarchi. The outstanding operating difficulty had been the question of dealing with reactive KVA but this was being overcome as more plants became available and by insertion of synchronous condensers. The Committee complimented Eng. Pietromarchi on the way he had overcome the initial difficulties in setting up the Master Control.

11) Emergency operation procedure

The question of opening circuits in case of emergency as laid down in operation memorandum No 2 was discussed. It

785017

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

plants of Terni Company. The 2nd unit at Galleto will be in service not later than April 10th. The 3rd and 4th units will be delivered by the end of May and June respectively. The Committee recommended that the matter of cooling system for these units as well as the repairs of Traci plant be discussed by Terni Co. with Eng. Bagny.

Eng. Lombardi reviewed the progress of repairs of Selt-Industria Co. The 2nd unit of Fian della Rocca and the 1st of Vigna will be ready in February 45. Information of Selt-Industria is still incomplete due to war operations. The synchronous condenser (5000 KVA) at Selt will be ready on March 1945.

Eng. Lombardi reviewed the progress in rehabilitation of plants of A.O. V.A. and stated that all repairs are going on according to the programme.

The completion of S. Giacomo plant of Terni Co. was also considered. The unit (66 KVA) is assembled being only short of a transformer. This will be constructed by Terni Smeat Works in three months. The completion of the delivery will require 12 months; cement should be made available by Smeat Works or Colledara cement factories. The Committee recommended that Terni Company submit a report on the future works for this station in order to avoid any interference, also stating the monthly requirement of cement for the completion of the gallery.

11) - Report from the Director of the Master Control

A report on the operating conditions during the preceding month was submitted by Eng. Pietromarchi. The outstanding operating difficulty had been the question of dealing with reactive KVA but this was being overcome as more plants became available and by insertion of synchronous condensers. The Committee complimented Eng. Pietromarchi on the way he had overcome the initial difficulties in setting up the Master Control.

12) - Emergency operation procedure

The question of opening circuits in case of emergency as laid down in operation memorandum No 2 was discussed. It was agreed that after Ration and Eng. Pietromarchi would obtain the necessary information from each company in Central Italy in order that emergency switches be properly labelled.

./.

785017

13) - Any other business

The Committee agreed the constitution of a Commission from the operating companies technical staff to look into the question of neutral earthing and electrical protection. Major Renton and Eng. Diatomarchi will make the necessary arrangements.

Major Price explained to the Committee the procedure to be adopted when requiring supplies. He reported that an allocation of tires, boots and clothing is at present being made.

14) - Date and time of next meeting

Next meeting will be held at 0700 hours on Monday 10th March 1945.

Dr. Eng. FRANCESCO BARIUZZI
Secretary, Advisory Committee

Distribution list attached.

1864

2 5 2 7

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

785017

DISTRIBUTION

Copy No :

- 1 - C.A.O., AFHQ
- 2/3 - C-in C Red.
- 4 - Chief Commissioner AC
- 5 - G-4 (A), AFHQ
- 6 - G-4 (B), AFHQ
- 7/8 - G-5, AFHQ
- 9 - Q (Paint), AFHQ
- 10 - QM, Coal Section, AFHQ
- 11 - C.E., AFHQ
- 12 - D.C.E., AFHQ
- 13 - Dir. Eng. Prod. & Stores, AFHQ
- 14/16 - D.W., AFHQ
- 17/18 - DR (Italy), C.I.E.
- 19 - Fiscal Director, AFHQ
- 20 - Tn. Increment, C.I.E.
- 21 - G.F.A., MEOUSA
- 22/26 - C.A.O., 15th Army Group
- 27/28 - HQ 15th Army Group
- 29 - HQ, AC
- 30 - Vice President, Economic Sec. HQ, AC
- 31/32 - Economic Section, HQ AC
- 33 - Industry Sub-Commission HQ AC
- 34 - Public Works and Utilities Sub-Commission, HQ AC
- 35 - C.S., TARA TO
- 36 - S.U.S.N.O., ITALY
- 37 - M.A.A.F. (A)
- 38 - M.A.A.F. (E)
- 39/42 - AAFSCQ/TO
- 43/44 - HQ, No 1 District
- 45 - C.E. No 1 District
- 46/47 - HQ, No 2 District
- 48 - C.E., No 2 District
- 49/50 - HQ, No 3 District
- 51 - C.E., No 3 District
- 52/56 - C.G., RAAC
- 57 - PNBASG SOUTH
- 58 - PNBASG
- 59/60 - C.E., P.B.S.
- 62/64 - E.B.A., PBS
- 65 - HQ Adriatic Depot
- 66/75 - AFIRS, RAAC, C.I.E.
- 76 - Adv. C.E. No 2 District
- 77 - File
- 78/90 - Spares

4809

SOUTHERN ITALY ELECTRICITY SERVICE

Telephone
Rome 489081 - Ext. 317

26 February 1945 MAR 14 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

M I N U T E S

The 1st meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 1000 hours on Thursday 13th February 1945 in the Offices of S.N.E. - Naples.

Present :

Lt. Col. W. M. LAPPET	- Chairman
Prof. Eng. A. ASTA	- Vice Chairman
Dr. Eng. I. MASTURZO	- Member
Dr. Eng. ORTENSIO	- Substituting Eng. Corillo
Dr. Eng. G. MAIONE	- Member
Dr. Eng. MONTESUSCO	- "
Dr. Eng. BOVE	- "
Prof. Eng. RUGGIERO	- "
Dr. Eng. F. BARLUZZI	- Secretary
Major R. A. RYAN	- In attendance

1) - Explanation by Lt. Col. W. M. LAPPET on the functions and purpose of the Committee

Lt. Col. W. M. LAPPET explained that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works and Allied Commission had considered that it was now necessary that a much closer contact should be made between the Electric Power Companies, the Italian Government and Allied Commission.

In order to achieve this, it had been decided to form Regional Committees to be known as "Advisory Committee on Electric Power". Such Committees are being formed for Central Italy, Southern Italy, Sicily and Sardinia; representatives would be drawn from the Regional Committees to form a National Committee.

The function of the Committees were to recommend and advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters pertaining to electric power throughout Italy, Sicily and Sardinia and for this purpose members would express

ADVISORY COMMITTEE ON ELECTRIC POWER (SOUTHERN ITALY)

MAR 14 1945

MINUTES

The 1st meeting of the Advisory Committee on Electric Power (Southern Italy) was held at 1000 hours on Thursday 13th February 1945 in the Offices of S.M.E. - Naples.

Present :

Lt. Col. W. M. LAPPAR	- Chairman
Prof. Eng. A. ASTA	- Vice Chairman
Dr. Eng. L. FASUZZO	- Member
Dr. Eng. ORTENSIO	- Substituting Eng. Cerillo
Dr. Eng. G. NAIONE	- Member
Dr. Eng. MONTESUSCO	- "
Dr. Eng. BOVE	- "
Prof. Eng. RUGGIERO	- "
Dr. Eng. F. BARLUZZI	- Secretary
Major R. A. RYAN	- In attendance

1) - Explanation by Lt. Col. W. M. LAPPAR on the functions and purpose of the Committee

Lt. Col. W. M. LAPPAR explained that the General Inspector for Electricity, Water and Gas of the Ministry of Public Works and Allied Commission had considered that it was now necessary that a much closer contact should be made between the Electric Power Companies, the Italian Government and Allied Commission.

In order to achieve this, it had been decided to form Regional Committees to be known as "Advisory Committee on Electric Power". Such Committees are being formed for Central Italy, Southern Italy, Sicily and Sardinia; representatives would be drawn from the Regional Committees to form a National Committee.

The function of the Committees were to recommend and advise the General Inspector for Electricity, Water and Gas of the Ministry of Public Works on all matters pertaining to electric power throughout Italy, Sicily and Sardinia and for this purpose members would express their own views and not that of any particular company, with which they were connected.

2530

785017

- 2) - To review progress and make recommendations in connection with the rehabilitation of the generating plants and transmission systems.

The progress in rehabilitation of plants and transmission systems of the Società Meridionale di Elettricità was reviewed by Eng. Masturzo :

- (a) - The first stage was started on November 1943 and included reconstruction of Sila, Tanagro and Tuscia no generating stations, as well as repairs of 1st unit of Matera I.
- (b) - The second stage has already made good progress and includes repairs of Calore, Iate and Aventino generating stations, 2nd unit of Matera I and associated transmission systems. This stage also includes repairs of Capuano Thermo station and Agneno II substation.
- (c) - The third stage was started a short time ago and includes Pescara stations. In order that repairs be satisfactorily carried out, assistance by Terni steelworks will probably be needed for large castings.

The Committee recommended that the following transfer of plant be made :

- (1) - 2nd unit of Matera I to Iate.
- (2) - 2nd unit of Aventino to Matera II. This unit has suitable characteristics for Matera II, this installation will result in improved peak load service and in larger production of energy.
- (3) - 1 - 10,000 KVA transformer from Forelato to Tuscanino;
- (4) - 1 - 10,000 KVA transformer from Bari to Timpa Grande.
- (5) - That the second unit at Calore be repaired and put into operation at the Calore Station instead of transfer to new site.

The rehabilitation of the plants of Volturno Company was reviewed by Eng. Maione.

Three 600 KVA units of Volturno II hydroelectric station will be repaired during the next 3-4 months, and probably transferred to the 1st stage. Civil works will be completed by the same date.

The yearly production will approximately be 6,000,000

4361

viewed by Eng. Masturzo :

- (a) - The first stage was started on November 1943 and included reconstruction of Sile, Tanagro and Tuscia no generating stations, as well as repairs of 1st unit of Matase I.
- (b) - The second stage has already made good progress and includes repairs of Calore, Iate and Aventino generating stations, 2nd unit of Matase I and associated transmission systems. This stage also includes repairs of Ceguano Thermo station and Agnano II substation.
- (c) - The third stage was started a short time ago and includes Pescara stations. In order that repairs be satisfactorily carried out, assistance by Torné steelworks will probably be needed for large castings.
- The Committee recommended that the following transfer of plant be made :
- (1) - 2nd unit of Matase I to Iate.
 - (2) - 2nd unit of Aventino to Matase II. This unit has suitable characteristics for Matase II, this installation will result in improved peak load service and in larger production of energy.
 - (3) - 1 - 10,000 KVA transformer from Ferolate to Tuscia.
 - (4) - 1 - 10,000 KVA transformer from Bari to Timpa Grande.
 - (5) - That the second unit at Calore be repaired and put into operation at the Calore Station instead of transfer to new site.

The rehabilitation of the plants of Vulturno Company was reviewed by Eng. Faione.

Three 600 KVA units of Vulturno II hydroelectric station will be repaired during the next 3-4 months, and probably transferred to the 1st stage. Civil works will be completed by the same date.

The yearly production will approximately be 6,000,000 Kwh.

One 5,000 KVA unit of Vulturno I station will be ready in September 1945 and produce 25-30,000 Kwh per year.

Other similar units will require complete reconstruction

785017

and most of the works will be carried out at the stations, owing to shortage of transport.

Maj. Ryan asked whether the two Diesel units at Voltur no could be maintained in operation to assist during the peak period.

Eng. Maine stated that the cooling system was deficient and also one of the units was required for maintenance. The Committee recommended that the Valtur Company be asked to look into this matter to see if the plant availability could be improved.

In view of the serious delay in the repair to transmission systems due to mining of areas in the vicinity of the lines, the Committee recommended that immediate action be taken to have all mines cleared from the Electrical plants and equipment.

For this purpose all electric companies in Southern Italy are to be asked to send a telegram to Maj. Ryan indicating the areas requiring attention.

3) - To discuss the operation programme and the allocation of power for the month of March 1945

The Committee recommended that the matter of frequency control should be studied and a safe margin of spare capacity allowed for. Eng. Masturzo will discuss this with Maj. Ryan.

The request for 14,000 KW, or 7,000 KW on a reduced programme, for the Montecatini fertilizer factory at Crotona was discussed.

It was considered that there was not sufficient power available for the month of March and that the position would again be reviewed at the next meeting.

4) - Any other business

The Committee recommended that more transport and tires be provided in order to meet the urgent requirements of Power Companies for their operations.

The Committee recommended that one of the load-presses for high voltage cable construction be transferred from Leghorn (S.I.C.E.) to Naples (Pirelli Coy.). Special attention was called on the problem of its transportation.

The Committee recommended that the Ginori Factory for the manufacture of insulators at Florence should be brought into operation as soon as possible; it is understood that it only suffered light damages. The chief problem consists of providing coal and materials. All power companies in Southern Italy will be asked to submit to Maj. Ryan a list of types of insulators which they require.

asked to look into this matter to see if the plant availability could be improved.

In view of the serious delay in the repair to transmission systems due to mining of areas in the vicinity of the lines, the Committee recommended that immediate action be taken to have all mines cleared from the Electrical plants and equipment.

For this purpose all electric companies in Southern Italy are to be asked to send a telegram to Maj. Ryan indicating the areas requiring attention.

3) - To discuss the operation programme and the allocation of power for the month of March 1945

The Committee recommended that the matter of frequency control should be studied and a safe margin of spare capacity allowed for. Eng. Masturzo will discuss this with Maj. Ryan.

The request for 14,000 KW, or 7,000 KW on a reduced programme, for the Montecatini fertilizer factory at Crestone was discussed.

It was considered that there was not sufficient power available for the month of March and that the position would again be reviewed at the next meeting.

4) - Any other business

The Committee recommended that more transport and tires be provided in order to meet the urgent requirements of Power Companies for their operations.

The Committee recommended that one of the lead-presses for high voltage cable construction be transferred from Leghorn (S.I.C.E.) to Naples (Pirelli Coy.). Special attention was called on the problem of its transportation.

The Committee recommended that the Ginori Factory for the manufacture of insulators at Piacenza should be put into operation as soon as possible; it is understood that it only suffered light damages. The chief problem consists of providing coal and materials. All power companies in Southern Italy will be asked to submit to Maj. Ryan a list of types of insulators, which they require.

The Committee was asked to notify the Secretary of any matter which they desire to bring up for discussion, submitting particulars which could circulate to members before the meeting.

5) - Date and time of next meeting

The Società Meridionale di Elettricità kindly offered the use of their Offices for the Committee's meeting.

The next meeting will be held at 1000 hours on Wednesday 21st March 1945.

Mr. J. B. B. B.
Mr. J. B. B. B.
Secretary to the
Committee

Distribution

Copy No :

- | | |
|--|----------------------------|
| 1 - C.I.O., AFHQ | 32 - C.S., TIRANTO |
| 2/3 - C-in C Med. | 33 - S.U.S.N.O., ITALY |
| 4 - Chief Commissioner, AC | 34 - V.A.A.F. (A) |
| 5 - G-4 (A), AFHQ | 35 - N.A.A.F. (B) |
| 6 - G-4 (B), AFHQ | 36/39 - AFSCO/INTO |
| 7/8 - G-5, AFHQ | 40/41 - HQ, No 1 District |
| 9 - Q (Maint), AFHQ | 42 - C.E. No 1 District |
| 10 - Q, Genl Sec., AFHQ | 43/44 - HQ No 2 District |
| 11 - C.E., AFHQ | 45 - C.E. No 2 District |
| 12 - L.C.E., AFHQ | 46/47 - HQ, No 3 District |
| 13 - Dir. Eng. Prod. & Stores, AFHQ | 48 - J.I., No 3 District |
| 14/15 - IMR (Italy), C.M.F. | 49/53 - J.G., RAC |
| 16 - Fiscal Director, AFHQ | 54 - PEBASE SOUTH |
| 17 - En. Increment, C.M.F. | 55 - PEBASE |
| 18 - G.F.A., MTOUSA | 56/58 - J.I., P.B.S. |
| 19/23 - C.A.O., 15th Army Group | 59/61 - L.I.A., PBS |
| 24/25 - HQ 15th Army Group | 62 - HQ Adriatic Depot |
| 26 - HQ, AC | 63/72 - AFIRS, RAC, C.M.F. |
| 27 - Vice President, Economic Sec., HQ | 73 - Adv. C.I. No 2 |
| 28/29 - Economic Section | 74 - File |
| | 75/90 - Stores |

before the meeting.

5) - Date and time of next meeting

The Società Meridionale di Elettricità kindly offered the use of their Offices for the Committee's meeting.

The next meeting will be held at 1000 hours on Wednesday 21st March 1945.

W. B. B. B.
Dr. W. B. B. B.
Secretary to the
Committee

Distribution

Copy No :

- | | |
|--|------------------------------|
| 1 - C.I.O., AFHQ | 32 - C.S., TARANTO |
| 2/3 - C-in C Med. | 33 - S.U.S.N.O., ITALY |
| 4 - Chief Commissioner, AC | 34 - M.A.A.F. (A) |
| 5 - G-4 (A), AFHQ | 35 - M.A.A.F. (B) |
| 6 - G-4 (B), AFHQ | 36/39 - MAPSCU/HTO |
| 7/8 - G-5, AFHQ | 40/41 - HQ, No 1 District |
| 9 - G (Main), AFHQ | 42 - C.E. No 1 District |
| 10 - G, Coal Sec., AFHQ | 43/44 - HQ No 2 District |
| 11 - C.I., AFHQ | 45 - C.E. No 2 District |
| 12 - I.C.E., AFHQ | 46/47 - HQ, No 3 District |
| 13 - Air. Eng. Prod. & Stores, AFHQ | 48 - J.I., No 3 District |
| 14/15 - INR (Italy), C.I.F. 49/53 | 49 - J.G., RAC |
| 16 - Fiscal Director, AFHQ | 54 - PENBASE SOUTH |
| 17 - In. Increment, C.I.F. 56/58 | 55 - PENBASE |
| 18 - G.F.A., MIOUSA | 59/61 - J.E., P.E.S. |
| 19/23 - C.A.D., 15th Army Group | 60 - E.P.A., IRS |
| 24/25 - HQ 15th Army Group | 62 - HQ Adriatic Depot |
| 26 - HQ, AC | 63/72 - AFHS, RAC, C.E.F. |
| 27 - Vice President, Economic Sec., HQ AC | 73 - Adv. C.E. No 2 District |
| 28/29 - Economic Section HQ, AC | 74 - File |
| 30 - Industry Sub-Commission, HQ, AC | 75/90 - Stores |
| 31 - Public Works & Utilities Sub-Commission, HQ, AC | |

2538

785017

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

83

STAFF AL ITALY DISSEMINATING SERVICE

12 February 1945
Mar 14 1945

ADVISORY COMMITTEE ON ELECTRIC POWER (CENTRAL ITALY)

MEMORANDUM

The first meeting of the Advisory Committee on Electric Power (Central Italy) was held at 1000 hours on Thursday 1st February 1945 in Room 16 - 6th Floor, AC House - Via Vittorio Veneto, Rome.

Present:

- | | |
|-------------------------|-----------------|
| LT COL W. M. LAFER | - Chairman |
| Prof. Eng. A. ASTA | - Vice Chairman |
| Dr. Eng. A. ROVELLI | - Member |
| Prof. Eng. G. ANGELUCCI | - " |
| Prof. Eng. A. LUNZINI | - " |
| Dr. Eng. G. FASCECCHI | - " |
| Dr. Eng. G. LINDUCCI | - " |
| Dr. Eng. F. BRINZI | - Secretary |

1) - Appointment of Director and Staff for Master Control

The Committee agreed to the appointment of Director and Staff for the Master Control as follows:

- | | |
|-----------------------------|---|
| <u>Director</u> | : Dr. Eng. DIETRICH DOMENICO |
| <u>Control Engineers</u> | : Dr. Eng. CLEMENTI Vincenzo
Dr. Eng. COLIVIRINO Giovanni
Dr. Eng. FRATELLONI Emilio
Dr. Eng. ZANIER Luigi |
| <u>Asst. Control Engrs.</u> | : Dr. ANGELIS Enrico
GIOIELLI Ferruccio
SCHEFFOLD Rinaldo |
| <u>Statistical Asst.</u> | : SCOPPINI Baldomero |
| <u>Stone-typist</u> | : |

It was agreed that the vacancies shown for assistance control engineer and typist would be filled at the director's discretion.

2) - Salary of Director and Staff for Master Control

1678

The first meeting of the Advisory Committee on Electric Power (Central Italy) was held at 1000 hours on Thursday 1st February 1945 in Room 48 - 8th Floor, 40 Meters - Via Vittorio Veneto, Rome.

Present:

It. Col. V. V. LIPPI - Chairman
 Prof. Eng. A. ASIA - Vice Chairman
 Dr. Eng. A. ROVERI - Member
 Prof. Eng. G. ANELLI - "
 Prof. Eng. A. ANTONINI - "
 Dr. Eng. C. PASQUETTI - "
 Dr. Eng. S. LAMBERTI - "
 Dr. Eng. F. MARINELLI - Secretary

1) - Appointment of Director and Staff for Master Control

The Committee agreed to the appointment of Director and Staff for the Master Control as follows:

Director : Dr. Eng. PIETROMARCHI Domenico

Control Engineers : Dr. Eng. CALENA Vincenzo
 Dr. Eng. COLUCCI Giovanni
 Dr. Eng. FRATELLI Emilio
 Dr. Eng. LAMBERTI Luigi

Asst. Control Engs. : Dr. AUGUSTI Enrico
 Dr. FERRACIO
 SCARFACCIA Floriano

Statistical Asst. : SCARFACCIA Baldomero

Steno-typist :

It was agreed that the vacancies shown for assistant control engineer and typist would be filled at the director's discretion.

2) - Salary of Director and Staff for Master Control

Director : salary 15,000 lire per month; he will also receive a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

Dr. Ing. TURCHIORE will be retained on the books of Terni Co. and will receive benefits similar to those which he would have if still employed directly by the Company.

Control Engineers : salary of 10,000 lire per month; they will also have a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

Engineers FRATELLO and ZAFFER will be retained on the books of S.R.E. and A.S.E.A. respectively and will receive benefits similar to those which they would have had if still employed directly by the Companies.

Assistente Control Engineers : salary 6,000 lire per month; they will also have a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

Mr. DE AMELIS, Mr. MOHLI and Mr. SCARFICCIA will be retained on the books of S.R.E., A.S.E.A., and TERMI Co. respectively and will receive benefits similar to those which they would have had if still employed directly by the Companies.

Statistical Assistant : salary 6,000 lire per month; he will also receive a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above figures.

Stenotypist : salary 3,500 lire per month; she will also receive a thirteenth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

3) - Expenditure for Master Control

The Committee agreed to adopt the following procedure for expenditure in connection with the Master Control :

- (1) - The Banca Commerciale Italiana will be appointed trustee of a fund to be known as the "Master Control Fund".
- (2) - Each Company will during the year 1945 make 100,000,000 to the fund in equal amounts as requested by the Bank.
- (3) - The Bank will maintain a balance equal to three months

785017

year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

Engineers PRALLEONI and ZILBER will be retained on the books of S.R.E. and A.C.E.A. respectively and will receive benefits similar to those which they would have had if still employed directly by the Companies.

Assistente Control Ingegneri : salary 8,000 lire per month; they will also have a thirtieth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

Mr. DE ANGELIS, Mr. NEMILLI and Mr. SERRICOLA will be retained on the books of S.R.E., A.C.E.A., and IERNI Co. respectively and will receive benefits similar to those which they would have had if still employed directly by the Companies.

Statistical Assistant : salary 6,000 lire per month; he will also receive a thirtieth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above figures.

Stenotypist : salary 3,500 lire per month; she will also receive a thirtieth month of salary each year and this will include any other kind of payment. Ordinary income taxes and eventual contractual obligations will be deducted from the above amount.

3) - Expenditure for Master Control

The Committee agreed to adopt the following procedure for expenditure in connection with the Master Control :

- (1) - The Banco Commerciale Italiano will be designated trustee of a fund to be known as the "Master Control Fund".
- (2) - Each Company will during the year 1945 make a contribution to the fund in equal amounts as requested by the Bank.
- (3) - The Bank will maintain a balance equal to three months salaries of the Master Control.
- (4) - Withdrawals will be made by cheque and all cheques must bear the signature of the Director of the Master Control and the Secretary to the Committee before payment is made by the Bank.

./.

- 3 -

- (5) - The Director of the Master Control will be permitted to withdraw from the account sufficient money to meet salaries of Master Control plus an amount NOT exceeding 5,000 lire each month. Receipts covering all expenditures will be presented to the Committee for approval.
- (6) - Any expenses incurred by the Members and Secretary of the Committee in connection with the Master Control will be submitted to the Director who will make payment after approval by the Committee.
- 4) - Operation and allocation of power

The Committee gave their approval to the operation programme for the month of February 1945. A schedule showing the allocation of power for Central Italy was received.

5) - Progress of rehabilitation

A schedule showing the plants under repair and progress was reviewed.

The Committee recommended the following arrangements:

Plants

- (1) - Anversa
(2) - Acquaria

Remarks

First priority.

Second priority. Castings to be made for the 1st & 2nd units while models are available. Machining of 2nd unit to be made at later date.

Third priority.

Fourth priority.

- (3) - Cetilia
(4) - Gerosa, Lardarello and Farfa I
(5) - Plans for the completion of S. Giacomo and Provvidenza Stations will be submitted by Terni Co. and discussed at the next meeting.
(6) - Plans for the rehabilitation of 1 unit at Proci Station will be submitted by Terni Co.
(7) - Mr. Landucci requested assistance for transport of workers and additional food at Ighern thermal station. Maj. Bell of A.C. will arrange this.
(8) - Mr. Landucci stated that Selt-Valdarno would not require any assistance from Terni Steel Works for repairs to plants now in liberated area.

785017

(5) - - Any expenses incurred by the Members and Secretary of the Committee in connection with the Master Control will be submitted to the Director who will make payment after approval by the Committee.

4) - Operation and allocation of power

The Committee gave their approval to the operation programme for the month of February 1945. A schedule showing the allocation of power for Central Italy was received.

5) - Progress of rehabilitation

A schedule showing the plants under repair and progress was reviewed.

The Committee recommended the following arrangements :

Plants

- (1) - Anversa
- (2) - Acquaria

Remarks

First priority.

Second priority. Castings to be made for the 1st & 2nd units while models are available. Machining of 2nd unit to be made at later date.

- (3) - Cotilia

Third priority.

- (4) - Gerosa, Lardarello and Parfa I

Fourth priority.

- (5) - Plans for the completion of S. Giacomo and Provvidenza Stations will be submitted by Terni Co. and discussed at the next meeting.

- (6) - Plans for the rehabilitation of 4 unit at Proci Station will be submitted by Terni Co.

- (7) - Mr. Landucci requested assistance for transport of workers and additional food at Leghorn thermal station. Maj. Bell of A.C. will arrange this.

- (8) - Mr. Landucci stated that Selt-Valdarno would not require any assistance from Terni Steel Works for repairs to plants now in liberated area.

1946

./.

Declassified E.O. 12356 Section 3.3/NND No. 785017

4) - Any other business

Nil

7) - Time and date of next meeting

It was agreed that the next meeting be held at 0000 hours on Monday 19th February 1945.

President, T. MARSHALL
Secretary,
Admiralty Comptroller

MEMORANDUM

Copy to:

- 1 - C.A.A.O., AFHQ
- 2/3 - Chief of Staff
- 4 - Chief Commissioner, AC
- 5 - G-4 (A), AFHQ
- 6 - G-4 (B), AFHQ
- 7/8 - G-5, AFHQ
- 9 - G (Chief), AFHQ
- 10 - G-1, C-1 Section, AFHQ
- 11 - C-2, AFHQ
- 12 - D.C.E., AFHQ
- 13 - Dir. Eng. Prod. & St. prod., AFHQ

- 14/15 - IIR (Italy), C.H.F.
- 16 - Fiscal Director, AFHQ
- 17 - In. Movement, C.H.F.
- 18 - G.F.A., AFHQ
- 19/20 - C.A.A.O., 15th Army Group
- 21/22 - HQ 15th Army Group
- 23 - HQ, AF
- 24 - Vice President, Economic Section, HQ AC
- 25/26 - Economic Section, HQ AC
- 27 - Industry Sub-Commission, HQ AC
- 28 - Public Works & Utilities, HQ AC

- 32 - C.S., T.A.M.H.O.
- 33 - S.W.S.M.O., ITALY
- 34 - M.A.A.F. (A)
- 35 - M.A.A.F. (B)
- 36/37 - A.M.S.C./E-10
- 40/41 - HQ, N° 1 District
- 42 - C.E., N° 2 District
- 43/44 - HQ N° 3 District
- 45 - C.E., N° 4 District
- 46/47 - HQ, N° 5 District
- 48 - C.E., N° 6 District
- 49/50 - C.G., R.I.A.C.
- 51 - T.A.M.H.O. SOUTH
- 52 - T.A.M.H.O.
- 53 - C.E., P.D.S.
- 54/55 - B.F.A., P.S.
- 56/57 - B.F.A., P.S.
- 58/59 - B.F.A., P.S.
- 60/61 - B.F.A., P.S.
- 62 - A.M.S.C./E-10
- 63/64 - A.M.S.C./E-10
- 65/66 - A.M.S.C./E-10
- 67/68 - A.M.S.C./E-10
- 69/70 - A.M.S.C./E-10
- 71 - Adv. C.E., N° 1 District
- 72 - Adv. C.E., N° 2 District
- 73 - Adv. C.E., N° 3 District
- 74 - Adv. C.E., N° 4 District
- 75/76 - Adv. C.E., N° 5 District

2 5 4 3

785017

1003

Copyright © 2004 by John Wiley & Sons, Inc.

- | | | | | | |
|-------|---|---|-------|---|-------------------------|
| 1 | - | C.A.O., AFHQ | 37 | - | C.B., TAVITO |
| 2/3 | - | Chief of Staff | 38 | - | S.O.S.M.O., ITALY |
| 4 | - | Chief Communications, AF | 39 | - | M.A.A.P. (A) |
| 5 | - | 5-4 (A), AFHQ | 40 | - | M.A.A.P. (B) |
| 6 | - | 5-4 (B), AFHQ | 41/42 | - | AWSCC/AFHQ |
| 7/8 | - | 5-5, AFHQ | 43 | - | HQ, W. 1 District |
| 9 | - | 5 (Unit), AFHQ | 44 | - | C.E., W. 1 District |
| 10 | - | 5, Coal Section, AFHQ | 45/46 | - | HQ W. 2 District |
| 11 | - | C.E., AFHQ | 47 | - | C.E., W. 2 District |
| 12 | - | D.O.P., AFHQ | 48 | - | HQ, W. 3 District |
| 13 | - | Dir. Eng. Prod. & Stores, AFHQ | 49 | - | C.E., W. 3 District |
| 14/15 | - | IMR (Italy), C.M.F. | 50/51 | - | S.O., SMC |
| 16 | - | Fiscal Director, AFHQ | 52 | - | FENBASE SOUTH |
| 17 | - | Ta. Increment, C.M.F. | 53 | - | FENBASE |
| 18 | - | C.E.A., AFHQ | 54/55 | - | C.E., F.B.S. |
| 19/20 | - | C.A.O., 15th Army Group | 56/57 | - | E.F.A., FBS |
| 21/22 | - | HQ 15th Army Group | 58 | - | HQ Aerials Base |
| 23 | - | HQ, A | 59/60 | - | AFHQ, RAC, C.E.P. |
| 24 | - | Vice President, Economic Section, HQ AC | 61 | - | AFHQ, C.E.W. & District |
| 25/26 | - | Economic Section, HQ AC | 62 | - | File |
| 27 | - | Industry Sub-Committee, HQ AC | 63/64 | - | Spencer |
| 28/29 | - | Public Works & Utilities, HQ AC | 65 | - | |
| 30 | - | | 66 | - | |
| 31 | - | | 67 | - | |