

SUL Phur-Formignano-Perticara-Cabernardi Mine

Perticara - Cabernandi Mines

1000/148/941
from Oct '44

CRC.

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission

6 October 1945

Tele : 478704

253A/50/Tn.3.

SUBJECT : Movement of Sulphur

TO : Societa' Elettrochimica Solfuri e Cloroderivati
Trevignano (Milano)

1. With reference to your letter 18m Uff. Approvv., dated 26 Sept.
2. Application for this movement must be made to the I.S.B. Compartimento
at Ancona.

For the Director



C.F. CONSTABLE,
Major, R.E.

4187

TRANSLATION

A3/lmr

SOCIETA' ELETTROCHIMICA SOLFURI E CLORODERIVATI

TAVAZZANO (MILANO)

253A/49

Tavazzano 28 Sept. '45

TO : A.C. Regional Rail Transport Officer.

We make present what follows :

1. As producers of Sodium Sulphate we have been allotted by the "Comitato Industriale della Chimica e della Gomma" with card No. 1105 dated 14/9/45 tons 400 of raw sulphur to be withdrawn from the Cabernardi Mines (Marche) and to be moved to our Factory of Tavazzano (Milan).
2. The need for such raw material is for us indispensable to take up again the production of Sodium Sulphate in accordance with the plans of the "Comitato Chimico" to furnish the Textile, Tanning, and Chemical Industries which are in great need of the product.
3. Since it is impossible to carry 400 tons of sulphur by truck it is indispensable that the A.C. put at our disposal at the Montecarotto (Ancona) Station of the S.R. No. 20 rail cars for the Transportation of the 400 tons of sulphur to our Factory of Tavazzano.

For the above mentioned reasons we hope that our request will be granted and bring to your attention also its great urgency.

We are at your disposal for any further information.

THE COM FREE DIRECTOR

sgd. De. LUIGI ACHILLE

4168

Società Elettrochimica Solfuri e Cloroderivati



C.I.P.E.C.N. 247020

ANONIMA CAPITALE L. 3.000.000 INTERAMENTE VERSATO
SEDE E DIREZIONE - MILANO - VIA BORGONUOVO N. 14
PER TELEGRAMMI: ELETTROSOLFURI MILANO - TELEFONO 66586
STABILIMENTO: TAVAZZANO (MILANO) - TELEFONO 6507 (LODI)

TRASFERITA A
TAVAZZANO (Milano)
Telef. 6507 (Lodi)

Tavazzano, li 26 Settembre 1945

Rif. ldm
Uff. Approvv.

Espresso

ALLIED COMMISSION
REGIONAL RAIL TRANSPORT OFFICER
Via Vittorio Veneto
R O M A

La scrivente fa presente a codesta Commissione quanto segue :

- 1) Nella sua qualità di produttrice di SOLFURO DI SODIO ha avuto l'assegnazione da parte del Comitato Industriale della Chimica e della Gomma con buono n° 1105 del 14/9/45 di Tonn. 400 (quattrocento) di ZOLFO grezzo in pani da ritirarsi dalla Miniera di Cabernardi (Marche) e da trasportarsi al ns. Stabilimento di Tavazzano (Milano)
- 2) L'approvvigionamento di tale materia prima è per noi indispensabile ed urgentissima per poter riprendere la fabbricazione del SOLFURO DI SODIO secondo i piani di produzione fissati dal Comitato della Chimica per poter soddisfare le improrogabili necessità dell'Industria Tessili, conciarie e Chimiche. -
- 3) Poichè è assolutamente impossibile di poter pensare al trasporto di Tonn. 400 di zolfo a mezzo autocarri sia per ragioni economiche, sia per la mancanza da parte ns. di mezzi atti allo scopo, sia per la forte distanza chilometrica, è indispensabile che codesta Commissione metta a ns. disposizione alla Stazione FF.SS. di Montecassotto (compartimento Ferroviario di Ancona) N° 20 vagoni ferroviari coperti della portata utile di Tonn. 20 cad. per poter trasportare a $\frac{1}{2}$ Ferrovia le Tonn. 400 di Zolfo al ns. Stabilimento di Tavazzano raccordato col la Stazione FF.SS. di Tavazzano. 4185

./.

Foglio N. 2

Società Elettrochimica Solfuri e Cloroderivati

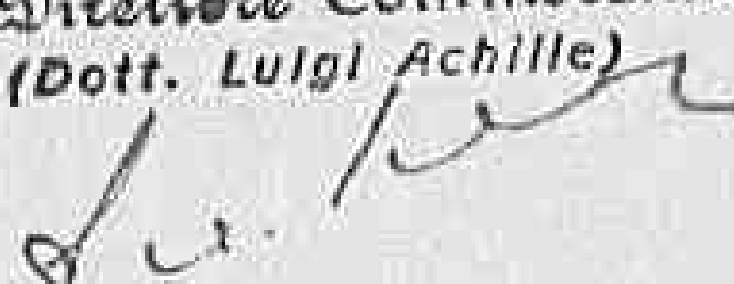
Segue lettera ALLIED COMMISSION

del 26/9/45

Per le regioni suesposte confidiamo che la
ns. richiesta verrà da Voi accolta e richiamiamo la Vs.
attenzione sulla massima urgenza di poter essere approy
vigionati. -

A Vs. disposizione per tutti gli schiarimen
ti che Vi potessero necessitare, con osservanza

SOCIETÀ ELETTROCHIMICA SOLFURI E CLORODERIVATI
Il Direttore Commerciale
(Dott. Luigi Achille)



HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission

CSG/gmh.

Tel: 478303

22 May 45.

Ref : AC/2/35/Tn3.
SUBJECT : Sulphur for Refining.
TO : Agriculture Sub-Commission.

253 A/H8

1. Under Ref AC/5631/IND dated 17 May 45, an application has been made by Industry S/C for the movement of black sulphur as follows :-

1000 tons from PERTICARA to CESENA
700 tons from CABERNARDI to MOIE (ANCONA)

2. As explained on the phone, at the present time it is not possible to move more than 100 tons per wk. without interfering with other high priority programmes.

3. In order to enable plans for the stepping up of this movement to be made information is requested as to the maximum grinding capacity per week at each of the destinations. On receipt of this information every effort will be made to deliver up to that tonnage.

4. Your early reply will be appreciated.

For the Director :

CC
C. STAIT-GARDNER
Major

Copy to : Industry Sub-Commission
Rail Branch - Mov Div. ✓

10 23/5

4184

Tel. 396

RWR/nm

17 May 45

Ref. AC/5631/IND

SUBJECT : Sulphur for Refining
TO : Transportation Sub-Commission ✓
FROM : Industry Sub-Commission

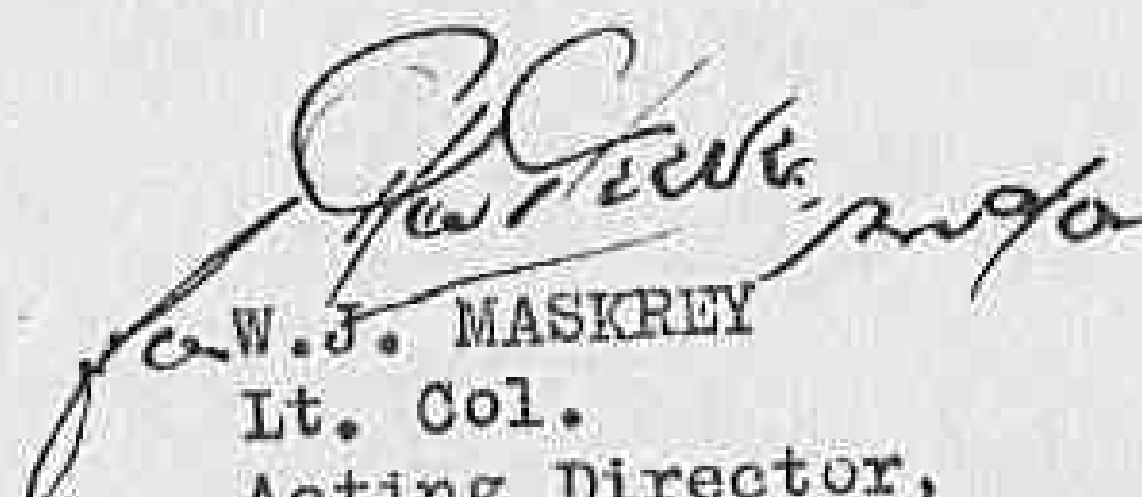
253A/
47

1. In order to complete this seasons agricultural requirements of ground sulphur it is necessary to arrange the following moves of block sulphur :

1,000 tons from Perticara to Cesena

700 tons from Cabernardi to Moie (Ancona)

2. Would you please vet these two proposed moves and advise this Sub-Commission quantities you could shift per week and most suitable stations in order that bids may be lodged.


W.J. MASKREY
Lt. Col.
Acting Director,
Industry Sub-Commission

4183

PROGRAM OF GROUND SUPPLY MOVES EX BELSIO

Period of Movement	Tons	Type	Consignee	Address	Consigned to Station
16 April to 22 April	15	Ground	C.A.P.	Arezzo	Arezzo
	20	Ground	C.A.P.	Perugia	Assisi
	15	Ground	C.A.P.	Terni	Terni
30 April to 6 May	20	Ground	C.A.P.	Rome	Rome Ostiense
	15	Ground	C.A.P.	Prosinone	Ceprano
	15	Ground	C.A.P.	Littoria	Littoria
7 May to 13 May	15	Ground	C.A.P.	Perugia	Assisi
	15	Ground	C.A.P.	Pieti	Terni
	20	Ground	C.A.P.	Arezzo	Arezzo
14 May to 20 May	20	Ground	C.A.P.	Rome	Rome Ostiense
	15	Ground	C.A.P.	Prosinone	Ceprano
	15	Ground	C.A.P.	Littoria	Littoria
21 May to 28 May	15	Ground	C.A.P.	Arezzo	Arezzo
	15	Ground	C.A.P.	Perugia	Foligno
	20	Ground	C.A.P.	Terni	Terni
29 May to 5 June	15	Ground	C.A.P.	Prosinone	Ceprano
	20	Ground	C.A.P.	Littoria	Littoria
	15	Ground	C.A.P.	Pieti	Terni

HEADQUARTERS ALLIED COMMISSION

APC 394

Transportation Sub-Commission

CRW/elc

Tel : 478704

253/45/Tn 3

27 April 1945

SUBJECT : Movement of Sulphur

TO : Regional Commissioner, Umbria-Marche Region
" " Toscana Region
HQ Movements Central Italy

1. Reference this HQ letter 253A/45/Tn 3 dated 31 March '45 and Appendix 'A'. This programme is now cancelled and with effect from 30 April '45 the revised programme at Appendix "A" to this letter will come into force. It will be noted that only Groucé Sulphur is scheduled for movement and that there will be no movement of Block Sulphur until further notice.

By Command of Rear Admiral STONE

J.W. BAKER, Lt.Col.

Copy to : G-5 AFHQ (2)

G-4 (Mov & Tn) AFHQ (2)

Regional Transportation Officer, Umbria-Marche Region

" " Toscana Region

AC Transportation Officer, c/o ISR Capo Compartimento, Rome

Economic Section

Industry Sub-Commission

Agriculture Sub-Commission (AGR/711-4 dated 14 April 45 refers)

Rail Division (In 4) (for information)

Movements Division, Roads

Major Dutrie

TO : Regional Commissioner, Umbria-Marche Region
" " Toscana Region
HQ Movements Central Italy

1. Reference this HQ letter 253A/35/In 3 dated 31 March '45 and Appendix 'A'. This programme is now cancelled and with effect from 30 April '45 the revised programme at appendix "A" to this letter will come into force. It will be noted that only Ground Sulphur is scheduled for movement and that there will be no movement of Block Sulphur until further notice.

By Command of Rear Admiral STONE


J.W. BAKER, Lt. Col.

Copy to : G-5 AFHQ (2)
G-4 (Mov & Tra) AFHQ (2)
Regional Transportation Officer, Umbria-Marche Region
" " Toscana Region 4181
AC Transportation Officer, c/o ISR Capo Compartimento, Rome
Economic Section
Industry Sub-Commission
Agriculture Sub-Commission (4GR/711-4 dated 14 April 45 refers)
Rail Division (In 4) (for information)
Movements Division, Roads
Major Duties

John W. Baker

APPENDIX "A"
 To 253A/45/Tn 3
 dated 27 April 45.

PROGRAM OF GROUND SULPHUR MOVES EX BELESIO

<u>Period of Movement</u>	<u>Tons</u>	<u>Type</u>	<u>Consignee</u>	<u>Address</u>	<u>Consigned to Station</u>
16 April to 22 April	15	Ground	C.A.P.	Arezzo	Arezzo
	20	Ground	C.A.P.	Perugia	Assisi
	15	Ground	C.A.P.	Terni	Terni
30 April to 6 May	20	Ground	C.A.P.	Rome	Rome Ostiense
	15	Ground	C.A.F.	Frosinone	Ceprano
	15	Ground	C.A.P.	Littoria	Littoria
7 May to 13 May	15	Ground	C.A.P.	Perugia	Assisi
	15	Ground	C.A.F.	Rieti	Terni
	20	Ground	C.A.P.	Arezzo	Arezzo
14 May to 20 May	20	Ground	C.A.P.	Rome	Rome Ostiense
	15	Ground	C.A.P.	Frosinone	Ceprano
	15	Ground	C.A.P.	Littoria	Littoria
21 May to 28 May	15	Ground	C.A.P.	Arezzo	Arezzo
	15	Ground	C.A.P.	Perugia	Foligno
	20	Ground	C.A.P.	Terni	Terni
29 May to 5 June	15	Ground	C.A.P.	Frosinone	Ceprano
	20	Ground	C.A.P.	Littoria	Littoria
	15	Ground	C.A.P.	Rieti	Terni

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

ROUTING AND WORK SHEET

and processed at appropriate level, as to
what need and how to meet it, etc.

SUBJECT : Sulphur

General, Economic, etc.
Mainly Economic, etc.
Economic, etc.

2 20/4 Commerce &
Foreign Trade
Division

The Transportation situation has altered considerably since letter AC/5127/1/ Commerce was written on 28 March '45. As regards Sicily, all demands for Sulphur movement, both rail and shipping have been met. Production has been approx 50% less than was estimated when the programme for Sicily was drawn up. On the Mainland, the programme to lift 630 tons per week from Caberndish Mine, by road to Railhead thence rail to various destinations, has been radically ~~reduced by the fact that the existing plants~~ *reduced by those loading for movement.* ~~cannot accept further tonnage.~~ We are now asked to lift only 280 tons ground sulphur from these Mines for e/c Agriculture Sub-Commission. Recently H.Q. Allied Commission were offered 20,000 tons additional Shipping. After three weeks we could only fill 5,000 tons. Additional rail re-construction on the Mainland has eased the Transportation problem. At present there is an excess of transportation availability against Sulphur availability, and programmes, so far set up, plus additional quantities could be met, if the Sulphur could be made available.

Transportation
S/C, Movements
Division.

1636

Declassified E.O. 12356 Section 3.3/NND No. 785021

It is, however, impossible to forecast the position, when the North has been fully liberated.

MJS

M.J. SIEFF, Colonel,
Chief, Movements Division
Transportation Sub-Commission.

Copy to : Movements - shipping
" " road

File 253a/Tn.3.
253b/Tn.3.

Copy to : Movements
Division

CRO/58

HEADQUARTERS ALLIED COMMISSION

APG 194

Transportation Sub-Commission
(Movements Division - Road--)

Our Ref :- AC/1/16/In.1. 14 April 1945

SUBJECT :- Movement of Sulphur

TO :- Road Division,
(with copy for A.T. Op. (I.A.V.))

2534/40

1. Ref my AC/2/13/In.1. (not to all) dated 4 April '45 enclosing sulphur programme for April and May also my AC/2/14/In 3 of 5 April '45.

2. Confirming phone conversation (Christensen - Fernyhough) 14 April '45 a request has been made by Agriculture S/C for a delivery of 40 tons per day for 7 days to Florence out of the total of 90 tons per day at present delivered from Gabernerdi Mine to Montecatone Station.

3. Rail cannot provide transport to Florence but can carry to Arezzo Station, and will commence consigning to Arezzo 40 tons per day, commencing with loadings at Montecatone Station on Monday 16 April '45.

4. The only alteration to Road working is therefore an additional item i.e. lifting 40 tons per day from Arezzo Station to Florence S.C. arrival of first 40 tons about Wednesday 18 April '45.

4178

5. Consignees:

Delivery will be made to :-

Name CONSIGNEE AGRARIO

Address. MESTO PIAZZINO STATION
FLORENCE.

Rail wagons will be labelled :-

CONSIGNEE AGRARIO OF FLORENCE
AREZZO STATION

For information of parties concerned

1. Ref my AC/2/13/In.3. (not to all) dated 4 April '45 enclosing sulphur programme for April and May also my AC/2/14/In 3 of 5 April '45.
2. Confirming phone conversation (Christensen - Barnyough) 14 April '45 a request has been made by Agriculture S/O for a delivery of 40 tons per day for 7 days to Florence out of the total of 90 tons per day at present delivered from Coderazzi line to Montecarlo Station.
3. Rail cannot provide transport to Florence but can carry to Arezzo Station, and will commence consigning to Arezzo 40 tons per day, commencing with loading at Montecarlo Station on Monday 16 April '45.
4. The only alteration to Road working is therefore an additional item i.e. lifting 40 tons per day from Arezzo Station to Florence w.e.f. arrival of first 40 tons about Wednesday 16 April '45.
5. Conclusions:
Delivery will be made to:-
Name CONSORCIO AGRARIO
Address. AREZZO STATIONING STATION
FLORENCE.
Rail wagons will be labelled:-
CONSORCIO AGRARIO OF FLORENCE
AREZZO STATION
6. For information of parties concerned

(s) E.I.O. Arezzo telephone No Arezzo 2494
who will be able to confirm availability of
Rail wagons for discharge.

May Datta

Copy to Mr. Datta
Please note that 29.4.45
the 40 tons per day of Road as offered by
Sulphur programme being booked into

(b) 1st Truck Bn. (Maj. BARNON or Cap. BYRON)
telephone NO 2108000 (153)

who will provide trucks under orders
A.C. WT. Sp. (IAP)

W. Schmitt

C. N. CHRISTENSEN

Lt. Col.

Movements Division

Roads Branch

Copy to :- HQ. Movements Central Italy

R.T.O. AGENCIES

Gov. Rail

Agriculture Sub-Commission

4137

INTER OFFICE MEMO.

GIC /gab

AO/2/17/Ta3.

14 April 1945

SUBJECT: Sulphur.

TO : - Road Division (2).

253A/39

1. Ref movement of sulphur from CASIMIRSKI Mine to MONTECATINI Station. See programme Ref 253A/35/Ta3 dated 31 March 45.

2. After completing 90 tons per day up to and including 22 April 1945 (that is incl 40 tons per day for EL GRONCE via AREZZO. See my AO/2/16/Ta3 of even date) the daily tonnage to be moved from the mine will be reduced to 40 tons per day i.e. Ground Sulphur only.

3. This confirms conversation (Lt Col Christensen - Mr BURGESS - Agriculture Sub commission) 14 April 45.

4. There will therefore be a daily lift of 50 tons available for use on other programmes.

Please consider and report on how far that lift can be employed on SASSA in the provinces of MANTOVA(400 tons) ASCONA(320 tons) and PAVARO(500 tons) Total 1220 Tons.



G.N. CHRISTENSEN.
Lt Col.
Movements Division.
Roads Branch.

Copy to: Agriculture Sub commission.
Mov - rail.
File AO/5/Ta3.
File AO/29/Ta3.

4176

INTER OFFICE MEMO

CNC/lr

5 April 1945

AC/2/14/Tn.3

TO : Rail Branch - Mov. Div.

SUBJECT : Movement of sulphur.

1. Ref. your 253a/35/Tn.3 of 31 March 45, para 4.

2. It must be clearly understood that the road transport required for the weekly 280 tons ground sulphur is for haulage from the mine to MONTECAROTTO Station and that the destinations referred to, "As required by Agriculture Sub-Commission" are Railway served depots or Railway Stations.

3. In other words the only increased Road commitment during the period over and above 90 tons per day from Mine to Station is that, of this quantity, a total of 34 tons is to be delivered to JESI and 4 tons to FLORENCE Area.


C.N. CHRISTENSEN
Lt. Colonel,
Movements Division,
Roads Branch.

Copy to : Road Division.
Regional Tn. Officer - UMBRIA-MARCHE Region
Agriculture Sub-Commission

Left Christensen's file

4175

R/335

MAR 291900A

HQ AM3 8 ARMY

HQ 15 ARMY GROUP FOR C-5 INFO HQ ALCOM

D/6382

MAR 292130A

IMPORTANT

203A/36

RESTRICTED

Ref signal CAS/412 dated 28 March.

1. As AC signal 2946 dated 5 March was addressed this Hq for info only no reply was considered necessary. Increased rail intake here requires bulk of 1001 Tpt. Conversation YOUNG-PERNYHOUGH of 25 March refers.

2. Agreed 25 March at AC conversation BAKER-PENDER that 1001 would road sulphur FORMIGNANO to CESENA railhead while Coy remains static. AC to initiate latter when required.

Dist

Info-Action - Tn (2)

Info - A/President

Chief Commissioner

Deon Sec

File

RESTRICTED

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2. Agreed 25 March at AC conversation BAKER-PENDER that 1001 would road sulphur FORTIGNANO to CESEMA railhead while Coy remains static. AC to initiate latter when required.

Dist

Info-Action - Tn (2)

Info - A/President

Chief Commissioner

Eccon Sec

File

RESTRICTED

4171

1644

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission
(Movements Division - Rail)

JWB/mb

Tele : 478704

31 March 1945

253a/35/Tn.3.

SUBJECT : Movement of Sulphur

TO : Regional Commissioner, Umbria-Marche Region
" " Toscana Region
HQ, Movements, Central Italy

1. Reference this HQ, letter 253a/25/Tn.3. dated 31 January '45.
2. During the period 5 Feb. - 29 Mar. '45 inclusive, a total of 4054 tons Sulphur from Osbernardi Mines was moved by rail (loading at Montecarotto Station) to various destinations.
3. Appendix 'A' to this letter is copy of revised programme of movement, covering deliveries required during period 2 April - 25 May '45 inclusive.
4. It will be noted that w.e.f. 9 April there will be 280 tons per week ground sulphur in bags for movement. This will be consigned to destinations as required by Agriculture Sub-Commission. All bids will be submitted in the normal manner.
5. It has been agreed that block sulphur for S.A.F.F.A., Jesi will be the subject of a direct road lift, as will also the small tonnage of block sulphur required for Pitte Vedova Dolfi, Borgo S. Lorenzo and F.lli Macii, Empoli.

For the Chief Commissioner.


M.B. THOMAS, Colonel,
Deputy Director,
Transportation Sub-Commission.

Copy to :

- G-4 (Mov. & Tn.), AFHQ (2)
- G-5, AFHQ (2)
- Regional Transportation Officer, Umbria-Marche Region
- " " Toscana Region
- AC, Transportation Officer, c/o IER Capo Compartimento, Rome
- Economic Section
- Industry Sub-Commission (AC/5631/IND, dated 29 Mar. '45.)
- Agriculture Sub-Commission
- Rail Division, Transportation Sub-Commission (for information)
- Movements Division (Roads)
- Major Duthie.

" " Toscana Region
HQ, Movements, Central Italy

1. Reference this HQ, letter 253a/25/Tn.3. dated 31 January '45.
2. During the period 5 Feb. - 29 Mar. '45 inclusive, a total of 4054 tons Sulphur from Cabernardi Mines was moved by rail (loading at Montecarotto station) to various destinations.
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For the Chief Commissioner.

~~Col. T. C. A.~~
M.B. THOMAS, Colonel,
Deputy Director,
Transportation Sub-Commission.

Copy to :

- G-4 (Mov. & Tn.), AFHQ (2)
- G-5, AFHQ (2)
- Regional Transportation Officer, Umbria-Marche Region
- " " Toscana Region
- AC, Transportation Officer, c/o ISR Capo Compartimento, Rome
- Economic Section
- Industry Sub-Commission (AC/5631/IND, dated 29 Mar. '45.)
- Agriculture Sub-Commission
- Rail Division, Transportation Sub-Commission (for information)
- Movements Division (Roads)
- Major Duthie.

4173

PROGRAMME OF SULPHUR MOVES EX CABERNARDI MINES

Period of Movement	Tons	Type	Consignee	Address	Consignee
2 April to 8 April	630	Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civit
X 9 April to 15 April	350 280	Block Ground	Soc. Prodotti Chimici Nazionali	Aurelia	Civit (Details (Agricult
16 April to 22 April	17 17 12 1 3 30 280	Block Block Block Block Block Block Ground	S.A.F.F.A. S.A.F.F.A. S.A. Unione Fiammiferi Ditta Vedova Dolfi F.lli Macii G. Aniene	Jesi Fucecchio Putignano Borgo S. Lorenzo Bapoli Rome	Jesi S. Min Fisa Firen Firen Rome (Details (Agricult
	250 20	Block Block	Soc. Prodotti Chimici Nazionali Mario Puccioni	Aurelia Chiusi	Civit Chius
23 April to 29 April	280 20 330	Ground Block Block	Mario Puccioni Soc. Prodotti Chimici Nazionali	Chiusi Aurelia	(Details (Agricult Chius Civit
30 April to 6 May	280 20 17 17 12 30 254	Ground Block Block Block Block Block Block	Mario Puccioni S.A.F.F.A. S.A.F.F.A. S.A. Unione Fiammiferi Aniene Soc. Prodotti Chimici Nazionali	Chiusi Jesi Fucecchio Putignano Rome Aurelia	(Details (Agricult Chius Jesi S. Min Fisa Rome Civit
7 May to 13 May	280 20 330	Ground Block Block	Mario Puccioni Soc. Prodotti Chimici Nazionali	Chiusi Aurelia	(Details (Agricult Chius Civit

Appendix 'A' to 253a/35/Tn.3.
dated 31 March '45.

PROGRAMME OF SULPHUR MOVES KX CABERNARDI MINES

Type	Consignee	Address	Consigned to Station
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Ground			(Details to be supplied by (Agriculture Sub-Commission
Block	S.A.F.F.A.	Jesi	Jesi
Block	S.A.F.F.A.	Puccchio	S. Miniato-Puccchio
Block	S.A. Unione Fiammiferi	Putignano	Pisa
Block	Ditta Vedova Polfi	Borgo S. Lorenzo	Firenze
Block	F.lli Macii G.	Napoli	Firenze
Block	Aniene	Rome	Rome S. Lorenzo
Ground			(Details to be supplied by (Agriculture Sub-Commission
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Block	Mario Puccioni	Chiusi	Chiusi
Ground			(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Ground			(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	S.A.F.F.A.	Jesi	Jesi
Block	S.A.F.F.A.	Puccchio	S. Miniato-Puccchio
Block	S.A. Unione Fiammiferi	Putignano	Pisa
Block	Aniene	Rome	Rome S. Lorenzo
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Ground			(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia

1648

Declassified E.O. 12356 Section 3.3/NND No. 785021

Period of Movement	Tons	Type	Consignee	Address	Consigned
14 May to 20 May	280	Ground	-----	-----	(Details to (Agriculture
	20	Block	Mario Puccioni	Chiusi	Chiusi
	330	Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
21 May to 25 May	280	Ground	-----	-----	(Details to (Agriculture
	20	Block	Mario Puccioni	Chiusi	Chiusi
	330	Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia

FUTURE MONTHLY REQUIREMENTSMATCHES

17 Tons	Block	S.A.F.F.A.	Jesi	Jesi
17 Tons	Block	S.A.F.F.A.	Puccichio	S. Minerva
12 Tons	Block	S.A. Unione Fiammiferi	Futignano	Pisa
0.4 Tons	Block	Ditta Vedova Dolfi	Borgo S. Lorenzo	Firenze
0.5 Tons	Block	F.lli Macii	Empoli	Firenze

BISULPHIDE

Nil	Prodotti	O.K. till end May
Nil	Crocchi	O.K. till end May

SULPHITE

30 Tons	Aniene	Later than May
---	Puccioni	

Tons	Type	Consignee	Address	Consigned to Station
280	Ground			
20	Block	Merio Puccioni	Chiusi	(Details to be supplied by
330	Block	Soc. Prodotti Chimici Nazionali	Aurelia	(Agriculture Sub-Commission
280	Ground			Chiusi
				Civitavecchia
20	Block	Merio Puccioni	Chiusi	(Details to be supplied by
30	Block	Soc. Prodotti Chimici Nazionali	Aurelia	(Agriculture Sub-Commission
				Chiusi
				Civitavecchia

FUTURE MONTHLY REQUIREMENTS

CHES

Tons	Block	S.A.F.F.A.	Jesi	
Tons	Block	S.A.F.F.A.	Fucecchio	
Tons	Block	S.A. Unione Piamiferi	Putignano	Jesi
Tons	Block	Ditta Vedova Dolfi	Borgo S. Lorenzo	S. Miniato-Fucecchio
Tons	Block	F.lli Macii	Empoli	Pisa
				Firenze
				Firenze

ALPHIDE

1	Prodotti		
1	Crocchi		
		O.K. till end May	
		O.K. till end May	

HITE

Tons	Aniene		
	Puccioni		
		Later than May	

Tel. 396

RWR/nm

29 March 45

Ref. AC/5631/IND.

SUBJECT : Sulphur ex Cabernardi
TO : Transportation Sub-Commission
FROM : Industry Sub-Commission

1. Attached new programme for the move of 630 tons sulphur per week.
2. For the purpose of the move of 280 tons of ground sulphur 97,000 bags have been sent forward to Montecarotti from Naples.
3. Rail bids for the 280 tons of ground sulphur will be lodged by Agriculture Sub-Commission weekly, those for week commencing 16th April to be lodged with Transportation Sub-Commission on Monday 2nd April.
4. This arrangement is necessary to enable Agriculture Sub-Commission to despatch accordingly to Agricultural needs.

4271
W.S. VAUGHAN
Director
Industry Sub-Commission

Copy to :-
Economic Section
Agriculture S/C
File 5648
Dr. Opatowski
Maj. Rosenbaum

31/3

PROGRAMME OF SULPHUR MOVES EX CAIENLARDI MINES

Bid Date	Tons	Type	Consignee	Address	Co
2 April to 8 April	630	Block	Soc. Prodotti Chimici Nazionali	Aurelia	
9 April to 15 April	350 280	Block Ground	Soc. Prodotti Chimici Nazionali -----	Aurelia -----	(D (A
16 April to 22 April	17 17 12 1 3 30 280	Block Block Block Block Block Block Ground	S.A.F.F.A. S.A.F.F.A. S. A. Unione Fiammiferi Ditta Vedova Dolfi F.lli G. Macii Aniene -----	Jesi Fucecchio Putignano Borgo S. Lorenzo Empoli Rome -----	S. Minia (1 (A
	250 20	Block Block	Soc. Prodotti Chimici Nazionali Mario Puccioni	Aurelia Chiusi	
23 April to 29 April	280 20 330	Ground Block Block	----- Mario Puccioni Soc. Prodotti Chimici Nazionali	----- Chiusi Aurelia	(1 (A
30 April to 6 May	280 20 17 17 12 30 254	Ground Block Block Block Block Block Block	----- Mario Puccioni S.A.F.F.A. S.A.F.F.A. S. A. Unione Fiammiferi Aniene Soc. Prodotti Chimici Nazionali	----- Chiusi Jesi Fucecchio Putignano Rome Aurelia	(1 (A S. Minia
7 May to 13 May	280 20 330	Ground Block Block	----- Mario Puccioni Soc. Prodotti Chimici Nazionali	----- Chiusi Aurelia	(1 (A

RMR/ci

PROGRAMME OF SULPHUR MOVES EX CAIERNARDI MINES

Type	Consignee	Address	Consigned to Station
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Ground	-----	-----	(Details to be supplied by (Agriculture Sub-Commission
Block	S.A.F.F.A.	Jesi	Jesi
Block	S.A.F.F.A.	Fucecchio	<i>S. Minerva</i> - Fucecchio
Block	S. A. Unione Fiammiferi	Putignano	Pisa
Block	Ditta Vedova Dolfi	Borgo S. Lorenzo	Firenze
Block	F.lli G. Macii	Empoli	Firenze
Block	Aniene	Rome	Rome
Ground	-----	-----	(Details to be supplied by (Agriculture Sub-Commission
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Block	Mario Puccioni	Chiusi	Chiusi
Ground	-----	-----	(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Ground	-----	-----	(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	S.A.F.F.A.	Jesi	Jesi
Block	S.A.F.F.A.	Fucecchio	<i>S. Minerva</i> - Fucecchio
Block	S. A. Unione Fiammiferi	Putignano	Pisa
Block	Aniene	Rome	Rome - <i>S. Lorenzo</i>
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Ground	-----	-----	(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia

Bid Date	Tons	Type	Consignee	Address
14 May to 20 May	280	Ground	-----	-----
	20	Block	Mario Puccioni	Chiusi
	330	Block	Soc. Prodotti Chimici Nazionali	Aurelia
21 May to 25 May	280	Ground	-----	-----
	20	Block	Mario Puccioni	Chiusi
	330	Block	Soc. Prodotti Chimici Nazionali	Aurelia

FUTURE MONTHLY REQUIREMENTS

MATCHES

17 Tons	Block	S.A.F.F.A.	Jesi
17 Tons	Block	S.A.F.F.A.	Fucecchio
12 Tons	Block	S. A. Unione Fiammiferi	Putignano
0.4 "	Block	Ditta Vedova Dolfi	Borgo S. Lorenzo
0.5 "	Block	F.lli G. Macii	Empoli

BISULPHIDE

N11	Prodotti	O.K. till end May
N11	Crocchi	O.K. till end May

SULPHITE

30 Tons	Aniene	Later than May
--	Puccioni	

4169

Type	Consignee	Address	Consigned to Station
Ground	-----	-----	(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia
Ground	-----	-----	(Details to be supplied by (Agriculture Sub-Commission
Block	Mario Puccioni	Chiusi	Chiusi
Block	Soc. Prodotti Chimici Nazionali	Aurelia	Civitavecchia

FUTURE MONTHLY REQUIREMENTS

Block	S.A.F.F.A.	Jesi	Jesi
Block	S.A.F.F.A.	Fucecchio	6 Months - Fucecchio
Block	S. A. Unione Fiammiferi	Putignano	Pisa
Block	Ditta Vedova Dolfi	Borgo S. Lorenzo	Firenze
Block	F.lli G. Macii	Empoli	Firenze

Prodotti	O.K. till end May
Crocchi	O.K. till end May

Aniene	
Puccioni	Later than May

CRW/mb

INTER-OFFICE MEMORANDUM

Tele : 478704

28 March 1945

253a/33/Tn.3.

SUBJECT : Sulphur Movement from N.E. Italy

TO : Lt. Col. J.W. Baker.

1. Reference conversation (Lt. Col. Baker - Worthington).
2. Major Reeves has seen Montecatini Representative today who states that it will be very difficult to draw Sulphur from either the Formignano or Perticara Mines as in both cases it is very difficult to get at the Sulphur.
3. As to a reduction in Road haul, local Representatives of Mines state that from Perticara to Rimini is some 45 Kms against present Road Haul Cabernardi to Montecarotto of 30 Kms.
4. All concerned request that the existing movement Cabernardi to Montecarotto be continued (90 T.P.D.).
5. The revised Sulphur movement programme will be issued within course of next few days.

C.R. Worthington
C.R. Worthington, Major

Agreed War Road
22/3

Agreed War Conference
16.04/30 War
No further action 4168
22/3

1656

Declassified E.O. 12356 Section 3.3/NND No. 785021

253a/30

ANG KEAR 8 ARMY C.S. BR CADRE 1004 G.T. COY C/O ANG ANCONA
 ANG ANCONA MARCHES ABRUZZI REGION MOVEMENT FOR ACTION
 FREEDOM, LAZIO UMBRIA REGION, TOSCANA REGION FOR INFO
 1035 3 3 FEB 45 OPERATIONAL PRIORITY

RESTRICTED PD

PARA ONE PD SULPHUR HADLAGE GABERNARDI TO SAN QUIRICO IS SUBJECT PD
 HAUL WILL NOW BE TO MONTENAPOTTO STATION APPROX ONE THREE KILOMETERS
 NORTH EAST OF SAN QUIRICO PD

PARA TWO AND REAR EIGHT ARMY RPT OFFICER COMMANDING BRITISH GAMES ONE ONE
 HERE AND FOUR GENERAL/COMPANY CASE OF ANG ANCONA RPT AND ANCONA FOR
 MAJOR HARDLEY RPT TEN MARCHES ABRUZZI REGION FOR TRANSPORTATION REPRESENTATIVE
 FIVE RPT MOVEMENT FOR ACTION RPT FREEDOM RPT LAZIO UMBRIA REGION FOR
 TRANSPORTATION REPRESENTATIVE RPT TOSCANA REGION FOR TRANSPORTATION REPRESENTATIVE
 REPRESENTATIVE FOR INFO FROM ALCON PAREN

PARA TWO PD FOR ANG EIGHT ARMY PD REQUEST YOU INFORM HINKS MANAGER TO
 ENSURE CHARGE MADE IN LABOUR REQUIREMENTS PD

2/2
 CRO
 3/2

TRANSPORTATION 3/3

290

NICHOLAS PLOMBINO 4167
 CWO U.S.A.
 Asst. Adjutant

253/19

O.C. BRITISH CADRE 1004 GEN TPT COY C/O AMG ANCONA
RPT FOR INFO AMG ANCONA MAJOR EARDLY CIVIL AFFAIRS 15 ARMY GROUP
997 2 FEB 45 PRIORITY

RESTRICTED PD

PARA ONE PD REFERENCE SULPHUR ROAD HAUL PD

PAREN TO OFFICER COMMANDING BRITISH CADRE ONE ZERO ZERO FOUR GEN TPT
COY CARE OF AMG ANCONA RPT FOR INFORMATION AMG ANCONA MAJOR EARDLY
RPT CIVIL AFFAIRS ONE FIVE ARMY GROUP FROM ALCOM PAREN

OWING TO RECENT DEVELOPMENTS IT IS NOW NECESSARY TO ~~XX~~ LIFT NINE ZERO
TONS PER DAY FROM ^{CABERHADI} ~~GARDENHILL~~ MINE TO SRA SAN QUIRICO RAILHEAD COMMENCING
FIVE FEB PD MAKE NECESSARY ARRANGEMENTS AND CONFIRM TO THIS HQ PD
PARA TWO PD TWO PLATOONS ONE ZERO ZERO ZERO GEN TPT COY MOVING OVER
AS SOON AS POSSIBLE TO COMPENSATE FOR LOSS OF TRUCKS ON GRAIN HAUL PD
WILL NOTIFY YOU ETA THOSE TWO PLATOONS EARLIEST POSSIBLE MOMENT PD

COPY TO INDUSTRY S/C TRANSPORTATION S/C MOVEMENTS DIVISION (RAILS)

TRANSPORTATION S/C

390

NICHOLAS PIOMBINO
CWO U.S.A.
Asst. Adjutant

4166

JTB/efh

HEADQUARTERS ALLIED COMMISSION

4FO 394

Transportation Sub-Commission
(Movements Division - Rail)

2 February 1945

Tele : 478704

253e/27/Tn.3

SUBJECT : Movement of Sulphur

TO : Regional Commissioner, Abruzzi-Marche Region
" " Lazio Umbria Region
" " Toscana Region

AMC Rear 8 Army
HQ, Movements, Central Italy

1. Reference to this HQ letters 253/44/Tn.3 dated 30 Jan.
253e/25 and 26/Tn.3 dated 31 Jan '45.

2. Reconnaissance by AMC, Rear 8 Army, reveals the present condition of roads between Perticara Mine and Rimini RH, is such that the planned road lift from Perticara Mine is not possible at this stage.

3. 1004 S.T. Coy (Italian) will therefore lift 90 tons per day from Cavernardi Mine for loading at Serra S. Quirico RH.

4. Industry Sub-Commission (Mining Division) are arranging increase of labour for loadings.

5. HQ, Movements, Central Italy, are requested to arrange for the increased wagon allotment at Serra S. Quirico.

For the Chief Commissioner,

MERRITT E. TAYLOR,
Director, Transportation Sub-Commission

4185

Copy to : C-4(Tn.3 & Tn.3) JTHQ (2)

C-5, AFHQ

HQ, 15 Army Group Civil Affairs (with copies of this HQ letters 253/44/Tn.3 - 253e/25 and 26/Tn.3)

March Umbria Region
Toscana Region

ATC Rear 8 Army
HQ. Movements, Central Italy

1. Reference to this HQ letters 253/44/Tn.3 dated 30 Jan, 253e/25 and 26/Tn.3 dated 31 Jan '45.
2. Reconnaissance by AMG. Rear 8 Army, reveals the present condition of roads between Particore Mine and Rimini RH, is such that the planned road lift from Particore Mine is not possible at this stage.
3. 1004 G.I. Coy (Italian) will therefore lift 90 tons per day from Cavernardi Mine for loading at Serra S. Quirico RH.
4. Industry Sub-Commission (Mining Division) are arranging increase of labour for loadings.
5. HQ. Movements, Central Italy, are requested to arrange for the increased wagon allotment at Serra S. Quirico.

For the Chief Commissioner,

HERRITT H. TAYLOR,
Director, Transportation Sub-Commission

4165

Copy to : C-4(Mov & Tr) AFHQ (2)
C-5, AFHQ

HQ. 15 Army Group Civil Affairs (with copies of this HQ letters 253/44/Tn.3 - 253e/25 and 26/Tn.3)

Regional Commissioner, Emilia Region

Transportation Officer, Abruzzi-Marche Region

" " Lazio Umbria Region

" " Toscana Region

" " Emilia Region

Movements, Rear 8 Army

Industry Sub-Commission (Mining Division)

Movements Division (Roads)

Rail Division (for information)

Major Duthie (2)

JWB/mb

HEADQUARTERS ALLIED COMMISSION
APO 594
Transportation Sub-Commission
(Movements Division - Rail)

Telex : 478704

31 January 1945

253a/26/Tn.3.

SUBJECT : Movement of sulphur

TO : Regional Commissioner, Abruzzi-Marche Region
" " Lazio-Umbria Region
" " Toscana Region (with copy of this HQ letter
253/44/Tn.3. dated 30 Jan. '45).

AMK. Rear 8 Army
HQ. Movements, Central Italy
Industry Sub-Commission (Mining Division)

1. Reference this HQ letter 253/44/Tn.3. dated 30 Jan. '45.
2. Please note amended delivery instructions for all Sulphur loaded to rail during period 12 - 18 Feb. '45 inclusive. For these seven days, all wagons will be consigned to :

ULISSE GROCCHI
TORRENTIERI, SIENA
at CHIUSI STATION

and not to Terni as was originally intended.

For the Chief Commissioner.

Copy to : G-4 (Mov. & Tn.) AFHQ
G-5 AFHQ.

Regional Commissioner, Emilia Region
Transportation Officer, Abruzzi-Marche Region

" " Lazio-Umbria Region
" " Emilia Region) with copy of this HQ letter
" " Toscana Region) 253/44/Tn.3. dated 30 Jan. '45.

Movements, Rear 8 Army
Movements Division - Roads
Rail Division (for information)
Major Dutrie.

MERRITT H. TAYLOR

DIRECTOR

Transportation Sub-Commission

HEADQUARTERS ALLIED COMMISSION

JWB/mb

AF0 394

Transportation Sub-Commission
(Movements Division - Rail)

Tele : 478704

31 January 1945

253a/25/Tn.3.

SUBJECT : Movement of Sulphur.

TO : Regional Commissioner, Abruzzi-Marche Region
" " Lazio-Umbria Region
" " Toscana-Region
AMG. Rear 8 Army
HQ. Movements, Central Italy.

1. Attached is copy of over-all programme for movement of Sulphur from Caternardi and Perticara Mines.
2. Instructions have already been issued covering deliveries 5 - 18 Feb. 45 (this HQ. letter 253/44/Tn.3. dated 30 Jan., amended by 253a/26/Tn.3. dated 31 Jan. 45).
3. Future deliveries will not be the subject of special instructions, but will be embodied in the weekly loading programmes issued by Transportation Sub-Commission in accordance with bids submitted by Industry Sub-Commission (Mining Division).
4. Rimini will continue to be used as RH for Perticara Mine and Serre S. Quirico as RH for Caternardi Mine. Rate of movement (90 tons per day) and transport arrangements will remain unchanged.
5. Industry Sub-Commission (Mining Division) have arranged for provision of adequate labour for loading at Mines and RHs. All wagons will be cleared immediately on arrival at destination Stations.
6. Labelling of all rail wagons is the responsibility of the Perticara and Caternardi Mines respectively, but Regional Transportation Officers will check that same is being carried out satisfactorily.
7. HQ. Movements, Central Italy and Movements, Rear 8 Army are requested to arrange for the provision of necessary rolling stock daily.
8. AMG. Rear 8 Army and Transportation Officer, Abruzzi-Marche Region, will forward weekly returns to this HQ. giving number of rail wagons loaded and tonnage moved. 2103

For the Chief Commissioner.

MERRITT H. TAYLOR
Director, Transportation Sub-Commission

1. Attached is copy of over-all programme for movement of Sulphur from Cabernardi and Ferticara Mines.
2. Instructions have already been issued covering deliveries 5 - 18 Feb. 45 (this HQ letter 253/44/Tn.3, dated 30 Jan., amended by 253a/26/Tn.3, dated 31 Jan. 45).
3. Future deliveries will not be the subject of special instructions, but will be embedded in the weekly loading programmes issued by Transportation Sub-Commission in accordance with bids submitted by Industry Sub-Commission (Mining Division).
4. Rimini will continue to be used as RH for Perticara Mine and Serre S. Quirico as RH for Cabernardi Mine. Rate of movement (90 tons per day) and transport arrangements will remain unchanged.
5. Industry Sub-Commission (Mining Division) have arranged for provision of adequate labour for loading at Mines and RHs. All wagons will be cleared immediately on arrival at destination stations.
6. Labelling of all rail wagons is the responsibility of the Perticara and Cabernardi Mines respectively, but Regional Transportation Officers will check that same is being carried out satisfactorily.
7. HQ, Movements, Central Italy and Movements, Rear S Army are requested to arrange for the provision of necessary rolling stock daily.
8. AMG, Rear S Army and Transportation Officer, Abruzzi-Marche Region, will forward weekly returns to this HQ, giving number of rail wagons loaded and tonnage moved.

For the Chief Commissioner.

[Signature]

MERRITT H. TAYLOR
Director, Transportation Sub-Commission

Copy to : G-4 (Mov. & Tn.) AFHQ (2)

G-5 AFHQ (2)
Regional Commissioner, Emilia Region
Transportation Officer, Abruzzi-Marche Region
" " Lazio-Umbria Region
" " Toscana Region
" " Emilia Region
Movements Rear S Army
Industry Sub-Commission (Mining Division)
Movements Division (Roads)
Rail Division (for information)
Major Duthie (2)

MOVE OF 12,000 TONS SULPHUR
FROM CABERNARDI AND PERTICARA MINES

4161

Consumer	Location	Trade	9 months supply over 6 months.	Type	Consigned to station	Max. quantity can take per month.
Soc. Umbra Prodotti Chimici	Collestatte	Bisulphide	4,800	NO. 1 and 2 fused (block)	Terni	1,500 T.
Ulisse Crocchi Torrenieri	Siena	"	2,200	ditto	Chiusi	500 T.
Pirelli	Tivoli	Rubber	55	fused	Tivoli	55
S.A. Pignone	Florence	"	33	"		
Aniene	Rome	Sulphite	55	fused (block)	Rome (S. Lorenzo)	55
Puccioni-Castellina in Chianti	Siena	"	120	" "	Chiusi	120
	Tuscany	Wool Bleach	7	" "	Prato	7
	Piedmont	"	10	" "	(To be advis- (ed later)	?
Jesi	Ancona	Matches	110	" "	Jesi	110
Fucecchio - Unione Rosselli - Magli Delfi	Florence	"	132	" "	S. Miniato- Fucecchio	132

1915
4161MOVE OF 12,000 TONS SULPHUR
FROM CAERNARDI AND PERTICARA MINES

	Trade	9 months supply over 6 months.	Type	Consigned to station	Max. quantity can take per month.	Are works ready to receive
on	Bisulphide	4,800	NO. 1 and 2 fused (block)	Terni	1,500 T.	Yes
tte	"	2,200	ditto	Chiusi	500 T.	Yes
	Rubber	55	fused	Tivoli	55	Yes
e	"	33	"			Low priority - await report on works
	Sulphite	55	fused (block)	Rome (S. Lorenzo)	55	Yes
	"	120	" "	Chiusi	120	Start in 8 weeks say first delivery third week March.
	Wool Bleach	7	" "	Prato	7	Low priority - waiting report from Ministry.
nt	"	10	" "	(To be advis-) (ed later)	?	Start July
a	Matches	110	" "	Jesi	110	Yes
ce	"	132	" "	S. Miniato- Fucecchio	132	Yes

Toscana Region (Half Requirements)	(	Apuania	Agric.	1.645	fused (block)	Rome	
	(	Arezzo					
	(	Firenze					
	(	Grosseto					
	(	Livorno					
	(	Lucca					
	(	Pisa					
Marche (Half Requirements)	(	Fistola	Agric.	1.844	-n- -n-	Rome	
	(	Siena					
	(	Ancona					
	(	Ascoli P.					
Umbria	(	Macerata	-n-	954	-n- -n-	Rome	
	(	Fosaro					
	(	Ferugia					
	(	Terni					

5 Feb 46 " 1700

To Chicago 1774 tons (118 tons)
 - Rome 589 - (38 -)
 - Terni 418 - (28 -)
2751 tons

Agric.

1.645

fused (block)

Rome

Agriculture Sub-
Commission to delegate
receiving works in
Rome for grinding;
quantities to be receiv-
ed per month and to
arrange distribution
of ground sulphur.

Agric.

1.844

"- -"

Rome

"- -"

954

"- -"

Rome

to the 11 Mar

1774 tons (118 bags)

Ssg - (33 -)

1418 - (25 -)

2751 tons

Tel. 394

RWR/dg

29 January 1945

Ref. AC/5616/IND

SUBJECT: Move of 12,000 Tons Sulphur ex
Cabernardi and Perticara Mines

TO : Transportation Sub-Commission

1. Enclosed schedule covering move of approx. 12,000 tons Sulphur to be moved ex the stock at the above mentioned mines.
2. It is anticipated that moves will commence on or about 5th February and Mining Division of Industry Sub-Commission have been requested to ensure that labour for loading is available at Mines.
3. It would be appreciated if this Office could be supplied with periodical returns of deliveries effected.

Copy to:
Economic Section
Agriculture S/C
Maj. Kilner
Maj. Rosenbaum
Lt. Opatowski
Sig.ra Cavalli
Mr. V. Dorkevich
Mining Division

W.S. Vaughan
for W.S. VAUGHAN
Director,
Industry Sub-Commission

1 Incl.:
Schedule of Sulphur
Movement

4160

Declassified E.O. 12356 Section 3.3/NND No. 785021

4159

MOVE OF 12,000 TONS SULPHUR
FROM CAHERNARDI AND PERTICARA MINES

Consumer	Location	Trade	9 months supply over 6 months.	Type	Consigned to station	Max. quantity can take per month.
Soc. Umbra Prodotti Chimici	Gellestatte	Bisulphide	4.800	NO. 1 and 2 fused (block)	Terni	1.500 T.
Ulisse Grocchi Torrenieri	Siena	"	2.200	ditto	Chiusi	500 T.
Pirelli	Tivoli	Rubber	55	fused	Tivoli	55
S.A. Pignone	Florence	"	33	"		
Aniene	Rome	Sulphite	55	fused (block)	Rome (S. Lorenzo)	55
Puccioni-Castellina in Chianti	Siena	"	120	" "	Chiusi	120
	Tuscany	Wool Bleach	7	" "	Prato	7
	Piedmont	"	10	" "	(To be advised later)	?
Jesi	Ancona	Matches	110	" "	Jesi	110
Fucecchio - Unione Rosselli - Magli Delfi	Florence	"	132	" "	S. Miniato- Fucecchio	132

MOVE OF 12,000 TONS SULPHUR
FROM CAHERNARDI AND PERTICARA MINES

Station	Trade	9 months supply over 6 months.	Type	Consigned to station	Max. quantity can take per month.	Are works ready to receive
statto	Bisulphide	4.800	NO. 1 and 2 fused (block)	Terni	1.500 T.	Yes
na	"	2.200	ditto	Chiusi	500 T.	Yes
oli	Rubber	55	fused	Tivoli	55	Yes
ence	"	33	"			Low priority - await report on works
ge	Sulphite	55	fused (block)	Rome (S. Lorenzo)	55	Yes
ni	"	120	" "	Chiusi	120	Start in 8 weeks say first delivery third week March.
any	Wool Bleach	7	" "	Prato	7	Low priority - waiting report from Ministry
mont	"	16	" "	(To be advis- (ed later)	?	Start July
ona	Matches	110	" "	Jesi	110	Yes
ence	"	132	" "	S. Miniato- Fucecchio	132	Yes

Toscana Region (Half Requirements)	(	Apuania	)	Agric.	1.645	fused (block)	Rome	(
	(	Arezzo	)					
	(	Firenze	)					
	(	Grosseto	)					
	(	Livorno	)					
	(	Lucca	)					
	(	Pisa	)					
Marche (Half Requirements)	(	Pistoia	)	Agric.	1.844	"- "	Rome	(
	(	Siena	)					
	(	Ancona	)					
	(	Ascoli P.	)					
Umbria	(	Macerata	)	"- "	954	"- "	Rome	(
	(	Fesaro	)					
	(	Ferugia	)					
	(	Terni	)					(

Agric.	1.645	fused (block)	Rome	Agriculture Sub-Commission to delegate receiving works in Rome for grinding; quantities to be received per month and to arrange distribution of ground sulphur.
Agric.	1.844	-"- -"	Rome	
-"-	954	-"- -"	Rome	

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission
(Movements Division - Rail)

JWB/mb

Tele : 478704

30 January 1945

253/44/Tn.3.

SUBJECT : Movement of Sulphur.

TO : Regional Commissioner, Abruzzi-Marche Region
" " Lazio-Umbria Region
AMR, Rear 8 Army
HQ, Movements, Central Italy
Industry Sub-Commission (Mining Division)

1. In order to make available Sulphur in Sicily for Export, it is essential that sulphur be moved from Perticara Mine (MR.R5080) and Cabernardi Mine (MR.S0737).

2. The total tonnage to be loaded to rail daily is 30 tons, or 45 tons per day from each Mine. First loadings on 5 Feb. '45, thereafter daily.

3. 1001 G.T. Coy (Italian) will be responsible for lift from Perticara Mine to Rimini RH and 1004 G.T. Coy (Italian) will be responsible for lift from Cabernardi Mine to Serra S. Quirico RE.

4. Use of RHe in question has already been agreed by G-4 (Mov. & Tr.) AFHQ.

5. For the first 14 days, i.e. 5 - 18 Feb. '45 inclusive, all wagons will be consigned to :

SOCIETA' UNERA PRODOTTI CHIMICI,
COLLETTATE

TERMI.

Industry Sub-Commission (Mining Division) are arranging for provision of adequate labour for loading at Mines & RHe, and also for prompt clearance from Termi by Consignees.

6. Labelling of all rail cars is the responsibility of the Perticara and Cabernardi Mines respectively, but Regional Transportation Officer will ensure that same is being carried out satisfactorily.

7. HQ, Movements, Central Italy and Movements, Rear 8 Army are requested to arrange for the provision of necessary rolling stock. Estimated requirements are 3 high-side open wagons at each RH daily.

8. AMR, Rear 8 Army and Transportation Officer, Abruzzi-Marche Region, will forward weekly returns to this HQ, giving number of rail wagons loaded and total tonnage moved.

For the Chief Commissioner.

MERRITT H. TAYLOR
DIRECTOR

2. The total tonnage to be loaded to rail daily is 90 tons, or 45 tons per day from each Mine. First loadings on 5 Feb. '45, thereafter daily.

3. 1001 G.T. Coy (Italian) will be responsible for lift from Perticara Mine to Rimini RH and 1004 G.T. Coy (Italian) will be responsible for lift from Cabernardi Mine to Serra S. Quirico RH.

4. Use of RHs in question has already been agreed by G-4 (Mov. & Trn.) AFHQ.

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COLLESTANTE
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For the Chief Commissioner.

Copy to :-

G-4 (Mov. & Trn.) AFHQ.

G-5 AFHQ.

Regional Commissioner, Emilia Region

Transportation Officer, Abruzzi-Marche Region

" " Lazio-Umbria Region

Movements, Rear 8 Army

Movements Division - Roads

Rail Division (for information)

Major Duthie.

MERRITT H. TAYLOR
DIRECTOR

TRANSPORTATION SUB-COMMISSION

CRW/ele

INTER-OFFICE MEMO

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission
(Movements Division - Rail)

29 January 1945

Tel : 478704

253/43/Tn 3

TO : Lt.Col. J.W. Baker

Notes on Meeting held Roads Division
Monday 29 Jan '45.

1. Distribution of Transport for movement of sulphur.
 - (a) It was agreed that the necessary redistribution of transport would be made to handle the movement of sulphur from the Perticara and Cabernadi Mines to railheads at Rimini and Serra S. Quirico commencing 5 Feb. '45.
 - (b) It was stressed by the Transport representatives that it was essential to arrange for proper supervision of loading at stations and for some competent person to carry out labelling.
2. Wheat movement.

The possibility of using Fabriano station instead of Masurata station has been ruled out due to the bad condition of the approach roads to the station.

C.R. Worthington
C.R. WORTHINGTON
Major

4156

MJS/ml

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission

Tel : 478701
Our Ref : AC/R/77/NS.
28 January 1945

SUBJECT : Use of A.C. controlled M.T. in
North East Italy.

TO : Movements Roads Section
Movements Rail Section.

1. It is anticipated that there will be 3 A.C. controlled G.T. Companies in North East Italy by the 7th February 1945.
2. Priority for the employment of these Companies is as follows:

(a) One Company on hauling grain from Ancona and Misurata Provinces to rail-heads for shipments southward. When there are insufficient rail-cars allocated to enable the total quantity that this Company can lift to be railed to the South, this Company's surplus capacity over rail wagon availability will be utilised in lifting grain from the Misurata, Ancona Provinces to Warehouses in Ancona.

Movement Rail Section will be responsible for informing Movements Roads Section of the number of rail wagons allocated by A.P.H.Q. at the weekly P.O.M. Movements Road Section will be responsible for informing the Road Division of the number of the rail wagons allocated and for arranging the weekly programme.

(b) One G.T. Company is responsible for maintaining supplies in isolated Communes and grain deficient areas, mainly lifting grain from Misurata, Ascoli and Teramo Provinces into the Provinces of Pescara and Chieti. It is anticipated that this Company will be required for some time yet on this work.

(c) The 3rd G.T. Company about to move from the North West area to the North East area will be utilised :-

Lifting sulphur from the Perticara and Cabernadi mines to the extent of 90 tons per day total to Army railheads for onward movement South.

155

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(c) The 3rd G.T. Company about to move from the North West area to the North East area will be utilised :-

Lifting sulphur from the Perticara and Caberzade mines to the extent of 90 tons per day total to Army railheads for onward movement South.

The balance of the Company will be employed in lifting grain from Misurata, Ancona Provinces etc. for stock piling in the Ancona Warehouses. This haul will be a road haul in its entirety as no additional capacity exists for rail movement at present.

W. H. Taylor

MERRITT H. TAYLOR
Director

Copy to: Economic Section
Food Sub-Commission
Road Division

MERRITT H. TAYLOR
Director

Copy to: Economic Section
Food Sub-Commission
Road Division

JAB/mb

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission
(Movements Division - Rail)

22 January 1945

Tele : 478704

253/41/Tn.3.

SUBJECT : Movement of Sulphur
TO : Industry Sub-Commission

1. Reference your AC/5631/IND dated 19 Jan. '45.
2. It is confirmed that Sulphur will be moved from Cabernard1, Ferticera and Foralguemo Mines, to meet Industrial and Agriculture requirements.
We are experiencing some difficulty in obtaining suitable billets for the G.T. Coy personnel being assigned to this task, but a definite date for commencement of movement will be given as early as possible.
3. The programme of requirement of Sulphur movements, forwarded with your AC/5631/IND dated 4 Jan. '45, covered only sulphur for Industrial purposes. We are still awaiting the programme for Agriculture requirements.

J. B. Baker
Lt. Col.
MERRITT H. TAYLOR
Director, Transportation Sub-Commission.

Copy to : Agriculture Sub-Commission.

4152

Tel. 323

JR/hh

Ref. : AC/5631/IND

19 January 1945

SUBJECT : Movement of Sulphur

TO : Transportation Sub-Commission
(Attention: Lt.Col. Baker)

FROM : Industry Sub-Commission

1. It is imperative that this Sub-Commission be advised at your earliest convenience whether, in fact, sulphur can be moved from Cabernardi, Perticara and Formignano mines to satisfy the industrial and agricultural requirements as stated in our letter of 4 January 45 (Ref. AC/5631/IND).

2. If said movement cannot be effected, we must now turn to the alternate source of supply, Sicily.

Copy to : -
Economic Section

W. S. VAUGHAN
W. S. VAUGHAN
Director,
Industry Sub-Commission

1501
4153

INTER OFFICE MEMORANDUM

JWB/lr

253/39

19 January 1945

File 16

AC/253/37/Tn.3

SUBJECT : Movement of Sulphur.

TO : Movements Division - Roads.

R. Reference my AC Tn/3/37/RM dated 12 Jan. 45.

2. Extract of letter dated 11 Jan. 45 and referring to Formignano Mine, from Regional Econ. and Supply Officer, Emilia Region, reads as follows :-

"The statement that the road from Cesena is in good order is no longer correct, as the Bailey bridges on Route 71 have now been removed. The mine cannot now be got at and it will not be possible to do so until some six or seven bridges have been rebuilt."

3. This means the daily lift from Perticara and Cabernandi mines must total 90 tons per day.

4. Please arrange M.T. accordingly and say when first lift can be made.


J.W. BAKER
Lt. Colonel.

4152

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION
MINING DIVISION

253/38
AFR/ce

17 January 1945

Ref: Mines-926.35

SUBJECT: Shipments of Sulphur

TO : Transportation Sub-Commission, Hq. AC.

1. The attached copy of letter RIX/ES/36/733 of 11 January is forwarded for your information insofar as it may affect your plans for shipment of sulphur.

For The Chief Commissioner:

W. S. Vaughan
W. S. VAUGHAN,
Director,
Industry Sub-Commission.

Incl - as per para.1

c/c -

Economic Section	(2)
Agriculture S/C	(1)
Industry S/C	(1)
Attn: Major Rosenbaum	(1)
Commerce S/C	(1)
Public Works & Utilities S/C	(1)
Float	(1)
Files, Mining Division	(3)

Mr Col B. J. ...
Informed of position
Re Foreign Affairs

2191
CHES
17/1/45
4151

JWP/aa

HEADQUARTERS ALLIED COMMISSION

AFC 394

Transportation Sub-Commission

file

INTER OFFICE MEMORANDUM. URGENT

Ref. AC.Tn/3/37/EM

12 January 1945

SUBJECT: Movement of Sulphur

TO : Movements Division - Roads
" " - Shipping

1. In order that Sulphur may be made available for Export from Sicily, it has been decided that 10,000 / 12,000 tons Sulphur will be moved by rail from N.S. Italy during the next six months.

2. Not one of the Mines in question is at present rail served and, to provide the necessary road lift to Bullhead, the Director has ruled that sufficient number of vehicles from one of the Rome Q.M. Truck Companies be drafted into N.S. Italy as early as possible.

3. Details of mines, stocks available, RMs to be used etc. are given hereunder:

Mine	MR	Stocks available	RM	Rate of Loading
Formignano	R5329	2,300 tons	Cesena	30 tons per day
Perticara	R5380	5,900 "	Rimini (15%)	30 " "
Cabernardi	S0737	10,500 "	Serra S. Quirico	30 " "

4. Please say urgently how soon road vehicles can be made available, in order that this important movement can be started.

5. On a recent journey from Caserta to Foggia, the Director saw approx 30 ten-ton trucks with five-ton trailers, hauling wine from Lecce Area to Rome.

To compensate for the loss of AT lift in Rome, by transfer of vehicles of Q.M. Truck Companies, the Director desires:

(a) The cancellation of all Road haul from Lecce to Rome. 4150

(b) An increase in shipping allocation by AFHQ to lift

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2. Not one of the mines in question is at present well served and, to provide the necessary road lift to Mithras, the Director has ruled that sufficient number of vehicles from one of the Rome Q.M. Truck Companies be drafted into N.S. Italy as early as possible.

3. Details of mines, stocks available, RMS to be used etc. are given hereunder:

Mine	MR	Stocks available	RH	Rate of Loading
Formignano	R5399	2,300 tons	Cesena	30 tons per day
Perticara	R5380	5,300 "	Rimini (15/4)	30 " "
Cabernardi	S0737	10,500 "	Serra S. Quirico	30 " "

4. Please say urgently how soon road vehicles can be made available, in order that this important movement can be started.

5. On a recent journey from Caserta to Foggia, the Director saw approx 30 ten-ton trucks with five-ton trailers, hauling wine from Lecce area to Rome.

To compensate for the loss of MT lift in Rome, by transfer of vehicles of Q.M. Truck Companies, the Director desires:

- (a) The cancellation of all Road haul from Lecce to Rome. 4150
- (b) An increase in shipping allocation by AFHQ to lift the wine to Civitavecchia which would otherwise be conveyed by road.

[Signature]
C. W. BAKER
Lt. Colonel

Copy to: Lt. Col. M. J. Siefert, Movements Coordinator.

JWB/aa

HEADQUARTERS ALLIED COMMISSION

APO 394

Transportation Sub-Commission

file

Ref : AC.Tn/3/36/RM.

12 January 1945

SUBJECT : Movement of Sulphur.

TO : Economic Section (Supply & Resources Div.)

1. In order that Sulphur may be exported from Sicily, the problem of movement from the Sulphur Mines of N.R. Italy has been considered.

2. Arrangements are being made whereby, during the next six months, 10,000 / 12,000 tons Sulphur will be lifted from Cabernardi, Feticara and Pormignano Mines and delivered by rail to consignees nominated by Industry Sub-Commission.

3. Date for start of this lift will be advised to all concerned as early as possible.

4. Some revision in these plans may be necessary when N.W. Italy is liberated and further heavy demands will be made on road transport available.

W. R. Thomas

W. R. THOMAS

Colonel,

Deputy Director

Copy to : Commerce Sub-Commission (Foreign Section)
Industry Sub-Commission
File AC.Tn/III/2/RM.

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION
MINING DIVISION

Tel: 559

DSK/cc. 10

Ref: Mines-700.3

8 January 1945.

SUBJECT: Power for Cabernardi Sulphur Mine.

TO : Economic Section, HQ. A.C.

1. The attached Memorandum with translation from Società Montecatini is forwarded to your office, since it is believed that this presents a matter of great importance.

2. The Mining Division of Industry Sub-Commission has inspected this mine and reports that this danger to the mine is not exaggerated.

3. Application for power was first made in September, and on 13 November this situation was explained by letter through the Electrical Division, Public Works and Utilities Sub-Commission. This matter was taken up verbally again 11 December with the Regional Engineer Marche-Abruzzi Region.

4. The Regional Engineer realizes the importance of this power to future sulphur production but can give practically no assistance inasmuch as all power in this area is controlled by C.R.E. District No. 1.

5. Application for power is again being submitted according to instructions, letter 9.01.ES, Economic Section, 16 December 1944. However, this mine presents a different

- 2 -

case inasmuch as they have their own hydro-electric generator now producing 200 KW., sufficient for maintenance purposes but denied them by C.R.E. District No. 1.

6. I wish to point out that sulphur production in Italy will barely cover local requirements and that present plans call for exporting sulphur. Therefore it is quite obvious that the production from this mine will be badly needed and that unless power for maintenance is made available at once, several months production will be lost.

W. S. VAUGHAN,
Director,
Industry Sub-Commission

Incl - Memo from Montecatini
dated 30 December '44

c/c - Transportation S/C	(1)
Commerce Sub-Comm.	(1)
Food Sub-Comm.	(1)
Float	(1)
Files, Mining Division	(1)

4147

INTRODUZIONE
Direttore centrale

Roma 30 dicembre 1944

PROPOSTA PER LA LINEA VERBALE S.A.

MINIERA DI CASSINARIA

Le condizioni in cui versa questa miniera diventano sempre più gravi e pericolose per l'assoluta mancanza di energia elettrica, verificatasi fin dal 15 giugno, due mesi prima della liberazione della miniera.

Le visite che si fanno al sottosuolo sono limitate, a causa della mancanza di aeraggio sufficiente, alle poche zone non invase dai gasi e altri gas. Le manovre alle gallerie, ai pozzi ecc. sono compiute da altri sei mesi per mancanza dell'energia elettrica, necessaria al funzionamento del pozzo d'estrazione, dei ventilatori ecc. sicché si stanno verificando gravissimi danni con chiusura delle gallerie per frana, dei cantieri ecc. Si realizza inoltre serpeggio in proporzioni la possibilità di incedere per frana dei cantieri di coltivazione e per esondazione delle argille bituminose che accompagnano lo strato calcifero, ciò che causerebbe la distruzione definitiva della miniera.

E' quindi assolutamente necessario poter disporre di una sufficiente quantità di energia elettrica per accedere al sottosuolo, per trasportarvi il legname, per sgombrare ed riaprire le gallerie e per vigilare i cantieri di coltivazione.

Cio' premesso, suggeriamo vivamente la Mining Division di voler assegnare, con provvedimento urgente, l'energia elettrica nella misura di almeno 200 Kw. ciò che potrà realizzarsi subito per mezzo di un'utilizzare l'energia da noi prodotta nella centrale idroelettrica di Senna. Sennò, che abbiano cura di rimettere in attività fin dal 10 ottobre e che invece viene sfruttata dalla società di distribuzione locale U.S.I., (sele in Roma - Via Torino, 117) la quale utilizza tutta l'energia per altri scopi, non essendoci stato fin ora le nostre insistenze.

Riteneremo opportuno, inoltre, informare la Mining Division che nelle condizioni presenti non sarebbe possibile contare su altre fonti di energia elettrica, anche perché tanto la galleria principale di trasformazione di Fabbiano (danneggiata dai bombardamenti e successivamente distrutta dai tedeschi), quanto la linea elettrica Fabbiano-Casamari (pure essa danneggiata dai tedeschi) non sono ancora in corso di riparazione da parte della detta società U.S.I., proprietaria di gli impianti.

Per poter rinettare in cassetto la miniera di Cabernardi, per la produzione della solfo tanto necessario, è urgente il ripristino di questi impianti e soprattutto della linea Fabriano-Cabernardi che potrebbe anche trasportare l'energia elettrica proveniente da altre fonti oltre la "TIRI" e particolarmente quella della Soc. Elettrica del Valdarno (Sede in Firenze) proveniente da Giulio Tadini.

Desidero molto grati alla Mining Division dell'aiuto che dovrà concedere alla nostra miniera di Cabernardi in questo momento di grave pericolo.

Ringraziamo e porgiamo i più distinti saluti.

W. M. T. T. T.

Resume of attached Memo

SUBJECT: Cabernardi Mine.

The mine is getting into a more and more dangerous state as a result of the complete lack of power since 15 June, two months before its liberation.

Owing to lack of mechanical ventilation, visits underground are limited to the few areas which are free from marsh gas and other gases. Maintenance of levels, shafts etc. have been suspended for over six months through lack of power for hoists and ventilators. For this reason serious damage is occurring with blockage of levels and stopes through falls of ground. There is, furthermore, increasing danger of fires caused by falls of rock and by oxidation of the carbonaceous shales which are found in the sulphur bearing beds. Any such outbreak would cause the complete destruction of the mine.

It is absolutely necessary to have sufficient power to permit access to the underground workings, to carry timber to them to clear and re-open roadways and to inspect and maintain the stopes.

In view of the above we beg the Mining Division to obtain for us, as a matter of the greatest urgency, at least 200 K.W. This could be obtained at once by allowing us to use our own power produced in our own hydroelectric power station at Serra San Quirico, which we put into operation on 1 October. This power is however taken by the local distributing company the UNES which utilizes the whole for other purposes despite our representations which have hitherto been in vain.

We take this opportunity of informing the Mining Division that at present no other source of power is available since both the Fabriano sub-station and

4166

- 2 -

the line from Fabriano to Cabernardi are not yet being repaired by the power company.

Repair to the above plant and transmission line is necessary before the mine can be put onto producing basis. The line could transmit power from sources other than the Tenni Company, among others the Gualdo Tadino Station of the Valdarno Company.

We will be deeply grateful for help to the mine in this period of grave danger.

4143

Tel. 323

JR/GRP

Ref. AC/5631/IND

31 Dec. 44

SUBJECT : Sulphur
TO : Economic Section
FROM : Industry Sub-Commission

1. On 15 December 44, a letter summarizing the sulphur situation was written by this Sub-Commission and addressed to AFHQ, C-5 Section (Summary of Sulphur Situation, Ref. AC/5631/IND, 15 Dec. 44). Since that date numerous conversations have been held with various Sub-Commissions of this Headquarters on said situation. Therefore, it is now deemed timely by this Sub-Commission to enlarge on the a/m letter.

2. The importance of maintaining sufficient stocks of sulphur in Italy to satisfy agricultural and industrial requirements is obvious and cognizance of this is taken in letter of C-5 Section, AFHQ, dated 17 October 1944 (Sulphur, Ref. S-13, P 1 "Our letter S-13 of 11 August advised that C.C.A.C. has directed: a. Local requirements are to receive first consideration".)

3. This Sub-Commission is charged with the responsibility of reactivation and production in several industries dependent upon sulphur for operation, namely:

a) Sulphur Bisulphide. The importance of carbon bisulphide to the Italian economy is evident for it is used: to fumigate grain prior to storage; to extract olive oil which in turn is a main component of the diet of the Italian people and in the manufacture of soap; to manufacture fabrics; to export to France and to Balkan countries if a surplus becomes available

b) Rubber (in the manufacture of which sulphur is essential) Approximately one half the normal pre-war number of highway trucks are available in Liberated Italy. However, one quarter of these are immobilized for lack of tires and tubes. Hence, through lack of adequate transportation a number of industrial activities essential to a

4142

maintenance of a minimum standard of life in Liberated Italy, are fast coming to a standstill. A tire program both for manufacture and repair has been set up by this Sub-Commission. This program will be ready to start early in 1945, but cannot do so without substantial quantities of sulphur. Production of other items such as rubber soles, heels, automobile accessories is also dependent upon the supply of sulphur.

c) Electrolyte. For want of electrolyte (battery acid) some hundreds of lorries were immobilized during the Italian campaign. It is essential that the production of electrolyte be maintained for both military and civilian use. Battery acid can only be manufactured from sulphur.

d) Sulphites. These compounds are used in smaller quantities in numerous activities such as photography and the preservation of foods.

e) Pharmaceuticals. It is evident that this is a "front line" industry in both prevention and cure of disease.

f) Superphosphates. (dependent on sulphuric acid). Voluminous correspondence has been written on the necessity of superphosphate in the agricultural fertilizer program and therefore no amplification is given here, save that with greatly restricted stable average available, restricted shipping space for importation of feed, and the land in great need of fertilizer the necessity is obvious.

4. A study is now being made jointly by Agriculture, Transportation and Industry Sub-Commissions on the entire sulphur situation. This study will balance the factors of sulphur availabilities, indigenous uses, and transportation. And at such time as the study is completed, surplus for export can be announced without jeopardy to the Italian economy.

5. This Sub-Commission realizes that bottlenecks are in short supply and there are important demands for sulphur in the Mediterranean. However, it is our considered opinion that to meet these demands from Italy and then to meet Italy's demands from the U.S. is not a sound policy because Italy's requirements are immediate in order to carry out the program of para 3. Agriculture U/S must likewise start the distribution of sulphur now in order to be ready by late spring.

6. It is therefore recommended that until the proposed study of para 4 is completed and considered no export commitments be made.

W.S. VAUGHAN,
Director,
Industry Sub-Commission.

1695
1
6-13
Tel. 323

JR/EP

Ref. AC/5631/IND

4 January 1945

SUBJECT : Sulphur movement.

TO : Transportation Sub-Commission. ✓

FROM : Industry Sub-Commission.

1. In accordance with our recent conversations (Major McClure - Major Rosenbaum) attached hereto is the estimated program of requirements for sulphur movements for industrial purposes during the year 1945.

2. The sulphur movements shown for the second semester of the year 1945 are subject to radical revision upward.

Copy to:-
Economic Section.

W.S. Vaughan
for W.S. VAUGHAN
Director,
Industry Sub-Commission.

Incls:-
as per para 1 above.

4140

INDUSTRIAL SULPHUR REQUIREMENTS 1945

MANUFACTURE CARBON BISULPHIDE

[illegible]

MANUFACTURE RUBBER

[illegible]

MANUFACTURE OF SULPHITES

[illegible]

MANUFACTURE PHARMACEUTICALS

[illegible]

MANUFACTURE SUPERPHOSPHATES

[illegible]

[illegible]

MANUFACTURE CARBON BISULPHIDE

[illegible]

MANUFACTURE RUBBER

[illegible]

MANUFACTURE OF SULPHITES

[illegible]

MANUFACTURE PHARMACEUTICALS

[illegible]

MANUFACTURE SUPERPHOSPHATES

[illegible]

MANUFACTURE SUPERPHOSPHATES

Campofranco - Caltanissetta	300	300	300	300	300	300	300	300	300	300	300
Tommaso Natale - Palermo	350	350	350	350	350	350	350	350	350	350	350
Milazzo - Messina	200	200	200	200	200	200	200	200	200	200	200
Bicocca - Catania	225	225	225	225	225	225	225	225	225	225	225
Licata - Caltanissetta		300	300	300	300	300	300	300	300	300	300

MANUFACTURE ELECTROLYTE

Montecatini - Portici	200	200	200	200	200	200	200	200	200	200	200
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MANUFACTURE SUGAR

Soc. Generale delle Conserve Alimentari Cirio - Capua						25	25	25	25		
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WOOL BLEACHING

Tuscany	6	6	6	6	6	6	9	9	9	9	9
Veneto - Piemonte							25	25	25	25	25

MATCH INDUSTRY

Jesi (Ancona)	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
Fuscochio - Unione Rosselli - Magli Dolfi (Firenze)	12	12	12	12	12	12	12	12	12	12	12
De Nigris - Fabiani Fucci - Marsiglia (Napoli)	2	2	2	2	2	2	2	2	2	2	2
Gerace - Faraci (Palermo)	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Asti (Torino) Casale (Alessandria)	—	—	—	—	—	—	22	22	22	22	22
Magenta (Milano)	—	—	—	—	—	—	43	43	43	43	43
Este (Padova)	—	—	—	—	—	—	16	16	16	16	16
Unione (Udine)							24	24	24	24	24

No. 785021

MANUFACTURE SUPERPHOSPHATES

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION
MINING DIVISION

File Copy

OSK
AFR/cc. *4*

Tel: 559

23 December 1944.

Ref: Mines-926.3

SUBJECT: Marche-Romagna Sulphur Mines.

TO : Chief, Mining Division, Industry S/C, HQ. A.C.

1. Detailed reports have already been submitted on individual mines. The present report consolidated the main features and is not burdened with details of a technical nature.

2. The following mines are reviewed:

A. SOCIETA MONTECATINI

→ Cabernardi Mine - sheet 14, S.0737
Commune of Sassoferrato, Province of Ancona.

Perticara Mine - sheet 12, R.5880
Commune of Mercatino Marecchia, Prov. of Pesaro

Formignano Mine - sheet 12, R.5399
Commune of Ceseua, Province of Forl.

B. SOCIETA BOMBINI PARODI E DELFINO

Monte Pincio Mine, sheet 12, R.5687
Commune of Mercato Saraceno, Prov. of Forl.

The Monte Pincio Mine is in development stage but has a refinery. This refinery used to take a small quantity of sulphur from Perticara, it is intact except for its transformer.

- 2 -

State of the Mines.

Systematic demolition of all surface plant was carried out by the enemy. The various managements have been energetic in clearing up the mess and getting the plant in order to recommence operations on reduced scales. The principal difficulty is power. All power available is taken by the field army.

At Gabernerdi the need for power for ventilation and maintenance is urgent. Workings cannot be entered owing to the presence of sulphuretted hydrogen and marsh gas. Owing to the high sulphur content any falls of rock are frequently accompanied by spontaneous combustion, the mine is in a dangerous state. On the supply of 200 KW. the mine can be entered for inspection and only then can an estimate be made of the time required to bring the mine into production on a reduced scale, say 1,200 tons of fused sulphur per month with 500 KW.

The mine owns a power station at Serra San Quirico producing 200 KW. but the power has been diverted elsewhere. As a result the owners are in the unfortunate position of risking complete wreckage of their mine while their own power, which would safeguard it, is denied to them.

At Perticara, with 350 KW. a reduced production of 500 to 600 tons per month can be reached and after three months when repairs are effected to a hoist the production could be doubled. The mine can be entered for maintenance as ventilation is natural. It is unlikely that power will be available for a long time.

At Formisano Mine the water is rising in the shaft and power at the rate of 100 KW. will be needed for pumping. The mine has no power and it will be a serious problem to supply any. The mine will be flooded

- 3 -

in a little under six months. Pumping will take a period equal to that elapsing between 1~~st~~ October and the date of receiving power. Production will be 400 tons per month eventually but the supply of power for operations is not likely to be available for a long time.

Refineries of the Montecatini Company are located at Bellisio near Cabernardi and in Cesena. The former was demolished by the enemy and the latter damaged by bombardment. Some reconstruction has been possible and capacities will be 500 and 1,200 tons ground refined sulphur per month subject to availability of 250 Kg. of long flame coal or Ribolla type lignite per ton.

Power Requirements.

	Minimum for maintenance	Minimum <i>for</i> initial <i>for</i> operation
Cabernardi	200 K.W.	500 K.W.
Perticara	100 "	350 "
Formignano	100 "	250 "

Stocks.

<u>Fused Sulphur</u>	<u>Tons.</u>
Cabernardi Mine	10,500
Perticara Mine	5,900
Formignano Mine	2,300
Ready to ship	18,700
Add stocks of recovered sulphur at Bellisio Refinery which will again have to be refined, approx.	2,000
Add potential production ofovens now charged and producing	1,200
Potential total	21,900

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- 4 -

	<u>Tons.</u>
<u>Ground Fused Copper Treated Sulphur</u> Mercato Refinery of Bombrini Coy.	100
<u>Ground sulphur rock 33% S.</u> Cesena Refinery	400

Transportation.

Formerly the larger propositions had aerial ropeways to the railway stations. All normal communications have been interrupted.

To Cabernardi the only means of access is Serra San Quirico-Arcèvia-road junction S.122.310 - temporary track S.090.316 to S.080.322 - Cabernardi. A bridge now being rebuilt at S.080.310 will cut out the temporary track. It is practicable to transport only small tonnages on these minor roads.

To Perticara the access is from Sant'Arcangelo or Savignano via Borghi, R.6895, and Sogliano, R.6492. This road is in need of repair but after repair transport will be practicable. The roads through Mercatino Marecchia will be out of question for a long time.

To Formignano the road from Cesena is in good order.

Potential production.

The potential production and the time element are so closely linked with the difficult power position that no reliable estimates can yet be made.

A. F. RADCLIFFE,
Captain; R.E.

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C O P Y

HEADQUARTERS VENEZIA REGION
Allied Commission
AIO 394

30 November 1944

TO : Industry Sub-Commission,
Attn. Maj. Rosenbaum

SUBJECT : Sulphur.

FILE NO : RXII/ES/300.4

1. General.

Early in November Montecatini Sulphur Mines at Cabernardi, Prov. Ancona and Feticara, Prov. Pesaro, were visited at the request of S. Sup. O. 8th Army AMG. Verbal reports were given to 8th Army AMG and Industry Sub Commission regarding immediate requirements for essential maintenance of workings, availability of stocks of fused sulphur and possibilities of transporting it to adjacent railheads.

2. Investigation.

a) Under authority of Ind.Sub.Comm. letter AC/5573/ind, copy attached, contact was made with concerned Spec. Divs. of Abruzzi-Marche Region and with Prov. Commissioner and Prov. Sup. O. of Ancona and Pesaro provinces, also with HQ Emilia Region and Prov. HQ Forli provinces. Between 16th and 23rd Nov. Ing. VACCARI, Italo, group manager of the mines at Cabernardi, Feticara and Formignano, refineries at Bellissio and Cesena and foundry at Pesaro was taken to all the establishments and to Rome in the interest of reinstating the mines and arranging for use of some of the stocks.

b) At a meeting at Ind. Sub Comm. 22 Nov. attended by Lt. Col. Archibald, Maj. Rosenbaum and Capt. Radcliffe of AC and Ing. Raffo, Ing. Vaccari and Dr. Padovan of Montecatini Company, Ing. Raffo emphasized that stocks should be used to best advantage for all the essential uses of sulphur and not only for the manufacture of carbon bisulphide; also that it would be an unusual and very difficult task for them to accept responsibility for the sulphur while stockpiled at a railhead awaiting shipment. He agreed that the use of 1500 tons of sulphur from these Montecatini mines during the remainder of 1944 was reasonable.

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c) Under the present difficult conditions of transportation, handling and safeguarding sulphur in transit and in stockpile at railhead appears to be reasonable task for Consorzio Agrario. Consorzio Agrario, Ancona Province agrees to make arrangements at Serra S. Quirico upon receiving instructions from AC as to requirements and meeting of charges.

d) On 22nd Nov. bids were placed with Ind. Sub Comm. by Maj. Rosenbaum for movement of 20 t.p. a., 120 tons in each of weeks 4 to 10 of Dec., and 11 to 17 Dec. In anticipation of this or an earlier emergency bid, Capt. Brown of HQ Venezia Region had

21 - 23 Nov. with 8th Army AMG Supply Div. to have sulphur transported from Formignano to Rimini. By 26 Nov., 96 tons of sulphur was stored in C.I.I. Warehouse, Rimini.

3. Information re. Railheads, Routes etc.

a) Cabernardi:

Best railhead - Serra S. Quirico.

Best route - Staz. Serra S. Quirico to Arcevia through Avacelli, Vado, Proseano, thence to Rd Jc S. DONNINO 122320, to Rd Jc 107322 to Rd Jc 080299 to Catobaglia to Cabernardi. A route from 093321 to 093324 to 085330 to Catobaglia is now passable for light traffic but is not suitable for heavy loads. With the opening of a bridge at 079314, nearly completed and promised by commune of Sassoferrato on 27 Nov to be opened for traffic in 8 days time, the first named route should be passable for loads at any time provided sufficient maintenance personnel are employed. ARCEVIA commune deserves commendation for its initiative and energy in opening the route from ARCEVIA to SERRA S. QUIRICO. Fuel for manufacture of brick and lime is urgently required in the Arcevia, Cabernardi, Sassoferrato, vicinity.

b) Ferticera:

Best railhead - now Rimini later Savignano or Mercatino if narrow gauge railroad from Mercatino to Rimini is put in service.

Routes - Road from Ferticera through Sogliano to either Savignano, or Rd Jc about 7598 has no bridges of any description and given ordinary maintenance should be passable for loads at any time except possible periods of a few days at a time when it may become snowbound.

c) Formignano:

Road to Cesena from Formignano now open. On account of the short distance from Formignano to the refinery at Cesena it is advisable if possible to leave the stock at Formignano for use in the refinery.

d) Road Transport:

There appears to be no Road Transport available or likely to be available in Ancona or Pesaro provinces to haul the sulphur from Cabernardi. G.T. Coy. under control of 8th Army AMG has been made available to stockpile at Rimini and it is expected that at least the present bid commitments of 240 tons can be handled by

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4.

Recommendations:

a) That Ind. Sub Comm. AC prepare instructions to Consorzio Agrario re. responsibility for safety and handling of sulphur at Railheads and setting out arrangements for meeting expenses of same. The instructions to be sent to the Prov. Consorzio Agrario through the Prov. Sup. O. the province in which the railroad lies. Ancona for Staz. Serra S. Quirico and Forlì for Rimini.

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b) That an allocation of lignite be made to the Arcevia, Cabernardi and Sassoferrato Area for manufacture of brick and lime and that the lignite form a back load from Staz. Serra S. Quirico to the area. Under December weather and road conditions 2 turnarounds per day can hardly be made but the back load could be handled easily enough on a one day turn around. It is understood that Capt. Johnston CAO Fabriano has endeavoured to arrange transportation by truck from Spoleto to Sassoferrato vicinity for the same purpose.

c) That 15 trucks and required supervising staff be assigned the task of hauling sulphur from Cabernardi to meet railway bid requirements and build up a stockpile of at least 300 tons at Staz. Serra S. Quirico.

Lt. Col. S.W. Archibald, RCE
Industry Officer
Venezia Region.

Copies to:

- 2 - Industry Sub Comm.
- 1 - S. Sup. Of. 8th Army AMG
- 1 - Reg. Com. Abruzzi-Marche, Attn. Econ. & Sup.
- 1 - Prov. Com. Ancona-Pesaro Attn. Prov. Sup. O.
- 1 - Reg. Com. Emilia, Attn. Econ & Sup
- 1 - Prov. Com. Forlì, Attn. Prov. Sup. O.
- 1 - Files

C O P Y

HEADQUARTERS REGION VIII
ALLIED MILITARY GOVERNMENT
TOSCANA REGION

Ref. RVIII/78/12/50.

4 November 1944

SUBJECT : Sulphur, transportation of.

TO : Industry Sub-Commission, HQ AC
(Attn.: Maj. Meskrey)

1. Enclosed is a copy of letter DCCAO/14/7.4 dated 29 Oct. from Civil Affairs Section, H.Q. A.A.I. relating to a survey of the road from the Montecatini mine at CARRARADI to rail-head at PARIANO, Arezzo Province.

2. Through your good offices Lt. Col. Archibald Region Venezia, has also made survey of this road and alternatives and reports as follows:

a) The rail-head at FERRARIO is not in a position to handle this sulphur yet although improvements to the sidings are being made daily.
b) There is a better rail head at Stazione MONTICAROTTO-CASTELBELLINO.

c) There is a much better road to the rail-head in (b) via CARRARADI

CARRARADI

S. DONNINO

SERRA DE' GONTI

MOIE

MONTICAROTTO-CASTELBELLINO

3. Only one short Bailey Bridge was required on this route at SERRA DE' GONTI and Eight Army engineers have completed it just two days ago. This is essential for transportation of concrete from SASSOFERRATO to the army but there is no guarantee that when the army has satisfied its requirements the bridge will not be taken away. 201 Works Coy, RE erected the bridge.

4. Lt. Col. Archibald recommends that all available stocks of raw sulphur held at CARRARADI be transported with all speed and stock-piled at MONTICAROTTO-CASTELBELLINO station there to await rail-trucks as available for transportation to CHI SI-Siena Province.

5. The foregoing confirms the phone conversation MASARELLI/DRAKE and your news on para 4 is awaited.

4131

/s/ T. Drake

road from the Montebellino mine at CARBONARI to rail-head at FABRIANO, Ancona Province.

2. Through your good offices Lt. Col. Archibald Reagin Verneis, has also made survey of this road and alternatives and reports as follows:

a) The rail-head at FABRIANO is not in a position to handle this sulphur yet although improvements to the sidings are being made daily.

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c) There is a much better road to the rail-head in (b) via CARBONARI.

CARONARI.

3. DOMINIO

SERRA DE' CONTE

MOIE

MONTESANTO-CASSELBELLINO

3. Only one short Bailey Bridge was required on this route at SERRA DE' CONTE and Eight Army engineers have completed it just two days ago. This is essential for transportation of concrete from SASSOPUZZANO to the army but there is no guarantee that when the army has satisfied its requirements the bridge will not be taken away. 291 Works Coy, RM erected the bridge.

4. Lt. Col. Archibald recommends that all available stocks of raw sulphur held at CARBONARI be transported with all speed and stock-piled at MONTESANTO-CASSELBELLINO station there to await rail-trucks as available for transportation to Chiasso-Siena Province.

5. The foregoing confirms the prime conversation MASKREY/DRAKE and your news on para 4 is avoided.

4131

/s/ T. Drake
/t/ T. Drake

MAJOR R.A.
INDUSTRY & COMMERCE DIVISION

Copy to : Commerce Sub-Commission HQ AC

TD/ra
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C O P Y

HEADQUARTERS
ALLIED CONTROL COMMISSION
INDUSTRY SUB-COMMISSION
MINING DIVISION
APO 394

Tel: 559

Ref: Mines-926-2

12 October '44

SUBJECT: Sulphur - Italian Mainland and Perticara.

TO : Chief, Mining Division, Industry S/C

1. The writer attempted a trip to the Carbernardi mine, Ancona Province, and the Perticara mine, Pesaro Province on 9, 10 and 11 October, but was unable to reach these mines because of impassible roads. The situation is as follows:

*guy had
Access
to the
mine*

- a. Bailey Bridges in the area north of Fabriano on route 76 (Railroad point for Carbernardi), south of Fossombrone on route No. 3, and west of Senigallia on route No. 16 (See sheet 14, 1:200,000 Road Map of Italy) have been removed by the 8th Army.
- b. By passes are reported to be provided around the bridge sites, but in wet weather most of these are impassible to any motor transport because of both mud and high water in the streams.
- c. As a result the stock of sulphur at Carbernardi cannot be moved, or supplies brought in for operations until bridges are provided. The writer was informed at Fabriano that wet weather usually continues throughout the winter in this area.
- d. There are about 14 bridges out on the road between Fabriano and Carbernardi, via Sassoferrato.
- e. There are about 10 bridges out via an alternate route from Valtreara on route 16 through Sassoferrato to Carbernardi.

- f. The Provincial Commissioner, Ancona Province intends to push bridge reconstruction on route, see par. e., and promised to forward an estimate of the cement required for construction of permanent bridges to Mining Division, HQ, ACC.
- g. Availability of timber for temporary bridges is not known.
2. The Provincial Commissioner, Ancona Province states that electric power (500 KW) for Carbernardi will not be available for several months, minimum.
3. The writer was informed by AMG at Pesaro that the condition of the roads to the Perticara Mine is the same as the Carbernardi.

/s/ Frank N. Spencer, Jr.
FRANK N. SPENCER, Jr.
1st Lt., C.E.,
Mining Division.

FRH/ann

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HEADQUARTERS ALLIED COMMISSION
COMMISSION FOR THE RECONSTRUCTION
MATERIALS DIVISION
APO 394

8 November 1944

AC/5148/Commerce.

SUBJECT: Sulphur.

TO : Lt. Col. Group, Lowland Region, Planning Group
HQ. AC. Corporation Building.

1. Reference conversation between Lt. Col. F. J. Reiter and Lt. Col. Group, regarding possibility of withdrawing sulphur from the Montecini mine at Garbagnardi near Fabriano, province of Ancona.

2. Enroute to Anzi, Capt. Johnson at Fabriano was consulted with the following results:-

a. The bridge at Camoferate, between Garbagnardi and Fabriano is closed.

b. Stocks of sulphur cannot be placed in warehouse of Camoferate for storage in sizable quantities.

c. Railroads have been jammed with refugees so that assignment of wagons for sulphur transport is difficult. If priority is obtained for sulphur movement, cannot load more than one car per month due to inability to transport from mine to siding at Fabriano.

d. Siding at Anzi is impossible at present due to facility of truck haul with bridges impassable.

e. Road is open to Camoferate but only half loads can be moved to southern end of bridge which is located in center of Camoferate. Travel north is impossible.

f. It is expected to have this bridge repaired in three months, until which time removal of sulphur is impossible.

4128

F. M. REITER
Lt. Colonel
Commerce Sub-Commission.

Copy to:
Agriculture Sub-Commission.
Industry Sub-Commission.
Transportation Sub-Commission. ✓

4127

