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

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10000/109/991
(VOL. IV)

MONTHLY REPORTS, PUBLIC
OCT. 1945

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

785017

10000/109/991
(VOL. IV)

MONTHLY REPORTS, PUBLIC WORKS & UTILITIES
OCT. 1945

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HEADQUARTERS ALLIED COMMISSION

APR 54

Public Works and Utilities Sub-Commission

20 November 1945.

NOV 27 1945

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Public Works DivisionHighways and Bridges

Supplies of bitumen for the Ministry of Public Works continue to arrive from the United States and classification throughout Italy is proceeding satisfactorily. This bitumen is being distributed by Committee Italian Petroli, the Italian distributing agency for petroleum products.

Housing

Projects of "Case Popolari", nearly complete at the outbreak of the war, have been approved for completion in addition to the normal housing program. This has proven to be the fastest way of sheltering the refugees from standpoint of time involved for completion persons housed and cost, the work on these Case Popolari was more advisable than attempting to repair other habitations. The Housing Committees are functioning better and every encouragement has been given to them by the Provincial Commissioners who have taken a keen interest in the rehousing of the refugees in the active regions.

Forts

Work is continuing satisfactorily in Legnano, Olivinaucelle, Vallus and Ancones. New port projects have been approved for the Department of Liguria.

In Genoa 3 of the 4 dry docks can now be operated. A great amount of repairs still remain to be done, but this is being accomplished, a portion at a time, when each respective dock is dry. The list of ships for dry docking and repair is steadily increasing. Sweeping and salvage operations continue.

In Savona several contracts were let on the blackwater at the Savona Port. 15 projects in all were initiated during the month at a cost of 11,495,000 lire.

Work on repair to warehouses is underway.

Waterways

The projects approved for repairs to canals and lock gates which prevented certain waterways being used are well underway and it is hoped that by the end of the year these works will be completed, thus opening up more waterways for transport. There remains the large lock of Cavallotti d'Adda which forms the main link for craft going to and from the river to Colognola and Vesio, which was totally destroyed. The preliminary works of demolition are nearly completed and a project for the reconstruction has been approved. It is not expected that the reconstruction can be undertaken in less than 10 months. Every effort is being made to push ahead with the work in an endeavor to reach an earlier completion date.

General

Projects are still being processed and approved in active regions and will continue to be until the closing date is announced. Numerous unemployment projects have been approved including the first two sections of an extensive canal financed before the war.

The Genoa Office of the Ministry of Public Works presented a long term program of public works in the sum of 800,000,000 lire. The works proposed

Housing

Projects of "Case Popolare", nearly complete at the outbreak of the war, have been approved for completion in addition to the normal housing program. This has proven to be the fastest way of sheltering the refugees. From standpoint of time required for completion persons housed and cost, the work on these Case Popolari was more advisable than attempting to repair other habitations. The Housing Committees are functioning better and every encouragement has been given to them by the Provincial Commissioners who have taken a keen interest in the rehousing of the refugees in the active regions.

Ports

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Waterways

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General

Projects are still being processed and approved in active regions and will continue to be until the closing date is announced. Numerous unemployment projects have been approved including the first two sections of an extensive canal lined before the war.

The Genoa Office of the province of Milan has presented a long term program of public works to the sum of 500,000,000 lire. The works proposed

In this program a lot of immediate urgency but all desirable and are put forward at the present time with a view to relief of winter unemployment. The program has been approved in principle after consultation with the Italian Ministry of Public Works and some of the work is underway.

Trucks are being received by the Ministry of Public Works and are being sent to various districts throughout Italy. Distribution already effected is as follows: Genoa - 11, Milan - 18, Bologna - 2, Bari - 16, Florence - 16, Aquila - 12, Pescara - 12, Rome - 6, and Naples - 26.

Transportation difficulties continue due to shortage of petrol and tires.

ELECTRICITY DIVISION

Advisory Committee

Each of the five Regional Advisory Committees on Electric Power, Sicily, Sardinia, Southern, Central and Northern Italy is now operating under an acting chairman, who are members of the respective committees. The final arrangements of the Ministry of Public Works fixing the chairman and membership of the various committees.

Power allocations

The meeting of the Allied Forces Electric Power Committee AFEP (I) B, successor to the Electric Power Committee AFEP (I) B, was attended by representatives of this Sub-Commission.

No additional power was suggested for Southern Italy for the month of November. No change has been made since the July 1945 allocations were made.

The Capuano steam plant, at Naples, is still operating at a reduced output due to the necessary cut-off of fuel oil. The total output from the Capuano plant goes to supply the Naples area which according to this Sub-Commission survey, represents about 17% of the power supply in the Naples area.

For Central Italy the committee found it necessary, due to lack of rainfall, to make reductions in allocations for November.

The demand was reduced from 240,700 KW to 221,000 KW and the energy from 127.75 million KWH to 109.50 million KWH.

The power supply in North Italy is generally favourable, however, it is now necessary in view of the larger cities and will be necessary in others, to rationalize rationing and control programs in order to insure equitable distribution of the supply.

The power supply situation for the whole of Italy has been placed before the Ministry of Public Works and this Sub-Commission is coordinating with the Ministry on the establishment of a Central Governmental Commission for the control of power.

Transmission lines connecting Central Italy to Southern Italy

The Pescara to Ancona and the Ancona to Roma 150,000 Volt transmission lines were completed as of 31 Oct 45. The section of line between Teramo and Pescara is yet to be finished. When this section is completed power will be able to flow from Central Italy to the Roma-Bari area in eastern Southern Italy.

The section of 150,000 volt line between Ancona and Naples is completed. The transformer for the Naples end of the line, however, will not be ready until December 1945. This will permit power flow to the Naples area from Central Italy.

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Transport

During the month the Ministry of Public Works completed its survey of motor transport needs of the Electric Utility Companies. The request for transport has been submitted through Transportation S/C. to the Ministry of Transportation with the endorsement of this Sub-Commission. The survey and request is based upon the procurement of excess army equipment being made available for the Italian Government.

PUBLIC WORKS DIVISION

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1. Highways and Bridges

Supplies of bitumen for the Ministry of Public Works continue to arrive from the United States and distribution throughout Italy is proceeding satisfactorily. This bitumen is being distributed by Conitato Italiano Petroli, the Italian distributing agency for petroleum products.

Work on highways has progressed better than expected because of the continued good weather. With the advent of the rainy season it is expected that highway and bridge work will be slowed down considerably.

2. Housing

Projects of "Case Popolari", nearly complete at the outbreak of the war, have been approved for completion in addition to the normal housing program. This has proven to be the fastest way of sheltering the homeless.

The Housing Committees are functioning better and every encouragement has been given to them. The Provincial Commissioners who have taken a keen interest in the rehoming of the homeless in the active regions.

Progress on building repairs is noticeable throughout Italy, particularly in the work considered by Public Works and privately initiated repairs. Identification for brick and cement plants.

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Progress on building repairs is noticeable throughout Italy. Projects approved by Public Works and privately initiated repairs, handicapped by the lack of materials especially timber and coal for brick and cement plants.

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3. Forts

Work is continuing satisfactorily in Leghorn, Civitavecchia, Naples and Ancona. New fort projects have been approved for the Comitatment of Livorno.

In Genoa 3 of the 4 dry docks can now be operated. A great amount of repairs still remain to be done, but this is being accomplished a portion at a time when each respective dock is dry. The list of ships for dry docking and repair is steadily increasing. Sweeping and salvage operations continue.

In Savona several contracts were let on the breakwater at the Lavagna Fort. 15 projects in all were initiated during the month at a cost of 11,495,000 Lira.

In La Spezia work is progressing satisfactorily.

Steady improvement is apparent on warehouse storage space due to repairs underway.

4. Waterways

The projects approved for repairs to canals and lock gates which prevented certain waterways being used as well highways and it is hoped that

by the end of the year these works will be completed, thus opening up more waterways for transport. There remains the large lock of Cavanelis di Lige which forms the main link for craft going to and from the River Po to Chioggia and Venice, which was totally destroyed. The preliminary works of demolition are nearly completed and a project for the reconstruction has been approved. It is not expected that the reconstruction can be undertaken in less than 10 months. Every effort is being made to push ahead with the work in an endeavour to reach an earlier completion date.

5. General

Projects are still being processed and approved in active regions and will continue to be until the closing date is announced. Numerous unemployed projects have been approved including the first two sections of an extensive canal planned before the war.

The Conte Civile of the province of Milan has presented a long term program of public works in the sum of 800,000,000 lire. The works proposed in this program are not of immediate urgency but are all desirable and are put forward at the present time with a view to relief of winter unemployment. The program has been approved in principle after consultation with the Italian Ministry of Public Works and some of the work is underway.

Trucks are being received by the Ministry of Public Works and are being satisfactorily distributed throughout Italy. Distribution already effected is as follows:- Genoa - 11, Milan - 18, Bologna - 2, Bari - 16, Florence - 18, Aquila - 12, Potenza - 10, Rome - 6, and Naples - 28.

Transportation difficulties continue due to shortage of petrol and tires.

A sizeable amount of work was initiated during the month on sewers, water lines, aqueducts, flood control, sea walls, etc.

6. Attached are tables showing present status of work projects:-

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18,000 lire.

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PUBLIC WORKS PROJECTS IN OCTOBER

	Initiated during month	C O S T (lire)	Completed during month	C O S T (lire)	In progress during month
TABLE "A" Schemes of Military Priority					
Ports	18	142,855,000	11	10,590,000	124
Bridges	4	40,900,000	7	15,000,000	44
TOTAL	22	183,755,000	24	25,590,000	168
TABLE "B" Schemes other than of Military Priority (out for which approval of AC/ALC was required)					
Ports	44	186,835,300	27	15,085,837	275
Bridges & Retaining Walls	40	11,087,706	19	7,597,000	234
Public Buildings	133	77,400,344	50	18,735,500	479
Schools	67	122,087,546	8	1,158,937	192
Rails Removal & Miscell.	22	30,375,067	10	27,236,742	195
Water duct, Sewers	71	168,002,853	60	13,718,533	233
Hydraulic Works	10	30,038,700	16	20,043,200	223
Maritime Works	26	62,504,625	18	33,067,559	107
Housing	21	10,215,798	4	1,824,600	85
Sanitation	16	32,716,000	7	5,040,280	47
TOTAL	423	702,267,909	242	166,912,188	2,150
TABLE "C" Schemes handled independently by Italian Agencies					
Ports	-	-	17	2,462,000	216
Bridges	-	-	-	-	-
Public Buildings	47	5,238,132	36	6,512,212	372
Rails Removal	-	-	18	2,104,775	54
Water Works, Sewers	31	1,800,315	154	23,263,273	227
Housing	-	-	4	615,124	5
Ports	-	-	1	73,000	15
Sanitation	1	196,000	7	719,000	50
TOTAL	79	10,235,647	257	35,979,384	769
GRAND TOTAL	554	896,355,356	527	228,481,572	3,267

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The above figures do not include the amount of...

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ITALIC WORKS PROJECTS IN COLOMBIA

	Initiated during Month	C O S T (Lire)	Completed during Month	C O S T (Lire)	In progress during Month	C O S T (Lire)
Schemes of Military Priority						
	18	142,855,000	14	10,590,000	124	439,758,400
	4	40,900,000	7	15,500,000	44	150,693,110
	22	183,755,000	21	25,590,000	168	590,451,510
Schemes other than of Military Priority (but for which approval of AC/ALC was required)						
	44	186,835,300	27	15,485,837	275	836,689,830
	40	11,087,706	12	7,597,000	234	271,076,504
	133	77,400,314	50	10,739,500	479	316,213,352
	37	122,087,316	8	1,158,937	192	347,746,209
Miscell.	22	30,375,067	10	21,236,742	195	220,589,033
	74	109,002,853	60	13,718,533	235	211,864,333
	10	30,038,700	16	20,043,200	223	425,075,112
	26	62,504,625	18	33,967,539	107	224,799,972
	21	10,219,796	4	1,821,600	85	49,077,580
	16	32,716,000	7	5,040,280	107	134,908,457
	153	702,267,909	249	166,932,188	2,150	3,069,154,589
Schemes handled independently by Italian agencies						
	-	-	17	2,062,000	216	38,713,658
	-	-	-	-	-	-
	47	5,139,132	56	6,512,212	372	50,561,631
	-	-	18	2,101,775	54	7,996,164
ra	31	4,800,615	154	23,263,273	227	31,466,953
	-	-	1	645,124	5	826,115
	-	-	1	73,000	15	1,795,770
	1	196,000	7	719,000	50	6,111,442
	79	10,555,017	257	35,879,381	969	137,471,833
	550	896,358,550	527	228,481,572	3,267	3,797,077,932

The above figures do not include Piccola Island.

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PUBLIC WORKS PROJECTS IN ITALIAN GOVERNMENT TERRITORY FOR THE MONTH OF OCTOBER 1945

TYPE OF PROJECTS	Works Initiated during month	C O S T (lire)	works completed during month	C O S T (lire)	works in progress during month
TABLE "A" SCHEDULE OF ACTIVITIES PRIORITY					
Roads	43	16,643,515	51	13,133,102	179
Bridges	4	14,213,000	16	6,521,620	66
TOTAL "A"	47	17,856,515	67	19,654,722	245
TABLE "B" CIVILIAN WORKS					
Roads	240	422,580,525	110	151,796,638	1,092
Bridges	138	279,163,529	88	81,133,149	447
Public Buildings	175	212,720,425	132	79,994,653	571
Schools	89	51,613,837	93	35,026,346	311
Churches & Charitable Inst.	70	30,778,187	62	22,076,916	334
Louis Removal, etc.	166	131,394,375	229	125,904,199	525
Aqueducts & Sewers	47	62,911,993	62	35,612,306	295
Hydraulic Works	36	22,567,601	36	25,301,941	147
Maritime Works	49	80,290,086	41	30,531,185	163
Housing Repairs	1,994	506,909,576	1,070	188,173,130	3,564
Egnifica	39	69,374,189	53	62,982,095	268
TOTAL "B"	3,043	1,916,645,420	2,006	817,746,941	7,917
GRAND TOTAL (A+B)	3,090	2,034,501,935	2,073	1,017,401,663	8,162

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RADIO WORKS PROJECTS IN ITALIAN GOVERNMENT TERRITORY FOR THE MONTH OF OCTOBER, 1945

PROJECTS	Works initiated during month	C O S T (lire)	works completed during month	C O S T (lire)	works in progress during month	C O S T (lire)
SCHEDULE OF INITIAL LIABILITY						
	43	16,645,515	51	13,135,102	179	694,675,959
	4	14,213,900	16	6,521,620	66	290,621,850
	47	172,836,315	67	200,640,722	245	985,297,809
CIVILIAN WORKS						
	240	1,22,580,925	140	154,794,938	1,092	3,249,286,673
	125	279,363,923	88	51,133,449	617	1,305,731,916
	175	212,720,125	132	79,991,653	571	740,485,786
	82	54,613,837	93	35,020,946	311	278,211,649
ble inst.	70	50,778,187	62	22,076,510	334	321,623,800
c.	166	154,394,975	229	123,904,199	525	365,641,667
	47	62,911,990	62	35,812,396	295	322,391,781
	36	22,307,661	76	25,301,944	147	648,562,967
	42	80,230,086	41	30,531,188	163	300,699,251
	1,994	566,909,576	1,070	188,193,130	3,564	1,818,541,618
	39	69,374,489	53	62,982,095	268	447,961,807
	3,213	1,716,645,420	2,006	887,746,941	7,917	7,936,330,017
g B)	3,090	2,006,501,935	2,073	1,048,407,663	8,162	8,917,63,826

TOTAL

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Table 1. SUMMARY OF PROJECTS OF HISTORIC IMPORTANCE

Provinces of: Abruzzo - Ancona - Arezzo - Ascoli Piceno - Avellino - Bari - Benevento - Bolzano - Cagliari - Calabria - Campania - Caserta - Catania - Cosenza - Cremona - Enna - Firenze - Foggia - Forlì - Franchina - Grosseto - L'Aquila - Latina - Lecce - Livorno - Lucca - Macerata - Matera - Messina - Napoli - Nuoro - Palermo - Perugia - Pescara - Pesece - Pisa - Pistoia - Potenza - Ragusa - Ravenna - Reggio Calabria - Reggio Emilia - Roma - Salerno - Sassari - Siena - Siracusa - Taranto - Teramo - Terni - Torino - Treviso - Venezia - Viterbo -

THIS TABLE COVERS THE MONTH OF JANUARY 1955

1	2	3	4	5	6
Started before Sept.	Started during Sept.	Total Col. 1 & 2	Approx. Cost (In thousand lire)	Completed by 31 Sep 1955	Balance underway 31 Sep 1955
15,953	2,630	18,583	518,947	11,501	6,782
22,167	3,503	25,670	1,520,047	7,345	8,325
4,374	1,998	6,372	1,361,541	1,394	4,378
940	27	1,057	349,305	426	611
106	21	217	366,119	60	157
53,630	8,249	41,879	4,345,959	21,626	20,253
7,823	234	8,027	160,734	7,015	1,032
3,392	166	3,558	285,662	2,133	1,425
1,205	91	1,294	260,459	685	609
611	33	704	365,189	259	445
157	56	213	805,413	50	163
15,176	640	15,816	4,870,717	10,142	3,674
46,806	8,889	55,695	6,221,676	34,768	29,927
TOTAL					4508
GRAND TOTAL					4508

COMMITTEE COORDINATES

Preceding total	Total this month	New total

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1	2	3	4	5	6
Started before Sept.	Started during Sept.	Total Col. 1 & 2	Approved Cost (in thousands lire)	Completed by 31 Sep 1953	Balance underway 31 Sep 53
<u>Projects done by the owners:</u>					
up to 50,000 lire	13,953	18,585	548,947	11,501	6,782
from 50,000 to 150,000 lire	12,167	15,170	1,220,047	7,345	8,325
from 150,000 to 300,000 lire	4,374	6,372	1,361,501	1,394	4,378
from 300,000 to 1,000,000 lire	940	1,937	529,305	426	611
over 1,000,000 L.	196	227	366,119	60	187
TOTAL	33,650	41,879	4,345,959	21,626	20,253
<u>Projects done by Genio Civile:</u>					
up to 50,000 lire	7,813	8,047	160,794	7,015	1,032
from 50,000 to 150,000 lire	9,392	3,258	285,662	2,133	1,425
from 150,000 to 300,000 lire	1,203	1,294	260,459	655	609
from 300,000 to 1,000,000 lire	611	744	363,159	259	445
over 1,000,000 L.	157	223	805,613	50	163
TOTAL	13,176	13,368	1,875,717	10,112	3,674
GRAND TOTAL	46,826	55,247	6,221,676	31,738	23,927

COMUNE COMMITTEES

4508

Preceding total	Total this month	New total
622	142	764
132	12	144
58	5	63

Working Committees
Advisory Committees
Committees as yet requiring Committees

ELECTRICITY DIVISION

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Section	Page
1. Transport	5
2. Advisory Committees	6
3. Power allocations	8
4. Transmission lines connecting Central to Southern Italy	2

1. Transport

During the month the requests of the Power Companies for transport equipment were consolidated into final form and submitted through transportation Sub-Commission, A.C. to the Ministry of Transportation. The request is being made by the Ministry of Public Works on behalf of the Power Companies.

The purpose of the request is to secure for the Power Companies some of the surplus vehicles being made available by the Military forces to the Italian Government as direct aid to the civilian economy.

2. Advisory Committees

Regular monthly meetings of the Advisory Committees on Electric Power were held under the direction of acting chairmen in Sicily, Sardinia, Southern, Central and Northern Italy. Matters pertaining to frequency, power interchange, electric power availability and rationing, rehabilitation supplies and transportation comprised the principle orders of business. The discussions centered on ways and means of the best methods of meeting the problems arising in the above mentioned categories.

The decree, being prepared by the Italian Government fixing membership and the responsibilities of the Advisory Committees, is still in the process of formulation. The need for further action on this matter has been called to the attention of the Ministry of Public Works on several occasions.

3. Power allocations

Representatives of this Sub-Commission attended the monthly meeting of the Allied Forces Electric Power Committee A.F.L.P.(I) B. held on 27 Oct 45. This Committee is the successor to the Electric Power Committee of the A.F.L.P.(I) E.

The unusual lack of Fall rains is seriously affecting the electric power production in Southern and Central Italy. This year's drought conditions are generally considered by the Utility Companies to be the driest they have experienced in the past 20 years and the resultant effect on electric power output is readily understandable.

For southern Italy the situation remained critical and no additional allocations could be made for November. No change has been made in Southern Italy allocations since July 1945. The amounts remaining at 155,000 kwh demand and 80,000,000 kwh.

Due to the necessary curtailment of fuel oil the thermal plants at Naples have been forced to operate at a reduced capacity. A study by this

1898

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Advisory Committee	8
Power Allocations	6
Transportation lines connecting Central to Southern Italy	9

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Due to the necessary curtailment of fuel oil the thermal plants at Naples have been forced to operate at a reduced schedule. A study by this Sub-Commission shows that these have been providing 17.4% of the electric energy and 25.2% of the demand furnished in the Naples area. These plants

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are only operated during the day and peak periods.

In order to help out the situation in the Naples area plans were set in motion to move a 10,000 KVA 130,000 to 60,000 volt transformer from Ferrolito to the substation at Tuscolano. This move will relieve some of the overload on the present substation serving the Naples area from the South and will require about two months to complete.

In Central Italy the main deficiency required that November allocations be reduced below October. The demand was reduced from 210,700 KW to 221,000 KW and the energy from 129,050,000 KWH to 109,500,000 KWH. The power supply situation in Northern Italy remained generally favorable.

In some of the larger cities, however, it has been necessary to initiate control measures to hold down energy consumption and peak loads. During the month the first coal was being received by the gas plants which will permit warming up operations to be started.

The heating up requires a month to six weeks to accomplish.

Therefore the relief on electric distribution systems resulting from gas for domestic services will not be felt until the latter part of November or early December.

4. Transmission lines connecting Central Italy to Southern Italy

Progress on the repair of these lines was reported during October. As of the end of the month the section of 130,000 volt line between Pescara and Arci and Arci to Foggia was finished. Work continued on the section between Foggia and Pescara. The completion of the latter section will permit a flow of power to the Reggio-Bari area and thereby relieve the load on Southern Italy, when the additional generating capacity now being repaired in Central Italy is ready to produce power.

The section of 130,000 volt line between Arci and Naples has been repaired but cannot be utilized until the transformer on the Naples end is ready. This is still scheduled for the latter part of December, during unforeseen contingencies and delays. This will permit the flow of power from Central Italy to the Naples area and provide a second source for that area in the event of a substation failure at Tuscolano.

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REGIONAL REPORTS

ITALY

Reports submitted by the Regional Engineers are briefly summarized in the following pages:-

<u>Region</u>	<u>Page</u>
Liguria	10
Piemonte	11
Lombardia	12
Venezia	13

The number, cost and status of all projects in the several regions are included in the Summary Tables on pages: 5, 6, 7.

ITALY - (Regional Engineer: Lt-Col. F.M.I. LEE R.E.)

General

Unemployment during the month has been given the prime consideration and many worthy projects, not only from the stand point of unemployment, have also been of great value to the community and public in general.

Public Works

Very little change has taken place in the Public Works Division. The bulk of the work has been Public Buildings, and debris removal, however a sizeable amount of work was initiated during the month on sewers, water lines, aqueducts, flood-control, etc. In general, projects in progress have been many but of small expenditure.

Highways and Bridges

As shown in the statistical report the volume of work in this division has been large. Satisfactory progress is being made on construction.

There has been no lack of material, but transportation still remains the big problem. The operation of the R.F. (Northwest) has helped and Genio Civile uses the low trucks at their disposal to the best advantage.

At the present time shipment of material, especially cement by sea to the different ports, is under study. Small boats and barges are available.

More requests have been made for the use of "bridges" to keep isolated districts open this winter. Army unit has already erected 4 in such locations on State roads.

Notes

General

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Region	Page
Algeria	10
Benin	11
Cameroon	12
Venezuela	13

The number, cost and status of all projects in the several regions are included in the Summary Tables on pages 5, 6, 7.

ALGERIA - (Regional Engineer: Lt-Col. F.O.L. ILL R.E.)

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More requests have been made for the use of "railways" to keep isolated districts open this winter. Army Unit has already erected 4 in such locations on State roads.

Ports

General

Port work in general continues satisfactorily. Progress is being made at all ports. Many projects were bid during the month, and contractors

4504

now at work. Steady improvement on warehouse storage space is noted.

Genova

Three of the four dry docks are now in operation. A great amount of repairs still remain to be done, but this is being accomplished a portion at a time when each respective dock is dry. The list of ships for dry docking and repair is steadily increasing. Sweeping and salvage operations continue.

Work on repair to the large Chamber of Commerce warehouse has now commenced. The last creek in the breakwater is under reconstruction.

Savona

Several contracts were let on the breakwater at the Savona Fort. 15 projects in all were initiated during the month at a cost of 11,495,000 L.

La Spezia

Work at La Spezia is moving satisfactorily. Two new projects were initiated.

Housing

Reports indicate that Genio Civile is continuing satisfactory work in this Division. An average of 50 new projects per day have been submitted by the various committees of the Region.

Construction and completion of the work undertaken has however lagged. Genio Civile have been requested to accelerate their activity in this Department.

Electricity

During the last of the month electric current was curtailed, but the recent heavy rains has solved that problem. Much damage to power and communication lines occurred during recent rains.

Gas Works

Conference with Gas Officials revealed that on the 15 of Nov, gas would be available for 2 hours daily in Genoa city and certain smaller area in the immediate vicinity. Coal has been allocated but up to the present no gas has been received except for warming up plant.

Personnel - (National Engineer, Lt-Col. J. S. Bennett)

Public Works

Repairs being made to buildings are increasing. In addition to the projects that are coming to this office, there are hundreds of individuals making repairs on their own. Lack of material is handicapping this work considerably.

Roadways and Bridges

The work in this section has been progressing unusually well. The weather has been very favourable which has permitted good progress in all outdoor work. There has been some delay in the progress of the work.

1904

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Work on repairs to the large Chamber of Commerce warehouse has now commenced. The last work in the warehouse is under reconstruction.

Sevens

Several contracts were let on the breakwater at the Sevens Fort. 15 projects in all were initiated during the month at a cost of 11,495,000 L.

in Sevens

Work at L. Sevens is moving satisfactorily. Two new projects were initiated.

Housing

Reports indicate that Genio Civile is continuing satisfactory work in this Division. An average of 50 new projects per day have been submitted by the various committees of the region.

Construction and completion of the work undertaken has however lagged. Genio Civile have been requested to accelerate their activity in this department.

Electricity

During the last of the month electric current was curtailed, but the recent heavy rains has solved that problem. Much damage to power and communication lines occurred during recent rains.

Gas Works

Conference with the officials revealed that on the 15 of Nov. Gas would be available for 2 hours daily in Genoa city and certain smaller area in the immediate vicinity. Coal has been allotted but up to the present means has been resorted to except for working up plant.

PERSONNEL - (Regional Engineer, Mr. Col. J. S. BOWEN)

REPAIRS

Repairs being made to buildings are increasing. In addition to the projects that are owing to this office, there are hundreds of individuals making repairs on their own. Lack of material is handicapping this work considerably.

Highways and Bridges

The work in this section has been progressing unusually well. The weather has been very favourable which has permitted good progress on all outdoor projects. There has been some difficulty in getting cement from the factories.

4503

Electricity

Practically all of the power plants and major power lines that were damaged are again in operation. When are repaired on a temporary basis until materials can be obtained to make them repairs permanent. The general power conditions in this region are good and there is no shortage of electricity. Trouble is increasing, however, there is no gas available for the thousands of people who are seeking aid in times with electricity. This condition will get worse as the weather gets colder until coal is available for the manufacture of gas.

Gas

Manufacturing of gases at gas works has been started and some gas is available for special manufacturing operations.

ROMA, 1944 - (Regional Engineer, Major A. G. IVANE R.E.)

General

The Genio Civile of the province of Milan has presented a long term program of public works in the sum of 600,000,000 lire. The works proposed in this program are not of immediate urgency but are all desirable and are put forward at the present time with a view to relief of winter unemployment. The program has been approved in principle after consultation with Italian Ministry of Public Works and definite projects have been called for by this Ministry. Other provincial Genio Civile of the Region have been asked to submit similar programs.

Military Programs

Several roads within the confines of Milan City have been declared of military interest and work has been initiated.

Other Programs

It is hoped that a certain amount of bitumen may be available in the near future so that more attention may be given to important non-military highways.

Public Works

The improvement in the placing of contracts and commencement of works has been initiated.

Electricity

A deficiency of rainfall in Northern Italy during the month of September and October has reduced the water in storage in the reservoirs which supply the hydro-electric generating plants. Due to shortage of water for the hydro-electric plants the electric companies of Lombardy have proposed a plan for reducing electric power consumption. If this plan is put into operation it will affect all consumers of electric service except water supply systems, hospitals and tramways.

Gas

Gas has been allotted to the Milano Gas Plant for the month of October. The Milano Gas Plant is being promoted and it is anticipated that gas will be distributed.

1302

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1903

Gas

Installation of valves at gas works has been started and some gas is available for special manufacturing operations.

ROBAPPA - (National Engineer: Major A. G. Wills R.E.)

General

The Genio Civile of the Province of Milan has presented a long term programme of public works in the sum of 800,000,000 lire. The works included in this programme are not of immediate necessity but are all desirable and are put forward at the present time with a view to relief of winter unemployment. The programme has been approved in principle after consultation with Italian Ministry of Public Works and definite projects have been called for by this Ministry. Other provincial Genio Civile of the Region have been asked to submit similar programmes.

Military Highways

Covered roads within the outlines of Milan City have been declared of military interest and work has been initiated.

Other Highways

It is hoped that a certain amount of bitumen may be available in the near future so that some attention may be given to important non-military highways.

Public Works

The improvement in the pricing of contracts and commencement of work has been maintained.

Electricity

A deficiency of rainfall in Northern Italy during the month of September and October has reduced the water in storage in the reservoirs which supply the hydro-electric generating plants. As to shortage of water for the hydro-electric plants the electric companies of Lombardy have proposed a plan for reducing electric power consumption. If this plan is put into operation it will affect all consumers of electric service except water supply systems, hospitals and tramways.

Gas

Gas has been allotted to the Milan Gas Plant for the month of October. The Milan Gas Plant is being presented and it is anticipated that gas will be distributed for the hours for day about 15 November 1945.

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1906

Coal has also been allotted to the gas plants in the other larger cities in Lombardy Region and it is anticipated that these gas plants will begin distribution of gas during the latter part of November.

General

Deficiency of rainfall will cause enforced reduction in consumption of electric power due to the unsatisfactory condition of the storage reservoirs which serve the hydro-electric plants in Northern Italy.

Mr. L. E. B. - (Regional Engineer: L. for W. M. H. H. A. C.)

General

Projects of an urgent character were processed and sent to Rome for approval. Within the Division preparations have been made for closing down the office preparatory for heading over. Arrangements have been made with the Administrative Office to handle all future projects after the end of October; any that are of an urgent nature will be submitted to this Division for approval and financing, as long as the Region is operating. In the middle of the month, a conference was held at the office of the Registrato alla Acque at which all the Gen. Civile were in attendance. The Gen. Civile gave a report of the activities in their respective provinces; they all agreed that the most urgent and necessary works had been presented and approved and that there was sufficient work for the unemployed for the next 5/6 months; other works required to be done which were of less urgency, could wait to be routed through the Public Channels to the Ministry of Public Works. Three Gen. Civile were not further projects to submit which they indicated were their final works of an urgent nature, were instructed to present them by a given date in order that they could be forwarded to Rome for approval.

Public Works

During the month past projects have been approved for the repairs to schools, in addition, projects have been approved for public jail, and improving public buildings. Works on these already approved is proceeding satisfactorily, the necessary materials are being made easily available.

Highways and Bridges

All work on the military routes are proceeding satisfactorily and the programme for new clearance tied up with the Army. A letter of appreciation for the work done by this Division was received from the Corps Commander 13 Corps.

A number of contracts have been let for bridge construction on State Provincial and Communal Roads; temporary projects to serve for the winter have been commenced until the permanent reconstruction can start next spring.

Applications have been received from the provinces for Bailey bridges, in quantities which may be in danger of being cut off this coming winter; these applications have been forwarded to the Army authority in whose area these bridges are.

Housing

The housing committees are functioning better and every encouragement has been given to them by the Provincial Commissioners who have taken a keen interest in the rehousing of the homeless. An inspection was made of the town of Chivasso, where there were 2,000 homeless and it was decided to erect fifteen more houses.

1504

MEMORANDUM - (Regional Engineer, 4 for 5. MICH 1.0.0.)

General

Projects of an urgent character were processed and sent to Rome for approval. Within the division preparations have been made for closing down and filing papers for mandating over. Arrangements have been made with the Legislative Commission to handle all future projects after the end of October; any that are of an urgent nature will be submitted to this Division for approval and financing, as long as the Division is operating. In the middle of the month, a conference was held at the office of the Registrar to discuss at which all the Genic Civile were in attendance. The Genic Civile gave a report of the activities in their respective provinces; they all agreed that the most urgent and necessary works had been presented and approved and that there was sufficient work for the unemployed for the next 3/6 months; other works required to be done which were of local urgency, could wait to be routed through the Italian Channels to the Ministry of Public Works. Three Genic Civile who had further projects to submit when they initiated their final works of an urgent nature, were instructed to present them by a given date in order that they could be forwarded to Rome for approval.

Public Works

During the month many projects have been approved for the repairs to schools, in addition, projects have been approved for public jail and inspection public buildings. Works on these already approved is proceeding satisfactorily, if the necessary materials now being made easily available.

Highways and Bridges

All work on the military routes are proceeding satisfactorily and the programme for snow clearance tied up with the Army. A letter of appreciation for the work done by this Division was received from the Corps Commander 15 Corps.

A number of contracts have been let for bridge construction on State Provincial and Communal Roads; temporary projects to serve for the winter have been commenced until the permanent reconstruction can start next spring.

Applications have been received from the provinces for Bailey bridges, in quantities which may be in danger of being cut off this coming winter; these applications have been forwarded to the Army Authority in whose area these bridges are.

Housing

The housing difficulties are continuing better and every encouragement has been given to them by the Provincial Commissioners who have taken a keen interest in the rehousing of the refugees. An inspection was made of the town of Chivasso, where there were 2,000 homeless and it was decided to erect fifteen "Case Popolari"; the project for these was presented to Rome and approved. The approval of this project has had a wonderful effect upon the people of Chivasso who have expressed their gratitude through the Mayor.

785017

1908

water

The project appears to be normal. Act. is projects to repair war damage in the building satisfactorily.

waterways

The projects approved for repairs to canals and lock gates which prevented certain waterways being open. The well under way and it is hoped that by the end of the year these works will be completed, thus opening up the waterways for transport. There remains the large lock of Cavendish which will form the main link for craft going to and from the river to the Chicago and Venice. This has been totally destroyed. The preliminary works of excavation are nearly completed and a project for the reconstruction has been approved. It is not expected that the reconstruction can be undertaken in less than 10 months. Every effort is being made to push ahead with the work in an endeavour to reach an earlier completion date.

Sanitary

Before the section closed down, I would like to put on record my observations of the hospital to the people and the Genie Civile.

The hospital is a fine building. The Inspectors have shown every cooperation during the period of A.M.O. control, their operations unfortunately have been restricted due to lack of cars without which they cannot operate efficiently; they have done the best they can with the few cars they had available. The Genie Civile with one or two exceptions have worked very well under such pressure and conditions, which as I said they have not met before. After the first two months of A.M.O. control, during which time they had to become accustomed to the conditions and procedures, they realised their responsibilities and in the following three months submitted a great number of projects for approval. They also took full advantage of the powers given to them to make the works up to 100,000, so much so that one or two in their eagerness were inclined to overstep the mark, but this can be learnt upon as a good thing.

Electricity

The electric power situation was running satisfactory. A meeting was held with 80 representatives of the supply position in Venice having regard to the extra load which will be expected during the winter on the already overburdened power lines. Instructions were sent out to all Army Units to restrict their use of electricity during certain hours and a watch is being kept on the situation. In the power line increases very noticeably it may be necessary to resort to rationing. The production of the Venetians is only sufficient for three hours daily and has little effect on the peak power load. The situation would be to increase the allocation of coal to Venetians for the production.

Gas

The recent allocation of coal to the Gas works has enabled these undertakings to produce a limited amount of gas for domestic purposes and has relieved, to some extent, the overloads on the electrical distribution.

2300

2. J. J. HILL,

785017

Summary

Before the Hagia closes down, I would like to put on record my observations of the Directorate and the Genie Circle.

The Directorate has been very active in its inspection of every operation during the period of A.M.O. control, their operations unfortunately have been restricted due to lack of cars without which they cannot operate efficiently; they have been the best they can with the few cars they had available. The Genie Circle with its two exceptions have worked very well under such pressure and conditions, which no doubt they have not met before. After the first two months of A.M.O. control, during which time they had to become accustomed to new conditions and procedures, they realized their responsibilities and in the following three months submitted a great number of projects for approval. They also took full advantage of the powers given to them to undertake works up to £100,000, so much so that one of them in their eagerness were inclined to overstep the mark; but this can be looked upon as a good thing.

Electricity

The electric power situation has remained satisfactory. A meeting was held with the area on the supply position in Venice having regard to the extra load which will be expected during the winter on the already overburdened power load. Instructions were sent out to all units to restrict their use of electricity during certain hours and a system is being kept on the situation. If the power load increases very markedly it may be necessary to resort to rationing. The production of the Venetian is only sufficient for three hours daily and has little effect on the peak power area. The solution would be to increase the allocation of coal to Venetian for gas production.

Gas

The recent allocation of coal to the gas works has enabled these undertakings to produce a limited amount of gas for domestic purposes and has relieved, to some extent, the pressure on the electrical distribution.

2300

7-11
E. J. F. F. F.
Colonel, C.E.

