

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

NP30/A1-1  
NP30/719  
Ad3  
LS

Refer To No.  
NP30-1  
(DDM-me)

15 February, 1945

RESTRICTED

719/a1-4/np30/706

LEAD

022845  
0305

From: Commanding Officer  
To: The Chief of the Bureau of Ordnance  
Via: (1) Commandant, Sixth Naval District  
Subject: Authorization to Construct Permanent Buildings,  
Request for.  
Refs: (a) BuOrd ltr to All Ordnance Stations, Subject:  
"Submission of Public Works Projects," dtd.  
30 December, 1943.  
(b) BuOrd Confidential ltr. A1-1 (Ad3a) to multiple  
addressees, dtd. 25 Feb. 1944; Subject: Sub-  
mission of Public Works Projects.  
(c) CNO ltr Op-02-MD Serial #188302 dated 2 Oct.  
1944; Subject, Construction of Public Works.  
(d) SecNav ltr FM200 CAJ PML104, 1039 of 4 Nov.  
1942 to all Naval Activities.  
(e) Discussion with Rear Admiral Kitts on 6 Feb.  
1945.  
Encls: (A) Preliminary print of proposed extension to Bldg.  
7B dated 12-1-44.  
(B) Preliminary Prints of proposed addition to Bldg.  
#7 dated 1-12-45.  
(C) Preliminary Print of Proposed Explosion Proof  
Test Room dated 3-4-44.  
(D) Station Plot Plan showing proposed locations of  
new structures. Plan #PL-201.

1. At the present time space for physical, chemical and explosive testing facilities in this Plant is entirely inadequate or lacking altogether as in the case of an explosion proof test room for firing samples of finished products, etc.

2. Breakdown of test samples is now being conducted in the same room with the wind tunnel apparatus in building #7B, due to no other available space. Aside from the fact there is insufficient space to perform the necessary breakdown work, it creates a safety hazard in

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DECLASSIFIED  
Authority: ND917625

OFFICE OF COMMANDING OFFICER

MACON, GEORGIA

HEADQUARTERS SIXTH NAVAL DISTRICT

FORT SUMTER HOTEL

CHARLESTON, S. C.



Refer to No.

N19/A1-4/NP30/ND6 (04)(Q-15-24) 21 February 1945

Hy

End-1 on CO US Naval Ordnance Plant, Macon, Ga., Ltr NP30-1 (DDM-me) to BuOrd via Com6 of 15 Feb 45

RESTRICTED

From: Commandant, Sixth Naval District  
To: Chief of the Bureau of Ordnance  
Subj: Authorization to Construct Permanent Buildings, Request for.

- 1. Forwarded, recommending approval.

*Jules James*  
JULES JAMES

022815 0305

DECLASSIFIED  
Authority *ND917675*

RESTRICTED

that during the breakdown process a certain amount of explosive powder is freed to the atmosphere, and in time, is drawn into the wind tunnel machinery. An addition to building 7B would allow sufficient area, especially for breakdown work so that more detailed information as to actual condition of parts after testing could be determined and also space for spin testing, jolt and jumble samples before and after testing, as well as other types of necessary tests. The proposed extension of building 7B would cost approximately \$7,500.00, including utilities. Enclosures (A) and (D) show plan and location of proposed addition. The present wind tunnel building has jolt and jumble room in the south end and has a makeshift depth charge pistol test stand in machinery room at the north end. Control of depth-charge-tests is in the wind tunnel room.

3. The present space allotted for chemical and physical laboratory testing consists of two buildings #7 and 7A (enclosure (D)) each 13' x 23'. Building #7 contains chemical analysis equipment and the laboratory office and files. This building is so congested that the acceptance analyses of incoming materials leaves little or no room for experimental or demonstration work, which is very necessary for designing proposed operation methods. Building #7A is used entirely for the segregation of amounts of explosives necessary for moisture and granulation tests and no other work is conducted wherein the use of flames or sparks from electrical or other sources could present any hazard. Other purely laboratory functions have been located in buildings 3A, 5B, 6 and 106, due to lack of space in the laboratories. The locating of these operations in other buildings creates the problem of safety hazards, proper care of high-priced delicate equipment, and proper supervision. In this area, there are very few accommodations for test work with the exception of the Georgia School of Technology, located in Atlanta, Georgia, which is too distant to be of practical benefit to this activity. The proposed addition to building #7, as shown in enclosures (B) and (D), will give ample space for consolidation of laboratory tests and for remedying the deficiencies, as listed above. The estimated cost of the new construction, including utilities, is \$11,150.00.

4. It is frequently highly desirable that this activity run explosive tests on the different items used or assembled here. At no time since the Plant was constructed has there been a satisfactory place to carry on these tests. At present, this work is done in the swamp area immediately south of the Naval Ordnance Plant on City of Macon property. The people conducting the tests place the materials to be exploded in holes or in the creek and get behind trees to try and keep away from flying metal and debris. This obviously is a bad situation both from safety standpoint (three (3) people have been hit by flying metal in the past year) and from observation of true test results. The proposed reinforced concrete vault, as shown in enclosures (D) and (C), will allow

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(DDM-me)

**RESTRICTED**

this work to be done safely on Station property with better observation of results. It will cost approximately \$1,200.00 to construct the proposed Explosion Proof Test Room. In connection with this project, it will be noted on enclosure (C) that a piece of armor plate 4' x 4' x 6" is proposed for placing on the floor to absorb part of the explosive shock. This piece of steel may vary in size from 3" to 6" thick and from 4' to 5 1/2' square. If scrap pieces of armor plate are available in any of the Navy Yards, it is hoped the plate can be obtained from this source.

5. Summary of costs:

(a) Wind Tunnel Building #7B Addition	-	\$ 7,500.00
(b) Laboratory Building #7 Addition	-	11,150.00
(c) Explosion Proof Test Room	-	1,200.00
	TOTAL	<u>\$ 19,850.00</u>

6. These proposals for permanent construction are highly recommended for approval by the Bureau inasmuch as they tend to promote employee safety and raise the standard of quality of the finished product which in a Plant of this type are very important points.

7. All the above was discussed with Rear Admiral Kitts on his inspection trip of 6 February, 1945.

8. The above proposed projects are submitted in accordance with the requirements of references (a) to (d), inclusive. Construction would be of permanent type, similar to existing buildings. No additional personnel will be needed to operate the new structures.

9. It is recommended the above listed projects be authorized and an allotment of funds set aside for the construction.

10. It is further recommended the work be accomplished by the Reynolds Corporation maintenance force under the supervision of the Civil Engineer Corps Officer stationed at this activity. If the above work is authorized as a BuDocks contract, 15% should be added to the cost estimate to cover Architect-Engineer services and contingencies.

*R. M. Praff*  
R. M. PRAFF

CC to  
Reynolds Corp. (2)  
CinCG

**RESTRICTED**

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MKS.

A  
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 (Pr3c)  
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 Subject:  
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 Washington, D.C.  
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NP30/A1-1

*M V* ✓ EE7-1

25 MAY 1945

U. S. Naval Ordnance Plant, Macon, Georgia,  
 Form WFB-617, Application for Authority to  
 Acquire or Construct Facilities dated  
 18 May 1945.

(A) Subject 617 forms in triplicate

The U. S. Naval Ordnance Plant, Macon, Georgia  
 is being operated by the Reynolds Corporation for the purpose of  
 loading and assembling ammunition components. The testing  
 facilities in the plant are inadequately housed and congestion  
 is so great that the work cannot be properly carried on. To  
 this end, the Reynolds Corporation's Contract WOrd 5017 has  
 been increased in order that these necessary additional facili-  
 ties may be constructed.

The expenditure for this construction of addi-  
 tional facilities covering additions to Building 7 and Building  
 7b has already been approved by the Construction Requirements  
 Committee of the War Production Board as Navy Case No. 1505.  
 Since chemical and physical tests are an important phase of the  
 operations at the U. S. Naval Ordnance Plant, Macon, Georgia  
 and the existing facilities are inadequate, the Bureau of  
 Ordnance recommends that this application be given prompt ap-  
 proval.

*Pr3*  
*5/25*

Very truly yours,

G. F. Hussey, Jr.  
 Rear Admiral, U. S. Navy  
 Chief of the Bureau of Ordnance

S. P. Fullinwider, Jr.  
 Capt. USN (Ret)  
 By direction

CC: Pr3(pink), Pr3c, OP&M, NOP Macon  
 Prepared: 5/25/45 X5034

A

B (Fi-b)

Ad From:

To:

Subject:

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Copy to:

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Ad-1b

PL

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NP30/a1-1 W

24 APR 1945

End.-2  
 On NQP Macon ltr NP50/L10-5(CBH:c)  
 to NavGun dated 18 April 1945

The Chief of the Bureau of Ordnance  
 The Commandant and Superintendent  
 U. S. Naval Gun Factory  
 Navy Yard Washington 26, D. C.

Statement of Charges to Project Order - April  
 1945 Naval Ordnance Plant, Macon, Georgia

Forwarded, for appropriate action.

The basic correspondence and its enclosures, al-  
 though addressed to the Naval Gun Factory, was received in the  
 Bureau of Ordnance.

G. F. HUSSEY, JR.

E. L. Lewis  
 By direction

Prepared 4/24/45 82105

042445 1781

GPO 16-20171-1

DECLASSIFIED  
 Authority: NP0917675

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*[Handwritten signature]*

Q 3-1(5)  
X NP31

2 NOV 1945

The Chief of the Bureau of Ordnance

The Commandant and Superintendent  
U. S. Naval Gun Factory, Navy Yard  
Washington, D. C.

Naval Ordnance Plants, Macon and Milledgeville,  
Georgia - Administration of, on and after 2 November  
1945

1. Effective 2 November 1945, the Naval Ordnance Plants  
Macon and Milledgeville, Georgia, will be converted to Navy operations  
and all administration, including the issuance of job orders, will be  
handled directly between the Bureau and the Naval Ordnance Plants.

G. F. HUSSEY, JR.

R. H. Roberts  
By direction

ESW  
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(Pra2)

AIRMAIL  
 SPECIAL DELIVERY

From: The Chief of the Bureau of Ordnance.  
 To: The Commanding Officer,  
 U. S. Naval Ordnance Plant,  
 Macon, Georgia.

Subject: Naval Ordnance Plant, Macon, Georgia -  
 Conversion from Contractor Operation to  
 Government Operation, Reynolds Corporation,  
 contractor.

1. The Secretary of the Navy has granted the Chief  
 of the Bureau of Ordnance authority to convert to government  
 operation the Naval Ordnance Plant, Macon, Georgia.

2. This plant is to be retained by the U. S. Navy  
 in a normal operating capacity status. The activities of the  
 station are to include the following:

(a) Storage of miscellaneous ordnance equipment  
 consisting of loaded and inert parts of fuzes and  
 such other components as may be determined by the Chief  
 of the Bureau of Ordnance.

(b) Loading of fuzes and primers as may be  
 required.

3. On Wednesday, 29 August, a preliminary conference  
 will be held in the Bureau of Ordnance at which time the organi-  
 zation, plans, personnel requirements and other problems con-  
 cerning conversion will be discussed with the Commanding Officer,  
 the Cost Inspector, and the contractor.

4. The Commanding Officer is requested to advise  
 the contractor and the Cost Inspector in the premises in order  
 that expeditious settlement of contract terminations may be  
 effected.

prepared 8/25/45 - ext. 2415

G. F. HUSSEY, JR.

RBS/omh

CC: NCF  
 BuSanda (2)  
 BuSanda (GIS)  
 BuMed  
 BuYandB

cc: Es  
 Le  
 F1  
 Ad2  
 Pra2  
 Pr6

Russell S. Smith  
 By direction

OPD 15-20171

7:30 P.M.

25 AUG 1945

DECLASSIFIED  
 Authority:



(B)

NP30

(Es2a)GJGtsr1

25 MAR 1949

Ad

From: Chief of the Bureau of Ordnance

(Es)

To: Commanding Officer  
U. S. Naval Ordnance Plant  
Macon, Georgia

Es2

Es2nd3/22

Es2a 2/12

(PL)

Subject: Naval Ordnance Plant, Macon, Georgia -  
Mission of:

Pr

Re: (A) Statement of General Mission and Major  
Tasks dated 18 March 1949.

There is forwarded herewith as enclosure (A) the  
current statement of mission and major tasks of the  
Naval Ordnance Plant, Macon, Georgia.

Mn

A. G. Noble (signature)

A. G. NOBLE

Re

cc: CNO (4)  
ComSIX  
PL-1 NAD, Charleston

Qc

Es1a  
Es2  
Es3

Fi

Adlb  
Prep: 3/21/49  
Ext: 3404

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In

MISSION AND TASKS OF  
NAVAL ORDNANCE PLANT, MACON, GEORGIA

1. GENERAL MISSION

Produce, assemble, load, inspect, store and distribute various ammunition components including fuzes, primers, tracers, and detonators; rework fuzes including VT types; assist in the development of primers and tracers.

2. MAJOR TASKS

- (a) Manufacture, alter, product engineer, rework, assemble, load, inspect, store and distribute ammunition components, the principal types of which are: fuzes, primers, tracers, and detonators, as directed by the Bureau of Ordnance.
- (c) Assist Naval Ordnance Laboratory in the development of primers and tracers including task assignments as directed by the Bureau of Ordnance.
- (c) Perform production engineering for, and produce pilot lots of, new types of ammunition components in such manner as to prove and improve the design of tools, jigs, fixtures, inspection gages and procedures.
- (d) Provide technical consultation service, with relation to the manufacture of ammunition components, to other activities, and to private industry as approved by the Bureau of Ordnance.
- (e) Prepare and maintain manufacturing records, drawings and reproduction data including bills of material, tool drawings, process sheets, etc., in such condition that correct and up-to-date information may be readily available to other prospective manufacturers in the event of expansion of the ammunition component programs.
- (f) Prepare and distribute ammunition component technical data, instructions, reports and pamphlets, as directed by the Bureau of Ordnance.
- (g) Maintain files of ammunition component drawings and issue prints in accordance with established procedures.

MISSION AND TASKS OF  
NAVAL ORDNANCE PLANT, MACON, GEORGIA

- (h) Inspect, catalog, preserve and maintain the war reserve of production facilities installed or stored at the plant with the view to their immediate availability to the Bureau's ammunition component program in event of emergency.
- (i) Maintain a small gage facility as required for immediate needs of the plant in accordance with Bureau of Ordnance directives.
- (j) Develop and apply statistical quality control techniques to design, development and production engineering problems where applicable and to production processes, production inspection, and final acceptance inspection in accordance with established Bureau of Ordnance policies.
- (k) Maintain under proper surveillance, the ammunition and explosives in store.
- (l) Maintain accountability, storage and preservation of inert ammunition component material inventories, including accountability of those components in storage at the Naval Ammunition Depot, Charleston, South Carolina.
- (m) Provide supporting services for the Naval Magazine, Theodore, Alabama, and administer the security force.

ENCLOSURE (A)

3/18/49

2 of 2

DECLASSIFIED

SEARCHED BY NATIONAL ARCHIVES

NAVY DEPARTMENT  
BUREAU OF ORDNANCE  
WASHINGTON 25, D.C.

28 November 1945

NP30  
(In)

Ad R E S T R I C T E D

From: The Inspector of Explosive Activities.  
To: B.  
Subject: Report of Inspection of Naval Ordnance Plant,  
Macon, Georgia.

Re SUMMARY:

Organization and Administration - Satisfactory.

Fi Filling Houses and Ammunition Preparation Activities - The lightning protection at all filling houses is considered inadequate due to the distance that masts are located from buildings in relation to height of masts. The water supply and distribution system is considered inadequate. The lack of a proper paint and storage building creates a definite fire hazard. Mn The loading tables are not provided with means of grounding static electricity. Some explosive loaded elements were found in buildings along with inert material.

Magazines and Magazine Areas - Considerable explosive material is in storage for which no immediate need is seen. There are electric blasting caps without safety shunts in storage. Black powder is not grounded.

Pr Inert Storage Groups - Fuse and primer inert parts in paper-board containers are not in stable piles. Many containers are collapsing and spilling contents. The Quonset hut storages reported in May 1945 inspection report are still in existence and have not been improved. This creates a definite fire hazard to other parts of the station, as well as permitting deterioration of materials stored.

PL

JEG:ase

*L.P. Davis*  
L. P. DAVIS

Copy to:

Sp Es (3), Ad, Pr, Pr6d (2), Mn, Mn2 (2), Adlb.

R E S T R I C T E D

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\*\*\* 16-2011-1





SECRET

NT30  
(In)

R E S T R I C T E D

Ad (b) Several work benches in building #6 were noticed to be soiled with metal shavings and shellac or similar material although production had been stopped for about two (2) months.

Re (c) There were two (2) boxes of loaded Mk 141 fuzes found in building #106 alongside piles of boxed inert fuzes. Production has been stopped for about two (2) months.

Fi (d) The "mix houses" for the "Winchester Building" (building #109) were found to contain various chemicals some of which were still in the screens and hoppers. In one building primer parts were stored in paper-board containers. Some had spilled upon the floor.

Mn

(e) The production buildings are not numbered nor supplied with orange colored backgrounds as required by OP-5, Vol. 1.

See recommendation (b)(1).

Pr

(c) Magazines and Magazine Areas.

(1) ITEMS REQUIRING BUREAU ACTION FOR CORRECTION.

PL (a) Considerable explosive material is in storage in magazines for which no immediate need is seen.

Sp

Le

120345 1120  
R E S T R I C T E D

SECRET

NT30  
(In)

R E S T R I C T E D

Ad

- (1) #26 contains:
  - (a) 20,000 lbs. tetryl
  - (b) 1,000 lbs. TNT
- (2) #36 contains:
  - 3,340 lbs. azide
- (3) #37 contains:
  - 500 lbs. fulminate
- (4) #31 contains:
  - 3,800 lbs. tetryl
- (5) #48 contains:
  - 5,000 lbs. tetryl

See recommendation (a)(4).

Fi

Mn

(2) ITEMS REMEDIABLE BY THE COMMANDING OFFICER WITHOUT REFERENCE TO THE BUREAU (The Commanding Officer has been advised of these questionable conditions).

(a) Magazines are not provided with number backgrounds in accordance with OP-5, Vol. 1.

Pr

(b) Door latches do not work properly on some magazine doors. Example: #35 and #37.

(c) Building D-1 contained Hercules #8 Electric Blasting Caps without safety shunts. Winchester #2½ Primers were also stored in this space.

PL

(d) A bottle of kerosene or similar oil was found in magazine #42. It was said to contain DDT for combating black-widow spiders. The magazine contained TNT loaded elements.

Sp

Le

R E S T R I C T E D

120345 1120



NT30  
(in)

R E S T R I C T E D

Ad

(e) Magazine #27 contained bulk black powder of various granulations that was not grounded.

See recommendation (b)(2).

Re

(d) Inert Storage Groups.

(1) ITEMS REQUIRING BUREAU ACTION FOR CORRECTION.

Fi

(a) Considerable quantities of inert fuse parts, etc., are in storage in paper-board cartons which are collapsing due to dampness and the inherent weakness of paper-board containers. This condition results in loss, deterioration, and damage of valuable material.

Mn

See recommendation (a)(5).

Pr

(b) There are eight (8) prefabricated (quonset hut) buildings located about fifty (50) feet to the eastward of building 50 (warehouse) that are designated as buildings 5F to 5J and 5K to 5N, inclusive. These huts are not provided with insulation, ventilation, nor placards showing their contents. The doors are of a poor fit and permit the entrance of rain. The hut contents are as follows:

PL

- (1) 5F and 5H - Various chemicals.
- (2) 5G, 5L, and 5N - Large quantities of paint, solvents, lacquers, graphite, linseed oil, varnish, and shellac.
- (3) 5K - Barrels of sodium nitrate and aluminum powder. This condition also existed during the inspection of 8, 9, and 10 May 1945.

Sp

Le

R E S T R I C T E D 120345 1120

NPSO/LA-3/w-g

28 August 1945

To: Chief of the Bureau of Ordnance (Bureau Counsel)

Subj: Suits against Contractor

Ref: (a) BuOrd ltr LA-3(11) (Pra2) of 5 Mar 1945.

- 1. Enclosures 1 and 2 are forwarded in compliance with reference (a). Both cases are covered by insurance.

By direction of CG, NavOrdPlant, Maccn, Ga:

H. C. WILL

Encl (EW)

- 1. Copy of petition & summons, Prentice Tucker
- 2. Copy of petition & summons, Mollie McEarter

083045 0585

NT30  
(In)

R E S T R I C T E D

Ad (2) ITEMS REMEDIABLE BY THE COMMANDING OFFICER WITHOUT REFERENCE TO THE BUREAU (The Commanding Officer has been advised of these questionable conditions).

(a) The doors to store houses do not fit tight enough to exclude rain. This condition could be remedied by applying weather stripping at the joints and on the bottom of doors.

Re

(b) Loaded auxiliary detonator fuzes were found in building 105-B stored with inert combustible materials.

Fi

(c) Some piles of inert materials were of excessive height and were becoming unstable due to collapsing of lower tiers. Restowage should be initiated.

Mn

(d) Building 105-C contained about 52 bales of excelsior stored with thousands of paper-board and wood-boxes. This constitutes a severe fire hazard and should be eliminated.

See recommendation (b)(1).

Pr

5. Recommendations.

(a) ITEMS REQUIRING BUREAU ACTION FOR CORRECTION.

It is recommended:

(1) That the Bureau investigate the degree of protection afforded by the present installations and take such corrective measures as found necessary. A suggested remedial means is to string antenna between present masts thus affording a complete network of conductors over the buildings. BuOrd's 1st and. NP30(Es3)2 dated 15 November 1945, on BuDocks ltr. NP26/N27 C-9-Z/FM of 16 October 1945 to BuOrd, refers to new lightning protection to be installed at loading platform on this station.

Sp.

See page 2, par. (b)(1)(a).

Le

R E S T R I C T E D  
120345 1120

Handwritten notes and markings in the top left corner, including a large '10' and various scribbles.

B NT30  
(In)

R E S T R I C T E D

Ad (2) That the Bureau take action to insure improvement of the water supply situation at this station.

See page 2, par. (b)(1)(b).

Re (3) That the Bureau consider supplying this station with a paint and oil storage building. The building should be constructed in accordance with N.F.P.A. fire code for flammable liquids. This requires a separate, fireproof, well ventilated building provided with drains and remote controlled and/or automatic smothering system.

See page 2, par. (b)(1)(c).

Mn

(4) That the Bureau issue shipment orders for excess explosives that are not destined for use at this station in the near future.

See page 4, par. (c)(1)(a)(1-5).

Pr

(5) That the Bureau consider repackaging of materials of this nature which are packed in paper-board containers. It is suggested that the surplus 20mm and 40mm ammunition boxes that abound at various ammunition depots could readily be utilized for this purpose.

See page 5, par. (d)(1)(a).

Sp

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R E S T R I C T E D  
120345-1F20

ATTO  
(In)

R E S T R I C T E D

(b) ITEMS REMEDIABLE BY THE COMMANDING OFFICER WITHOUT REFERENCE TO THE BUREAU (The Commanding Officer has been advised of these questionable conditions). It is recommended:

(1) That the Commanding Officer take action to remedy these questionable conditions.

See page 3, par. (e), and page 6, par. (2)(d).

Re

(2) That the Commanding Officer take immediate action to remedy these substandard and unauthorized conditions.

See page 5, par. (e).

Fi

Mn

L. P. DAVIS

JEG:whh

Copy to:

Pr

Es (3), Ad, Pr, Pr6d (2), Mn, Mn2 (2), Adlb.

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R E S T R I C T E D

120345-1120

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

FILED

Refer To No. NP30/LA-3/w-g

28 August 1945

To: Chief of the Bureau of Ordnance (Bureau Counsel)

Subj: Suits against Contractor.

Ref: (a) BuOrd ltr LA-3(11) (Pra2) of 5 Mar 1945.

1. Enclosures 1 and 2 are forwarded in compliance with reference (a).  
Both cases are covered by insurance.

By direction of CO, NavOrdPlant, Macon, Ga:

H. C. WILL

Encl (HW) 6

1. Copy of petition & summons, Prentice Tucker
2. Copy of petition & summons, Mollie McEarter

NP30  
L4-3(11)  
Pra  
7/14/45

083045 0585

Responsible: Nichols, Mollie McEarter  
Phil Nichols

Y

GEORGIA, BIBB COUNTY.

TO THE CITY COURT OF MACON:

Now comes PRENTICE TUCKER and brings this petition against REYNOLDS CORPORATION and shows:

1

Defendant is a corporation having an office and agent and place of doing business in said County.

2

Defendant is indebted to petitioner in the sum of THREE THOUSAND (\$3,000.00) DOLLARS by reason of the facts hereinafter stated.

3

Defendant, a manufacturer of munitions fuses, has a factory in said County, and on February 1st, 1942, petitioner's wife entered its employ and her duties, while she was acting within the scope of her employment, caused her to come in contact with and breathe into her lungs dust and particles and emanations from various chemicals and metals and combinations of chemicals, and as a result she suffered permanent and total impairment of her health in that she developed a permanent injury to her lungs and respiratory system, and as a result she has been confined to a hospital since November 18, 1942, and was confined there until January 22nd, 1944; she is still disabled and will be for the remainder of her life.

4

As a result of said injuries petitioner's wife did then suffer, does now suffer, and will continue to suffer as long as she lives excruciating mental and physical pain.

5

Petitioner's wife's injuries were not the result of an accident but were the result of her routine daily contact with said poisonous and deleterious chemicals and metals and combinations of each and both.

6

Petitioner's wife having no knowledge of chemistry and

related subjects, and having no means of knowing as did defendant and its agents in charge of said factory, relied upon the representations of defendant and its agents that contact with said chemicals and metals and combinations of each and both, and the dust and emanations therefrom would not be harmful to her.

7

Plaintiff's wife's injuries and illness were caused by the negligence of the defendants and they were negligent as follows:

(a) In that they negligently and knowingly caused plaintiff's wife to come in contact with said poisonous and deleterious chemicals and metals and combinations of each and both;

(b) In negligently failing to warn plaintiff's wife of the danger of working with said materials;

(c) In willfully and negligently representing to plaintiff's wife that said materials were not harmful and dangerous, and in willfully and negligently representing to her that she ran no risk in the use of them in her said work;

(d) In negligently failing to furnish plaintiff's wife with a gas mask or other appliance to protect her from inhaling the emanations from said chemicals and metals and combinations of each and both.

8

The fact that said contact of petitioner with said chemicals and metals and combinations of each and both, and the dust and particles and emanations therefrom, would cause injury to petitioner was known to defendant, but was not known to petitioner's wife and she did not have means equal to that of defendant to know that her contact with the same would cause injury to her.

9

Petitioner's wife could not by the exercise of ordinary care and diligence have known that said contact with said chemicals and metals and combinations of each and both, and the dust and particles and emanations therefrom, would cause injury to her.

2



10

The negligence of the defendant was the proximate cause of petitioner's wife's injuries and illness.

11

Prior to said employment plaintiff's wife was in perfect health, and she was 28 years of age.

12

Petitioner's loss of services of his wife, her earnings, and medical expenses amounted to \$3,000.00.

WHEREFORE, petitioner prays that process may issue directed to the defendant requiring it to be and appear at the next term of this court to answer this complaint; and further that he may have judgment against defendant in the sum of THREE THOUSAND (\$3,000.00) DOLLARS plus all costs.

/s/ E. W. Maynard  
E. W. Maynard

/s/ S. G. Jones  
S. G. Jones

Attorneys for Petitioner

JURY DEMANDED.

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GEORGIA---BIBB COUNTY

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\_\_\_\_\_ : To the Sheriff of the City Court of Macon,  
 \_\_\_\_\_ : or his Deputies thereof:  
 \_\_\_\_\_ :  
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 \_\_\_\_\_ :  
 \_\_\_\_\_ :

The Defendant, Reynolds Corporation  
 \_\_\_\_\_  
 \_\_\_\_\_

is hereby required, personally or by attorney, to be and appear at the City Court of  
 Macon to be holden in and for the County of Bibb, on the first Monday in  
November next, then and there to answer the Plaintiff's complaint,  
 as in default thereof, the Court will proceed as to justice shall appertain.

Witness the Honorable CECIL A. BALDWIN, Judge of said Court, this 23rd,  
 day of August, 1945.

/s/ H. Elmo Simmons  
 Deputy, Clerk

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No. 14712

CITY COURT OF MACON

November Term, 19 45.

Prentice Tucker

Vs.

Reynolds Corporation

COPY

Filed in office 23rd. day of

August, 19 45.

H. Elmo Simmons /s/ Dep. Clerk

E. W. Maynard

S. Gus Jones

Attorneys for Petitioner

GEORGIA, BIBB COUNTY.

TO THE CITY COURT OF MACON:

Now comes MRS. MOLLIE MC EARTER and brings this petition against REYNOLDS CORPORATION and shows:

1

Defendant is a corporation having an office and agent and place of doing business in said County.

2

Defendant is indebted to petitioner in the sum of THREE THOUSAND (\$3,000.00) DOLLARS by reason of the facts hereinafter stated.

3

Defendant is a manufacturer of munitions fuses and operates a factory in said County, and in July, 1942 petitioner entered its employ and left its employ in May, 1945; and her duties, while she was acting within the scope of her employment, caused her to come in contact with and breathe into her lungs dust and particles and emanations from various chemicals and metals and combinations of chemicals, and as a result in 1944 and 1945 she suffered permanent and total impairment of her health in that she developed a permanent injury to her lungs and bronchial tubes and respiratory system.

4

As a result of said injuries petitioner did then suffer, ~~does now suffer and will continue to suffer as long as she lives~~ excruciating mental and physical pain.

5

Petitioner's injuries were not the result of an accident but were the result of her routine daily contact with said poisonous and deleterious chemicals and metals and combinations thereof.

6

Petitioner having no knowledge of chemistry and related subjects, and having no means of knowing of same as did defendant and its agents in charge of said factory, relied upon the representations of defendant and its agents that contact with

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said chemicals and metals and combinations thereof and the dust and emanations therefrom would not be harmful to her.

7

Plaintiff's injuries and illness were caused by the negligence of the defendants and they were negligent as follows:

(a) In that they negligently and knowingly caused plaintiff to come in contact with said poisonous and deleterious chemicals and metals and combinations thereof;

(b) In negligently failing to warn plaintiff of the danger of working with said materials;

(c) In willfully and negligently representing to plaintiff that said materials were not harmful and dangerous, and in willfully and negligently representing to her that she ran no risk in the use of them in her said work;

(d) In negligently failing to furnish plaintiff a satisfactory mask or other appliance to protect her from inhaling the emanations from said chemicals and metals and combinations of each and both.

8

The fact that said contact of petitioner with said chemicals and metals and combinations thereof and the dust and particles and emanations therefrom, would cause injury to petitioner was known to defendant, but was not known to petitioner and she did not have means equal to that of defendant to know that her contact with the same would cause injury to her.

Petitioner could not by the exercise of ordinary care and diligence have known that said contact with said chemicals and metals and the dust and particles and emanations therefrom would cause injury to her.

10

The negligence of the defendant was the proximate cause of petitioner's injuries and illness.

WHEREFORE, petitioner prays that process may issue directed to the defendant requiring it to be and appear at the next

2

any amount of damages which may be awarded in the  
term of this court to answer this complaint; and further that  
she may have judgment against defendant in the sum of THREE  
THOUSAND (\$3,000.00) DOLLARS plus all costs.

\_\_\_\_\_  
E. W. Maynard

\_\_\_\_\_  
S. G. Jones

Attorneys for Petitioner

JURY DEMANDED.

RECORDED (02'000'00) LETTER FROM THE COURT

the said party appearing therein dependent on the date of THESE

MAILED TO THE OFFICE OF THE CLERK OF THE COURT AND RETURNED TO THE

GEORGIA - BIBB COUNTY

To the Sheriff of the said County of Mason

The Defendant, Reynolds Corporation

is hereby required, personally or by attorney, to be and appear at the City Court of Mason to be holden in and for the County of Bibb, on the first Monday in

NOVEMBER next, then and there to answer the Plaintiff's complaint, as in default thereof, the Court will proceed as to justice shall appear.

Witness the Honorable CECIL A. PALMER Judge of said Court, this 24th

/s/ H. Elmer Simmons  
Deputy Clerk

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No. 14713

CITY COURT OF MACON

Term, 19 45

Mrs. Mollie McParter

Vs.

Reynolds Corporation

COPY

Filed in office 24th, day of  
August, 19 45.

/s/ H. Elmo Simmons Dep. Clerk

E. W. Maynard

S. Gus Jones  
Attorneys for Petitioner

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FILED AT THE NATIONAL ARCHIVES



U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

Refer To No.

NP30/L5/S78-1/w-g

18 September 1945

To: Chief of the Bureau of Ordnance

Subject: Inspection of Naval Ordnance Plant, Macon, Georgia by the  
Inspector of Explosive Activities.

Reference: (a) BuOrd ltr L5(Ad3b) of 12 Sept 1945  
(b) BuOrd ltr NP30/S78(Pr6) of 13 Sept 1945  
(c) NOP, Macon ltr NP30/S29-1/w-g of 14 Sept 1945 to BuOrd.

1. In response to references (a) and (b), the following comment is made concerning corrective action:

- (a) Some of the conditions noted in references (a) and (b) have been improved or corrected.
- (b) Others of the conditions have ceased to exist due to shutting down of most production lines and reduction in the remaining lines.
- (c) All production by the operating contractor will cease on 28 September 1945.
- (d) When production is resumed under Navy operation after 5 November 1945 full attention will be given to correcting any conditions which then exist and which were subject of criticism in references (a) and (b).

2. It is requested that the Bureau disregard reference (c), as the question of providing safety shoes to employees has been answered by Paragraph 1 (ii) of reference (b).

3. This activity has no facilities for laundering. Is it the desire of the Bureau that a contract be made with a commercial laundry to provide the service specified in Paragraph 1(ii) of reference (b)?

4. The stowage of explosive loaded items in warehouses, which is mentioned in Paragraph 2 of reference (b), is now greatly relieved and will be entirely eliminated in the near future. The loaded items are being shipped to naval ammunition depots and as soon as the stock on hand is reduced to a practicable point it will be transferred to magazines.

cc: Reynolds Corp.  
Maintenance Ofcr.  
Security & Safety Ofcr.

*[Handwritten Signature]*  
OFF. OF AFF.

**FILE**

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NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

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NPSO/MI:P16-3/p-o

24 October 1945

To: Commandant, Sixth Naval District

Subj: Enlisted Man Temporarily in Excess

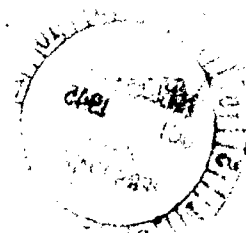
Ref: (a) Conference in BuOrd on 22 Oct. 1945.  
(b) CO's 1st Bnd. NPSO/EM/w-o dated 19 Sept. 1945

FILE

1. At the conference in the Bureau of Ordnance on 22 October 1945, it was decided to remove all explosives and highly inflammable chemicals from the Plant during the standby period, which will probably cover a period of about six months. This would do away with the necessity for a Chief Gunners Mate during this period. Stevens, Robert Jones, CEM USN Ret. Serial Number 294 94 04 has been doing the CGM's duties at this plant. Stevens recently requested that he be allowed to remain on active duty until 30 June 1946 and the Commanding Officer approved this request. See reference (b). Stevens has had a lot of submarine duty. He requests that, if he is to be transferred from this Plant, he be ordered to duty at the Submarine School, New London, Connecticut.

ROY PFAFF  
CC, NavOrdPlant, Macon, Ga.

CC:  
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U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

Refer To No.

MP30/p-g

24 October 1945

To: Chief of the Bureau of Ordnance

Subj: Status of Naval Ordnance Plant, Macon, Ga.

Ref: (a) Conference in BuOrd on 22 October 1945.

**FILE**

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1. Below is summarized the Commanding Officer's understanding of what was decided at the conference at the Bureau of Ordnance on 22 October 1945 and in various conversations with officers of Bureau of Ordnance, Bureau of Medicine and Surgery and Bureau of Supplies and Accounts:

- (a) Buildings, grounds, equipment, etc., to be maintained in first class condition on a status that will enable Plant to go on limited production some months hence. At least 60 days notice to be given Plant before production starts.
- (b) Production and Planning Department to be inactive except as follows:
  - (1) Continue experimenting with "Winchester Mix".
  - (2) Continue filling small orders for inert assembled items as issued from time to time by Bureau of Ordnance, but no orders for explosive loaded items to be handled.
  - (3) Continue destroying scrap explosive and defective loaded items as directed by Bureau of Ordnance.
  - (4) To carry out above, we will have one Leadingman Ordnanceman (Sensitive Powder Man and Explosive Destruction Supervisor) and five Ordnancemen.
- (c) Inspection Department to be made completely inactive.
- (d) Drafting Room to be manned to keep blueprints, etc., up to date and carry out work in connection with construction, planning, etc. This will require a draftsman and a file clerk.
- (e) Laboratory must be kept open as Chemist is required in connection with "Winchester Mix" in addition to a few other jobs in connection with maintenance. The Physical Science Aide position will not be filled for the present but a helper will be put in the laboratory as it is not desirable for safety reasons to have but one person in a laboratory.

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- (f) Proposed Maintenance Department to be reduced very little, as production effects maintenance very little.
- (g) Ordnance Officer's office not to be set up until production starts, the Supply and Accounting Officer to perform such Ordnance Officer's duties as may come up. Separate letter is being written covering this. Case of the Chief Gunner's Mate will be handled by separate letter.
- (h) Civilian fire fighters to be used - one fire chief and four firemen.
- (i) No civilian guards to be used. Marines will report prior to 5 November.
- (j) Order for nurse to be cancelled and nurse will not be sent until production starts. Hospital corpsmen to report prior to 5 November.
- (k) Disbursing office for civil rolls not to be set up until production starts. Lt.(jg) Richards' orders to be modified accordingly. Civil service personnel to be paid from Milledgeville or Charleston - preferably Milledgeville. Change in set-up of the Supply, Accounting and Disbursing Officer is now under study and will be taken up with Bureau of Supplies and Accounts.
- (l) The Warrant Officer billet not to be filled until later.
- (m) Administrative and Personnel Office to set up as originally proposed.
- (n) The Maintenance Foreman at salary of \$3860 will be approved.
- (o) All explosives and highly inflammable chemicals to be shipped out except the very small amounts required for "Winchester Mix".

  
 CAPT. P. F. F. F.

CO, NavOrdPlant, Macon, Ga.

cc:  
 BuM&S  
 BuS&A  
 BuOrd(Pr&e)  
 BuOrd(Capt. Eyrnes)  
 BuOrd(Capt. Russell Smith)  
 BuOrd(Lt. Comdr. Trigg)  
 ComSix

*Copy not attached mcs*

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# NAVAL SPEEDLETTER

- NAVAL SPEEDLETTER Form NAVEK
- Is for urgent messages not requiring telegraphic transmission.
  - Is expedited upon delivery.
  - Is designed for Navy-wide use without change (1 September 1943, Navy Department Bulletin).
  - Does not clear through communication offices.
  - Permits dispatch or informal language.
  - May be sent (1) air mail and/or special delivery, (2) with enclosures, (3) to nonnaval activities, (4) in window envelope.
  - Provides space for inserting "From" above "To" if activity's correspondence format so requires.
  - Available upon request from Publications Division, Administrative Office, Navy Department, Washington 25, D. C., in pads of 25 sets, each set comprised of 1 white, 1 yellow, 1 pink, 1 green.
- Additional pads of 100 available in white (NAVEKOS-312A, Rev. 11-44), and, if needed, in pink (NAVEKOS-312B) and green (NAVEKOS-312C).

IN REPLY REFER TO:

NP30/L5/p-g

NP30  
L5  
IN  
7/28

TO: Chief of the Bureau of Ordnance  
Navy Department  
Washington 25, D. C.

INDICATED BY CHECK MARK

**FILE**

110545 1281

Subj: Inspection of Naval Ordnance Plant, Macon, Georgia.

Ref: (a) BuOrd ltr L5(In) dated 31 October 1945

1. An inspection of the Naval Ordnance Plant Macon, Ga., on 19 and 20 November, 1945 by the Inspector of Explosive Activities would be a waste of time and effort as the Plant will be in a "shake-down" status after being taken over by the Navy from the Contractor-Operator at 0800, 5 November 1945.
2. Personnel available will not be able to work up proper bills, etc., listed in paragraph 5 of reference (a) by the dates in question. It should be borne in mind that no force will be available for organizing until 5 November. Further, all of the plans which had been tentatively worked up had to be discarded on 23 October 1945 as a result of the conference in Bureau of Ordnance 22 October 1945, when the prospective force was cut from approximately 300 civilians to approximately 100 civilians. Further, there will be no production lines operating, and there will be only an insignificant amount of explosives in storage.
4. Please advise whether or not the inspection will be cancelled. No hotel reservations will be made until an answer is received.

COPIES TO

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SIGNATURE AND TITLE

*[Handwritten Signature]*  
ROY PFAFF

CO, NavOrdPlant, Macon, Ga.

SENDER'S MAILING ADDRESS (INCLUDE OFFICE SYMBOL, IF DESIRED)

Commanding Officer  
Naval Ordnance Plant  
Macon, Georgia

ATTENTION ADDRESSEE: Speedletter reply should be addressed as here shown, to insure prompt routing of reply.



OFFICE OF COMMANDING OFFICER

NP30/A-12/P-6

9 November, 1948.

NP 30  
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To: Reynolds Corporation.

SUBJECT: Wartime History of the U.S. Naval Ordnance Plant, Mason, Ga.

1. The copy of the Wartime History of the U.S. Naval Ordnance Plant, Mason, Ga., that was furnished you is for your own information and is not to be released to the public without approval of the Chief of the Bureau of Ordnance.

ROY PFAFF,  
Captain, U.S. Navy,  
OO NavOrdPlant, Mason, Ga.

CC: BuOrd.  
Comd.

ads

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SUPPLY DEPARTMENT  
U. S. NAVAL ORDNANCE PLANT

MACON, GEORGIA

REFER TO:  
NP30/L10-5A/P16-3(T:o)

15 Feb 1945

NP30

FILED

To: Chief of the Bureau of Supplies and Accounts  
Navy Department  
Washington, D. C.

L10-1

Via: Chief of the Bureau of Ordnance

PRA

Subj: Work Volume Report.

Ref: (a) Art. 402-2 BuSandA Memo, Advance Change No. 509 Feb 1945.

1. It is believed that reference (a) does not apply to this Plant for the following reasons:

a. This Plant is operated by a private contractor; thus, all material other than that furnished under Bureau or Ordnance contracts is purchased by the contractor, all government material furnished under Bureau or Ordnance contracts is turned over to the contractor as received, all shipments of incoming government furnished material is unloaded by the contractor's laborers, all storage space is under the cognizance of the contractor, and all outgoing shipments of finished ammunition details are loaded by the contractor's laborers.

b. All work done at this Plant by the contractor is charged to various job orders issued by the Naval Gun Factory, and the accounting for expenditures charged to these job orders is different from the accounting done for job orders issued at a regular industrial activity.

c. Only an Appropriation Purchases Account is maintained at this Plant in accordance with Art. 1089-0, BuSandA Memo.

2. The Supply Department at this Plant received government furnished material, turns it over to the contractor, receives from the contractor finished ammunition details, and ships material as directed by the Bureau of Ordnance. The Accounting Department maintains a Plant Account and accounting records adequate to furnish reports most of which are required by the Naval Gun Factory. Also, considerable time and work of the employees of this department is required in requesting and insuring that various procedures, instructions, and work are carried out by the contractor. There is no Disbursing Department or Navy War Bond Office at this Plant.

022745 1708



23 FEB 1945

for Macon ltr to BuS&A  
NP39/LLC-5A/P16-3(T:o)  
dated 15 February 1945

From: The Chief of the Bureau of Ordnance  
To: The Chief of the Bureau of Supplies and Accounts  
Subject: Work Volume Report as Required by Art. 402-2 BuS&A  
Memo, Advance Change No. 509 Feb 1945

1. Forwarded concurring in the opinion expressed by the Bureau of Supplies and Accounts officer.
2. It is the opinion of the Bureau of Ordnance that contractor operated Ordnance Plants should be exempt from the requirements of reference (a) of basic letter.
3. It is requested that the Chief of the Bureau of Ordnance be advised in the premises in order that the activities involved may be properly advised.

G. F. HUSSEY, Jr.

EWL/hml

J. R. van Nagell  
By direction

End-2 on (CO, NOP, Macon, Ga. ltr. NP30/  
LLC-5A/P16-3(T:o), 15 Feb.  
1945) LL/ ND6 (OFA-4)  
27 February 1945

BACA  
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From: BuS&A  
To : ChBuOrd  
Ref : (a) Art. 402-2 (BuS&A Memo No. 509, Feb. 1945).

1. Returned.
2. In view of the nature of the work performed by the Naval Ordnance Plant, Macon, Ga., the Work Volume Report requested in reference (a) will not be required.
3. The above also applies to any other contractor operated Ordnance Plants.

W. B. YOUNG  
Chief of Bureau

CR Callander  
C. L. CALLANDER  
By direction

Page 2 -- Chief of the Bureau of Supplies and Accounts, 15 Feb 1945

3. It is believed that a work volume data report in the form requested by reference (a) would not show the work carried out by the Supply and Accounting Department. Accordingly, no further report will be made unless otherwise advised by addressees.

By direction of CO, NavOrd Plant, Macon, Georgia:

*H. F. Topping*

H. F. Topping  
Supply and Accounting Officer

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Chief of the Bureau of Ordnance  
 Commanding Officer  
 Naval Ordnance Plant  
 Marietta, Georgia

27 JUN 1949

Requirement for realistic planning in maintenance and operation costs.

- There are strong indications that we are faced at this time with what may prove to be a serious reduction in funds appropriated for the accomplishment of our tasks in support of the Navy's assigned missions and of the operating forces. A common sense appraisal of the situation indicates also that the level of appropriated funds for the Naval Establishment will probably be still further reduced in the years to come. Therefore, it is of the utmost importance that we bring to bear on this problem the best of foresight, intelligence, and good judgment, in order to insure that such funds as are made available to us will be expended wisely and will contribute most effectively to the discharge of the Navy's responsibilities to the Nation.
- It is my desire that you make a thorough survey of your current tasks and planned operations with a view to effecting the most efficient economies that can safely be initiated without serious impairment of the capacity of your command to carry out its major tasks. You must be realistic in your approach to this problem and not be prepared to accept standards of maintenance and general housekeeping which may well fall below those dictated either by your years of experience in the Navy or by considerations based solely upon economies hoped for in plant maintenance in years to come. Definitely, the nonessentials if there are any, must be greatly reduced if not completely eliminated.
- Please give this matter highest priority, and be prepared to come to Washington in the early part of the new fiscal year, if so directed, in order to confer jointly with appropriate Bureau personnel your proposed minimum expenditures and the plans on which they are based.
- I am sure that I need not remind you, as a Naval Officer, that the extent with which the limited funds that we may expect to have in the next few years are expended, may very largely determine the actual effectiveness of our national security.

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5. You are requested to maintain the contents of this memorandum in strictest confidence, and not to disclose the intent of the planning required hereby, nor the estimated effects upon workload or level of employment within your command.

Es

PL

A. G. Noble (signed)

A. G. NOBLE

Pr

Prepared 23 Jan '49  
7-62362

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(Ma3a-1)CAO/bmd

Commanding Officer  
Naval Ordnance Plant  
Macon, Georgia

Subj: Revised Macon Workload

Refs: (a) DOP Macon conf ltr NP30/P 16-1(LLAD) Serial 0943  
dated 19 July 1949.  
(b) DOP Macon conf ltr NP30/P16-1/LL/E5-1 Serial 1003  
dated 29 July 1949.  
(c) BuOrd ltr (Ma3a-1)JEB/bmd dated 12 August 1949.

References (a) and (b) informed the Bureau of preliminary reductions in force in the public works and inspection departments attendant to reduced workload requirements at Naval Ordnance Plant, Macon. The Bureau of Ordnance concurs and approves of the action taken. In any future review of the two departments listed above, it is recommended that the following developments subsequent to the initiation of references (a) and (b) be taken into consideration:

- (a) Completion of installation of VT production equipment prior to 15 September.
- (b) Discontinuance of work on chemical laboratory.
- (c) Completion of installation of plating units and equipment received from Naval Ordnance Plant, Hillsideville.
- (d) High ratio of supervision in public works (10 of total of 76).
- (e) Near completion of VT rework program (Mk 53 and 59).
- (f) Consolidation and review of functions of inert control Pg 5 and 6 Enclosure (A) in reference (b).

Es-2 Ma3a-1 Adlb

Prep. 08/17/49 x-2702

Chief of the Bureau of Ordnance  
Ma3a-1  
Navy Department  
Washington 25, D. C.

CONFIDENTIAL

CONFIDENTIAL

It is the Bureau's present intention to commence rework of Mk 71 VT fuses at Macan during the third or fourth quarter of fiscal 1950 and to have Macan produce the lead-in cups referred to in reference (c).

A. G. ROBLE

0801490288

Es-2 Ma3a-1 Adlb

Prep. 08/17/49 x-2702

Chief of the Bureau of Ordnance  
Ma3a-1  
Navy Department  
Washington 25, D. C.

CONFIDENTIAL

REFER TO: NP30/P16-1/LL/L5-1 (AD)  
Serial: 1003

29 July 1949

TO: Chief of the Bureau of Ordnance  
Section Ma3a-1  
Navy Department  
Washington 25, D. C.

*NP30*  
*Ma3*  
*md*

- May be sent (1) air mail and/or special delivery, (2) with enclosures, (3) to nonnaval activities, (4) in window envelope.
- Provides space for inserting "From" above "To" if activity's correspondence format so requires.
- Available upon request from Publications Division, Administrative Office, Navy Department, Washington 25, D. C., in pads of 25 sets, each set comprised of 1 white, 1 yellow, 1 pink, 1 green.
- Additional pads of 100 available in white (NAVGEM-48A), in pink (NAVGEM-48B), and green (NAVGEM-48C).

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**CONFIDENTIAL**

Subj: Revised Macon Workload

Ref: (a) BuOrd Conf. Spdltr NP30(Ma3a-1)LL:br of 7 July 1949.  
(b) NOP Macon Conf. Spdltr Serial 0943 of 19 July 1949.

Encl: (A) Detailed List of Inspection Personnel, giving names and duties, together with summary.

- Enclosure (A) is submitted herewith for the Bureau's information in connection with item(2) of reference (a).
- A review of Inspection requirements in the light of the approved reduced workload for Macon results in a reduction of inspectors from 51 to 42 employees.
- Reduction in Force procedures are in effect to accomplish.
- For the information of the Bureau, a detailed list of civilian personnel with names and duties assigned according to effective Bureau directive requirements is appended. Also is shown a general summary of Inspection requirement directives at NOP Macon.
- This report is submitted to supplement reference (b). Report will be submitted on item (1) of reference (a) upon completion of studies now in progress.

COPIES TO

SIGNATURE AND TITLE

*R. S. Caldwell*  
R. S. CALDWELL  
Commanding

SENDER'S MAILING ADDRESS (INCLUDE OFFICE SYMBOL, IF DESIRED)

COMMANDING OFFICER  
U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA

ATTENTION ADDRESSEE: Special letter reply should be addressed as here shown, to insure prompt routing of reply.

**REGISTERED MAIL**

*1646*

**CONFIDENTIAL**

16-42403-8 U. S. GOVERNMENT PRINTING OFFICE

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DESCRIPTION OF ...  
DEVELOPMENT  
SECTION THREE-Y  
10: [ ... of the Bureau of Ordnance

OF THE BUREAU

SECTION THREE-Y

BLLC\570-5\11-1 (WD)

MEMORANDUM  
FOR THE RECORD

**2 SPEED 1 LEK**  
INSPECTION

INDICATE HERE IF CHECKED

- 1. [ ]
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- 9. [ ]
- 10. [ ]

Bu. Ord. Directives (Spec and letters) requiring action by U. S. N. O. P. Macon, on manufacturing, loading and rework process in action at this plant.

Bu. Ord. cir. ltr L5 Qc3-BLL:hlh dtd 13 June 1949.  
Navy Regulation, Art. 1611, Section 4, Chapter 43.  
Bu. Sand. A. Manual, para. 25032.  
Inspection Administration Manual, Chapter D, Appendix X.

Project 77838 V. T. Fuze Program

Bu. Ord. ltr. (Pr6c)GAO/MEK:br 12 March 1948.  
Bu. Ord. ltr. (Pr6c):is 14 June 1948 S78-1(26 MK 53)  
Bu. Ord. ltr. (confidential) S78-1(26 MK 53)(QC3a)MEK:lmn 7 July 1948.  
Bu. Ord. ltr. (confidential)S78-1 (26 MK 53)("C3a) MEK:lmn 5 Oct 1948.

MK 42 Primer (Electric)

Naval Ordnance Specification 1712.  
Bu. Ord. Airmail spd ltr S78-1 (53)(Pr6c)GAO:is dtd 3 May 1948 par. (a) (b) and (d).

MK 4 Miniature Practice Bomb Signal

Naval Ordnance Specification 3799  
Bu. Ord. ltr. F41-10 (13) (QC3a)

MK 1 Bomb Ejector

Naval Ordnance Specification 3796.

XB-31 A

Inspection to Bu. Ord. drawings until specifications become available.

MK 1 Personnel Ejection Catapult Cartridge.

Bu. Ord. ltr. S78-1 (127) Pr6c GAO:is dtd 3 Dec 1948.  
Bu. Ord. spd. ltr. S78-1 (127) Ma3a-1 GAO:is dtd 6 May 1949.  
Bu. Ord. spd. ltr. S78-1 (127)(Ma3a-1) GAO:is dtd 28 June 49.

MK 11 Tracer

Bu. Ord. ltr. NP30(OC3e)RLM/ml1 dtd 8 Oct 1948.  
N. T. X. Pr6c 012048Z.

Project Orders 56734, 55705, 56755, 20723, 56750.  
Inspected to Bu. Ordnance drawing and specifications listed on same.

**CONFIDENTIAL**

ENCLOSURE (A)

080149

0288



Employees in the Inspection Department with a brief description of duties.

	<u>RATE</u>	<u>DUTIES</u>
W. A. Schofield	CAF-11	Adm. Dept. Head.
K. C. Wages	CAF-2	Clk.-Typist: Department correspondence, prepares mimeographs, etc.
V. E. Harris	CAF-4	Statistical Clerk: Computes all statistical data for V. T. Fuze program. Prepares Bi-Weekly Report on Electrical characteristics of Monitor also distribution chart on condenser leakage. Prepares and maintains quality performance record NAVEXOS-2270. Also maintains all graphs etc. As required by BuOrd ltr (Pr6c) (GAO)/MEK:br, item 6, paragraph (c)(2).
Ann Stanley	P-2	Chemist: Takes daily water analysis and plating solutions tests. Analysis of metals, paints, varnish, etc. Tests fuel and machine cutting oils. Mixes chemical as required for cleaning purposes. Moisture test of explosives also granulations, etc.

EXPLOSIVE LOADING & TESTING INSPECTION

W. Sorrells	CAF-7	Inspection Supervisor of explosive loading in charge of inspectors working on the following projects: N-6498, 20716, 20717, 10723, N-6693, 56709, N-6720724, 56753, 50703-48, 50707-49, 56743, 77768, 56705, 77838, 14818, also functional testing of loaded material.
-------------	-------	--

V. T. PROGRAM - PROJECT 77838

W. T. Bailey	CAF-4	Quality Control V. T. Fuze. Measures and records on OA Checker 30 samples daily from each lot of all the electric characteristics of the Monitor. Takes sample of 30 from each and checks condenser leakage for truncation value. Takes daily correlation readings also, bi-weekly pole test samples. As required by BuOrd ltr(Pr6c)GAO/MEK:br, item 6, par. (c)(1)(4)(5).
H. Hooper	CAF-5	Directs supervision of the V.T. Fuze Inspection Program. Includes inspector

**CONFIDENTIAL**

H. Hooper (Continued)

on production, checking of the electrical characteristics of the monitor, visual and final inspection. Prepares rejection reports. Maintains strict control of fuzes. Selects Ballistic test and pole samples. Maintains control of all rejected units of the V. T. Fuze. Keeps record of reason for rejection on each lot.

J. Elsassner	Ord.Wkr.)	Checks V. T. Monitor for condenser leakage, also O & A Sen. as required by BuOrd ltr (Pr6c) GAO:MEK dtd 12 March 1948, item 4, par. (b) sub-paragraph (1) a &
W. Cross	Ord.Wkr.)	
W. Beck	Ord-man)	Assist in the above during absence on leave etc. Visual inspection of monitor energizers and marking, as required by BuOrd ltr (Pr6c) GAO:MEK:br dtd 12 March 1948, item 4 par. (b), incl. (B) Checks energizers on DZ checker, as required by BuOrd ltr (Pr6c) GAO/MEK:br dtd 12 March 1948, item 4, para. (2) sub-paragraph (1). Tests fuzes for leakage and inspection locking pin hole as required in above ltr. item 5, par. (c).
T. R. Polk	Ord-man)	

MK 42 PROJECT N-6498-20716-20717-10723-N6393

L. D. Gowder	Munition Wkr)	Checks resistance of bridge wire after soldering, also mica washer before assembling. BuOrd airmail spdltr S78-1 (53) (Pr6c) GAO:is dtd 3 May 1946, paragraph (c), and NavOrd O.S. 1712, paragraph F-4b.
R. Rogers	Munition Wkr)	
B. Etheridge	Munition Wkr	Checks resistance of bridge wire after loading XC-9 compound, also after element has been assembled in the stock. As required by BuOrd airmail spdltr S78-1 (53) (Pr6c) GAO:is dtd 3 May 1946, paragraph (b), and NavOrd O.S. 1712, paragraph F-4b.
L. Barfield	Ord.Wkr.)	Final check of resistance of bridge wire on completed primer, also 100% check on weight of primer. Inspect end cup and marking, pack, as required by BuOrd airmail spdltr S78-1(53)(Pr6c) GAO:is dtd 3 May 1946, paragraphs (a) (c) and NavOrd O.S. 1712, paragraph F-4c.
E. Causey	Mun.Wkr.)	

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9

DECLASSIFIED

SEARCHED BY TROUBLE IN BULLY GEAR

D. Moore

Ordnanceman Inspects on quality control weight of black powder, marking, putple lacquer, bakelite varnish on element, adapter and tube. As required by applicable BuOrd drawings.

MARK 4 MOD 3 BOMB SIGNAL PROJECTS 77768-56705

W. Osborne

Mun.Wkr. Inspects for presence of smokeless powder and red phosphorous, max. dia., overall length, waterproofing, marking. As required by BuOrd ltr NOrd 10038 (Pr6c)PAD:is dtd 12 March 1948, paragraph 1 (a) (b), BuOrd ltr F41-10(13) (Pr6c)PAD dtd 15 Oct 1948, paragraph 2 (a), (b), and (c), NavOrd Spec. 3799, and BuOrd Dwg. 398800.

MARK 1 MOD 2 BOMB EJECTOR PROJECT 56709

W. E. Daniels

Mun.Wkr.) Check resistance of element after bridging, loading and assembled in head. Crimping max. dia. overall length, marking, weighing for powder charge. As required by NavOrd O. S. 3796, paragraph F-2b, F-2c, and F-4.

E. J. Cliatt

Mun.Wkr.)

W. Harrison

Ord.Wkr.)

W. Jackson

Ordnanceman) Functional testing of all material listed on projects above and as required by specifications or directives; also firing. Such as vibration, jolting, jumble, drop, sensitivity test on primer detonators. Firing time of elements as required. Special tests as required by task assignment, surveillance test, etc. Invoices acceptable material in stores.

L. Gay

Mun.Wkr.)

XB-31A PROJECT 6708, 20724, 56756

Not in production, therefore, no personnel assigned. If V. T. program runs out will assign one or two as required to this project.

MARK 1 MOD 0 PROJECT 50703-48-50707-49

No personnel assigned as it is not under full production. However, if inspection is to be carried out in accordance with previous instructions and Bu's letter of 28 June 1949 the approximate number of inspectors to carry out this assignment on a 1000 daily schedule will be:

- 4 -  
CONFIDENTIAL

100% check on case 1  
 100% check on heads 1  
 100% weight of primer 1  
 100% Dimensional check of primer dimensions 1  
 100% weighing of black powder charge 1  
 100% weighing of propellant 1  
 100% weighing of complete cartridge 1  
 100% check for leakage 1  
 100% check for height of primer and crimp with head surface, overall length, dia., presence of purple lacquer and marking. 1

As required by BuOrd letter S78-1(127)(Pr6c)GAO:is dtd 3 Dec 1948 and BuOrd spdltr S78-1(127)(Ma3a-1)GAO:is dtd 28 June 1949, paragraphs (a), (b), (c), and (d). 9

When V. T. program runs out, required personnel can be assigned to this project if under production. Personnel assigned will depend on daily production. There will have to be a reduction in force in the Inspection Department when the V. T. program is complete unless other work is assigned to absorb the personnel.

MARK 11 TRACER PROJECT 56706

Not under production.

For inspection of tracer during loading 2 As required by NavOrd O.S. 3978, par. F-1

For checking burning time on each lot of powder mix. 2 As required by BuOrd letter S78-1(40MM) (Pr6c)GAO:br dtd 7 Feb 1949, par. 3.

INERT INSPECTION CONTROL 4

M. Weaver CAF-7 Inspection Supervisor. In charge of personnel inspecting component parts manufactured at this activity and purchased. Parts manufactured are for those projects listed under Mr. Sorrells, also 56734, 55705, 56755, 20723, 56750.

Lindsey Dixon CAF-5 Inspection of purchased material to blue prints and specifications. This includes all general purchases and ord. material. Medical supplies not included.

Lindsey Dixon (Continued)

As required by Plant Ord. No. 31-48 and Navy Reg. Art. 1611, Section 4, Chapter 43.

J. P. Gilman CAF-3

Assists in the above.

I. C. Pennington CAF-4

Maintains records and control of all inspection gages. Care of and return to N. G. F. when no longer required. Also, inspection of component parts.

L. Combes CAF-3

Inspects for plating in the Plating Department 5-B.

M. Bland CAF-3 )

J. Couey Ord-man )

Charles Ivey Ord-man )

C. Ketchie Ord-man Final) )

C. Middlebrooks Ord-man )

W. Pittman Ord-man )

H. Procter Ord-man )

James Sherling Ord-man )

H. Turner Ord-man )

O. Ussery Ord-man )

H. Roberts Ord-man )

Inspection of component parts on all projects listed with immediate supervisor above. May be assigned to inspect Ordnance parts purchased when large amounts are received and as required. Also, inspect Ord. material that is stored and check before shipping to other activities for experimental purposes.

A. Gilman CAF-4

Machine Process Quality Control. Prepares all charts for parts placed under control, calculates range also upper, lower and modified limits for part being charted. Sets up all gages to .0002 and .0005 inch used on quality control. Notifies leadingman when parts is out of control and enters data on cause.

A. Price Ord-man

Draws samples at approximately 20 minute periods for measuring parts that are placed under machine control. Enter measurement on data chart. If samples are out of control all parts machines in the 20 minute period must be screened by them.

C. Jackson Ord-man

Inspects component parts at machines that are not under control. Inspects at machine new parts just going into production to check operation set up.

Above inspections of inert materials are made in accordance with BuOrd drawings and with Inspection Administration Manual, Chapter, D, Appendix 10.

CONFIDENTIAL

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0288

NA

A7-3/A9-3:Pl6-1/ND6  
(60-DD100-St)  
Serial #012X60

End-1 on CO, USNOP, Macon, Ga. conf spdltr  
NP30/Pl6-1/L9-3/QR (AD) Ser 0980  
to BuOrd via ComSix dtd 26 July 1949

**CONFIDENTIAL**

3 AUG 1949

From: Commandant, Sixth Naval District  
To: Chief, Bureau of Ordnance, Section Ma3a-1, Navy Department,  
Washington 25, D. C.

Subj: Revised Macon Workload.

1. Forwarded.

2. It is recommended that the Naval Ordnance Plant, Macon, Georgia, be authorized to furnish overhaul and repair service to vehicles assigned to the Naval Reserve Training Center, Macon, on a reimbursable basis from funds allocated to the Naval Reserve Training Center for that purpose.

*R. W. Hayler*  
R. W. HAYLER

CC:  
CO, USNOP, Macon, Ga.

**CONFIDENTIAL**

080549 0216

REGISTERED MAIL

4686

DECLASSIFIED

U.S. GOVERNMENT PRINTING OFFICE

# NAVAL SPEEDLETTER

NAVAL SPEEDLETTER Form NAVGEN-49

- Is for urgent messages not requiring telegraphic transmission.
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  - Is designed for Navy-wide use without change (1 September 1943, Navy Department Bulletin).
  - Does not clear through communication offices.
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  - May be sent (1) air mail and/or special delivery, (2) with enclosures, (3) to nonnaval activities, (4) in window envelope.
  - Provides space for inserting "From" above "To" if activity's correspondence format so requires.
  - Available upon request from Publications Division, Administrative Office, Navy Department, Washington 25, D. C., in pads of 25 sets, each set comprised of 1 white, 1 yellow, 1 pink, 1 green.
- Additional pads of 100 available in white (NAVGEN-49A), in pink (NAVGEN-49B), and green (NAVGEN-49C).

IN REPLY  
REFER TO:

NP30/P16-1/L9-3/QR (AD)  
Serial: 0980

26 July 1949

TO: Chief of the Bureau of Ordnance  
Section Ma3a-1  
Navy Department  
Washington 25, D.C.

*NP30*  
*Ma3*  
*Ma4*

Via: Commandant, SIXTH Naval District

INDICATE HERE IF CLASSIFIED

**CONFIDENTIAL**

Subj: Revised Macon Workload.

Refs: (a) BuOrd Conf. Spdltr NP30(Ma3a-1)LLabr of 7 July 1949  
(no copy to ComS).  
(b) Part III Logistics Chapter 2 Supply Handbook for U.S.  
Naval Reserve Training Activities, Sixth Naval District.

1. In reference (a), which has to do with reducing NOP Macon employees to the minimum required to meet the revised work program for Macon, the statement appears, "The Bureau of Ordnance is not prepared to support peacetime operations of its plants on any basis other than anticipated (Project) workload and normal functions of the Plant mission".

2. In reference (b), section 7, (Services for Navy Vehicles), paragraph 7.4, it is stated, "All regular overhaul or repair services shall be procured at a Navy garage or, if none is available, by requesting a purchase order or contract, as outlined in Section 4 of this Handbook".

3. A decision is requested as to whether or not Naval Ordnance Plant, Macon garage is available for overhaul and repair service for Naval Reserve Training Center vehicles.

- 1 -

COPIES TO

SIGNATURE AND TITLE

*R. S. Caldwell*  
R. S. CALDWELL  
Commanding Officer

SENDER'S MAILING ADDRESS (INCLUDE OFFICE SYMBOL, IF DESIRED)

COMMANDING OFFICER  
U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA.

ATTENTION ADDRESSEE: Speedletter reply should be addressed as here shown, to insure prompt routing of reply.

**CONFIDENTIAL**

16-43408-3 U. S. GOVERNMENT PRINTING OFFICE

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- Additional pads of 100 available in white (NAVGEN-48A), in pink (NAVGEN-48B), and green (NAVGEN-48C).

IN REPLY  
REFER TO:

NF30/P16-1/L9-3/QR (AD)  
Serial: 0980

28 July 1949

TO: Chief of the Bureau of Ordnance  
Section Ma3a-1

Via: Commandant, SIXTH Naval District

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**CONFIDENTIAL**

4. At present, these vehicles consist of:

- 1 Station wagon
- 1 Pickup truck
- 1 Bus
- 1 Command car
- 1 Trailer (2-wheel)

5. The answer is desired in order to determine the minimum requirements for automotive mechanics.

- 2 -

COPIES TO	SIGNATURE AND TITLE <i>R. S. Caldwell</i> R. S. CALDWELL Commanding Officer
	SENDER'S MAILING ADDRESS (INCLUDE OFFICE SYMBOL, IF DESIRED)  COMMANDING OFFICER U. S. NAVAL ORDNANCE PLANT MACON, GEORGIA.
ATTENTION ADDRESSEE: Speedletter reply should be addressed as here shown, to insure prompt routing of reply.	

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A7-S/A9-S:FL6-1/RDG  
(80-DD100-St)  
Serial #012160

End-1 on CC, USNWP, Macon, Ga. conf spdltr  
NP50/FL6-1/LA-S/QR (AD) Ser 0980  
to BuOrd via ComSix dtd 26 July 1949

**CONFIDENTIAL**

3 AUG 1949

From: Commandant, Sixth Naval District  
To: Chief, Bureau of Ordnance, Section MA3a-1, Navy Department,  
Washington 25, D. C.

Subj: Revised Macon Workload.

1. Forwarded.

2. It is recommended that the Naval Ordnance Plant, Macon, Georgia, be authorized to furnish overhaul and repair service to vehicles assigned to the Naval Reserve Training Center, Macon, on a reimbursable basis from funds allocated to the Naval Reserve Training Center for that purpose.

R. W. HAYLER

CC:  
CO, USNWP, Macon, Ga.

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# NAVAL SPEEDLETTER

Speedletters are used for the quick transmission of information on matters of importance. They are subject to the same restrictions as ordinary mail. They are not to be used for the transmission of classified information. They are not to be used for the transmission of information that is so classified that its disclosure would be injurious to the national defense. They are not to be used for the transmission of information that is so classified that its disclosure would be injurious to the national defense.

IN REPLY, REFER TO:

OPERATIONAL INSTRUCTIONS  
NAVAL SPEEDLETTER

FORM 1-1958

TO:

Chief of the Bureau of Ordnance  
Ordnance Branch  
Navy Department  
Washington 25, D.C.

From: Commandant, SIXTH NAVY DISTRICT

CONFIDENTIAL

1. In paragraph (a), section 1, (Services for Navy Vehicles), it is stated: "The Bureau of Ordnance is authorized to process requests for repairs of the plants on any land other than equipped (fixed) aircraft and aerial craft of the Fleet." 2. In paragraph (b), section 7, (Services for Navy Vehicles), paragraph 7.4, it is stated: "All regular overhaul or repair services shall be procured at a Navy garage or, if none is available, by procuring a purchase order or contract as outlined in Section 4 of this Handbook."

3. A provision is requested to be added to the text of paragraph 7.4, which has to do with requests for repair services to the extent required to meet the revised text proposed for the Bureau of Ordnance. The Bureau of Ordnance is authorized to process requests for repairs of the plants on any land other than equipped (fixed) aircraft and aerial craft of the Fleet.

4. A provision is requested to be added to the text of paragraph 7.4, which has to do with requests for repair services to the extent required to meet the revised text proposed for the Bureau of Ordnance. The Bureau of Ordnance is authorized to process requests for repairs of the plants on any land other than equipped (fixed) aircraft and aerial craft of the Fleet.

5. A provision is requested to be added to the text of paragraph 7.4, which has to do with requests for repair services to the extent required to meet the revised text proposed for the Bureau of Ordnance. The Bureau of Ordnance is authorized to process requests for repairs of the plants on any land other than equipped (fixed) aircraft and aerial craft of the Fleet.

COPIES TO:

SIGNATURE AND TITLE

**E. S. CALDWELL**  
Commanding Officer

SENDER'S MAILING ADDRESS (Include office symbol, if desired)

COMMANDING OFFICER  
U. S. NAVAL ORDNANCE FLOT  
MACH, GEORGIA

ATTENTION ADDRESSEE: Speedletter reply should be addressed as here shown, to insure prompt routing of reply.

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16-42409-4 U.S. GOVERNMENT PRINTING OFFICE

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# NAVAL SPEEDLETTER

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  - Provides space for insuring "From" above "To" if activity's correspondence format so requires.
  - Field activities obtain supply from their District Publications and Printing Office.
  - Navy Department obtain supply from Records and Publications Section, Administrative Office, Navy Department, Washington 25, D.C.
  - Available in pads of 25 sets, each set comprised of 1 white, 1 yellow, 1 pink, and 1 green. Additional pads of 100 available in white, pink, and green.

NP30/P16-1/LB-3/QE (AD)

Serial: 0980

26 July 1949

TO: Chief of the Bureau of Ordnance  
Section N15a-1

Via: Commandant, SIXTH Naval District

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4. At present, these vehicles consist of:

- 1 Station wagon
- 1 Pickup truck
- 1 Bus
- 1 Command car
- 1 Trailer (2-wheel)

5. The answer is desired in order to determine the minimum requirements for automotive mechanics.

- 2 -

COPIES TO

SIGNATURE AND TITLE

**R. S. CALKINS**

Commanding Officer

SENDER'S MAILING ADDRESS (INCLUDE OFFICE SYMBOL, IF DESIRED)

COMMANDING OFFICER  
 U. S. NAVAL ORDNANCE PLANT  
 PAGO, GEORGIA.

ATTENTION ADDRESSEE: Speedletter reply should be addressed as here shown, to insure prompt routing of reply.

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10 DEC 1949

From: The Chief of the Bureau of Ordnance

To: The Chief of the Bureau of Supplies and Accounts  
 Navy Department  
 Washington 25, D. C.

Attn: SFD-1.

Subj: Requisition 273-5051-90 Naval Ordnance Plant, Macon for  
 manganese alloy #720.

*M. J. Polay*  
*Ma3a-1*  
*GAO*

Ref: (a) Conversation between Mr. J. Polay of BuOrd and  
 G. A. Owens of BuOrd on December 15, 1949.

1. The subject requisition covering the procurement of 510 pounds of manganese alloy #720 has been reviewed and it is requested that the quantity be increased from 510 pounds to 1500 pounds. It is understood by reference (a) that the cost of this material, which is used on the IS-31A Bomb Fuse, will be reduced from \$2.33 per pound to \$2.23 per pound and that delivery of 300 pounds will take place within five weeks after date of contract and continue at a rate of 300 pounds or more per week thereafter.
2. This increase will change the estimated cost of this material from \$750.00 to \$3,345.00. There are sufficient funds at the Naval Ordnance Plant, Macon to cover this increase.

A. G. NOBLE

H. Brandy  
 direction

Copies to:

Ma3a-1

Prepared 12/16/49  
 X-2702.

The Commanding Officer  
 U. S. Naval Ordnance Plant  
 Macon, Georgia

A

(B)

Ad (Esa) HSH/11t NP30

~~RESTRICTED~~

(Es)

From: Chief of the Bureau of Ordnance

Esa. HSH/11t 2/15/48

Commanding Officer  
U. S. Naval Ordnance Plant  
Macon, Georgia

17 FEB 1949

PL

Subj: Information for Department of Labor in Connection  
with Hearings Relating to Certain Aspects of  
Contractor Operation of Naval Ordnance Plants,  
Macon and Milledgeville, Georgia.

Pr

(Pra)

Encl: (A) List of Personnel.

2-15-49

Mn

1. The Secretary of Labor has requested assistance of Naval Ordnance Plant, Macon in furnishing records and information bearing on a hearing under provisions of the Walsh-Healey Public Contracts Act to determine liability of the Reynolds Corporation for substantial sums in liquidated damages arising from the employment of child labor during the period of the corporation's operation of the subject plants.

Re

2. The Commanding Officer is requested to furnish such personnel and payroll records as are available for the individuals listed on Enclosure (A), and to render such other assistance as may be required by Labor Department Inspectors in their investigation.

Qc

3. In the case of records not available at Macon for former employees of Naval Ordnance Plant, Milledgeville, it is requested that the Inspectors be referred to the Naval Records Management Center, Naval Supply Depot, Mechanicsburg, Pa. where, it is understood, such records are now stored.

Fi

A. G. NOBLE

Sp

CC: Director  
U. S. Naval Records Management  
Center  
Naval Supply Depot  
Mechanicsburg, Pa.

M. R. Kelley,  
Acting

In

(Le) 2/15/48

Pra oco 16-20171-2 Adlb  
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Prep. 2/15/48  
Ext. 62362

~~RESTRICTED~~

ADDRESSES REPLY TO  
BUREAU OF ORDNANCE, NAVY DEPARTMENT  
AND REFER TO

(Esa)-HSH:bg

NAVY DEPARTMENT  
BUREAU OF ORDNANCE  
WASHINGTON 25, D. C.



MEMORANDUM FOR FILES

9 April 1948

*NP31*

*NP30*

Subj:

Memorandum of telephone conversation between  
Captain Harnly (BuOrd) and Captain Sturgis,  
(CO. NOP)Macon, Georgia, on 9 April 1948,  
at 1000.

*Fules*  
*28*

*041518 0046*

Captain Harnly: I am calling about several items that I checked  
up on during my visit to Macon early this week  
and which we would like to initiate action on  
right away. They are as follows:

Look into the possibility of transferring  
charges from Project Order 7572 (Milledgeville  
roll up project) to Project Order 7571 (Macon  
inactivation project). Wherever you find  
borderline charges that can be equally well  
transferred from the Macon project to the  
Milledgeville project, we would like for you  
to do it. We would like to build up the funds  
in the Macon project.

We would like for you to go ahead with your  
project to drill a well to supply water to the  
plating unit and want you to charge this against  
the Macon Project No. 7571. This will require  
a Bureau of Yards and Docks contract and we want  
a letter from you right away telling us what  
size well and what size pump you will need.

We looked into the possibility of utilizing funds  
in the Milledgeville inactivation project to con-  
struct additional machine shop space at Macon  
but our Fiscal people turned thumbs down on  
such action. Now, we would like to get a roughed  
up engineering study of the new construction  
necessary to cover over the space between the  
inert storehouses containing your machine shops  
and would also like to get an engineering study  
and roughed up plan of an additional machine shop  
space nearby.

As I understand it, the architect who layed out  
your present plant is available for this work

want you to try first to get your travel from the District Commandant. If this fails, let us know and we will try to take care of it in the Bureau.

I looked into the possibility of getting Smith into the regular Navy but I am informed that there has been no change in policy that would permit this thus far.

We want to cut you back by 10 IVB positions right away. Is that all right?

Captain Sturgis: Can you hold that up until 1 May?

Captain Harnly: No, we will need the positions right away for White Oak.

Captain Sturgis: That is all right if you don't reduce our over-all ceiling.

Captain Harnly: We will raise your per diem ceiling by 10 positions to make up for the loss of the 10 IVBs.

Captain Sturgis: Have you heard anything about our pay raise?

Captain Harnly: I talked to Admiral Nibecker about two days ago and he said that it was in the mill and he said they would get the raise eventually. I have a call in now for Captain Bird on this subject but he is in a conference and I haven't been able to talk to him yet. We will follow up on it.

*W. S. Harnly*  
W. S. HARNLY

041518 0046

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

Refer To No.  
NP30/LL/N6 (SD)  
Serial: 4174

NP30  
+ NP31  
ES  
Kamm

15 April 1948

From: Commanding Officer  
To: Chief of the Bureau of Ordnance

Subj: Naval Ordnance Plant, Macon, Georgia - Approval for the  
Expenditure of Funds for Construction of a Scrap Metal  
Storage Building; request for

Refs: (a) ChBuOrd ltr NP30 (F1-1a)MCR:mcb dtd 10 Sept 1947.  
(b) ChBuOrd ltr NP30 (Es3-1)VGS:ilp dtd 2 Apr 1948.

1. The transfer of scrap storage facilities from the Naval Ordnance Plant, Milledgeville, Georgia, to the Naval Ordnance Plant, Macon, Georgia, was believed by the Commanding Officer to be a correct charge against the Macon Project Order 7571, as amended by reference (a). Since the material salvaged from the Milledgeville bins was to be used in the construction of the Macon bins upon the removal of the bins at Milledgeville, work was commenced on the Macon storage bins and the proposed structure is now nearly completed. In view of the funds remaining in the Milledgeville inactivation project 7572, it is requested that this project be charged to these funds.

2. A breakdown of cost and information concerning an estimate of scrap to be accumulated within the next twelve months, as requested in reference (b), is as follows:

<u>Type of Scrap</u>	<u>Estimated Accumulation</u>	<u>Unit Price</u>	<u>Total</u>
Brass borings and turnings	550,000 lbs.	\$ .10	\$55,000.00
Steel Turnings	6,000 lbs.	.01	60.00
Steel, Miscellaneous	20,000 lbs.	.01	200.00
Copper Scrap	3,000 lbs.	.15	450.00

3. The above estimate is controlled by the production schedule. All sales are handled by the Supply Officer, Charleston Naval Shipyard, S. C., with payment direct to the Central Navy Disbursing Officer, Sixth Naval District, Naval Base, S. C., for deposit to Miscellaneous Receipts.

CC:  
BuDocks  
ComSix

*Russell G. Sturges*  
RUSSELL G. STURGES





U. S. NAVAL ORDNANCE PLANT

MACON, GEORGIA

OFFICE OF COMMANDING OFFICER

Refer To No. NP30/NP31/A3-1 (AD)  
Serial: 4334

18 May 1948

MP30

From: Commanding Officer  
To: Chief of the Bureau of Ordnance

ES  
mid

Subj: Information Regarding Consolidation of NOP Milledgeville  
and NOP Macon at Macon, Georgia - Forwarding of.

1. On 24 June 1947, the Chief of the Bureau of Ordnance notified this activity that the Naval Ordnance Plant at Milledgeville, Georgia, would be inactivated and all essential production machinery, material, and accessories would be moved to the Naval Ordnance Plant, Macon, Georgia. It was further instructed that the move should be planned and effected to entail a minimum loss of production time.

2. The following information is submitted regarding this move:

- (a) Three tractors and four low-bed trailers, plus three vans, were used to make the move.
- (b) One International tractor and three trailers were obtained on a loan basis from the Army Air Force, WRAMA, Warner Robins, Georgia.
- (c) The distance from NOP Milledgeville to NOP Macon is 38 miles and trucking had to be routed through the business section of Macon, Georgia.
- (d) The first truck load was received at NOP Macon on 13 August 1947 and the last truck load was received on 11 May 1948.
- (e) A total of 444 truck loads of equipment was transferred.
- (f) Approximate total weight involved in above move was 11,000,000 lbs.
- (g) Above included 375 production machines, two large cadmium plating units, and approximately 3,000,000 lbs. of bar stock, plus miscellaneous material.
- (h) The largest production machines moved were 2 5/8" Cone Automatic Screw Machines, weighing 22 tons each.
- (i) This move was effected without a single road accident or damage to machines or equipment being moved.

3. The above brief report is submitted for information only.

*Russell G. Sturges*  
RUSSELL G. STURGES

102148 0369

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA

OFFICE OF COMMANDING OFFICER

Refer To No. NPSO/HPS1/AJ-1 (AD)  
Serial: 4334

18 May 1948

From: Commanding Officer  
To: Chief of the Bureau of Ordnance

Subj: Information Regarding Consolidation of NOP Milledgeville  
and NOP Macon at Macon, Georgia - Forwarding of.

1. On 24 June 1947, the Chief of the Bureau of Ordnance notified this activity that the Naval Ordnance Plant at Milledgeville, Georgia, would be inactivated and all essential production machinery, material, and accessories would be moved to the Naval Ordnance Plant, Macon, Georgia. It was further instructed that the move should be planned and effected to entail a minimum loss of production time.

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- (e) A total of 444 truck loads of equipment was transferred.
- (f) Approximate total weight involved in above move was 11,000,000 lbs.
- (g) Above included 375 production machines, two large cadmium plating units, and approximately 5,000,000 lbs. of bar stock, plus miscellaneous material.
- (h) The largest production machines moved were 2 5/8" Cone Automatic Screw Machines, weighing 22 tons each.
- (i) This move was effected without a single road accident or damage to machines or equipment being moved.

3. The above brief report is submitted for information only.

RUSSELL G. STURGES

052148 0369

(A)

(B) *6/17*

SP30  
(Sala)-VPA/ky

Ad

From Chief of the Bureau of Ordnance

(Es) *7/17*

For Commanding Officer  
U. S. Naval Ordnance Plant  
Macon, Georgia

18 JUN 1948

ESa *10/3/46*

ESl *10/3/46*

ESla *10/3/46*

PL *10/3/46*

Est *10/3/46*

Subject U. S. Naval Ordnance Plant, Macon, Georgia - Consolidation  
of Naval Ordnance Plant, Hillsdaleville Functions and  
Naval Ordnance Plant, Macon at Macon, Georgia.

Pr

(a) HQP Macon ltr RPOC/SUPM/AN-1(AR) Serial 4584  
dtd 18 May 1948 to SACM.

Mn

1. Reference (a) reported the manner in which the essential  
production machinery, material, and accessories had been moved from  
the Naval Ordnance Plant, Hillsdaleville, to the Naval Ordnance Plant,  
Macon, Georgia, with a minimum loss of production time.

Re

2. The personnel responsible for planning, directing, and executing  
this move should feel a real sense of accomplishment in this con-  
solidation. The Chief of the Bureau feels that congratulations are  
in order for a difficult and important job well done.

L. C. NOBLE

Qc

CC: PL  
Pr  
N2I  
N2a  
A21b

L. C. Noble (signed)

Fi

Prepared 6/16/48  
Ext. 62789

Sp

In

Le

627148 62789  
GPO 16-50171-2

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA

Refer to No.

NP30/A9-4/L24-1 (IM)  
Serial: 4722

RESTRICTED

5 August 1948

*NP30  
Pr6c  
AS*

From: Commanding Officer  
To: Chief of the Bureau of Ordnance, Section Pr6c

Subj: Monthly Production Progress Report

Refs: (a) BuOrd ltr NP30 (ada) MB: jlk dtd 29 Dec 1947.  
(b) BuOrd ltr NP30 (Pr6c) LL:br dtd 14 Jan 1948.

Encls: (A) Three (3) copies of Monthly Production  
Progress Report.  
*MD* (B) Three (3) copies of Breakdown of Project  
Orders 7191, N-6387 and N-6270.

1. In compliance with references (a) and (b), Production Progress Report for the period 26 June through 24 July 1948 is enclosed, together with Breakdown of Projects 7191, N-6387 and N-6270.

*Russell G. Sturges*  
RUSSELL G. STURGES

081048  
0141

DECLASSIFIED

SEARCHED INDEXED SERIALIZED FILED

840180

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA

Refer to No.

NP30/AS-4/124-1 (IM)  
Serial: 4722

RESTRICTED

5 August 1948

From: Commanding Officer  
To: Chief of the Bureau of Ordnance, Section Pr6c

Subj: Monthly Production Progress Report

Refs: (a) BuOrd ltr NP30 (ada) MB:jk dtd 29 Dec 1947.  
(b) BuOrd ltr NP30 (Pr6c) LL:br dtd 14 Jan 1948.

Encls: (A) Three (3) copies of Monthly Production  
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(B) Three (3) copies of Breakdown of Project  
Orders 7191, N-6387 and N-6270.

1. In compliance with references (a) and (b), Production  
Progress Report for the period 26 June through 24 July  
1948 is enclosed, together with Breakdown of Projects  
7191, N-6387 and N-6270.

RUSSELL G. STURGES

081048 0141

COMPONENT	BUORD DRWG.	COMPLETED	CUMULATIVE TOTAL	CUMULATIVE TOTAL
		28 June thru 28 July	through 28 July	through 31 July
14. P673 Primer Stock & Insulator Sub-Assembly	B-585406	25,973	44,589	47,507

\* All machining operations have been completed upon an additional 17,000 MK39 Extension Tubes, Dwg. B-584095 and upon 2,000 MK40 Extension Tubes, Dwg. B-583582.

		PROJECT ORDER N-6387	MK42 Electric Primer	
1. P451 Primer Stock	685429	92,566	98,181	121,965
2. P452 Primer Tube Mod 1	685431	94,118	166,227	193,124
3. P532 Primer Tube Mod 0	B-685391	1,562	267,923	267,923
4. P453 Inner Cup	685434	69,976	78,975	89,973
5. P455 Ignition Element Cup	685435	27,013	27,013	37,116
6. P456 Electrode	685432	146,876	161,761	161,761
7. P457 Electrode Insulator	685436	69,998	84,991	94,988
8. P458 Spacer	685433	59,313	64,312	69,232
9. P459 Ignition Cup Insulator	685438	71,092	87,272	120,664
10. P460 Adapter Plug	685430	20,429	20,429	20,429

<u>COMPONENT</u>	<u>BUORD DRWG.</u>	<u>COMPLETED</u> 28 June thru 24 July	<u>CUMULATIVE TOTAL</u> through 24 July	<u>CUMULATIVE TOTAL</u> through 31 July
11. P463 Ignition Element Disc	686437	180,263	240,258	522,236
12. P464 Closing Disc	686440	40,000	60,050	60,050
13. P553 Primer Stock Insulator	B-584104	49,535	60,535	66,033
14. P466 Primer Stock & Insulator Sub- Assembly	686423	28,995	28,995	61,249
15. P469 Bridge Wire Sub- Assembly	686425	63,425	68,585	73,502

\* All machining operations have been completed upon an additional 90,000  
MK42 Mod 1 Primer Tubes.

PROJECT ORDER N-6270

1171 MK37 Mod 1 Primer  
12275 MK38 Mod 1 Primer

<u>COMPONENT</u>	<u>DRAWING NO.</u>	<u>COMPLETED THROUGH</u> 31 July	All Machining Operations Complete. Ready for Inspection
1. P-651 Primer Stock	NOPM P651	3,581	8,273
2. P-652 Extension Tube Mark 37	NOPM P652	966	220
3. P-662 Extension Tube Mark 38	NOPM P662	-	5,000



COMPONENT

DRAWING NO.

COMPLETED THROUGH  
31 July

All Machining Operations  
Complete Ready for  
Inspection.

4. P-673 Retaining Plug and Insulator Sub-Assembly	NOPM P673	10,460	-
5. P-670 Retaining Plug	NOPM P670	2,600	-

All remaining components are common to the Mark 37, Mark 38 and Mark 39 and are being processed on a basis of non-interference, with established schedules for the Mark 39 and Mark 42 Primers.

NP30  
(In)AJC/csp

NAVY DEPARTMENT  
BUREAU OF ORDNANCE  
WASHINGTON 25, D.C.

23 November 1948

R E S T R I C T E D

From: The Inspector of Naval Ordnance Establishments. NP30  
 To: ~~A~~  
 Via: B B  
 Subj: Report of Inspection of U. S. Naval Ordnance Plant, a  
 Macon, Georgia, on 17-18 November, 1948. 116470  
 Ref: (a) BuOrd Order #44-46. 2000  
 Encls: (A) Conditions Remediable by the Commanding Officer  
 (hw) without reference to the Bureau, i.e., Deviations  
 from Promulgated Instructions and Safe Practices.

1. The Inspector of Naval Ordnance Establishments inspected the Naval Ordnance Plant, Macon, Georgia, in accordance with reference (a) on 17-18 Nov., 1948. Following the inspection, a conference was held with the Commanding Officer to discuss substandard conditions noted. Copies of the field notes for enclosure (A) were furnished to the Commanding Officer.

2. The inspectors were Captain A. J. Couble, USN, and Mr. William B. Murphy, Bureau of Ordnance Industrial Safety Engineer.

3. A resumé of the conditions found is presented below; substantiating details are provided in enclosure (A):

- |                                    |                                |
|------------------------------------|--------------------------------|
| (a) Safety Organization and Admin. | Good.                          |
| (b) Explosives Safety              |                                |
| Magazine Areas and Stowage         | Excellent, except for Item 23. |
| Operating Procedures               | Excellent.                     |
| (c) Industrial Safety              | Very Good.                     |

*J. Couble*  
 J. COUBLE  
*mc*

Copy to:  
 Es(6), Fr, Pr6, Pr6b(2), Mn, Mn2, Sp, Ad, Ad1b - all with enclosures.

R E S T R I C T E D

(In)

R E S T R I C T E D

E N C L O S U R E (A)

NOP, Macon, Ga.

CONDITIONS REMEDIABLE BY THE COMMANDING OFFICER WITHOUT REFERENCE TO THE BUREAU, i.e., DEVIATIONS FROM PROMULGATED INSTRUCTIONS AND SAFE PRACTICES.

General note: Any comment or deficiency noted as to a specific location, condition, or arrangement may be applicable to similar equipment, condition, etc., at other locations and accordingly should be checked at all other such locations as to need of correction.

INDUSTRIAL AND GENERAL SAFETY

1. (a) Industrial accident experience NOP, Macon, Georgia.

A review of the Plant's lost-time accident experience shows:

Year	Lost Time Accidents*		Motor Vehicle Accident Record Miles/Accident
	Frequency	Severity	
1947	8.82	0.112	26,228
1948(Jan-Oct)	3.73	0.038	No Accidents
<u>All BuOrd Average</u>			
1947	9.41	0.734	77,873
1948(Jan-Sep)	6.03	0.378	68,159

\* Lost time accident frequency rate is the number of lost time accident per million manhours. Lost time accident severity rate is the number of days lost per thousand manhours.

(b) Analysis of the first aid injuries indicates that most injuries were finger and hand injuries caused by hand tools slipping, getting cut by sharp objects and material, etc. There were some first aid injuries resulting from handling heavy or bulky objects.

(c) The latter type accidents provide a clue to the lost time accidents, two-thirds of which have occurred while handling or moving heavy materials, objects or equipment. It is believed that supervisors should be on the alert to see that employees follow out safe practices particularly where the job involves the handling of heavy or bulky objects.

R E S T R I C T E D

- 1 -

ENCLOSURE (A)

112448  
0230

(in)

R E S T R I C T E D

1. (d) The safety organization for an ordnance activity should get better and more direct support from the command when it is placed in accordance with paragraph 3(a) of BuOrd. ltr. 19-7/(Esla) of 30 April 1947, i.e., as a staff function directly under the Commanding Officer.

(e) Training of employees in safety techniques may most profitably be advanced in short weekly periods of instruction of their men by the various supervisors.

2. Fork trucks used for high stacking should be equipped with overhead cover guards.

3. A program for maintenance and sterilization of personal protection equipment should be inaugurated. The safety officer should maintain very close liaison with this program and should be responsible for making decisions, in this field which affect the overall safety program.

4. CA-1's (Employee's notice of injury and original claim for compensation and medical treatment) should be filed by employees in accordance with instructions covering all occupational injuries.

5. Because of the danger of beryllium poisoning, florescent lamps should be broken up only when employees are wearing respirators and provided with gloves. Broken tubes should be placed in covered receptacles, to avoid dispersion of poisonous dust of the phosphor beryllium coating of the tubes.

6. About two or three hours per week are spent by fire chief in giving motor vehicle driver tests. These tests require the fire chief to be absent from the reservation. Consideration should be given to placing driver testing under the transportation division (as is generally the case) to avoid necessity of fire chief leaving the station for purposes not connected with his duties as fire chief.

R E S T R I C T E D

- 2 -

ENCLOSURE (A)

R E S T R I C T E D

7. Building 3.

(a) Exhaust ventilation should be provided for the welding operation in the Sheetmetal Shop.

(b) A jig for holding taps and thread gages should be provided in the Tool Room to eliminate the need for holding parts in the hands when being cleaned by high pressure air. Whenever possible air for bench cleaning should be reduced to 5 lbs. per sq. in.

8. Building 3A, Garage.

(a) The Curtis air compressor should be equipped with a drain off valve at bottom.

(b) A no smoking sign should be placed at the gasoline vent pipe at north side of building.

9. Building 5F, Section 2, Manufacturing. The cover on the trichlorethylene degreaser should be straightened out. Further steps, as necessary, should be taken to prevent vapor from this process from escaping into the shop working area.

10. Building 5A, Section 1, Storage.

(a) Storage bins at the center of the storage section should have the lower partitions straightened out.

(b) Sideplates should be replaced on the twin abrasive stand. The worn-out wheel should be replaced.

(c) The guard over the small metal saw should be fastened securely.

(d) The access ladder to the switch panels at the south partition wall should be lashed to prevent movement when a man is climbing.

R E S T R I C T E D

- 3 -

ENCLOSURE (A)

DECLASSIFIED

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

(in)

R E S T R I C T E D

11. Building, 5A, Section 2, Manufacturing.

(a) The large abrasive wheel apparently is out of round. This should be corrected.

(b) The trap door to the transformer pit should be provided with a stop to prevent the bow guards of the trap door from being inadvertently withdrawn from their sockets.

12. Building, 3B, Carpenter Shop. The DeWalt saw should have guard placed on lower edge of saw blade.

13. Building 116, Paint Shop. The paint storage rooms at the south side should be provided with metal sheathed doors. These room should be provided with ventilation louvers. The air compressor in the paint spray room should be removed to a non-hazardous area.

14. Building 105B, Section 4, Supply.

(a) Grinding wheels should be stowed on edge in so far as possible to prevent damage.

(b) The planer should be provided with a protective screen partition at the discharge end.

15. Building 105B, Section 1, Supply.

(a) The mezzanine storage area stairway should be provided with hand-rails. It is recommended that permanent railings and toeboards be placed at ends and removable stanchions and chains should be installed at the loading sides.

(b) The cover should be replaced on the switch panel at south wall.

R E S T R I C T E D

- 4 -

ENCLOSURE (A)

DECLASSIFIED

Authority: 11/18/95 770

SEARCHED THROUGH THE NATIONAL ARCHIVES

(in)

R E S T R I C T E D

23. Magazine No. 46, TNT and dry tetryl. The explosives limit was not posted, but it was stated as having been set at 5,000 lbs. The magazine was found to contain about 6,200 lbs. of high explosives, which would be in excess of the stated limit.

24. Annual tests should be made of the grounding circuits of magazines in accordance with Art. 793, OP-5.

R E S T R I C T E D

- 6 -

ENCLOSURE (A)

1850  
312011

DECLASSIFIED

2025 RELEASE UNDER E.O. 14176

BUREAU OF ORDNANCE  
WASHINGTON 25, D.C.

23 November 1948

R E S T R I C T E D

From: The Inspector of Naval Ordnance Establishments.  
To: A  
Via: B

Subj: Report of Inspection of U. S. Naval Ordnance Plant,  
Macon, Georgia, on 17-18 November, 1948.

Ref: (a) BuOrd Order #44-46.

Encs: (A) Conditions Remediable by the Commanding Officer  
(hw) without reference to the Bureau, i.e., Deviations  
from Promulgated Instructions and Safe Practices.

1. The Inspector of Naval Ordnance Establishments inspected the Naval Ordnance Plant, Macon, Georgia, in accordance with reference (a) on 17-18 Nov., 1948. Following the inspection, a conference was held with the Commanding Officer to discuss substandard conditions noted. Copies of the field notes for enclosure (A) were furnished to the Commanding Officer.

2. The inspectors were Captain A. J. Couble, USM, and Mr. William B. Murphy, Bureau of Ordnance Industrial Safety Engineer.

3. A resumé of the conditions found is presented below; substantiating details are provided in enclosure (A):

- |                                    |                                |
|------------------------------------|--------------------------------|
| (a) Safety Organization and Admin. | Good.                          |
| (b) Explosives Safety              |                                |
| Magazine Areas and Stowage         | Excellent, except for Item 23. |
| Operating Procedures               | Excellent.                     |
| (c) Industrial Safety              | Very Good.                     |

*A. J. Couble*  
A. J. COUBLE

Copy to:  
Es(6), Fr, Fr6, Fr6b(2), Mn, Mn2, Sp, Ad, Ad1b - all with enclosures.

R E S T R I C T E D

112488 023W



R E S T R I C T E D

E N C L O S U R E (A)

NOP, Macon, Ga.

CONDITIONS REMEDIABLE BY THE COMMANDING OFFICER WITHOUT REFERENCE TO THE BUREAU, i.e., DEVIATIONS FROM PROMULGATED INSTRUCTIONS AND SAFE PRACTICES.

General note: Any comment or deficiency noted as to a specific location, condition, or arrangement may be applicable to similar equipment, condition, etc., at other locations and accordingly should be checked at all other such locations as to need of correction.

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R E S T R I C T E D

- 1 -

E N C L O S U R E (A)

DECLASSIFIED

2025 RELEASE UNDER E.O. 14176

R E S T R I C T E D

1. (d) The safety organization for an ordnance activity should get better and more direct support from the command when it is placed in accordance with paragraph 3(a) of BuOrd. ltr. L9-7/(Esla) of 30 April 1947, i.e., as a staff function directly under the Commanding Officer.

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2. Fork trucks used for high stacking should be equipped with overhead cover guards.

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5. Because of the danger of beryllium poisoning, florescent lamps should be broken up only when employees are wearing respirators and provided with gloves. Broken tubes should be placed in covered receptacles, to avoid dispersion of poisonous dust of the phosphor beryllium coating of the tubes.

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R E S T R I C T E D

- 2 -

ENCLOSURE (A)

R E S T R I C T E D

7. Building 3.

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(b) A jig for holding taps and thread gages should be provided in the Tool Room to eliminate the need for holding parts in the hands when being cleaned by high pressure air. Whenever possible air for bench cleaning should be reduced to 5 lbs. per sq. in.

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(a) The Curtis air compressor should be equipped with a drain off valve at bottom.

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10. Building 5A, Section 1, Storage.

(a) Storage bins at the center of the storage section should have the lower partitions straightened out.

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(c) The guard over the small metal saw should be fastened securely.

(d) The access ladder to the switch panels at the south partition wall should be lashed to prevent movement when a man is climbing.

R E S T R I C T E D

- 3 -

ENCLOSURE (A)

DECLASSIFIED

ACQUIRED AT THE NATIONAL ARCHIVES

(in)

R E S T R I C T E D

11. Building, 5A, Section 2, Manufacturing.

(a) The large abrasive wheel apparently is out of round. This should be corrected.

(b) The trap door to the transformer pit should be provided with a stop to prevent the bow guards of the trap door from being inadvertently withdrawn from their sockets.

12. Building, 3B, Carpenter Shop. The DeWalt saw should have guard placed on lower edge of saw blade.

13. Building 116, Paint Shop. The paint storage rooms at the south side should be provided with metal sheathed doors. These room should be provided with ventilation louvers. The air compressor in the paint spray room should be removed to a non-hazardous area.

14. Building 105B, Section 4, Supply.

(a) Grinding wheels should be stowed on edge in so far as possible to prevent damage.

(b) The planer should be provided with a protective screen partition at the discharge end.

15. Building 105B, Section 1, Supply.

(a) The mezzanine storage area stairway should be provided with hand-rails. It is recommended that permanent railings and toeboards be placed at ends and removable stanchions and chains should be installed at the leading sides.

(b) The cover should be replaced on the switch panel at south wall.

R E S T R I C T E D

- 4 -

ENCLOSURE (A)

(14)

R E S T R I C T E D

16. Building 105C, Inert Storage. The Mark 13-2 primer components at the south side of Section 3 should be restowed, due to unstable stacking.

17. Power Plant #2, Building 104. The entrance step at the north side is gouged out. This step should be repaired.

18. A man was observed being given a ride by the operator, with the load, on the forks of a fork-lift truck.

- (a)
19. Building 5B, Plating Room. Carboys of acids were noted at several different points about the room instead of being segregated (consolidated).
- (b) There was only one deluge safety shower. Its spray was too fine, - not enough water- flooding effect.

EXPLOSIVES SAFETY.

20. (a) There is still considerable wooden dunnage to be replaced with metal when practicable.

(b) Magazines should be numbered in accordance with Arts. 3177-3179, OP-5.

21. Explosives truck, Navy #121739, - observed at a magazine where it had discharged explosives to magazine stowage. The truck was not provided with "EXPLOSIVES" boards (Art. 1157, OP-5). It did not have a second fire extinguisher (Art. 1149, OP-5). The working party was not provided with water extinguishers.

22. Magazine No. 26, VT rejects. The door bonding braid is almost parted. A tear in the door ventilator screen requires repair.

R E S T R I C T E D

- 5 -

ENCLOSURE (A)

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R E S T R I C T E D

23. Magazine No. 46, TNT and dry tetryl. The explosives limit was not posted, but it was stated as having been set at 5,000 lbs. The magazine was found to contain about 6,200 lbs. of high explosives, which would be in excess of the stated limit.

24. Annual tests should be made of the grounding circuits of magazines in accordance with Art. 793, OP-5.

4  
3  
2  
1

R E S T R I C T E D

N12/(Macon)/N19/ND6  
(60-DB-501-nn)

END-2 on CinC, NRIC, Macon, Ga., ltr  
CinCNRIC Mac N12-1/L1-1(os)  
to BuOrd via CO, NOP, Macon,  
and ComSix dtd 31 Aug. 1949.

5 OCT 1949


From: Commandant, Sixth Naval District  
To: Chief of the Bureau of Ordnance

Subj: Building 106, Use of as a U. S. Naval Reserve  
Training Center.

Ref: (b) Liaison Officer, Code DB-501, memo to DPWO, GND, dtd  
21 Aug. 1949.

Encl: (A) Copy of reference (b).

1. Forwarded, recommending approval of the basic request.
2. Paragraph 5 of reference (b) describes in detail the recent decontamination accomplished on the former loading cubicles in Building 106, Naval Ordnance Plant, Macon, Ga., in accordance with instructions contained in reference (a). The approval of the basic request is required in order that the building may be fully utilized as a Naval Reserve Training Center.
3. The recommendation of the Commanding Officer, Naval Ordnance Plant, Macon, Georgia, that safety regulations, in the area adjacent to Building 106, not be relaxed is concurred in.

  
R. W. HAYLER

CC:  
CinC, NRIC, Macon  
CO, NOP, Macon

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2025 RELEASE UNDER E.O. 14176

SECRET

N12/(Macon)/N19/MD6  
(6C-DB-501-hn)

LND-2 on OinC, NRTC, Macon, Ga., ltr  
OinC/NRTC Mac N12-1/11-1(os)  
to BuOrd via CO, NOP, Macon,  
and ComSix dtd 31 Aug. 1949

5 OCT 1949

From: Commandant, Sixth Naval District  
To: Chief of the Bureau of Ordnance

Subj: Building 106, Use of as a U. S. Naval Reserve  
Training Center.

Ref: (b) Liaison Officer, Code DB-501, memo to DPNO, SBD, dtd  
21 Aug. 1949.

Encl: (A) Copy of reference (b).

1. Forwarded, recommending approval of the basic request.
2. Paragraph 5 of reference (b) describes in detail the recent decontamination accomplished on the former loading cubicles in Building 106, Naval Ordnance Plant, Macon, Ga., in accordance with instructions contained in reference (a). The approval of the basic request is required in order that the building may be fully utilized as a Naval Reserve Training Center.
3. The recommendation of the Commanding Officer, Naval Ordnance Plant, Macon, Georgia, that safety regulations in the area adjacent to the Building 106 not be relaxed is concurred in.

R. W. HAYLER

CC:  
OinC, NRTC, Macon  
CO, NOP, Macon



21 August 1949

Subj: NRTC, Macon, Ga. - Decontamination of.

- (a) All blowout panels removed and turned over to NOP Macon for disposition.
- (b) Entire rear wall ripped out and burned.
- (c) All ventilating ducts removed, unsectioned, scrubbed, hosed down and replaced.
- (d) All ceiling board and insulation taken down and burned by NOP Macon.
- (e) All inside walls, decks, and overheads scrubbed and hosed down.
- (f) Conditioning unit scrubbed and hosed down.
- (g) New ceiling provided.
- (h) New rear panel fabricated and installed.
- (i) All panes in former rear door removed, door scrubbed and hosed, single lights put back in.
- (j) New door casings fabricated and installed.
- (k) New filters installed in conditioning system.
- (l) Apply special wax to decks.

Due to thorough scrubbing, removal and replacement of any existing material capable of containing any explosive powder by new material, it is believed that cubicles 1 through 12 are now free from any explosive contamination.

6. Before preparing to leave subject training center, in a conference with Capt. Odon for the purpose of securing his permission for the writer to proceed on his itinerary, having completed to Captain Odon's satisfaction, all items involved in his request for a Public Works representative; transportation from Macon, Ga., to Kingsport, Tenn., of the DOT Installation Team #5 was discussed. A dispatch from the District had requested Capt. Odon to transport the team in the Navy Bus assigned to his activity. The bus, according to Capt. Odon, was mechanically capable, but due to the condition of the body, and the approximate 500 miles distance over mountain roads, more comfortable and feasible transportation could be arranged by the District to transfer this team. Immediate advice to Captain Odon concerning this matter was requested.

/s/ L. S. Hunter  
L. S. HUNTER

CC:  
I-I, NRTC, Macon, Ga.

101059 0156

(Copy-4; Se: 9-28-49)

IN REPLY REFER TO  
N12/ND6  
(DB-500-hn)

NAVY DEPARTMENT  
DISTRICT PUBLIC WORKS OFFICE  
AND  
OFFICER IN CHARGE OF CONSTRUCTION  
SIXTH NAVAL DISTRICT  
P. O. BOX 365, NAVAL BASE, S. C.



21 August 1949

MEMORANDUM

From: Liaison Officer, Code DB-500  
To: District Public Works Officer, 6ND

Subj: NRTC, Macon, Ga. - Decontamination of.

Ref: (a) BuOrd ltr NP30(Ma3a-2) GHN/bud dated 7-8-49  
(b) OinC, NRTC, Macon, Ga. ltr OinC, NRTC, Mac 19-7(os) to ComSix dtd 12 July 1949.

1. During the past week decontamination team has stripped cubicles 2, 3 and 9, as covered in previous reports.
2. On 21 August 1949 local millwork representatives explained in detail the necessary items of millwork needed, and have submitted estimates to Capt. Odon, who will award the work to the lowest bidder.
3. Due to labor element involved in the decontamination of the existing 12 light window sashes, it was deemed by Capt. Odon to be more feasible to have 24 new light sashes fabricated for use in the replacement of the former blowout panels.
4. All phases of the decontamination have been covered in detail with LT K. P. Cobb, Officer in Charge of the Director of Training Team accomplishing the work, and since three cubicles have been decontaminated, with the exception of replacing the materials removed or destroyed, it is believed that the remaining cubicles can be completed satisfactorily, being repetitions of the original three. The Officer in Charge of the team is considered capable to complete, and the work accomplished evidences very good workmanship. The performances of the two Director of Training Teams, since Capt. Odon has incorporated both into one team under the direction of LT Cobb, have been excellent, and indications are that all of the items needing accomplishment will be handled satisfactorily, dependent on receipt of the needed and requisitioned materials and supplies, which at present is impeding operations.
5. The following list is an itemized schedule of work accomplished during the decontamination. It was requested by Captain Odon that this list be incorporated and considered in the endorsement placed on his pending request to BuOrd via ComSix for use of the loading cubicles.

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Date

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CinC NRTC Mac  
N12-1/111-1/(cs)  
31 AUG 1949

Subject: Building 106, Use of as a U.S. Naval Reserve  
Training Center.

(d) Permit other than non-ferrus tools in the  
disassembly and assembly of engines, pumps and auxiliaries  
in 7 cubicles.

(e) Permit smoking in cubicle #1 which is an office  
for Commanding Officers of Organized Surface Divisions.

4. From a review of the first cubicle decontaminated it is  
the opinion of the CinC that all cubicles will be explosive free in so  
far as materials under the cognizance of the Chief of the Bureau of  
Ordnance are concerned. Safety precautions and smoking regulations to  
be placed in effect will meet requirements of store and engine rooms  
which by design contain some degree of inflammables.



S. F. ODEN

NP30/L9-7/QR (AD)  
Serial: 1186

ENDORSEMENT-1

U. S. NAVORDPLANT,  
MACON, GEORGIA

8 September 1949

From: Commanding Officer  
To: Chief of the Bureau of Ordnance  
via: Commandant, SIXTH Naval District (Public Works Officer)  
Subject: Building 106, Use of as a U. S. Naval Reserve Training Center.

1. Forwarded.
2. Explosive loading operations are in progress in nearby buildings  
106A and 108. Explosive materials are frequently transferred on nearby  
streets. Increased loading activity is in prospect.
3. It is not advisable to relinquish safety precautions in the  
explosive area.



R. S. CALDWELL

CC: CinC, NRTC, Macon, Ga.

U. S. NAVAL RESERVE TRAINING CENTER

REFER TO NO.

CinONRTRC Mac  
NL2-1/L11-1/(cs)

BUILDING NO. 106  
NAVAL ORDNANCE PLANT  
MACON, GEORGIA



31 AUG 1949

From: Officer in Charge  
To : The Chief, Bureau of Ordnance  
Via : (1) The Commanding Officer, U.S. Naval Ordnance Plant, Macon, Georgia  
(2) The Commandant, SIXTH Naval District (Public Works Officer)  
Subject: Building 106, Use of as a U.S. Naval Reserve Training Center.

*NP30*  
*maf*  
*Ma3*  
*md*

Reference: (a) BuOrd Ltr NP30/(Ma3a-w)GHn/bmd dated 8 July 1949.

1. Ref (a), to Commanding Officer, U.S. Naval Ordnance Plant, Macon, Ga., outlines certain decontamination measures and precautions considered to be necessary to assure safety within the building while being utilized for Reserve Training purposes. Further stating that despite accomplishment of these measures and precautions, smoking, welding operations, or any form of open-flame or sparking device should be prohibited in the cubicles.

2. Currently, steps are being taken to decontaminate all cubicles complying with all of the provisions of ref (a). This project is scheduled for completion 9 September 1949.

3. It is the purpose of this letter to request the Chief of the Bureau of Ordnance to modify the restrictions outlined in paragraph 4(t) of ref (a) to permit:

(a) Operation of internal combustion engines in cubicles 8-12 inclusive. These engines are not designed to produce open flame or sparks under normal operation.

(b) Permit repair and charging of batteries in cubicle 4. Normal operation produces no open flame or sparks.

(c) Permit maintenance welding in any cubicle when required. In this connection all instruction in welding, which is other than static display, will be accomplished outside of cubicles.

Case No. 100-1121-3 (AM)  
81 AUG 1949

Building 106, Use of as a U.S. Naval Reserve Training Center.

(1) Plans, other than non-farmers tests in the vicinity and assembly of engines, pumps and machinery is 7 sections.

(2) Plans, other than non-farmers tests in the vicinity and assembly of engines, pumps and machinery is 7 sections.

From a review of the first outline submitted to the Chief of the Bureau of Ordnance, it is noted that the Bureau of Ordnance is concerned with the requirements of the Chief of the Bureau of Ordnance and concerned with the requirements and working conditions to be placed in effect with such requirements of study and engine work which by design would have degree of utilization.

OPSO/12-7 (AM)  
Serial: 1121

EXHIBIT-1

U. S. NAVAL RESERVE  
TRAINING CENTER

8 September 1949

From: Commanding Officer  
To: Chief of the Bureau of Ordnance  
via: Commanding Officer, Sixth Naval District (Public Works Office)  
Subject: Building 106, Use of as a U. S. Naval Reserve Training Center.

1. Forwarded.
2. Explosive loading operations are in progress in nearby buildings 106A and 106B. Explosive materials are frequently transported on nearby streets. Increased loading activity is in prospect.
3. It is not advisable to establish safety precautions in the explosion area.

CC: CINC-NETG, Etowah, Ga.



U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA

Refer to No. NP30/L1/A1 (PW)  
Serial: 0572

4 May 1949

From: Commanding Officer  
To: Chief of the Bureau of Ordnance

NP 30  
ES  
LS

Subj: Maintenance of Ordnance Stations.

Ref: (a) BuOrd ltr NP30(Es3-1)VGS:bna dtd 27 April 1949.  
(b) NOP Macon ltr NP30/L1/A1 (PW) Ser 4414 dtd 7 June 1948  
to BuOrd.  
(c) BuOrd ltr (Es3a)RMD:iip NN dtd 26 April 1948.

Encl: (A) Priority list of projects requested by reference (a).

1. Reference (b), dated 7 June 1948 submitted projects covering the repair, replacement or other work required to bring the station up to a good standard of maintenance and indicating that this work could be accomplished by station forces. This report was submitted in reply to reference (c).

2. A part of the work listed in reference (b) has been completed and is omitted from this report.

3. The incompletd work, listed on enclosure (A), which is submitted in reply to reference (a), is listed according to recommended priority in which the work should be accomplished and is supplemented by additional high priority projects which have developed since 7 June 1948. These additional projects have arisen as a result of the consolidation of U. S. Naval Ordnance Plant, Milledgeville, Georgia with this station.

4. It is planned that all work listed on enclosure (A) will be accomplished by station forces on maintenance funds.

*Russell G. Sturges*  
RUSSELL G. STURGES

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U. S. NAVAL ORDNANCE PLANT, MACON, GEORGIA

PROJECTS FOR MAINTAINING A GOOD STANDARD OF MAINTENANCE, LISTED ACCORDING TO  
RECOMMENDED PRIORITY

1. Building 107 - Detonator. Roof requires renewal. Copper flashing required. Repairs to doors and windows where needed. Gutters require cleaning and renewal in certain sections. Exterior trim requires painting and certain pipe requires cleaning, painting and/or insulation. Total estimated cost \$7,280.00 - 6 months.
2. Replace steam pipe with adequate size (6") pipe, insulated, between Power Plant Building 4, and Power Plant Building 104, to provide for adequate and economical operation of plant boilers, to provide for handling increased heating load as a result of consolidation of U. S. Naval Ordnance Plant, Milledgeville, Georgia with this station. Total estimated cost \$4,000.00 - 4 months.
3. Buildings No. 5A, 5B, 5C. - (Formerly Warehouses, now Production Buildings). Structurally and otherwise in excellent condition except for the following required work: Replace preformed asphalt strips under ridge cap. Install 2'8" doors in factory type doors. Hang double doors south end of 5C. Side over louvres at gable ends. Repair metal doors and repair down spouts. Total estimated cost \$1,500.00 - 6 months.
4. Building 7A - Laboratory. In good condition with the following necessary work required; Rebuild vestibule on concrete foundation. Repair door. Paint exterior. Total estimated cost \$488.00 - 6 months.
5. Building 4A - Heater House. Condition poor. Foundation and sills rotted. Studs and weather boarding need replacing. Reroofing required. Painting interior and exterior required. Total estimated cost \$775.00 - 6 months.
6. Building 68 - Storage and Equipment Shed. In very poor condition. Requires bracing at north end. Weather boarding requires renewal. Roof repairs required. Exterior requires painting. Total estimated cost \$2026.00 - 6 months.
7. Building 4 - Powerhouse. Structurally and otherwise in excellent condition. Necessary repairs on underground steam and oil lines required. York compressor and one (1) air compressor need overhauling. Economizer pans require renewal. Repairs required on No. 2 economizer. 32 volt transformers need to be installed. Total estimated cost \$2,895.00 - 6 months.
8. Building 6 - Assembly Building. In good condition except for repairs as follows: Repair doors, ceiling, moulding and wall linoleum. Paint interior where required. Recaulk glass brick exterior. Repair roofs on cubicles. Apply transparent water-proof membrane to west wall above cubicles. Repair gutters, remove gun mounts from roof, repair ladder to roof. Total estimated cost \$2,456.00 - 6 months.
9. Building 102 - Cafeteria (Marine Barracks). Structurally and otherwise in very good condition except for the following necessary work; Paint exterior. Install metal louvres as needed. Repair venetian blinds. Replace piping to

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Bradley basins and to showers. Repair floor of mess hall. Total estimated cost \$1,770.00 - 6 months.

10. Building 103 - Cooling Tower. Structurally in very good condition. Baffles require renewal. Exterior requires paint. Total estimated cost \$1,200.00 - 1 year.

11. Building 104 - Power House (Unit two). Structurally and otherwise in excellent condition. Painting required inside and out. Total estimated cost \$400.00 - 6 months.

12. Buildings 105A,B,C. - Warehouses. Structurally in excellent condition. Asphalt strip at plate and ridge line should be replaced. Caulking required to stop minor leaks. Total estimated cost for three (3) buildings \$1,750.00 - 1 year.

13. Building 106A - Assembly Building. Structurally and otherwise in excellent condition. Repair doors and ceiling as needed. Waterproofing required southeast corner. Exterior trim requires painting. Gun mounts should be removed from roof. Parapet wall needs capping. Total estimated cost \$1,514.00 - 6 months.

14. Building 109 - Primer Cap Building. Structurally in very good condition with the following work required: Repair to doors, windows, screens, ceiling. Repairs to pipes and certain valves. Exterior requires painting. Total estimated cost \$530.00 - 1 year.

15. Buildings D10, D11, D12, D14, D16 - Dryer Buildings. In very good condition except for necessary caulking and painting. Total estimated cost for the five buildings \$540.00 - 1 year.

16. Building 7 - Laboratory. Structurally in good condition. Incompleted existing extension to building should be completed, requiring extension of utilities, floor and ceiling, for setting up laboratory equipment transferred from U. S. Naval Ordnance Plant, Milledgeville, Georgia. This equipment is needed for use. Total estimated cost \$12,000.00 - 1 year.

17. Building 206. - Storage Building. Structurally in good condition. Siding needs repair and painting. Roof needs repair. Total estimated cost \$1,200.00 - 1 year (Former War Housing)

18. Building 1 - Administration. Structurally and otherwise in excellent condition. Tapes and cords need replacing and wood trim needs painting on venetian blinds throughout. Total estimated cost \$570.00 - 1 year.

19. Building 2 - Civilian Cafeteria. Structurally and otherwise in excellent condition. Tapes and cords on venetian blinds need replacing. Thermostats on heating and air conditioning system require repairs and adjustments. Total estimated cost \$550.00 - 1 year.

20. Building 3A - Garage, Pipe Shop, and Fire Station. Structurally in excellent condition except for necessary repairs to roof and roof monitors. Total estimated cost \$315.00 - 6 months.

21. Building 5D - Lumber Storage Shed. In good condition except for the following necessary repairs: Replace one (1) rotted sill. Repair doors and replace roofing. Total estimated cost \$260.00 - 6 months.
22. Building 5E - Oil Storage Building. Structurally and otherwise in good condition. Two (2) doors require repair. Exterior requires painting. Total estimated cost \$200.00 - 6 months.
23. Building 7B - Wind Tunnel Building. Structurally and otherwise in excellent condition. Repairs to doors and window casings as needed. Exterior trim requires painting. Total estimated cost \$206.00 - 6 months.
24. Building 7C - Test House. In general good condition. Some repairs to weather boarding and repairs to door required. Interior and exterior require painting. Total estimated cost \$185.00 - 6 months.
25. Building 7D - Linseed oil breakdown building. In good condition. Requires painting on exterior siding. Total estimated cost \$25.00 - 6 months.
26. Building 9 - Dispensary. Structurally and otherwise in excellent condition except for minor repairs to woodwork and trim as required. Total estimated cost \$178.00 - 6 months.
27. Buildings 21 through 27, 31 through 37, 42 through 53 - Magazines. Excellent condition. Require painting. Total estimated cost all magazines \$500.00 - 6 months.
28. Building 69 - Magnesium Storage. In very good condition except for necessary replacement of doors and exterior painting. Total estimated cost \$100.00 - 1 year.
29. Buildings 70, 71, 72, 73, 74 - Disposal Plant, including digester, primary sedimentation tanks, trickling filter, secondary sedimentation tank and sludge drying beds. In excellent condition. Total estimated cost \$350.00 - 1 year.
30. Building 79 - Elevated Water Tank. In good condition. Needs exterior painting. Total estimated cost \$900.00 - 6 months.
31. Buildings 85 and 86 - Smoke Stands. In good condition. Require reroofing and painting. Total estimated cost \$100.00 - 1 year.
32. Building 87 - Time Clock Building. In fair condition. Requires repairs to studs, sills, siding, roof, and requires painting. Total estimated cost \$1,192.00 1 year.
33. Building 94 - Time Clock Building. In good condition. Requires painting Total estimated cost \$246.00 - 1 year.
34. Building 106 - Naval Reserve Armory. Structurally in excellent condition. Parapet walls require capping. Shed roof requires renewal. Exterior trim needs painting. Total estimated cost \$900.00 - 3 months.
35. Building 108 - Pelleting Building. Structurally and otherwise in excellent

condition. Exterior trim requires painting. Total estimated cost \$390.00  
6 months.

36. Buildings G1 through G10. - Outer Guard House. Structurally in good condition except for necessary repair to doors, windows and necessary painting inside and out. Total estimated cost \$330.00 - 1 year.

37. Buildings D1 through D6 - Dryer Buildings. Condition good. Roofing requires renewal. Repair to certain switches required. Total estimated cost for 6 buildings \$330.00 - 6 months.

38. Building D7 - Dryer Building. Condition good except for necessary repairs to ceiling and ventilator. Total estimated cost \$55.00 - 6 months.

39. Building D13 - Dryer Building. In very good condition except for necessary caulking and painting interior and necessary repairs to temperature controls. Total estimated cost \$156.00 - 6 months.

40. Building D15, - Dryer Building. In good condition except for necessary repairs to temperature controls, repairs to heater water line, renewal of curb at heater room door and necessary caulking and painting. Total estimated cost \$276.00 - 6 months.

41. Buildings SE1 through SE5 - Service boxes in good condition. Estimated total cost \$150.00 - 3 months.

42. Building 111 - Time Clock and Smoke Stand. In generally good condition. Requires reroofing and painting. Total estimated cost \$170.00 - 6 months.

43. Buildings 201, 202, 203, 204, 205 - Storage Buildings (Former War Housing). Structurally in good condition with the following work required: Paint exterior trim, repair windows, doors, roofs as required. Total estimated cost all 5 buildings \$750.00 - 6 months.

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U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA

EP30/L1/A1 (PW)  
Serial: 0672

4 May 1949

From: Commanding Officer  
To: Chief of the Bureau of Ordnance

Subj: Maintenance of Ordnance Stations.

Ref: (a) BuOrd ltr EP30(Ord-1)V68Subm dtd 27 April 1948.  
(b) NOP Mason ltr EP30/L1/A1 (PW) Ser 4414 dtd 7 June 1948  
to BuOrd.  
(c) BuOrd ltr (335a)ORDMilp HN dtd 23 April 1948.

Encl: (A) Priority list of projects requested by reference (a).

1. Reference (b), dated 7 June 1948 submitted projects covering the repair, replacement or other work required to bring the station up to a good standard of maintenance and indicating that this work could be accomplished by station forces. This report was submitted in reply to reference (a).

2. A part of the work listed in reference (b) has been completed and is omitted from this report.

3. The uncompleted work, listed on enclosure (A), which is submitted in reply to reference (a), is listed according to recommended priority in which the work should be accomplished and is supplemented by additional high priority projects which have developed since 7 June 1948. These additional projects have arisen as a result of the consolidation of U. S. Naval Ordnance Plant, Hilledgeville, Georgia with this station.

4. It is planned that all work listed on enclosure (A) will be accomplished by station forces on maintenance funds.

RUSSELL G. STURGES

U. S. NAVAL ORDNANCE PLANT, MACON, GEORGIA

SUBJECTS FOR MAINTAINING A GOOD STANDARD OF MAINTENANCE, LISTED ACCORDING TO  
REQUIREMENT PRIORITY

1. Building 107 - Detonator. Roof requires renewal. Copper flashing required. Repairs to doors and windows where needed. Gutters require cleaning and renewal in certain sections. Exterior trim requires painting and certain pipe requires cleaning, painting and/or insulation. Total estimated cost \$7,280.00 - 6 months.

2. Replace steam pipe with adequate size (6") pipe, insulated, between Power Plant Building 4, and Power Plant Building 104, to provide for adequate and economical operation of plant boilers, to provide for handling increased heating load as a result of consolidation of U. S. Naval Ordnance Plant, Hilledgeville, Georgia with this station. Total estimated cost \$4,000.00 - 4 months.

3. Buildings No. 5A, 5B, 5C. - (Formerly Barchouses, now Production Buildings). Structurally and otherwise in excellent condition except for the following required work: Replace perforated asphalt strips under ridge cap. Install 2'x8" doors in factory type doors. Hang double doors south end of 5C. Side door lowered at gable ends. Repair metal doors and repair down spouts. Total estimated cost \$1,500.00 - 6 months.

4. Building 7A - Laboratory. In good condition with the following necessary work required; Rebuild vestibule on concrete foundation. Repair door. Paint exterior. Total estimated cost \$488.00 - 6 months.

5. Building 4A - Heater House. Condition poor. Foundation and sills rotted. Studs and weather boarding need replacing. Reroofing required. Painting interior and exterior required. Total estimated cost \$775.00 - 6 months.

6. Building 68 - Storage and Equipment Shed. In very poor condition. Requires bracing at north end. Weather boarding requires renewal. Roof repairs required. Exterior requires painting. Total estimated cost \$2026.00 - 6 months.

7. Building 4 - Powerhouse. Structurally and otherwise in excellent condition. Necessary repairs on underground steam and oil lines required. Tank compressor and one (1) air compressor need overhauling. Compressor pans require renewal. Repairs required on No. 2 economizer. 32 volt transformers need to be installed. Total estimated cost \$2,826.00 - 6 months.

8. Building 6 - Assembly Building. In good condition except for repairs as follows: Repair doors, ceiling, moulding and wall linoleum. Paint interior where required. Replace glass brick exterior. Repair roofs on eubicles. Apply transparent water-proof membrane to west wall above eubicles. Repair gutters, remove gun mounts from roof, repair ladder to roof. Total estimated cost \$2,456.00 - 6 months.

9. Building 102 - Cafeteria (Marine Barracks). Structurally and otherwise in very good condition except for the following necessary work; Paint exterior. Install metal louvers as needed. Repair venetian blinds. Replace piping to

U.S. NAVAL ORDNANCE PLANT

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- Bradley trains and to chancery. Repair floor of mess hall. Total estimated cost \$1,770.00 - 6 months.
10. Building 103 - Cooling Tower. Structurally in very good condition. Effluents require removal. Exterior requires paint. Total estimated cost \$1,200.00 - 1 year.
11. Building 104 - Power House (Unit Two). Structurally and otherwise in excellent condition. Painting required inside and out. Total estimated cost \$400.00 - 6 months.
12. Buildings 108A, B, C - Warehouses. Structurally in excellent condition. Asphalt strip at plate and ridge line should be replaced. Chalking required to deep minor leaks. Total estimated cost for three (3) buildings \$1,750.00 - 1 year.
13. Building 104 - Assembly Building. Structurally and otherwise in excellent condition. Repair doors and ceiling as needed. Waterproofing required throughout exterior. Exterior trim requires painting. Gutters should be removed from roof. Repair will include capping. Total estimated cost \$1,524.00 - 6 months.
14. Building 103 - Engine Shop Building. Structurally in very good condition with the following work required: Repair to doors, windows, screens, ceiling. Repair to pipe and curtain valves. Exterior requires painting. Total estimated cost \$320.00 - 1 year.
15. Buildings 210, 211, 212, 213, 214 - Dryer Buildings. In very good condition except for necessary chalking and painting. Total estimated cost for the five buildings \$640.00 - 1 year.
16. Building 7 - Laboratory. Structurally in good condition. Incomplete existing extension to building should be completed, requiring extension of utilities, floor and ceiling, for ~~transfer~~ laboratory equipment transferred from U. S. Naval Ordnance Plant, Marietta, Georgia. This equipment is needed for use. Total estimated cost \$12,000.00 - 1 year.
17. Building 206 - Storage Building. Structurally in good condition. Siding needs repair and painting. Roof needs repair. Total estimated cost \$3,200.00 - 1 year (Under Fire Housing).
18. Building 1 - Administration. Structurally and otherwise in excellent condition. Pipes and cords need replacing and wood trim needs painting on window blinds throughout. Total estimated cost \$370.00 - 1 year.
19. Building 2 - Civilian Cafeteria. Structurally and otherwise in excellent condition. Pipes and cords on window blinds need replacing. Thermostats on heating and air conditioning system require repairs and adjustments. Total estimated cost \$80.00 - 1 year.
20. Building 21 - Garage, Pip Shop, and Fire Station. Structurally in excellent condition except for necessary repairs to roof and roof gutters. Total estimated cost \$315.00 - 6 months.

21. Building 50 - Lumber Storage Shed. In good condition except for the following necessary repairs: Replace one (1) rotted sill. Repair doors and replace roofing. Total estimated cost \$260.00 - 6 months.
22. Building 51 - Oil Storage Building. Structurally and otherwise in good condition. Two (2) doors require repair. Exterior requires painting. Total estimated cost \$200.00 - 6 months.
23. Building 75 - Wind Tunnel Building. Structurally and otherwise in excellent condition. Repairs to doors and window casings as needed. Exterior trim requires painting. Total estimated cost \$206.00 - 6 months.
24. Building 70 - Test House. In general good condition. Some repairs to weather boarding and repairs to door required. Interior and exterior require painting. Total estimated cost \$183.00 - 6 months.
25. Building 70 - Lined oil breakdown building. In good condition. Requires painting on exterior ceiling. Total estimated cost \$25.00 - 6 months.
26. Building 9 - Dispensary. Structurally and otherwise in excellent condition except for minor repairs to woodwork and trim as required. Total estimated cost \$178.00 - 6 months.
27. Buildings 21 through 27, 31 through 37, 42 through 53 - Magazines. Excellent condition. Require painting. Total estimated cost all magazines \$600.00 - 6 months.
28. Building 69 - Explosives Storage. In very good condition except for necessary replacement of doors and exterior painting. Total estimated cost \$100.00 - 1 year.
29. Buildings 70, 71, 72, 73, 74 - Disposal Plant, including digester, primary sedimentation tanks, trickling filter, secondary sedimentation tank and sludge drying beds. In excellent condition. Total estimated cost \$550.00 - 1 year.
30. Building 70 - Elevated Water Tank. In good condition. Needs exterior painting. Total estimated cost \$300.00 - 6 months.
31. Buildings 65 and 66 - Smoke Stacks. In good condition. Require reroofing and painting. Total estimated cost \$100.00 - 1 year.
32. Building 87 - Time Clock Building. In fair condition. Requires repairs to studs, sills, siding, roof, and requires painting. Total estimated cost \$1,192.00 - 1 year.
33. Building 94 - Time Clock Building. In good condition. Requires painting. Total estimated cost \$248.00 - 1 year.
34. Building 106 - Caval Reserve Armory. Structurally in excellent condition. Parapet walls require capping. Shed roof requires renewal. Exterior trim needs painting. Total estimated cost \$900.00 - 5 months.
35. Building 108 - Polluting Building. Structurally and otherwise in excellent

condition. Exterior trim requires painting. Total estimated cost \$390.00  
6 months.

36. Buildings G1 through G10. - Outer Guard House. Structurally in good condition except for necessary repair to doors, windows and necessary painting inside and out. Total estimated cost \$350.00 - 1 year.

37. Buildings D1 through D6 - Dryer Buildings. Condition good. Roofing requires renewal. Repair to certain switches required. Total estimated cost for 6 buildings \$380.00 - 6 months.

38. Building B7 - Dryer Building. Condition good except for necessary repairs to ceiling and ventilator. Total estimated cost \$55.00 - 6 months.

39. Building D15 - Dryer Building. In very good condition except for necessary caulking and painting interior and necessary repairs to temperature controls. Total estimated cost \$156.00 - 6 months.

40. Building D15 - Dryer Building. In good condition except for necessary repairs to temperature controls, repairs to heater water line, renewal of curb at heater room door and necessary caulking and painting. Total estimated cost \$276.00 - 6 months.

41. Buildings 3B1 through 3B5 - Service boxes in good condition. Estimated total cost \$150.00 - 3 months.

42. Building 111 - Time Clock and Smoke Stand. In generally good condition. Requires reroofing and painting. Total estimated cost \$170.00 - 6 months.

43. Buildings 201, 202, 203, 204, 205 - Storage Buildings (Former Bar Housing). Structurally in good condition with the following work required: Paint exterior trim, repair windows, doors, roofs as required. Total estimated cost all 5 buildings \$750.00 - 6 months.

condition. Exterior trim requires painting. Total estimated cost \$390.00  
6 months.

36. Buildings G1 through G10. - Outer Guard House. Structurally in good condition except for necessary repair to doors, windows and necessary painting inside and out. Total estimated cost \$350.00 - 1 year.

37. Buildings D1 through D6 - Dryer Buildings. Condition good. Roofing requires renewal. Repair to certain switches required. Total estimated cost for 6 buildings \$380.00 - 6 months.

38. Building B7 - Dryer Building. Condition good except for necessary repairs to ceiling and ventilator. Total estimated cost \$55.00 - 6 months.

39. Building D15 - Dryer Building. In very good condition except for necessary caulking and painting interior and necessary repairs to temperature controls. Total estimated cost \$156.00 - 6 months.

40. Building D15 - Dryer Building. In good condition except for necessary repairs to temperature controls, repairs to heater water line, renewal of curb at heater room door and necessary caulking and painting. Total estimated cost \$276.00 - 6 months.

41. Buildings 3B1 through 3B5 - Service boxes in good condition. Estimated total cost \$150.00 - 3 months.

42. Building 111 - Time Clock and Smoke Stand. In generally good condition. Requires reroofing and painting. Total estimated cost \$170.00 - 6 months.

43. Buildings 201, 202, 203, 204, 205 - Storage Buildings (Former Bar Housing). Structurally in good condition with the following work required: Paint exterior trim, repair windows, doors, roofs as required. Total estimated cost all 5 buildings \$750.00 - 6 months.

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U. S. NAVAL ORDNANCE PLANT

MACON, GEORGIA

Refer to No NP30/S36-5/19-7/W19 (SE)  
Serial: 0648

18 May 1949

NP30

MA 3

MD

From: Commanding Officer  
To: The Chief of the Bureau of Ordnance  
Subj: Use by this activity of MCV 220 Spark Proof Vacuum Cleaner, Equipped with Explosion Proof Motor, Request for  
Ref: (a) OP-5 Section 422.15 and Revision  
Encl: (A) Letter from Floors Incorporated, Atlanta, Ga., dated 6 May 1949  
(B) Explanatory Advertising Matter

052549

0036

1. The Bureau is advised that several buildings on this activity were formerly used in loading operations covering extensive use of black powder, tetryl, and gun cotton. These buildings are in addition to Building 6 presently actively engaged in loading operations. Due to porous material used in ceilings and walls, repeated brushing and the washings down with water of all surfaces and ventilating systems in these buildings have failed to completely remove all traces of these explosives. This constitutes a distinct safety hazard in operations.

2. Section 422, paragraph 15, of OP-5 Volume 1 reads as follows:

"Dusts shall be brushed or vacuumed as frequently as it accumulates."

The revision of this section and paragraph further reads:

"Black powder dust shall be brushed or washed down frequently in order to prevent hazardous accumulations. Under no circumstances shall a vacuum dust collecting or a vacuum cleaning system be used for black powder dust removal."

3. Inasmuch as repeated brushings and washings have failed to remove accumulated dust, the opinion of the Bureau is requested on the feasibility of acquiring a machine such as is referred to in Enclosure (B). It is further requested that in the event of approval the Bureau issue a directive as to any limitations in the use of this equipment.

*Russell G. Sturges*  
RUSSELL G. STURGES

DECLASSIFIED

SEARCHED AT THE NATIONAL ARCHIVES

U. S. NAVAL ORDNANCE PLANT

MACON, GEORGIA

OFFICE OF COMMANDING OFFICER

Refer To No.

Serial: 0648  
18 May 1949

From: Commanding Officer  
To: The Chief of the Bureau of Ordnance  
Subj: Use by this activity of MEV 220 Spark Proof Vacuum  
Cleaner, Equipped with Explosion Proof Motor, Request for  
Ref: (a) OP-5 Section 422.15 and Revision  
Encl: (A) Letter from Floore Incorporated, Atlanta, Ga., dated  
6 May 1949  
(B) Explanatory Advertising Letter

1. The Bureau is advised that several buildings on this activity were formerly used in loading operations covering extensive use of black powder, tetryl, and gun cotton. These buildings are in addition to Building 6 presently actively engaged in loading operations. Due to porous material used in ceilings and walls, repeated brushing and the washings down with water of all surfaces and ventilating systems in these buildings have failed to completely remove all traces of these explosives. This constitutes a distinct safety hazard in operations.

2. Section 422, paragraph 15, of OP-5 Volume 1 reads as follows:

"Dusts shall be brushed or vacuumed as frequently as it accumulates."

The revision of this section and paragraph further reads:

"Black powder dust shall be brushed or washed down frequently in order to prevent hazardous accumulations. Under no circumstances shall a vacuum dust collecting or a vacuum cleaning system be used for black powder dust removal."

3. Inasmuch as reported brushings and washings have failed to remove accumulated dust, the opinion of the Bureau is requested on the feasibility of acquiring a machine such as is referred to in Enclosure (B). It is further requested that in the event of approval the Bureau issue a directive as to any limitations in the use of this equipment.

RUSSELL G. STURGES

110510

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

Refer To No.

NP30/L9-7/QR (AD)  
Serial: 0747

8 June 1949

NP30  
ES  
ma 3

From: Commanding Officer  
To: Chief of the Bureau of Ordnance  
Subj: Investigation of Explosion in Building #106 (Naval Reserve Armory).  
Ref: (a) Investigation Board report dated 20 May 1949.  
Encl: (A) Copy of reference (a).

4  
061549 0196

1. Enclosure (A) is the report of an informal board appointed to investigate and report on subject explosion, with recommendations. The board includes the Ordnance Plant Explosive Engineer as a member. If the Reserve Training Unit is required to operate the spark making equipment, it is requested that the Bureau of Ordnance direct the measures to be taken, referred to in paragraph 5 of reference (a), to render the cubicles safe for the operation of the equipment installed therein, insofar as residual explosives are concerned.

2. Instructions for the guidance of the Commanding Officer, NCP Macon, concerning the use of explosive loading building #106, by the Naval Reserve are contained in BuOrd second endorsement on BuPers letter QR/N12-1 Pers-2223:mio to BuDocks dated 31 July 1946. The endorsement is dated 11 September 1946.

3. The Commanding Officer, Naval Ordnance Plant, Macon, Ga., requests that the Bureau of Ordnance restate, and bring up to date, its policy regarding present assignment of Building #106. Without extensive and costly repairs, it is possible that long operation of gasoline and diesel engines in the cubicles of Building #106 may render them permanently unsuitable for explosive loading. Building #106 itself is located within the explosive area and existing station safety orders apply to the entire area. One of the restrictions of the above endorsement was, "no alterations are to be performed which will prevent the return of the building to its designed function (fuze loading)".

4. It is requested that the Bureau inform the Commandant, Sixth Naval District of above restated policy.

*R. S. Caldwell*  
R. S. CALDWELL

cc: ComSix

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA



Refer to No.

20 May 1949

From: Investigation Board  
To: Commanding Officer  
Subj: Investigation of Explosion in Building 106.  
Ref: (a) Ur ltr NP30/LS-7/QB:CC (AD) dtd 11 May 1949.  
Encls: (A) Chemical Lab Report  
(B) Report of Non-sparkproof Machinery in Cubicles

1. In accordance with reference (a), the Board investigated the explosion in Building 106 and the following is the findings:

Samples from the overhead of Cubicle 7 contain explosives. Ref. Encl. (A).  
Samples from the overhead of Cubicle 12 contain explosives. Ref. Encl. (A).  
Three other samples from the overhead in the main part of the building were tested and found they contained no explosives. Ref. Encl. (A).

Referring to paragraph 422 of OP-5: "Black powder should be brushed or washed down frequently in order to prevent hazardous accumulation. Under no circumstances should a vacuum dust collecting or vacuum cleaning system be used for black powder dust removal." The Board does not believe that brushing and washing down will clear all explosives out of the overhead of the cubicles due to the type of structure. Part of the Celotex from the outside walls was removed and destroyed and was known to contain explosives.

2. The Board recommends all cubicles be considered to contain explosives and shall be treated as such.

3. Enclosure (B) lists all non-sparkproof machinery that is now in cubicles. We recommend that only sparkproof machinery be operated and no smoking be permitted in the cubicles. Since these cubicles are a part of the building, we recommend that smoking in the remainder of the building be limited and controlled.

- 1 -

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NAVY DEPARTMENT  
OFFICE OF THE ASSISTANT SECRETARY FOR  
OPERATIONS AND LOGISTICS  
WASHINGTON, D. C. 20340  
MAY 20 1949



NAVY DEPARTMENT

NAVY DEPARTMENT  
OFFICE OF THE ASSISTANT SECRETARY FOR  
OPERATIONS AND LOGISTICS

Subj: Investigation of Explosion in Bldg. #106 20 May 1949

- 4. Cubicle 4, Battery Shop, has additional hazard of operation in close unventilated area. Ref. BuShips Manual 62-294. Cubicles containing gasoline or fuel oil containers have additional hazards of operating non-spark proof equipment in close unventilated areas subject to contamination by oil and gas fumes.
- 5. We are of the opinion that to remove all explosive dusts from the cubicles it would mean removal and destroying the overhead, the outer walls, and the removing and washing of the ventilation system.

L. E. DUNCAN  
LTJG, USN

F. E. SMITH  
CHCUN, USN

J. W. GARLAND

K. K. DOMINGOS, JR.

cc: NRTC

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... ..  
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DATE 5-18-49

NAVAL ORDNANCE PLANT, MACON, GA.

CHEMICAL LABORATORY REPORT

KIND OF SAMPLE Dust from Bldg. 106 (Naval Reserve), for CALL NO. \_\_\_\_\_  
determining explosives

Result of test Result

Sample # 1 from cubicle # 7 Burns well when started, could be explosive under  
some conditions. Material is a fine black dust.

Sample # 2 from cubicle # 12 Explosive. Appears to be pyrocotton.

Sample # 3 from front of Non explosive  
cubicle # 9

Sample # 4 from in front of. Non explosive  
cubicle # 12, 4 ft. from  
south wall

Sample # 5 from top of Bldg. Non explosive  
over Black Powder pouring table,  
30 ft. from south wall, 8 ft. from  
east wall

Identification of Material Tested: Sample # 1 taken from wall board  
(celotex) from cubicle 7, bldg. 106.  
Sample # 2 taken from celotex wall board in cubicle 12 bldg. 106.  
Sample # 3 taken from a 6 ft. x 6 ft. space from the acustone in front of cubicle 9.  
Sample # 4 taken from a 6 ft. x 6 ft. space 4 ft. from south wall in front of  
cubicle 12, bldg. 106. Sample swept off of acustone.  
Sample # 5 taken from a 100 sq. ft. space 30 ft. from south wall and 8 ft.  
from east wall, from top of bldg. 106 over Black Powder pouring table. Sample  
swept from acustone board.

REMARKS: Samples # 1 and 2 explosive. No. 2 was more explosive and much easier  
to set off than # 1. Samples # 3, 4, and 5 were not explosive. There was  
hardly any material in these which could be burned.

Requested by L.E. Duncan, LtJg. USN Reported by Ann E. Stanley  
COPIES TO L.E. Duncan, LTJG. USN Approved Ann E. Stanley

Encl. (A)

Y

LIST OF EQUIPMENT IN CUBICLES

CUBICLE #

1. DD CSD Office
2. Clothing Store Room & Electronics Store Room
3. Welding Shop  
2 Hobart Welding Machines  
1 ACT. & OXY. Welding & Cutting outfit
4. Battery Shop  
2 Battery charges
5. Static Exhibit  
1 Kleinschmidt Distilling Unit  
2 Aux. Feed pumps  
1 Bidge & Fire pump  
1 Waterbury Speed Gear  
1 Steam pump
6. General Store room and spare parts
7. 1 Packard Engine
8. 1 Cummins Diesel Engine  
1 2-71 series GM Diesel engine
9. 1 Chrysler Gas Engine  
1 LeRoe Air Compressor, Gas Eng.  
1 Superior Diesel Engine
10. 2 Kohler light plants, Gas. Eng's
11. 1 Graymarine diesel Eng.  
1 Euda Boat eng. diesel
12. 1 3-268 A, GM Diesel Engine

Encl. (P)

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SEARCHED AT THE NATIONAL ARCHIVES

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA  
OFFICE OF COMMANDING OFFICER

Refer To No.

WP30/19-7/QR (AD)  
Serial: Q747

8 June 1949.

From: Commanding Officer  
To: Chief of the Bureau of Ordnance  
Subj: Investigation of Explosion in Building #106 (Naval Reserve Armory).  
Ref: (a) Investigation Board report dated 20 May 1949.  
Encl: (A) Copy of reference (a).

1. Enclosure (A) is the report of an informal board appointed to investigate and report on subject explosion, with recommendations. The board includes the Ordnance Plant Explosive Engineer as a member. If the Reserve Training Unit is required to operate the spark making equipment, it is requested that the Bureau of Ordnance direct the measures to be taken, referred to in paragraph 2 of reference (a), to render the cubicles safe for the operation of the equipment installed therein, insofar as residual explosives are concerned.

2. Instructions for the guidance of the Commanding Officer, ROP Macon, concerning the use of explosive loading building #106, by the Naval Reserve are contained in BuOrd second endorsement on BuPers letter QR/HL2-1 Pers-3223:mio to BuDocs dated 31 July 1946. The endorsement is dated 11 September 1946.

3. The Commanding Officer, Naval Ordnance Plant, Macon, Ga., requests that the Bureau of Ordnance restate, and bring up to date, its policy regarding present assignment of Building #106. Without extensive and costly repairs, it is possible that long operation of gasoline and diesel engines in the cubicles of Building #106 may render them permanently unsuitable for explosive loading. Building #106 itself is located within the explosive area and existing station safety orders apply to the entire area. One of the restrictions of the above endorsement was, "no alterations are to be performed which will prevent the return of the building to its designed function (safe loading)".

4. It is requested that the Bureau inform the Commandant, Sixth Naval District of above restated policy.

R. S. CALDWELL

cc: (6)

DECLASSIFIED

SENT TO THE NATIONAL ARCHIVES



C  
(Ma3a-1) GAO/DMU

TO : Mad

DATE: 10 August 1949

FROM : Ma3

SUBJECT: Public Works Project at NOP Macon - Uncompleted  
Project Report on.Refs : (a) BuOrd NTX 031355Z August to NOP Macon.  
(b) NOP Macon ltr NP30/Al/N19 (AD) Serial: 0945,  
dated 19 July 1949.Encls : (A) BuOrd NTX 031355Z August to NOP Macon. (Copy)  
(B) NOP Macon ltr NP30/Al/N19 (AD) Serial: 0945,  
dated 19 July 1949.

1. Reference (a) requested that Ma3a-1 (GAO) ascertain necessity of requests for items contained in reference (b).
2. The current 4 inch steam line used to heat buildings 5A, 5B, and 5C (now the inert metal parts manufacturing shops) is inadequate to heat these buildings during an extended cold snap or during a normal winter at Macon, Georgia. Buildings 5A, 5B, and 5C are poorly insulated having been converted from inert storage warehouses to metal parts manufacturing shops. The 6 inch steam line is a definite necessity for the operation of NOP Macon, and it is recommended that NOP Macon be requested to complete the installation prior to November 15, 1950. The cost of this project (\$2,650.00) is substantially for heavy labor for trench digging and plumbers and welders. (TOTAL 2,000 manhours to complete project.)
3. The completion of the laboratory in order to install laboratory equipment received from NOP Milledgeville during consolidation move is not recommended. Present Laboratory facilities are more than adequate for the one chemist on the station and any contemplated test program for the projected workload. The building is now being worked on, however, and 12 weeks will be required to complete the job. The immediate discontinuance of this project would facilitate installation of urgently needed Lindberg furnace and the steam line.
4. It is recommended that the NOP Macon be informed by NTX of the Bureau's desires at an early date.

*W B Moore*  
W. B. Moore

CC: Es-1  
Ma3a-1

NP30/A1/W19 (AD)  
Serial: 0945

19 July 1949

From: Commanding Officer  
To: Chief of the Bureau of Ordnance  
Subj: Milledgeville-Macon Consolidation, Public Works  
Projects.  
Encl: (A) Description of two (2) Uncompleted Projects.

1. Enclosure (A) lists two (2) projects which had been planned for accomplishment by the present station maintenance personnel. Non-receipt of material has caused delay in accomplishment.

2. Unless otherwise directed by the Bureau, these projects will not be undertaken until specifically directed to do so by the Bureau.

R. S. CALDWELL

*Enc B*

DECLASSIFIED

11/18/95 7712

ED BY THE NATIONAL ARCHIVES

The following work, approved by former Commanding Officer, as a part of consolidation of Milledgeville with Macon, has not been done. This work is now held in abeyance pending Bureau of Ordnance directive to proceed:

1. Installation of 6" steam cross connection between power plants No. 4 and 104. The plant consolidation included installing steam heat in Buildings 5A, 5B, 5C. The existing 4" steam line is not adequate in cold weather. Building No. 104 boilers are 50 BHP greater capacity than Building No. 4 boilers, cross connection of adequate size needed 4" present line converted to pneumatic power would facilitate operation of compressors. The pipe for this job ordered 30 January 1948 from Navy Standard Stock. Pipe received 4 March 1949. Work has not been started. - Estimated cost \$2,650.00.
2. Installation of Laboratory equipment in Building 7, Laboratory. Laboratory equipment brought from Milledgeville is on hand. Work of installation would include flooring and ceiling part of building. (Left incomplete when erected) and extending required utilities. All material is on hand. Work not completed due to production equipment installation requirements. - Estimated Cost \$5,675.00.

ENCLOSURE (A)

DECLASSIFIED

11/10/95 7712

ED AT THE NATIONAL ARCHIVES

(In)-AJC/cep

BUREAU OF ORDNANCE  
WASHINGTON 25, D. C.

R E S T R I C T E D

*NP 30*  
*B*  
*H*  
*m S*  
*R*

From: The Inspector of Naval Ordnance Establishments.  
To: A  
Via: B

Subj: Report of Inspection of U.S. Naval Ordnance Plant,  
Macon, Georgia, on 13-14 July, 1949.

Ref: (a) BuOrd Order #44-46.

Encl: (A) Conditions Remediable by the Commanding Officer  
(hw) without Reference to the Bureau, i.e., Deviations  
from Promulgated Instructions and Safe Practices.

1. The Inspector of Naval Ordnance Establishments inspected the Naval Ordnance Plant, Macon, Georgia, in accordance with reference (a) on 13-14 July, 1949. Following the inspection, a conference was held with the Commanding Officer to discuss substandard conditions noted. Copies of the field notes for enclosure (A) were furnished to the Commanding Officer.

2. The inspector was Mr. William B. Murphy, Bureau of Ordnance Industrial Safety Engineer.

3. A resume of the conditions found is presented below; substantiating details are provided in enclosure (A):

(a) Safety Organization and Admin.	Good.
(b) Industrial Safety	Very Good.
(c) Explosives Safety	Not Inspected.

*R. C. Stammers*  
R. C. STAMMERS  
By direction

Copy to:  
Es(6), Ma, May, Ma3a-2, Re2, Sp, Ad, Ad1b - all with enclosures.

R E S T R I C T E D

DECLASSIFIED

2025 RELEASE UNDER E.O. 14176

R E S T R I C T E D

E N C L O S U R E (A)

NOP, Macon, Ga.  
Inspected on 13-14 July 1949

CONDITIONS REMEDIABLE BY THE COMMANDING OFFICER WITHOUT REFERENCE TO THE BUREAU, i.e., DEVIATIONS FROM PROMULGATED INSTRUCTIONS AND SAFE PRACTICES.

1. Any comment or deficiency noted as to a specific location, condition, or arrangement may be applicable to similar equipment, condition, etc., at other locations and accordingly should be checked at all other such locations as to need of correction.

I N D U S T R I A L A N D G E N E R A L S A F E T Y

2. Industrial accident experience, at Naval Ordnance Plant, Macon, Ga.

(a) A review of the plant's lost-time and motor vehicle accident experience shows:

Year	<u>Lost-time Accidents*</u>		<u>Motor Vehicle Accident Record</u>
	Frequency	Severity	Miles/Accident
1948	3.42	0.035	No accidents
1949 (Jan-May)	2.44	0.012	No accidents
whereas the all BuOrd averages were:			
1948	6.06	0.447	65,915
1949 (Jan-May)	5.21	1.186	82,968

\* Lost-time accident frequency rate is the number of lost-time accidents per million manhours. Lost-time accident severity rate is the number of days lost per thousand manhours.

R E S T R I C T E D

- 1 -

E N C L O S U R E (A)

DECLASSIFIED

Authority: 11A 95770

SEARCHED INDEXED SERIALIZED

~~RESTRICTED~~

3. During the period 1 April - 30 June 1949, there were a total of 78 accidents. Of these, 36 were fingers injuries, 13 were hand injuries, and 8 were arm injuries.

During the period 1 January - 30 June 1949 there were two injuries involving lost-time. In one case a man was burned as a result of a janitor's using acetone for cleaning floor which subsequently became ignited probably by a soldering operation or by static electricity. The man who was burned was an ordnanceman who was entering the room (soldering room, Bldg. 6) at the time of the flash. Two other employees in the room were slightly burned at the same time. The other lost-time injury involved a Supply Department employee who apparently sustained a hernia when engaged in inventory of general stores and re-arrangement of stock.

Since both the lost-time accidents and many of the non-lost time accidents appear to have been due to lack of instruction or safety information on the part of plant employees, it is believed that continued emphasis should be placed on the employee instruction classes now being conducted by the plant. The Safety Officer should follow this program carefully to insure that supervisors receive the information they need to put across safety instructions to employees in the most effective manner.

4. The Inspector of Naval Ordnance Establishments views with concern the present lack of a Safety Engineer, coupled with the stated intent of the Commanding Officer to dispense with the service of a Safety Engineer until the number of employees increase. The current accident frequency rate at NOP, Macon, is gratifyingly low and it is believed that it should be kept so if safety indoctrination, education, and inspection is actively continued with a competent safety engineer. A lapse in continuity in the Safety Engineer position generally means either that the accident prevention program of a station suffers, or that that the Commanding Officer or Executive Officer are required to devote a disproportionate amount of their time and attention to the safety program at the expense of other general administrative duties.

~~RESTRICTED~~

- 2 -

ENCLOSURE (A)

R E S T R I C T E D

5. (a) Periodic joint industrial health survey should be made by the Medical and Safety Officers.

(b) Periodic driver safety meetings for all drivers (chauffeurs and Marine Personnel) should be held.

(c) A plant safety order covering operation of motor vehicles should be prepared and posted.

(d) Portable electric tools should be provided with grounding wires. Permanently installed electric powered machines should be checked to insure that adequate grounding is accomplished through cables or conduits, etc.

(a) Community use of goggles and face shields at grinding wheels should be discontinued.

6. Building #3, Blacksmith and Sheetmetal Shop.

(a) Empty gas bottles should be secured against falling while awaiting pick-up.

(b) One of the wheels on the twin abrasive stand is out of round. This wheel should be dressed.

7. Building #3A, Electrical Repair Shop.

(a) The twin abrasive wheel is provided with non-safety glass protective shields. This glass should be replaced with safety glass.

(b) Air hose is deteriorated and should be replaced.

R E S T R I C T E D

- 3 -

ENCLOSURE (A)

8. Building #3A, Garage. Smoking should not be permitted in the vicinity of battery charging operations carried on in the repair section or all battery charging should be accomplished in the area set aside for charging of industrial handling equipment batteries.

9. Building #5C, Section 4, Manufacturing Machine Shop. Belt drive on surface grinder, Navy Number 002326 should be guarded.

10. Building #5C, Section 2, Inspection Table. The cooling fans in use should be permanently anchored.

11. Building #5B, Section 2, Plating Section.

(a) Fumes were noted coming from the small degreaser at Southwest corner of shop. The temperature of the solvent should be checked carefully to prevent overheating and the cooling water flow should be regulated to prevent loss of vapor. The speed of lift of the hoist should be reduced so that materials are dried out when lifted above the cooling coils.

(b) A defective and broken skid was observed in use at Northwest side of the building.

12. Building #5A, Section 4, Oil Recovery Building. The manufacturer should be contacted to determine the availability of a guard for the Tolhurst extractors which will prevent opening of covers on these machines when they are in motion. Such guarding should be installed as recommended by the manufacturer.

13. Building #3B, Carpenter Shop. The abrasive wheel and wire brush wheels should be guarded.

R E S T R I C T E D

- 4 -

ENCLOSURE (A)

DECLASSIFIED

GROUP 1 EXCEPT WHERE SHOWN OTHERWISE



NAVY DEPARTMENT  
BUREAU OF ORDNANCE  
WASHINGTON 25, D. C.

25 JUL 1949

R E S T R I C T E D

From: The Inspector of Naval Ordnance Establishments.  
To: A  
Via: B

Subj: Report of Inspection of U.S. Naval Ordnance Plant,  
Macon, Georgia, on 13-14 July, 1949.

Ref: (a) BuOrd Order #44-46.

Encl: (A) Conditions Remediable by the Commanding Officer  
(hw) without Reference to the Bureau, i.e., Deviations  
from Promulgated Instructions and Safe Practices.

1. The Inspector of Naval Ordnance Establishments inspected the Naval Ordnance Plant, Macon, Georgia, in accordance with reference (a) on 13-14 July, 1949. Following the inspection, a conference was held with the Commanding Officer to discuss substandard conditions noted. Copies of the field notes for enclosure (A) were furnished to the Commanding Officer.

2. The inspector was Mr. William B. Murphy, Bureau of Ordnance Industrial Safety Engineer.

3. A resumé of the conditions found is presented below; substantiating details are provided in enclosure (A):

(a) Safety Organization and Admin.	Good.
(b) Industrial Safety	Very Good.
(c) Explosives Safety	Not Inspected.

*R. C. Starnes*  
R. C. STARNES  
By direction

Copy to:  
Es(6), Ma, May, Ma3a-2, Re2, Sp, Ad, Ad1b - all with enclosures.

R E S T R I C T E D

8120 0218

R E S T R I C T E D

ENCLOSURE (A)

NOP, Macon, Ga.  
Inspected on 13-14 July 1949

CONDITIONS REMEDIABLE BY THE COMMANDING OFFICER WITHOUT REFERENCE TO THE BUREAU, i.e., DEVIATIONS FROM PROMULGATED INSTRUCTIONS AND SAFE PRACTICES.

1. Any comment or deficiency noted as to a specific location, condition, or arrangement may be applicable to similar equipment, condition, etc., at other locations and accordingly should be checked at all other such locations as to need of correction.

INDUSTRIAL AND GENERAL SAFETY

2. Industrial accident experience, at Naval Ordnance Plant, Macon, Ga.

(a) A review of the plant's lost-time and motor vehicle accident experience shows:

Year	<u>Lost-time Accidents*</u>		<u>Motor Vehicle Accident Record</u>
	Frequency	Severity	Miles/Accident
1948	3.42	0.035	No accidents
1949 (Jan-May)	2.44	0.012	No accidents
whereas the all BuOrd averages were:			
1948	5.06	0.447	65,915
1949 (Jan-May)	5.21	1.186	82,968

\* Lost-time accident frequency rate is the number of lost-time accidents per million manhours. Lost-time accident severity rate is the number of days lost per thousand manhours.

R E S T R I C T E D

- 1 -

ENCLOSURE (A)

R E S T R I C T E D

3: During the period 1 April - 30 June 1949, there were a total of 78 accidents. Of these, 36 were fingers injuries, 13 were hand injuries, and 8 were arm injuries.

During the period 1 January - 30 June 1949 there were two injuries involving lost-time. In one case a man was burned as a result of a janitor's using acetone for cleaning floor which subsequently became ignited probably by a soldering operation or by static electricity. The man who was burned was an ordnancemen who was entering the room (soldering room, Bldg. 6) at the time of the flash. Two other employees in the room were slightly burned at the same time. The other lost-time injury involved a Supply Department employee who apparently sustained a hernia when engaged in inventory of general stores and re-arrangement of stock.

Since both the lost-time accidents and many of the non-lost time accidents appear to have been due to lack of instruction or safety information on the part of plant employees, it is believed that continued emphasis should be placed on the employee instruction classes now being conducted by the plant. The Safety Officer should follow this program carefully to insure that supervisors receive the information they need to put across safety instructions to employees in the most effective manner.

4. The Inspector of Naval Ordnance Establishments views with concern the present lack of a Safety Engineer, coupled with the stated intent of the Commanding Officer to dispense with the service of a Safety Engineer until the number of employees increase. The current accident frequency rate at NOP, Macon, is gratifyingly low and it is believed that it should be kept so if safety indoctrination, education, and inspection is actively continued with a competent safety engineer. A lapse in continuity in the Safety Engineer position generally means either that the accident prevention program of a station suffers, or that that the Commanding Officer or Executive Officer are required to devote a disproportionate amount of their time and attention to the safety program at the expense of other general administrative duties.

R E S T R I C T E D

- 2 -

ENCLOSURE (A)

DECLASSIFIED

FILED AT THE NATIONAL ARCHIVES

R E S T R I C T E D

5. (a) Periodic joint industrial health survey should be made by the Medical and Safety Officers.

(b) Periodic driver safety meetings for all drivers (chauffeurs and Marine Personnel) should be held.

(c) A plant safety order covering operation of motor vehicles should be prepared and posted.

(d) Portable electric tools should be provided with grounding wires. Permanently installed electric powered machines should be checked to insure that adequate grounding is accomplished through cables or conduits, etc.

(e) Community use of goggles and face shields at grinding wheels should be discontinued.

6. Building #3, Blacksmith and Sheetmetal Shop.

(a) Empty gas bottles should be secured against falling while awaiting pick-up.

(b) One of the wheels on the twin abrasive stand is out of round. This wheel should be dressed.

7. Building #34, Electrical Repair Shop.

(a) The twin abrasive wheel is provided with non-safety glass protective shields. This glass should be replaced with safety glass.

(b) Air hose is deteriorated and should be replaced.

R E S T R I C T E D

R E S T R I C T E D

8. Building #3A, Garage. Smoking should not be permitted in the vicinity of battery charging operations carried on in the repair section or all battery charging should be accomplished in the area set aside for charging of industrial handling equipment batteries.

9. Building #5C, Section 4, Manufacturing Machine Shop. Belt drive on surface grinder; Navy Number CO2326 should be guarded.

10. Building #5C, Section 2, Inspection Table. The cooling fans in use should be permanently anchored.

11. Building #5B, Section 2, Plating Section.

(a) Fumes were noted coming from the small degreaser at Southwest corner of shop. The temperature of the solvent should be checked carefully to prevent overheating and the cooling water flow should be regulated to prevent loss of vapor. The speed of lift of the hoist should be reduced so that materials are dried out when lifted above the cooling coils.

(b) A defective and broken skid was observed in use at Northwest side of the building.

12. Building #5A, Section 4, Oil Recovery Building. The manufacturer should be contacted to determine the availability of a guard for the Tolhurst extractors which will prevent opening of covers on these machines when they are in motion. Such guarding should be installed as recommended by the manufacturer.

13. Building #3B, Carpenter Shop. The abrasive wheel and wire brush wheels should be guarded.

R E S T R I C T E D

- 4 -

ENCLOSURE (A)

ND6/L5-3  
C-103:ds

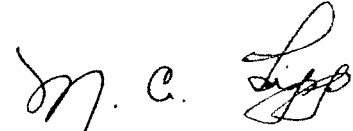
End-2 on Com6ND ltr L5-4/NP30/ND6  
(60-DC-300-Re) to BuDocks  
via CO, NOP, Macon, Ga. dtd  
8 Jul 49

18 AUG 1949

From: Chief of the Bureau of Yards and Docks  
To: Chief of the Bureau of Ordnance  
Subj: Report of Annual Inspection Public Works and  
Public Utilities, Naval Ordnance Plant, Macon,  
Georgia.

1. Forwarded for information and files of the Bureau of  
Ordnance.

2. The enclosed report has been reviewed by the Bureau of Yards  
and Docks. It is noted, by endorsement one, that a reduction in main-  
tenance personnel will permit only minimum upkeep for support of station  
activities.



cc: ComSIX  
CO, NOP, Macon, Ga.

M. C. Lipp  
By direction of Chief of Bureau

081949 0212

DECLASSIFIED

RECEIVED AT THE NATIONAL ARCHIVES

U. S. NAVAL ORDNANCE PLANT  
MACON, GEORGIA

C-100M

Refer to No. NP30/A9-1/A1 (PW)  
Serial: 0923

Encl. 1 on Com6 ltr. L5-4/NP30/ND6  
(60-DC-300-Re) dtd 7-8-49

15 July 1949

From: Commanding Officer, U. S. Naval Ordnance Plant, Macon, Ga.  
To: Chief of Bureau of Yards and Docks

SUBJECT: Report of Annual Inspection Public Works and Public  
Utilities, Naval Ordnance Plant, Macon, Georgia.

1. Forwarded with the following comments:

(a) Third item, page 2, Buildings 5A, 5B, 5C, Production buildings. A careful survey of the need for work at this time shows only Buildings 5B and 5C requiring immediate attention. Material is on hand to repair two buildings. Therefore only these two buildings will be worked. - Estimated cost \$4,000.00.

(b) First item, page 4, Building 107, Storage (Formerly Detonator). Material on hand for renewal of roof but only patch work will be done at this time. - Estimated cost \$2,000.00.

(c) Unless otherwise directed by the Bureau of Ordnance, and in view of the reduced maintenance personnel, the above listed items and only to the extent shown, will be undertaken at this time. Minimum maintenance requirements for the manufacturing program and support of the mission only, will be accomplished on other items recorded.

  
R. S. CALDWELL

Copy to: Com6  
ChBuOrd, Sec. 1a  
with advance copy  
of encl. (A) to basic  
letter

3989

7

NP26/L5-3

COMMANDANT SIXTH NAVAL  
DISTRICT, NAVAL BASE, S. C.

HEADQUARTERS SIXTH NAVAL DISTRICT  
NAVAL BASE, S. C.

MACON, GA.  
JUL 23 1949



REFER TO NO.

LS-4/MP30/MD6  
(60-2)C-300-Re

8 July 1949

*MP30*

*ES*

*MD*

081949 0212

From: Commandant, Sixth Naval District  
 To: Chief, Bureau of Yards and Docks, Navy Department,  
 Washington 25, D. C.  
 Via: Commanding Officer, U. S. Naval Ordnance Plant,  
 Macon, Georgia.  
 Subj: Report of Annual Inspection Public Works and Public  
 Utilities, Naval Ordnance Plant, Macon, Ga.  
 Ref: (a) BuDocks Cir Ltr 43-48 dated 19 Aug. 1948.  
 Encl: (A) Report of Annual Inspection Public Works and Public  
 Utilities, Naval Ordnance Plant, Macon, Ga.

1. The inspection covered by enclosure (A) was made by a representative of the District Public Works Officer, Sixth Naval District, on 7 June 1949, and is submitted herewith.

*J. D. Wilson*  
J. D. WILSON  
By direction



ANNUAL INSPECTION OF PUBLIC WORKS AND PUBLIC UTILITIES  
NAVAL ORDNANCE PLANT, MACON, GA.

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Section 4	TRACKS, RAILROAD AND CRANE	" 1
Section 5	SEWERS AND SEWAGE DISPOSAL SYSTEM	" 1
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Section 16	POWER PLANTS, REFRIGERATION, ETC.	" 5
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081949 0212

INDEX

HEAVY CONCRETE BLDG. PROJECT BY  
BIRMINGHAM CO. LUMBER WORKS AND LUMBER SHEDS

PLANT, MACON, GA.  
SUBMITTED AS OF 7 JUNE 1949

- Section 1. POLICE AND FIRE PROTECTION. Approximately forty men are used to provide a 24-hour security patrol. There is a civilian fire department which maintains a 24-hour fire watch. In case of a fire alarm, the fire department is assisted by marines and certain designated civilians. There are two pump and ladder fire trucks. Each truck carries a reserve of 100 gallons of water. All fire extinguishers were checked June 16, 1949.
- Section 2. GENERAL YARD CLEANING AND CARE OF GROUNDS. The general appearance of the grounds reflects excellent maintenance.
- Section 3. ROADS, WALKS AND PAVEMENTS. All roads, walks and pavements are in excellent condition.
- Section 4. TRACKS, RAILROAD AND CRANE. The railroad tracks are in good condition.
- Section 5. SEWERS AND SEWAGE DISPOSAL SYSTEM. The sewer system appears in good condition.
- Section 6. WATER SUPPLY. A. Fresh Water. The water supply is from the City of Macon. There are two 100,000 gallon elevated tanks and for additional fire protection storage, one 100,000 gallon combination reservoir and swimming pool. A deep well delivering approximately 360 G.P.M. has recently been completed. The well water is being used solely for industrial purposes and is not connected with the fresh water system.
- Section 7. BUILDINGS.
  - A. Quarters. Quarters "A", Commanding Officers quarters. In excellent condition structurally and otherwise. Quarters "C" and "F". These quarters are in excellent condition. Quarters "B". There are several minor repairs necessary which can be accomplished as routine maintenance, otherwise the quarters are in good condition. Quarters "D", "E", "G" and "H" are in excellent condition structurally with the exception of the need for removing one screen door in Quarters "B".
  - B. Other Buildings. All buildings have been inspected and except as noted below were found to be in good condition structurally and otherwise.
    - Building #1, Administration. The plastering on the first floor is in need of minor repairs. Repair wooden step leading from Bldg. #1 to Bldg. #1-A. Renew cords and tapes on venetian blinds. Building otherwise is in excellent condition. 6 mos. \$525.
    - Building #1-A, Payroll (Annex to Administration Bldg.). In need of interior painting. 9 mos. \$400.
    - Building #2, Cafeteria. Exterior woodwork in need of painting. Remove venetian blind cords. 12 mos. \$125.

SECTION I

STATISTICS. THESE ARE THE  
THE LITTLE PAPERWORK IS NEARLY ALL THE WORK. IN CASE OF  
WENT INTO THE OFFICE & SE-PORT THE WORK. THESE IS A CLASSIFIED FILE WHICH  
BUDGET & SE-PORT ACCOUNTS. THESE IS A CLASSIFIED FILE WHICH  
OFFICE AND THE ACCOUNTS. THESE IS A CLASSIFIED FILE WHICH

RECEIVED FEB 20 1954  
NAVY DEPARTMENT

- Building #4, Power House. Exterior woodwork in need of painting.  
6 mos. \$325.
- Building #4-A, Heater House. Due to deteriorated condition of this building, it is recommended that it be surveyed and replaced with a new building.  
12 mos. \$900.
- Bldgs. #5-A, #5-B and #5-C, Production Buildings. Replace preformed asphalt strips and plate ridge on each building. These buildings are in excellent condition otherwise.  
9 mos. \$6000.
- Building #5-D, Lumber Storage Shed. Roof covering in need of renewal.  
6 mos. \$525.
- Building #5-E, Oil Storage. Repair roof covering, paint exterior of building.  
12 mos. \$500.
- Bldgs. #5-F, #5-G, #5-H, #5-J, #5-K, #5-L, #5-M, #5-N, #5-P, prefabricated metal storage buildings. Each building is in need of exterior painting. These buildings are in structurally good condition.  
12 mos. \$180.
- Building #7-A, Laboratory. Front entrance in need of repairs. In need of exterior painting.  
6 mos. \$500.
- Building #7-B, Wind Tunnel Building. Replace deteriorated window frames. Replace window screens.  
6 mos. \$225.
- Building #7-C, Test House. Roof in need of repairs. This building is in good condition otherwise.  
12 mos. \$25.
- Building #7-D, Linseed Oil Breakdown. Exterior of building in need of painting.  
9 mos. \$75.
- Building #7-E, Test Firing House. Renew roof covering. 3 mos. \$20.
- Building #9, Dispensary. Window screens and one screen door rusted and in need of replacement. Renew cords and tapes on venetian blinds. Interior and exterior of building in need of painting. Building is otherwise in excellent condition structurally.  
12 mos. \$1250.
- Building #11, Loading Platform. Metal work in need of painting. In excellent structural condition otherwise.  
12 mos. \$10.
- Building #38, Blending and Weighing House. Replace roof covering.  
12 mos. \$25.
- Building #39, Dryer House. Replace roof covering. Paint exterior and interior.  
3 mos. \$85.

... necessary ...  
... 1962 ...  
... of ...

- Building #40, Pouring House. Exterior in need of repainting.  
3 mos. \$35.
- Buildings #55-#67, Storage and Dryer Houses. Each of these buildings is in need of exterior painting. Otherwise they are in good condition.  
6 mos. \$140.
- Building #68, Storage and Equipment Shed. Repair roof sheathing, renew roof covering and exterior in need of painting. 3 mos. \$760.
- Building #69, Magnesium & Aluminum Storage. This building is in a bad state of repair and will very likely be surveyed.
- Building #85, Smoke Stand. In need of exterior painting, otherwise, in good structural condition.  
12 mos. \$50.
- Building #86, Smoke Stand. Renew roof covering and paint exterior.  
12 mos. \$125.
- Building #87, Storage (formerly Time Clock Bldg.). Exterior in need of painting.  
9 mos. \$75.
- Building #94, Time Shed. Replace shoeplates. Exterior of building in need of painting.  
12 mos. \$500.
- Building #96, Entrance Shelter. Renew roof covering and install new gutters.  
12 mos. \$40.
- Building #99, Solvent Building. Building is in fair condition. In need of exterior painting.  
6 mos. \$15.
- Building #100, Smoking Stand. In need of renewal of roof covering. Exterior in need of painting.  
12 mos. \$125.
- Building #102, Marine Barracks. Repair cords and tapes of venetian blinds. Building is in need of exterior painting. The rusted iron water piping is being replaced with copper tubing. This building otherwise is in good structural condition.  
3 mos. \$200.  
3 mos. \$750.
- Building #103, Cooling Tower. This metal structure is in need of painting.  
6 mos. \$350.
- Buildings #105-B and #105-C, Warehouses. These buildings are structurally in good condition, however, the exposed metal soffits are in need of painting.  
9 mos. \$150.
- Building #106-A, Production Machinery Storage. The exterior woodwork is in need of painting, otherwise this building is in good structural condition.  
9 mos. \$240.

Building #107, Storage (formerly Detonator). Exterior woodwork in need of painting. The present roof is leaking and is considered beyond economical repair. It is recommended that the roof covering be completely renewed. Otherwise, the building is in good condition. 3 mos. \$7400.

Building #109, Primary Cap Building. All exterior woodwork is in need of painting. A part of the fascia plate is in need of replacement. This building otherwise is in good condition. 3 mos. \$525.

Building #111, Time Clock and Smoke Stand. Exterior of this building is in need of painting. 12 mos. \$65.

Building #114, Chemical Sampling. The front doors have rotted beyond economical repair and should be replaced. 3 mos. \$20.

Buildings #G-1 thru #G-10, Gate Houses. All exposed metal work on these Gate Houses should be repainted. The doors are in need of repairs and painting. 3 mos. \$150.

Bldgs. #D-1 and #D-2, Dryer Bldgs. Roof covering should be renewed and all exterior and interior surfaces painted. 9 mos. \$230.

Bldgs. #D-3 thru #D-6, Dryer Bldgs. These buildings are all in need of exterior painting. 12 mos. \$80.

Building #D-7, Dryer Building. Repairs to the door are required. Repairs to the roof and repairs to the ventilator are also needed. 3 mos. \$130.

Bldgs. #D-10, 12, 14, 15, 16, Dryer Buildings. These buildings are in need of interior and exterior painting. 12 mos. \$625.

Building #D-11, Dryer Building. The door hinges are in need of replacement and repairs to the lock are required. The building is in need of interior and exterior painting. 12 mos. \$140.

Building #D-13, Dryer Building. The floor is in need of repairs. 12 mos. \$190.

Bldgs. #201, #202, #203, #204 and #205. These buildings have been recently acquired from the City of Macon Housing Authority. The following items of work are required on the exterior:

1. All porch columns are in need of repair 6 mos. \$325.
2. Each building is in need of exterior painting of all woodwork 6 mos. \$800.
3. The window screens have all rusted out and are in need of replacement. 12 mos. \$1000.
4. The Built-up type roofs on each of these five buildings are in need of some repair work. 6 mos. \$625.

2 mos. \$1700  
be completely removed. Operations are continuing in good condition.  
belong economy labor. It is recommended that the roof covering  
need of repairs. The present roof is rusting and is completely  
REPAIRS BY THE SPECIALS (COLLECTIVE REPORT). REPAIRS SHOULD BE

At the time of the inspection, these buildings were so completely filled with miscellaneous materials that no accurate inspection could be made. Information available, however, indicated that all lighting and plumbing fixtures had been removed before this property was released to the Navy. These buildings are of hollow tile and concrete construction and other than the conditions noted above, are in good condition.

Building #206, Recreation. This frame building is in fairly good condition structurally. However, the weatherboarding is in need of renailing and the exterior of the building should be painted.  
6 mos. \$1800.

Section 8. FURNITURE AND OFFICE EQUIPMENT. In good condition.

Section 9. FENCES AND WALLS. The fences are in excellent condition with the exception of five strands of barbed wire at the top of the fence. This barbed wire is rusting, and due to rusting, is discoloring the woven wire fence. It is recommended that the barbed wire be replaced.  
The only wall reported is the one at the explosive unloading dock. This wall is in good condition.  
12 mos. \$2000.

Section 10. CHIMNEYS AND STACKS. All chimneys and stacks are in good condition.

Section 11. MASTS. Some rusting was noted on the lightning mast. It is not believed sufficiently serious to require painting or other correction.

Section 12. WATERFRONT STRUCTURES. NONE.

Section 13. DREDGING, ETC. NONE.

Section 14. DOCKING FACILITIES. NONE.

Section 15. BUILDING WAYS, ETC. NONE.

Section 16. POWER PLANTS, REFRIGERATION PLANTS AND AIR CONDITIONING PLANTS. Equipment in these plants is in good condition. No particular repair work is recommended.

Section 17. DISTRIBUTION SYSTEMS. All distribution systems appear to be in good condition with the exception of a 2-1/2" steam line approximately 2,000 feet long supplying Building 109. It was noted that there is no condensate return line for this steam line which results in considerable waste. It is recommended that a 1-1/2" condensate return line be installed.  
Estimated cost \$1400.

Section 18. STORAGE AND DISTRIBUTION FACILITIES FOR PETROLEUM PRODUCTS. All storage tanks and distribution facilities under this category are in good condition.

in good condition. Complete consideration and other than the conditions noted above, are referred to the head. These conditions are of normal size and dimensions and by means of these are being removed before they become any more. Information regarding removal of damaged and other things with miscellaneous materials are to complete inspection of the items of the inspection these materials are so completely

Section 19. SIGNAL AND COMMUNICATION SYSTEM.

A. The fire alarm system is in good condition. It is maintained under close inspection. There are two telephones used solely for incoming fire calls. One is located in the Guard House, Building #8, and the other in the Marine Barracks, Building #102.

B. The entire telephone system is owned and maintained by Southern Bell Telephone & Telegraph Co. There is one leased telegraph wire.

Section 20. ELEVATORS. NONE.

Section 21. WEIGHT HANDLING APPLIANCES.

<u>Make</u>	<u>Type</u>	<u>Serial #</u>	<u>Condition</u>
Baggage Truck	Automatic, Sparkproof, Electric EN2X	9208	Good
Baggage Truck	"	Unknown	"
Fork Lift	Automatic (Ready Power) Gas Model H	11291	Good
Fork Lift	"	12853	"
Fork Lift	"	12844	"
H.D. Fork Lift	Automatic, Elec. Hydraulic explosion proof Model HF-30EP	13973	Good
"	"	13980	"
"	" THIFL	12072	"
Fork Lift	Automatic full Electric Sparkproof THIFL	11008	Good
Baker Fork Lift	Gas. Electric	8396	Good
"	"	8521	"
Clark Clipper	Gas. Hydraulic	4320	Good
"	"	4321	"
Worthington Compressor	Model C-1900	18271	Good
Int. Tractor	Model A	FAA 70072	Good
"	"	FAA 70076	"
Ford Ferguson Tractor		98592	Good
Clark Ind. Tractor	Heavy	CK 44 98	Good
"	"	CK 48738	"
"	"	CK 46128	"
"	"	CK 43736	"
"	"	CK 43737	"

1. The entire telephone system is owned and maintained by the contractor and the contractor is responsible for the maintenance of the system. The contractor is also responsible for the maintenance of the telephone system. The contractor is also responsible for the maintenance of the telephone system.

Section 19.

REPAIR AND MAINTENANCE

<u>Make</u>	<u>Type</u>	<u>Serial #</u>	<u>Condition</u>
Northwest Crane with 45' boom on 4-ton, 10-wheel Mack	Model 25	Mack #D2447 Northwest 10102	Good
Yale 3-ton Ready Power unit with Crane #K42S H-6	Model 11-36	8043	Good

Section 22. TRANSPORTATION. Not included in this report.

Section 23. CONSTRUCTION EQUIPMENT. NONE.





# SPEEDLETTER

IN REPLY REFER TO:

HP80/878-1/19-7/LL (HD)  
5-1-1-2102

23 August 1949

TO: Chief of the Bureau of Medicine & Surgery  
Navy Department  
Washington 25, D. C.

Via: Chief of the Bureau of Ordnance

- Does not clear through communication offices.
- Permits dispatch or informal language.
- May be sent (1) air mail and/or special delivery, (2) with enclosures, (3) to nonmilitary activities, (4) in window envelopes.
- Special space for "From Above" Tab.
- Field activity's correspondence format to require.
- Field activities obtain supply from their District Publications and Printing Offices.
- Navy Department obtain supply from Records and Publications Section, Administrative Office, Navy Department, Washington 25, D. C.
- Available in pads of 25 sets, each set comprised of 1 white, 1 yellow, 1 pink, and 1 green. Additional pads of 100 available in white, pink, and green.

INDICATE HERE IF CLASSIFIED

Subj: Red Phosphorus - Protection of workers; request for additional information.

1. The Naval Ordnance Plant, Macon, Ga., instituted protective measures prescribed on page 98 of pamphlet "Toxicology and Prevention of Industrial Disease" published by Headquarters Eight Service Command Medical Branch, U.S. Army (revised) July 1944, in loading operations involving red phosphorus. In view of statement at bottom of page 147 on diseases of the skin, Schwartz and Tulpin 1938, Bureau of Medicine and Surgery is requested to furnish any additional available safety precautions for workers in red phosphorus. The red phosphorus used is in powder form and it is likely that any resulting toxicity would come from inhalation of the dust.

COPIES TO

SIGNATURE AND TITLE  
**R. S. CALDWELL**  
 Commanding Officer

SENDER'S MAILING ADDRESS (INCLUDE OFFICE SYMBOL, IF DESIRED)  
 COMMANDING OFFICER  
 U. S. NAVAL ORDNANCE PLANT  
 MACON, GEORGIA.

ATTENTION ADDRESSEE: Speedletter reply should be addressed as with Macon prompt routing of reply.

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U. S. NAVAL ORDNANCE PLANT

MACON, GEORGIA

OFFICE OF COMMANDING OFFICER

Refer To No.

NP30/LA-3/p-g


3 October 1945

To: Chief of the Bureau of Ordnance

Subj: Hour and Date of Conversion, Naval Ordnance Plant, Macon, Ga.

Ref: (a) TelConv., Naval Ordnance Plant, Macon (Capt. Pfaff) and  
Bureau of Ordnance (Capt. Smith) of 3 October 1945.

1. It is recommended that the Navy take over at 0800, 5 November 1945.
2. Reynolds Corporation concurs.

  
ROY PFAFF  
CO, NavOrdPlant, Macon, Ga.

cc:  
Reynolds Corp.  
Cost Inspector

FILED

NP30

Pra

ilu

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