

FILE NAME: US Steel (USS)

DATE: 1936

DOC#: USS001

DOCUMENT DESCRIPTION: US Navy Maritime Commission Health Survey

INDUSTRIAL WASTE SURVEY

Figure 1

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

SECRET, USE ONLY

August 20 and 21,
September 1 and 2, 1964

This document contains information affecting the national defense of the United States within the meaning of the Espionage Act 20 U.S.C.. It and its transmission or the revelation of its contents in any manner is an unauthorized form of communication and is prohibited by law.

~~SECRET~~

Memorandum Computer Editor E. P. Fletcher, 22-740, WASH. Health & Safety Division of the Federal Bureau of Investigation
U. S. National Security, War Dept

During this industrial health survey, the following were interviewed:

Mr. W.S. Swinney Vice-President and General Manager
 Lieut. E.V. Orr Office of Supervisor of Shipbuilding
 Mr. Wm. J. Corbett Jr. Security Officer
 Mr. T.F. Collier Safety Engineer
 Mr. J.H. Love Manager of Industrial Relations
 Mr. G.J. Fichter Asst. Manager of Industrial Relations
 Mr. J. Krawinkel Medical Director
 Mr. J.J. Williams Asst. to the Medical Director
 Mr. F. Jester Asst. Plant Engineer
 Mr. L. Hartigh Restaurant Manager
 Mr. F. Grand Chief Welding Instructor
 Mr. H. Helling Ventilation Supervisor
 Mr. H. Hyder Asst. Safety Engineer
 Mr. F.H. Tynes Asst. Foreman of Paint Shop
 Mr. G. Hayslett Hospital and Sanitary Inspector
 Mr. Lawrence Fay President, Local 16, IUMW, CIO
 Mr. J. O'Connor Sec. Secy., Local 16, IUMW, CIO

Reference: "Minimum Requirements for Safety and Industrial Health in Contract Shipyards." Approved by the U.S. Navy, U.S. Maritime Commission and War Shipping Administration.

Consultative services on Safety and Industrial Health may be obtained through the National Director of Construction, 1015 Chestnut St., Phila. 9, Pa.

Description of Work

This shipyard is building cruisers and destroyers for the U.S. Navy and 24 combat cargo ships (formerly termed AKA) and 30,000 ton T transports (formerly termed APA and PA) for the U.S. Maritime Commission. There are 3 shifts of workers on the following schedule:

<u>Designation</u>	<u>Hours of Shift</u>	<u>Worker Population</u>
Day	8 AM - 4:30 PM	12,000
Evening	4:30 PM - 12:30 AM	5,000
Night	12:30 AM - 8 AM	1,000
	Total	18,000

In these departments where pressure of work necessitates it, some workers are assigned on a Sunday shift. While the number of such workers varies, it averages about 1% of the worker population.

The day shift is allowed 30 min. for lunch and the evening and night shifts 20 min.

A few weeks ago the yard began employing female workers and now there are 500 on the day, 100 on the evening and none on the night shift.

This shipyard, a subsidiary of U.S. Steel Corporation, has been in existence for many years, and during the past few years has expanded its worker population from several thousand to the present number. The physical facilities of the yard have likewise expanded tremendously.

There are 31 ways, 2 outfitting piers and 1 floating drydock. There are 9 assembly areas and the following shops:

Plasma
Assembly
Carpenter
Paint (2 shops)
Tire Machine
Pipe Fabrication (outside contractor)
Scaffolding (a corrugated space
out-of-doors)

Outfitting (Outside Machine)
Boiler Assembly
Electrical
Machine Assembly
Sheet Metal
Temporary Ventilation

• • •

The yard is large and there is ample storage space for plates and other materials. The company is self-insured. Local 26, IWWA, CIO is the collective bargaining agency.

The following numbers refer to the items in Minimum Requirements:

B-2 Medical Facilities

B-2.1 Personnel

There are eleven part-time physicians on duty whose time is so arranged that a doctor is present in the yard from 8 A.M. to 7 P.M. and from 8 P.M. to 11:00 P.M. A physician is on call at all times when no doctor is on duty in the yard. No doctors are employed full time. It has been the company's experience that the professional caliber of doctors who wished to work part-time in the shipyard and conduct a private practice during their time away from the yard was considerably higher than that of doctors who wished to work full time in the yard. Therefore, for some time past, the company has employed only part-time doctors and finds that this policy works very satisfactorily. In view of the medical services during the greater portion of shipyard activity and of the fact that a doctor on call can be summoned in a few minutes when needed, it is felt that the yard has complied with Minimum Requirements.

B-2.2 The yard has complied with Minimum Requirements.

B-2.3 Nurses

There are 6 female and 20 male registered nurses and 20 first aid men. These personnel are distributed at the various yard hospitals as indicated under B-2. One registered nurse is engaged full time in the inspection of the 6 hospitals and 20 caissons. The yard has more than complied with Minimum Requirements and deserves commendation for the number of nurses and first aid personnel that it employs.

B-2.4 Clerks

There are 6 clerks employed in the medical department. This is below the

under stated in Plans Requirements. However, since the company is self-insured, all compensation, insurance and disability forms are processed and all cost records kept by the Casualty Department. This relieves the Medical Department of a tremendous amount of clerical work. The Casualty Manager and Medical Director stated that 8 clerks had been found adequate to do the work of the Medical Department.

2.3 Two ambulances with drivers are available on all shifts.

2.4 Physical Facilities

There is one hospital and 3 sub-dispensaries in the shipyard, placed at strategic locations to minimize the time lost by the worker in transit to and from a dispensary. The hospital and dispensaries are designated by the letters A, B, C, D, E and F and a brief description of each follows:

A - Main Hospital - This is located just outside the gate and is open only on the day shift. The facilities are: registration, and waiting room, large treatment room, ophthalmic eye treatment and minor surgery room, physiotherapy room, male and female examining rooms, X-ray and dark room, offices, toilets, lockers, storage room and 4 third beds. A doctor is on duty from 9 A.M. - 5 P.M. Night nurses and first aid men are on duty during the day shift. Both part week-end and female office personnel are treated here. One doctor on duty here is an eye specialist for 3 hours a day.

B - Dispensary - This is located at the South East Basin and is open on all 3 shifts. Only male workers are treated here. Thirteen nurses and first aid men are distributed over the 3 shifts. A doctor is on duty from 9 A.M. - 11 A.M. and from 5:30 P.M. - 11 P.M. The facilities are: registration, waiting room, general and eye treatment room, portable X-ray and dark room, toilet, storeroom and 2 third beds.

- 4 -

Wp. Dispensary - This is located near Bay 7/11 and is open on all 3 shifts. Only male workers are treated here. Five nurses and first aid men are distributed over the 3 shifts. A doctor is on duty from 8 A.M. - 24 noon and from 8 P.M. - 9 P.M. The facilities are: registration, waiting room, medical examination and one bed ward, x-ray and eye treatment, toilet, and shower.

Wp. Dispensary - This is located between Bays 4/1 and 4/2 and is open on the day and evening shifts. Daily eye cases, both male and female, from Bays 4/1 to 4/20, and from the Sheet Metal and Photo Shops are treated here. Three nurses and first aid men are divided between the two shifts. The facilities are: registration, waiting and treatment room, toilet, shower and one bed ward. A nurse is always on duty at this dispensary. Any female body, attended simply enough in the eye to require the use of a speculum is immediately referred to a doctor for examination.

Wp. Dispensary - This is located near the Assembly Shop and is open on the day and evening shifts. Five nurses and first aid men are divided between the two shifts. X-ray and eye treatment are provided, consisting of registration, waiting room, general and eye treatment, examining room with one bed ward, toilet and shower.

Wp. Dispensary - This is located at the north west end of the Photo Shop and is open on the day and evening shifts. Five nurses and first aid men are divided between the two shifts. Daily females are treated here. The facilities are: registration, waiting and treatment room, toilet, shower and one bed ward. The students of this dispensary are unattended children: files to enter. It is recommended that this dispensary be equipped with fly proof screens.

6.2 Pre-employment physical examinations are given to all new workers. Formerly these examinations were conducted by a physician, but due to the induction of several good physicians and the 1st General Store at Gators, the shop has so far been unable to secure doctors to conduct the pre-employment examinations. In a few years expected, a registered nurse, who attended medical school for 2 years, finished the previous

With extraordinary, no charge is recorded.

The first two completed with items (b), (c), (d), (e) and (f). Subsequent items (g) through (j) are made up with patients having no appointments from. Since the Patient Department stated that this arrangement

• **Administrative** - The administrative staff of the agency, including the chief of staff, assistant chief of staff, and other support personnel.

THE JURY HAS CONSIDERED THE EVIDENCE AND FINDS THAT THE DEFENDANT IS GUILTY OF THE CHARGE.

All workers are requested to be kept in line to their work or waiting area and the names are distributed according to the arrangement described above. In case of emergency it is expected that the worker will be at work not the dispensary nearest to the site of the accident. Bureau and first aid men may be redistributed during any time of the day to facilitate handling of unexpected increases in the number of workers waiting treatment. Ambulances are taken to St. Francis Hospital, Jersey City, N.J. Due to the heavy traffic on the bridge, the ambulance can only deliver them to Jersey City and to the hospital. The subject is to be contacted for further such a correspondence and

Inventory of Receipts and Disbursements

engineers. Anytime, in case of a complete pathological nature is referred for decision to the doctor on duty. While the practice of having a nurse conduct the examination and decide which workers should be further examined by a doctor cannot be approved, it is realized that this compromise is due to the acute shortage of physicians and that an examination by a registered nurse is far better than no examination at all. It is recommended that the yard continue their efforts to secure an adequate number of physicians to conduct the pre-employment physical examinations.

6.3 It proved to be futile that examinations are done on men working in complete ignorance to themselves or others. In this yard the three groups in this category are (1) crane operators, (2) machine engineers and hoisting and portable engineers, (3) welders and (4) spray painters. It is suggested that beginning in September 1944 each of these examinations will be started. It is recommended that the following schedule of examinations be carried out:

Complete physical examinations to be done once and repeated every 6 months, with complete treatment for blood pressure, sugar, cholesterol, and other conditions, as indicated. In addition, treatment programs should be started for hypertension and diabetes.

• **Check regularly for an easy to carry out safety plan** in your business facility, as well as

1. **THE**
 2. **THE**
 3. **THE**
 4. **THE**
 5. **THE**
 6. **THE**
 7. **THE**
 8. **THE**
 9. **THE**
 10. **THE**
 11. **THE**
 12. **THE**
 13. **THE**
 14. **THE**
 15. **THE**
 16. **THE**
 17. **THE**
 18. **THE**
 19. **THE**
 20. **THE**
 21. **THE**
 22. **THE**
 23. **THE**
 24. **THE**
 25. **THE**
 26. **THE**
 27. **THE**
 28. **THE**
 29. **THE**
 30. **THE**
 31. **THE**
 32. **THE**
 33. **THE**
 34. **THE**
 35. **THE**
 36. **THE**
 37. **THE**
 38. **THE**
 39. **THE**
 40. **THE**
 41. **THE**
 42. **THE**
 43. **THE**
 44. **THE**
 45. **THE**
 46. **THE**
 47. **THE**
 48. **THE**
 49. **THE**
 50. **THE**
 51. **THE**
 52. **THE**
 53. **THE**
 54. **THE**
 55. **THE**
 56. **THE**
 57. **THE**
 58. **THE**
 59. **THE**
 60. **THE**
 61. **THE**
 62. **THE**
 63. **THE**
 64. **THE**
 65. **THE**
 66. **THE**
 67. **THE**
 68. **THE**
 69. **THE**
 70. **THE**
 71. **THE**
 72. **THE**
 73. **THE**
 74. **THE**
 75. **THE**
 76. **THE**
 77. **THE**
 78. **THE**
 79. **THE**
 80. **THE**
 81. **THE**
 82. **THE**
 83. **THE**
 84. **THE**
 85. **THE**
 86. **THE**
 87. **THE**
 88. **THE**
 89. **THE**
 90. **THE**
 91. **THE**
 92. **THE**
 93. **THE**
 94. **THE**
 95. **THE**
 96. **THE**
 97. **THE**
 98. **THE**
 99. **THE**
 100. **THE**

...

THE UNIVERSITY OF CHICAGO PRESS

2-2 Responsibilities of the Federal Services

The yard has complied with minimum requirements.

2-3 Building Maintenance

There are 14 cantons for assigned workers and one cafeteria for day and office personnel run by the company under the direction of Mr. L. L. Larragh, Restaurant Manager. There is also a small private dining room for Bureau and supervisors. Food for the cantons is prepared in the Field Kitchen, which is housed in a separate building; just outside the yard gate. Food is conveyed to the cantons by company trucks with the exception of hot items which is placed in the cantons directly by the outside contractor.

Cantons, Field Kitchen and cafeteria are inspected 3 or 4 times a week by a registered nurse from the Medical Department. Garbage and refuse are removed daily from the cafeteria, Field Kitchen and cantons. All food handlers in the yard are required to have periodic examinations as required by the laws of the

State of New Jersey.

Field Notes - The general sanitary conditions of the Field Station were good with the exception of the numerous flies present. The screen door did not close due to an inadequate spring; and the wall ventilators securing approximately 2 ft. were unsecured. It is recommended that both these conditions be corrected as soon as possible. The air refrigeration has to get in inadequate to care for all of the food and milk required; cold storage, thus of courses of milk must frequently stand for several hours with no refrigeration and there have been complaints from workers that milk sold in the canteen was sour. Milk is an excellent food and in order that a more rapid receipt of fresh milk daily is considered that additional refrigeration space is necessary. This objection was discussed in some detail with the Assistant Plant Engineer and Assistant Engineer. It is suggested that another refrigeration box could

- 8 -

to installed adjacent to the present one on the site now occupied by the women's bunker room in the Field Division. Toilet and washbasin facilities at the far end of this bunker room could not be disturbed. These female work-ers would thus use available bunker facilities in the basement of the nearby Administration Building. Since these particular women already use this Administration Building to sleep in and dress etc, no extra ground is involved.

Sanitation (Treatment of Administration Building) - The gallery of this entrance opened with filth. The opening of an entrance door would not allow the door completely, another entrance door was prepared open and a rubber screen had been removed. It is recommended that these weaknesses be corrected immediately by treatment as filth are serious sources of infectious pathogens, typhoid, dysentery, etc. Sanitation space is also at a premium here. Unfortunately no location for such additional space could be found that would not disturb the entrance of the building. The management's viewpoint is would be preferable to locate a new refrigeration bus here rather than in the Field Division. Prior prior to the war when the refugee population was much larger, only a few entrances were in existence and these were served by the gallery of the entrance. Presumably a number of buildings will exist after the war and there will be no need for the Field Division to continue its operations. However, additional refrigeration space is urgently needed now, and since the entrances and Field Division are not far apart, this refrigeration space could be located in either one, for food and milk for other camp of persons can be stored readily at either site.

Entrances - The entrance is outside of the gate and entrance prepared has been the principle in entrance are distributed throughout the 1 and entrance had three such as camp, store, equipment, clean water, etc., administration, etc, water, live stream, laundry, etc, coffee and soft drinks.

These entrances are wooden structures roughly four about 20 to 30 feet in length and about 12 feet wide. There are in use they are completely enclosed by

falling shutters. The workers form in about 8 to 12 lines at small windows along the front to be served. The front of the cantones is covered with wire screen about 1/8 inch mesh, which is theft proof but definitely not fly proof. The two cantones imported were literally alive with flies. Hot food is brought from the Field Kitchen to the cantones in large milk cans and transferred into paper receptacles in the cantones. During such transfer the food is exposed to these numerous flies and there have been complaints from workers that there were flies in the food they purchased. This situation presents a marked health hazard. It is therefore recommended that either the doors and windows of the cantones be covered with fly-proof screening or that the transfer of exposed food be done in a fly-proof space. These cantones should also be sprayed daily with an insecticide.

Due to inadequate ventilation of the coffee area the cantones become excessively hot. It is recommended that some type of open cupola be installed in the roof over the coffee area to remove the heat and steam generated by the cans.

During the winter such a cupola could be easily closed off if necessary to keep the cantones warm.

4.3 Water supply, sewerage and waste disposal

The yard has been fitted with minimum requirements. There are the following sanitary facilities:

Water closets	374
Sanitaries (wash sinks)	236
Urinals	230
Shower troughs	111
Handley wash fountain	88
Service sinks	80

4.4 Salt tablets

There are approximately 100 salt tablet dispensers located at various drinking fountains. The dispensers are kept supplied with salt tablets by the Supply Department. During the past year one and a half million salt tablets were dispensed.

- 10 -

11-30 Respiratory Protective Equipment for Diligards

The yard has supplied with Piskum Respirators and has the following respirators:

Wilson H ₂ Gas		450
Wilson W60, Gas		150
American Optical W6000, Gas		200
2000 total fms		100
Wilson W60, total fms		20
Wilson, air line		100 (20 were on order)

There are 1,000 of charcoal respirators and 2,000 charcoal cartridges are used up each month. This respirator is used mostly by spray painters and when it becomes soaked with paint it is discarded.

Approximately 1,000 paper air-supplied masks are used up annually by the paint sprayer. There are available 60 total paint sprayer head cartridges with a connection for the air line. The aperture in the front of the paper head is attached to open flaps on the front of the support. These flaps have perforations through which air flows protecting a curtain of air to keep the paint spray from the painter's face.

11-31 Jobs Respiratory Protective Equipment

The following each job entry in this yard

11.1 Job

Wilson from and back - one confederator. There also has been recently a small amount of ammonia of 10:30. This was not in operation during the survey.

Lead dust from older paint - a small amount of red lead paste is mixed into paint, but no red lead powder is used.

Selection (overlaid pipes) - This is by an outside contractor.

11.2 Total fms and work

Lead and lime oxide for welding and burning - considerable negative and burner of industrial total is 600. Since no ship under construction carries a unit of red lead paint the total from 100 fms is negligible.

- 11 -

Year	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

~~ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED~~

10-10-68, 10-11-68, 10-12-68, 10-13-68, 10-14-68, 10-15-68, 10-16-68, 10-17-68, 10-18-68, 10-19-68, 10-20-68, 10-21-68, 10-22-68, 10-23-68, 10-24-68, 10-25-68, 10-26-68, 10-27-68, 10-28-68, 10-29-68, 10-30-68, 10-31-68, 11-1-68, 11-2-68, 11-3-68, 11-4-68, 11-5-68, 11-6-68, 11-7-68, 11-8-68, 11-9-68, 11-10-68, 11-11-68, 11-12-68, 11-13-68, 11-14-68, 11-15-68, 11-16-68, 11-17-68, 11-18-68, 11-19-68, 11-20-68, 11-21-68, 11-22-68, 11-23-68, 11-24-68, 11-25-68, 11-26-68, 11-27-68, 11-28-68, 11-29-68, 11-30-68, 12-1-68, 12-2-68, 12-3-68, 12-4-68, 12-5-68, 12-6-68, 12-7-68, 12-8-68, 12-9-68, 12-10-68, 12-11-68, 12-12-68, 12-13-68, 12-14-68, 12-15-68, 12-16-68, 12-17-68, 12-18-68, 12-19-68, 12-20-68, 12-21-68, 12-22-68, 12-23-68, 12-24-68, 12-25-68, 12-26-68, 12-27-68, 12-28-68, 12-29-68, 12-30-68, 12-31-68, 1-1-69, 1-2-69, 1-3-69, 1-4-69, 1-5-69, 1-6-69, 1-7-69, 1-8-69, 1-9-69, 1-10-69, 1-11-69, 1-12-69, 1-13-69, 1-14-69, 1-15-69, 1-16-69, 1-17-69, 1-18-69, 1-19-69, 1-20-69, 1-21-69, 1-22-69, 1-23-69, 1-24-69, 1-25-69, 1-26-69, 1-27-69, 1-28-69, 1-29-69, 1-30-69, 1-31-69, 2-1-69, 2-2-69, 2-3-69, 2-4-69, 2-5-69, 2-6-69, 2-7-69, 2-8-69, 2-9-69, 2-10-69, 2-11-69, 2-12-69, 2-13-69, 2-14-69, 2-15-69, 2-16-69, 2-17-69, 2-18-69, 2-19-69, 2-20-69, 2-21-69, 2-22-69, 2-23-69, 2-24-69, 2-25-69, 2-26-69, 2-27-69, 2-28-69, 2-29-69, 2-30-69, 3-1-69, 3-2-69, 3-3-69, 3-4-69, 3-5-69, 3-6-69, 3-7-69, 3-8-69, 3-9-69, 3-10-69, 3-11-69, 3-12-69, 3-13-69, 3-14-69, 3-15-69, 3-16-69, 3-17-69, 3-18-69, 3-19-69, 3-20-69, 3-21-69, 3-22-69, 3-23-69, 3-24-69, 3-25-69, 3-26-69, 3-27-69, 3-28-69, 3-29-69, 3-30-69, 3-31-69, 4-1-69, 4-2-69, 4-3-69, 4-4-69, 4-5-69, 4-6-69, 4-7-69, 4-8-69, 4-9-69, 4-10-69, 4-11-69, 4-12-69, 4-13-69, 4-14-69, 4-15-69, 4-16-69, 4-17-69, 4-18-69, 4-19-69, 4-20-69, 4-21-69, 4-22-69, 4-23-69, 4-24-69, 4-25-69, 4-26-69, 4-27-69, 4-28-69, 4-29-69, 4-30-69, 5-1-69, 5-2-69, 5-3-69, 5-4-69, 5-5-69, 5-6-69, 5-7-69, 5-8-69, 5-9-69, 5-10-69, 5-11-69, 5-12-69, 5-13-69, 5-14-69, 5-15-69, 5-16-69, 5-17-69, 5-18-69, 5-19-69, 5-20-69, 5-21-69, 5-22-69, 5-23-69, 5-24-69, 5-25-69, 5-26-69, 5-27-69, 5-28-69, 5-29-69, 5-30-69, 5-31-69, 6-1-69, 6-2-69, 6-3-69, 6-4-69, 6-5-69, 6-6-69, 6-7-69, 6-8-69, 6-9-69, 6-10-69, 6-11-69, 6-12-69, 6-13-69, 6-14-69, 6-15-69, 6-16-69, 6-17-69, 6-18-69, 6-19-69, 6-20-69, 6-21-69, 6-22-69, 6-23-69, 6-24-69, 6-25-69, 6-26-69, 6-27-69, 6-28-69, 6-29-69, 6-30-69, 7-1-69, 7-2-69, 7-3-69, 7-4-69, 7-5-69, 7-6-69, 7-7-69, 7-8-69, 7-9-69, 7-10-69, 7-11-69, 7-12-69, 7-13-69, 7-14-69, 7-15-69, 7-16-69, 7-17-69, 7-18-69, 7-19-69, 7-20-69, 7-21-69, 7-22-69, 7-23-69, 7-24-69, 7-25-69, 7-26-69, 7-27-69, 7-28-69, 7-29-69, 7-30-69, 7-31-69, 8-1-69, 8-2-69, 8-3-69, 8-4-69, 8-5-69, 8-6-69, 8-7-69, 8-8-69, 8-9-69, 8-10-69, 8-11-69, 8-12-69, 8-13-69, 8-14-69, 8-15-69, 8-16-69, 8-17-69, 8-18-69, 8-19-69, 8-20-69, 8-21-69, 8-22-69, 8-23-69, 8-24-69, 8-25-69, 8-26-69, 8-27-69, 8-28-69, 8-29-69, 8-30-69, 8-31-69, 9-1-69, 9-2-69, 9-3-69, 9-4-69, 9-5-69, 9-6-69, 9-7-69, 9-8-69, 9-9-69, 9-10-69, 9-11-69, 9-12-69, 9-13-69, 9-14-69, 9-15-69, 9-16-69, 9-17-69, 9-18-69, 9-19-69, 9-20-69, 9-21-69, 9-22-69, 9-23-69, 9-24-69, 9-25-69, 9-26-69, 9-27-69, 9-28-69, 9-29-69, 9-30-69, 10-1-69, 10-2-69, 10-3-69, 10-4-69, 10-5-69, 10-6-69, 10-7-69, 10-8-69, 10-9-69, 10-10-69, 10-11-69, 10-12-69, 10-13-69, 10-14-69, 10-15-69, 10-16-69, 10-17-69, 10-18-69, 10-19-69, 10-20-69, 10-21-69, 10-22-69, 10-23-69, 10-24-69, 10-25-69, 10-26-69, 10-27-69, 10-28-69, 10-29-69, 10-30-69, 10-31-69, 11-1-69, 11-2-69, 11-3-69, 11-4-69, 11-5-69, 11-6-69, 11-7-69, 11-8-69, 11-9-69, 11-10-69, 11-11-69, 11-12-69, 11-13-69, 11-14-69, 11-15-69, 11-16-69, 11-17-69, 11-18-69, 11-19-69, 11-20-69, 11-21-69, 11-22-69, 11-23-69, 11-24-69, 11-25-69, 11-26-69, 11-27-69, 11-28-69, 11-29-69, 11-30-69, 12-1-69, 12-2-69, 12-3-69, 12-4-69, 12-5-69, 12-6-69, 12-7-69, 12-8-69, 12-9-69, 12-10-69, 12-11-69, 12-12-69, 12-13-69, 12-14-69, 12-15-69, 12-16-69, 12-17-69, 12-18-69, 12-19-69, 12-20-69, 12-21-69, 12-22-69, 12-23-69, 12-24-69, 12-25-69, 12-26-69, 12-27-69, 12-28-69, 12-29-69, 12-30-69, 12-31

1-2 Description of Project and Objectives

SECRET

SECRET

• some of the most important data on the

SECRET

by hand-pumps and safety inspectors to carried out.

It is pointed out that some workers require assistance to take them

(These are classified each month by the Editor; by network; through no more is

Page 10 of 10

SECRET

• 1950-1951: 1st year of production of 1st series of stamps.

for an all-emptied head. The one just appearing back to well with the

There is a considerable amount of paint applied down in this yard. All

There is no real benefit in this work.

Q - Is your "bullet" not about the war?

— 100 —

the United States. However it is recommended that every effort be made to

REMARKS, MEMORANDUM, INFORMATION FOR THE RECORD, AND OTHER MATTER NOT REQUIRING ACTION

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 08-11-2010 BY 60322 UCBAW

Further action is due to the reports not making the entry point which was

25-3 Shleums

Shleums constitutes quite a problem in this yard. Various protective creams and ointments have been used with some success. Only cold Shleums impregnated cable is used. The Security Commander estimated that about 3 or 4 workers each month sought compensation for this type of disability. Efforts have been made to assign a locker to each man working with Shleums impregnated cable, so that he may change his clothes on the job. The company is at present working on an arrangement whereby each worker will be given two lockers separated by a shower room, so that work and street clothes may be kept separate and a shower taken at the end of his shift. Therapeutically, X-ray treatment has helped some cases.

25-4 Ventilation Standards**Requirements**

100 Buffalo blowers with five 8" outlets			
250 General	:	:	:
50 Supply	:	:	:
50	:	:	two
20 Exhaust	:	:	seven 6" outlets
20 Flow	:	:	one outlet
4 Ball	:	:	
20 Supply blowers			

There are available also two sets of fixed installation ventilation for Wags #10 and #11. Each set has two 60 HP fans, one starboard aft and the other port forward, with a duct system running halfway on each side of the way. There are a total of 200 three inch outlets, 100 on each side of the ship, for each of these two ways. This system was particularly adaptable for the construction of destroyers and it is anticipated that it can be used for the cruisers. The Ventilation Supervisor stated that each three inch outlet was capable of drawing from 200 to 300 cu.ft. per minute when the system was in operation. The yard has 7,000 feet of 6" and 77,000 feet of 3" flexible total amount tubing.

Considerable welding is done in the Pipe Shop and the Sheet Metal Shop on galvanized material. Both of these shops have an excellent fume installation ventilation system with numerous 8" exhaust outlets to which an exhaust tube may be connected. The great majority of this welding is done in booths arranged off from the rest of the shop. All equipment is repaired in the Temporary Ventilation Shop.

Personnel

The ventilation crew consists of:

Day shifts 3 headmen
 9 ventilation men (called headmen)
 1 ventilation
 1 " helper
 1 sheet metal worker
 1 " helper

Breathing devices

1. ventilation

There are no ventilation measures on the night shift.

Standard ventilation plans are used for each type of ship so that the temporary ventilation may keep pace with the needs of workers during ship overhauls. Each ventilation measure is recommended for an average of two shifts.

When a worker requires ventilation, he notifies his supervisor, who in turn notifies the ventilation officer and they contact the ventilation man for that area.

In the two ships imported there was an abundant amount of ventilation equipment and no worker in a confined compartment or moldy substandard steel was found working without exhaust ventilation. The yard is recommended for the installation of its ventilation measures.

2. Air intake

The welding booths have an exhaust outlet in the top of the booth, but there is no system of local exhaust ventilation. The yard feels that since only women

- 10 -

Some time ago the New Jersey State Division of Industrial Relations proposed doing a short X-ray survey of the pulp markets. It was estimated that each mill or mill group would have to pay for the X-ray. "Remember, the X-ray cost the firm! The firm would be contributing both to the project and

Price with shipping & handling \$10.95.

OFFICE OF THE ATTORNEY GENERAL

0201

REVIEW OF RECOMMENDATIONS

1. That the necessary be equipped with fly-proof screens. (7-2)
2. That the pre-employment physical examinations be conducted by a physician. (7-4.1)
3. That periodic chest examinations be done on men in occupations hazardous to themselves or others. (7-4.2)
4. That the canteens, cafeterias and Field Kitchens be equipped with fly screens. (7-6)
5. That additional refrigeration space be installed either in the canteens or Field Kitchens. (7-6)
6. That ventilation be installed over the coffee urns in the canteens. (7-6)
7. That operators of cold or alkali pickling and cleaning tanks be made to wear elastic face shields, or at least goggles, and rubber gloves and aprons.
8. That greater efforts be made to have workers exposed to fumes from welding or molten metal, wear anti-flash safety goggles. (7-12.2)
9. That welder headgear and safety inspectors supervise and enforce the use of local exhaust ventilation or of proper face respirators.
10. That either the outside extractor or the yard (retail) exhaust ventilation on the land now used for outdoor the asbestos pipe covering. (7-12.7)
11. That the proposed tuberculosis chest X-ray survey be carried out.

CORRECTION

The preceding document(s) has been refilmed
to assure legibility and its image appears
immediately hereafter.

Bill Webster @ 11-78

2. That the necessary be covered with fly-proof screens. (1-2)
3. That the present-day-out electrical examinations be conducted by a physician. (1-3.1)
4. That periodic check examinations be done on - on in occupations hazardous to themselves or others. (1-3.2)
5. That the entrance, exitways and food storage be equipped with fly screens. (1-4)
6. That additional refrigeration space be installed either in the exitways or food storage. (1-5)
7. That ventilation be installed over the coffee area in the entrance. (1-6)
8. That operations of cold or alkali storage and cleaning tanks be made to meet standards for chemical, or at least - - - , and rather close and agree. (1-7)
9. That greater efforts be made to have workers exposed to flying particles or molten areas, wear anti-fly clothing - - - . (1-8.2)
10. That under conditions and safety inspection services authorized in - - - were clearly to enforce the use of local exhaust ventilation or of other fly - - - . (1-9)
11. That either the outside contractor or the yard (total) exhaust ventilation on the back end used for entering the exhaust pipe covering. (1-10.7)
12. That the required information be about every survey be carried out. (1-11)