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Description of contents

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GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
31 Dec 46

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section  
for the Period 23-27 Dec 1946

1. Conferences:

a. Mr. Angell met representatives of Omi Textile Co., Ltd. regarding power for plant operations. At this conference it was determined that a request for power would have to be sent by the Textile Co. to the governor of Shiga Prefecture. Approval of the request will be granted, subject to final approval of the PSD. The following day a conference with fire department chiefs was held regarding the fire at Palace Heights and the fire at the GHQ Supply Warehouse. At a ceremony at the Mainichi Press, Mr. Angell participated in the awarding of prizes to winners of the poster contest for Tokyo school children. On December 27, a conference with representatives of the Montaito Co. was held for a discussion of different type of non-combustible building materials used in Japan. At the meeting, it was decided to prepare a number of panels to be tested for fire resistive qualities. Mr. Buck also attended this conference. A meeting of the garage repairers of the Suganami district was attended to work out plans for improved assistance to the fire department in the repairing of fire apparatus.

DEFENSE ~~Prevention~~ b. Mr. Buck reviewed plans for the establishment of a National Fire Prevention Board with Home Ministry officials. A conference later in the week with Home Ministry representatives was attended regarding questions surrounding the future organizational plan of the Tokyo fire department.

c. Mr. Raeder spoke to a meeting of 160 people who attended the opening meeting of the Shiba Ward Fire Protection and Prevention Association.

2. Inspections:

a. Mr. Raeder inspected the Central Aeronautics Research Institute at Kitatama-gun.

b. Mr. Buck and Mr. Telford visited the Sakai filtration plant and inspected water system facilities in connection with study of Tokyo water system.

3. Miscellaneous:

a. Mr. Angell and Mr. Buck observed fire fighting methods used at Palace Heights fire.

b. Mr. Buck completed his report of the Tone conflagration and submitted information on earthquake factors in building construction and licensing

law for architects. Work on building code study and report continued. Mr. Buck and Mr. Telford continued study of Tokyo water system.

c. Mr. Raeder completed the revised report on Phase 1. of fire set-up.

d. Mr. McKibbin continued his study and preparation of a training program for Tokyo fire department.

e. Mr. Telford worked with Mr. Buck on water system study and completed charts of fire alarm system.

f. Mr. Starr continued with orientation procedures.

g. Major Hildebrand is still confined to 49th General Hospital.

*George W. Angell*  
GEO. W. ANGELL  
Acting Chief Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
26 December 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section  
for the Period 16-20 December 1946

1. Conferences:

a. Mr. Angell, Mr. Raeder and Mr. Starr attended a fire prevention conference at the Edogawa Main Fire Station. Attending the meeting were 6 fire chiefs and 30 fire department officials.

2. Inspections:

✓ a. Mr. Raeder inspected buildings at the Japanese Naval Technical Research Institute for possible use as site for National Fire Defense Board.

b. Mr. Angell and Mr. Buck investigated large fire at Omiya, Saitama Prefecture.

3. Miscellaneous:

a. Mr. Angell discussed general program with Chief Shigeno, Tokyo Fire Department, for reducing number of forms, reports, etc. used by the department.

b. Mr. Angell investigated further the use of Naval Research Building as a site for the proposed National Fire Defense Board. A meeting with the Engineer Officer, GHQ, was attended for the purpose of determining the advisability of installing a sprinkler system in the U.S. Kindergarten School, Tokyo. A fire protection plan for the Tokyo Ordnance Depot was discussed with the commanding officer of the depot.

c. Mr. Buck worked on reports of the Aomori and Tone fires, and completed the Yokohama report. Work proceeded on the fire department personnel report for Osaka, Kobe and Nagoya. The report was completed on fire department equipment, personnel, water and fire alarm system of Kobe, Osaka, Nagoya, and Kyoto. A report on a fire at Tone-Baraku, Fukui Prefecture, was started. Mr. Buck also began study of the Tokyo water system.

d. Mr. McKibbin continued his investigation and study of a training program for the Tokyo fire department.

e. Mr. Raeder resumed revision of Phase I report, worked on report of fire department fire apparatus and completed report on grading system for Tokyo fire department.

f. Major Hildebrand attended conferences with Mr. Angell and collected data for inclusion in various reports under preparation.

g. Mr. Telford assisted Tokyo fire department committee studying revision of their forms, reports, etc., and assisted Mr. Buck in study of Tokyo water system.

h. Mr. Starr continued with orientation.

i. Mr. Angell attended prescribed orientation course at GHQ, SCAP.

*George W. Angell*

GEORGE W. ANGELL

Acting Chief Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APC 500  
16 December 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section  
for the Period 9-13 December 1946

1. Conferences:

None.

2. Inspections:

Messrs. Angell and Buck inspected plant and facilities of Nippon Zoki Co, pumper manufacturers at Kanuma.

Major Hildebrand inspected abandoned buildings of Japanese Training School located in Saitama Prefecture which have now been purchased by the Okada Extinguisher Co. and will be moved to Tokyo and erected to increase present production of extinguishers from 500 to 2500 per month and inspected the Fire Department at Maebashi, Gumma Prefecture.

3. Miscellaneous:

~~DEFENSE BOARD.~~ Mr. Angell discussed the organization of the National Fire Protection Association; the adoption of the tri-angulation method of locating fires with Chief Shigeno, MFD; fire prevention with Chief, Kobe Fire Department; pump design with Chief, Mechanical Section, MFD; recent large fires and repairs needed for US manufactured equipment with secretary and engineer, Home Ministry and program for Firemen's Day (1/15) with Chief Shigeno, MFD.

Mr. Angell gave a fire prevention address to 120 firemen at Yokohama.

Mr. Buck completed a report on city planning; Kobe, Osaka, Kyoto and Nagoya FD's and made recommendations relative to fire protection plan for 2nd Major Port, Yokohama.

Mr. McKibbin worked on Japanese Fire Department Training Program and Regulations.

Mr. Raeder worked on program for apparatus for Tokyo Fire Department and grading Tokyo Fire Department re cooperation with Police Department

Mr. Raeder worked on the Tokyo Fire Department Reports and Records System. Mr. Starr continued his orientation.

*George W. Angell*  
GEORGE W. ANGELL  
Acting Chief Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
9 December 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Progress Report of the Fire Section  
for the period 2-6 December 1946

1. Conferences:

Mr. Angell conferred with Mr. Karo, Chief, Public Safety Section, Home Ministry and two associates; Mr. Okawa, Metropolitan Fire Department and staff of Fire Section relative to organization of Japanese Fire Departments and the National Fire Defense Board. Final decision will await announcement of views of SCAP. He conferred with Mr. Tamura, Chief, General Affairs Section, Metropolitan Fire Department, who has just been appointed, on current matters and with Mr. Shigeno, Chief, Fire Prevention Section, Metropolitan Fire Department, regarding specified training of Japanese firemen.

2. Inspections:

Mr. Angell inspected the scenes of two large fires in Saitama Prefecture and a chimney fire in a dependant's housing project in Azabu Ward.

Mr. Raeder inspected Shiba Main Station, Tokyo, during the course of his study of the new equipment program for the Tokyo Fire Department.

Mr. Buck inspected 2nd Major Port, Yokohama.

3. Miscellaneous:

Mr. Angell discussed insurance rates and improvement in public fire departments with Mr. Morita, President, Japanese No-Life Insurance Association and two colleagues; arranged to address FD officials and civic leaders at Yokohama on 13 December and discussed Fire Prevention Inspection Service with Mr. K. Itohi, for Fire and Marine Insurance Co., Ltd.

Major Hildebrand investigated an expansion program of the Okada Extinguisher Co., Tokyo. Efforts are being made to secure additional buildings and an increase in allotment of copper sheets to increase production of 2½ gal. extinguishers from 500 to 2500 per month. He is studying and making appropriate photographs showing the hazards of exposing modern permanent buildings in the high value districts by the construction of adjacent frame buildings. The results of this study will be used in urging the early adoption of a suitable building code.

Mr. Buck completed his report of inspections in Fukui, Osaka and Kobe.

Mr. McKibbin completed tentative training regulations for Japanese firemen.

Mr. Raeder completed a report on the Tokyo Water System, a report of inspection, northern Japan and studied a new equipment program for the Tokyo Metropolitan Fire Department.

Mr. Telford continued his study of the Tokyo Fire Department Communications System and initiated an investigation of the Record and Reporting System.

Mr. Starr continued his orientation.

*George W. Angell*

GEORGE W. ANGELL  
Acting Chief Fire Administrator



GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
25 November 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section for  
the Period 18-23 November 1946.

1. Conferences:

Mr. Angell conferred with 40 representatives of the Japanese Press at Radio Tokyo relative to the results of the Fire Prevention Campaign; with Representatives of the Ohmi Textile Co., Ltd. at Headquarters regarding priority for electrical power to operate plant (the only fire hose manufacturer in Japan); with Mr. Tsuyuaki of the Nippon Zuki Kubushiki Co. to arrange pumper tests at their plant on 22 November 1946; with Messrs. Kato, Chief, Public Safety Section, Home Ministry and Shigeno, MPB regarding use of Research Laboratory of the proposed National Fire Defense Board as Headquarters for Metropolitan Tokyo Fire Department when the Fire Department is separated from the Police Department.

2. Inspections:

Mr. Raeder returned from inspections of Fire Departments in Northern Japan on 20 November 1946.

Mr. Buck left for inspections at Fukui, Kobe, and Osaka on, 18 November 1946.

Mr. Angell inspected Aeronautical Research Laboratory for possible use by National Fire Defense Board.

3. Miscellaneous:

Mr. Angell gave the following Fire Prevention Addresses:

At Toshima Main Fire Station to 15 Educators and 7 FD officials and following to 400 residents of the Ward.

At Shiba Main Station to 40 business men and 25 members of the FD.

At Yodobashi Main Fire Station to 150 residents of Yodobashi and Suginami Wards.

Mr. McKibbin addressed 40 members of the Hongo Fire Protective Association.

Mr. McKibbin completed and submitted Phase I and II Reports.

Mr. Angell and staff ran tests on recently produced fire hose at Metropolitan Fire Station which was well above the minimum specifications in tensile strength and leakage which indicates great improvement in quality. They also tested pumpers made by the Nippon Zuki Kubushiki Co. at Ishikawa.

Mr. Telford continued his study of the Tokyo Fire Alarm System.

*George W. Angell*

GEORGE W. ANGELL  
Acting Chief Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
25 November 1946

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GEORGE W. ANGELL  
Acting Chief Fire Administrator

GENERAL HEADQUARTERS  
 SUPREME COMMANDER FOR THE ALLIED POWERS  
 Civil Intelligence Section, G-2  
 PUBLIC SAFETY DIVISION

APO 500  
 18 Nov. 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section  
 for the period 11-15 November 1946.

1. Conferences:

Mr. Angell conferred with Chief Kameyama, FP Section, Osaka FD; Messers Masaharu Hirai and Koreichiro Ogata of Osaka; Chief Shigeno and Mr. Okawa, MFB on Fire Prevention; with Japanese manufacturers meeting in Shinagawa Ward on production problems in the fire extinguisher industry; with Chief Tanagawa, Tokyo Police Department on the organization of a national Fire Defense Council.

Mr. Buck conferred with Viscount T. Watanabe, Minister of Finance and Insurance Section, Finance Division, SCAP on budget for National Fire Defense Board.

2. Inspections:

Mr. Buck inspected Sumitagawa Tank Farm for S-4, Hq and Service )  
 Group, GHQ.

Mr. Raeder left Hq. 12 November for inspections of FD's in northern Japan.

3. Miscellaneous:

Major Hildebrand made an investigation and prepared a report on the Tokyo Telephone System.

Mr. Buck worked on Buildings, Zoning and Electrical code on organization and budget of the National Fire Defense Board.

Mr. Telford continued his study of the Tokyo FD Communications system and completed tests in locating fires by intersection at night.

Mr. McKibbin worked on Phase I and II reports.

Mr. Raeder spent the week on FD inspections in northern Japan.

Major Hildebrand succeeded in getting military government orders rescinded which will now permit the use of fire barrels and small reservoirs by Japanese property owners. He investigated the Tokyo telephone system and prepared a report.

Mr. Angell succeeded in getting 105 tons of raw rubber allocated for FD tires, tubes and suction hose. Of this allocation 89 tons of tires and tubes were made available for immediate shipment on requisitions by the Home Ministry. The urgently needed suction hose will be manufactured just as soon as the wire can be secured. An investigation is being conducted now to locate the wire.

4.

Comments:

The early establishment of a National Fire Defense Board which would operate somewhat like a modified form of the National Board of Fire Underwriters in the U. S. appears desirable. It is believed that a governmental agency under the Home Minister would be preferable to a Board composed of representatives of the insurance companies who might form cartels which could exclude free enterprise.

This board would grade cities according to the fire hazards and previous experience employing a yardstick which would take into consideration efficiency of fire departments, water supply, alarm systems, climatic conditions and all other factors in promulgating rates. Heretofore, insurance companies have based rates solely on experience without taking into account the other important factors.

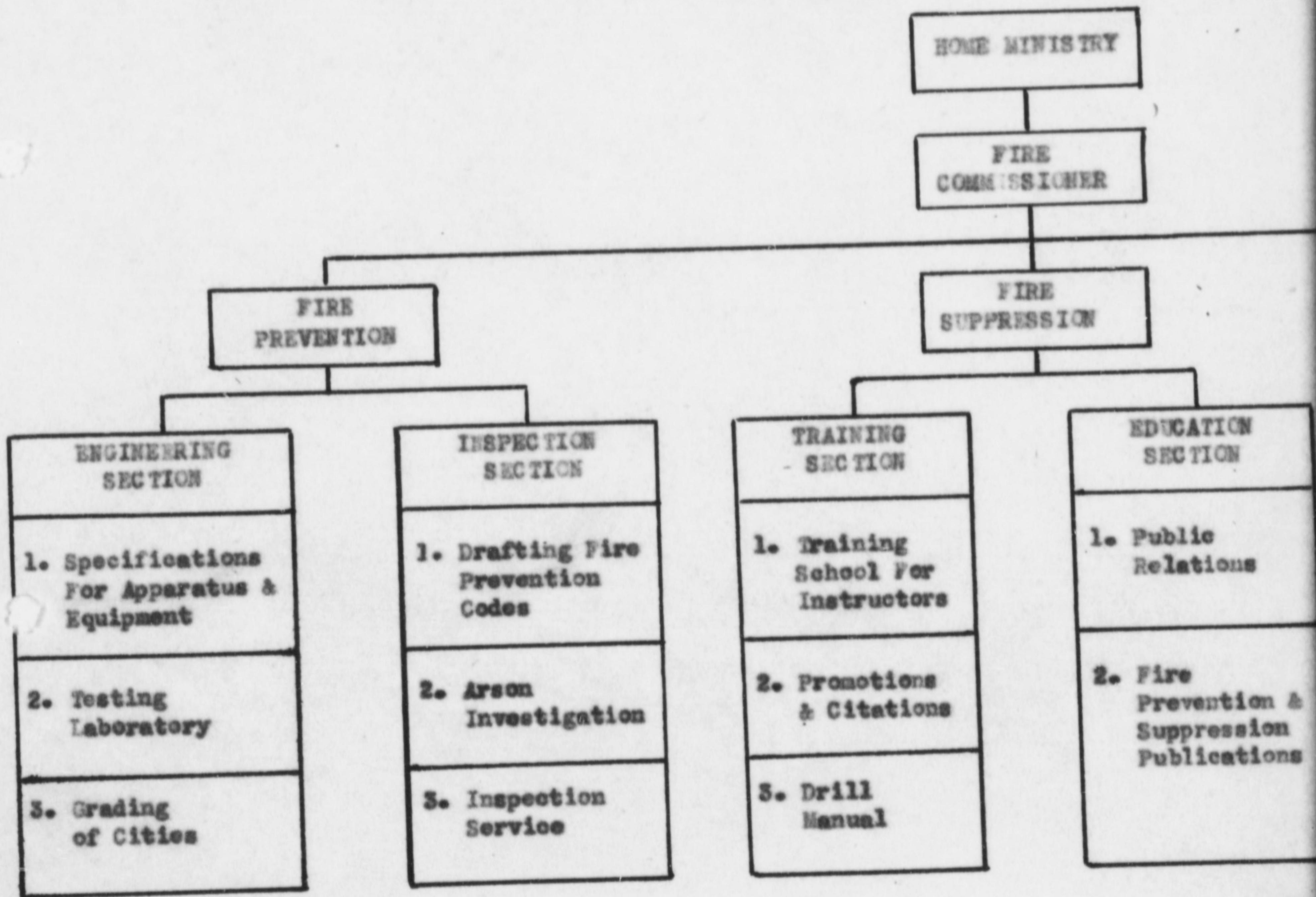
Both the insurance section, finance division, GHQ and the insurance section, Finance Ministry, concur.

*George W. Angell*

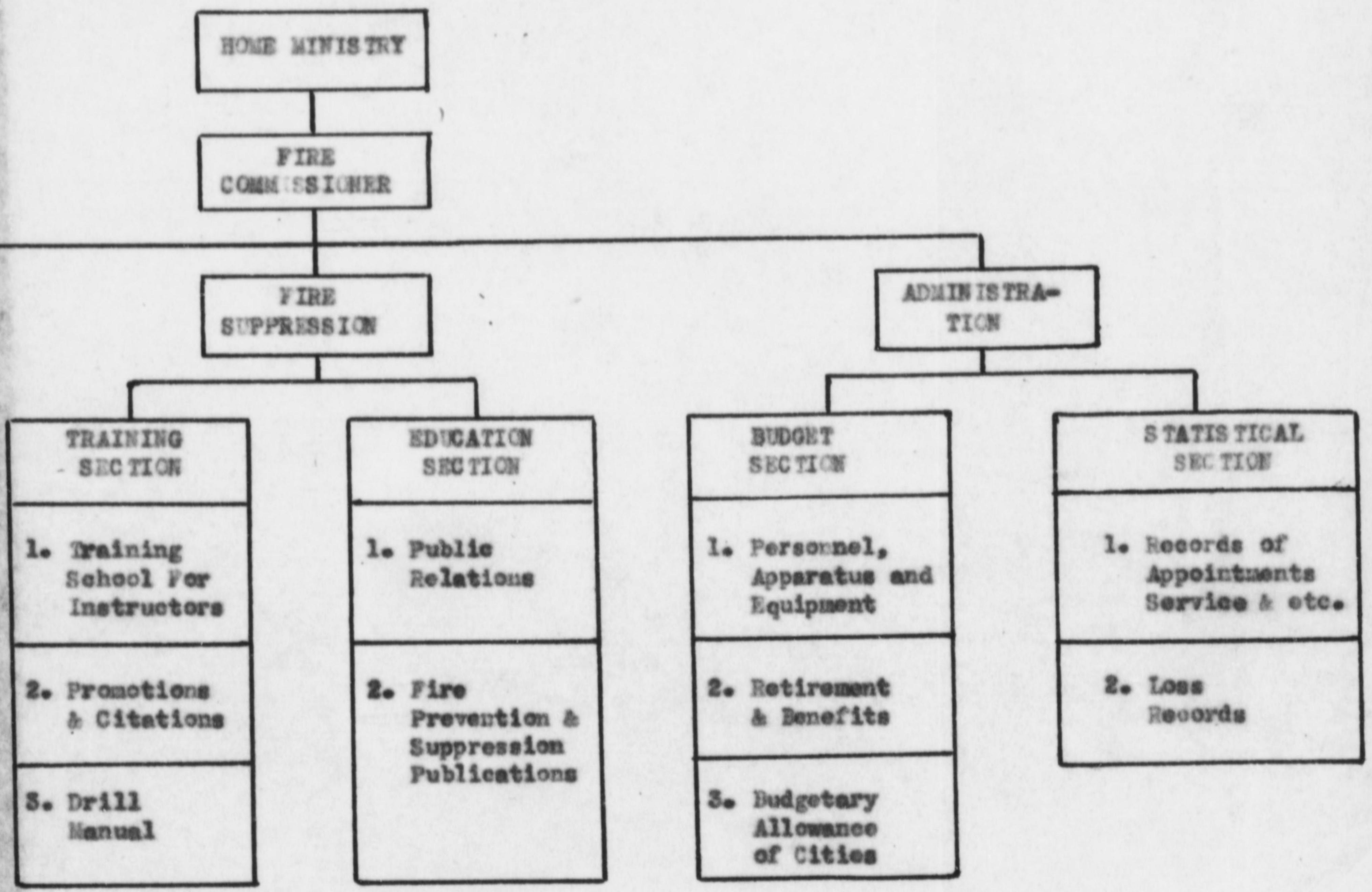
GEORGE W. ANGELL  
Acting Chief Fire Administrator

Inc. Proposed organizational chart  
for National Fire Defense Board.

FOR CITIES OVER 25,000 POPULATION  
PROPOSED ORGANIZATIONAL CHART FOR NATIONAL FIRE DEPT  
(For Immediate Use)



FOR CITIES OVER 25,000 POPULATION  
ORGANIZATIONAL CHART FOR "NATIONAL FIRE DEFENSE BOARD"  
(For Immediate Use)





GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
18 Nov. 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section  
for the period 11-15 November 1946.

1. Conferences:

Mr. Angell conferred with Chief Kameyama, FP Section, Osaka FD; Messers Masaharu Hirai and Koreichiro Ogata of Osaka; Chief Shigneno and Mr. Okawa, MFB on Fire Prevention; with Japanese manufacturers meeting in Shinagawa Ward on production problems in the fire extinguisher industry; with Chief Tanagawa, Tokyo Police Department on the organization of a national Fire Defense Council.

Mr. Buck conferred with Viscount T. Watanabe, Minister of Finance and Insurance Section, Finance Division, SCAP on budget for National Fire Defense Board.

2. Inspections:

Mr. Buck inspected Sumitagawa Tank Farm for S-4, Hq and Service Group, GHQ.

Mr. Raeder left Hq. 12 November for inspections of FD's in northern Japan.

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**Comments:**

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This board would grade cities according to the fire hazards and previous experience employing a yardstick which would take into consideration efficiency of fire departments, water supply, alarm systems, climatic conditions and all other factors in promulgating rates. Heretofore, insurance companies have based rates solely on experience without taking into account the other important factors.

Both the insurance section, finance division, GHQ and the insurance section, Finance Ministry, concur.

GEORGE W. ANGELL  
Acting Chief Fire Administrator

Inc. Proposed organizational chart  
for National Fire Defense Board.

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
18 Nov. 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section  
for the period 11-15 November 1946.

1. Conferences:

Mr. Angell conferred with Chief Kameyama, FF Section, Osaka FD; Messers Masaharu Hirai and Koreichiro Ogata of Osaka; Chief Shigneno and Mr. Okawa, MFB on Fire Prevention; with Japanese manufacturers meeting in Shinagawa Ward on production problems in the fire extinguisher industry; with Chief Tanagawa, Tokyo Police Department on the organization of a national Fire Defense Council.

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GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
18 Nov. 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of the Fire Section  
for the period 11-15 November 1946.

1. Conferences:

Mr. Angell conferred with Chief Kameyama, FP Section, Osaka FD; Messers Masaharu Hirai and Koreichiro Ogata of Osaka; Chief Shigneno and Mr. Okawa, MFB on Fire Prevention; with Japanese manufacturers meeting in Shinagawa Ward on production problems in the fire extinguisher industry; with Chief Tanagawa, Tokyo Police Department on the organization of a national Fire Defense Council.

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This board would grade cities according to the fire hazards and previous experience employing a yardstick which would take into consideration efficiency of fire departments, water supply, alarm systems, climatic conditions and all other factors in promulgating rates. Heretofore, insurance companies have based rates solely on experience without taking into account the other important factors.

Both the insurance section, finance division, GHQ and the insurance section, Finance Ministry, concur.

GEORGE W. ANGELL  
Acting Chief Fire Administrator

Inc. Proposed organizational chart  
for National Fire Defense Board.

FOR CITIES OVER 25,000 POPULATION  
PROPOSED ORGANIZATIONAL CHART FOR 'NATIONAL FIRE DEFENSE  
(For Immediate Use)

HOME MINISTRY

FIRE  
COMMISSIONER

FIRE  
SUPPRESSION

FIRE  
PREVENTION

ENGINEERING  
SECTION

- 1. Specifications For Apparatus & Equipment
- 2. Testing Laboratory
- 3. Grading of Cities

INSPECTION  
SECTION

- 1. Drafting Fire Prevention Codes
- 2. Arson Investigation
- 3. Inspection Service

TRAINING  
SECTION

- 1. Training School For Instructors
- 2. Promotions & Citations
- 3. Drill Manual

EDUCATION  
SECTION

- 1. Public Relations
- 2. Fire Prevention & Suppression Publications

FOR CITIES OVER 25,000 POPULATION  
ORGANIZATIONAL CHART FOR 'NATIONAL FIRE DEFENSE BOARD'  
(For Immediate Use)

HOME MINISTRY

FIRE  
COMMISSIONER

FIRE  
SUPPRESSION

ADMINISTRA-  
TION

TRAINING  
SECTION

EDUCATION  
SECTION

BUDGET  
SECTION

STATISTICAL  
SECTION

1. Training  
School For  
Instructors

1. Public  
Relations

1. Personnel,  
Apparatus and  
Equipment

1. Records of  
Appointments  
Service & etc.

2. Promotions  
& Citations

2. Fire  
Prevention &  
Suppression  
Publications

2. Retirement  
& Benefits

2. Loss  
Records

3. Drill  
Manual

3. Budgetary  
Allowance  
of Cities

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
12 November 1946

MEMORANDUM FOR: Chief Public Safety Division

SUBJECT : Progress Report of the Fire Section, for the Period 4-8  
November 1946

1. Conferences:

Mr. Angell conferred with Commissioner Fugita, Metropolitan Fire Department Relative to the organization of a National Fire Protective Association and with Major Greer and Mr. Malyan, M'fgs. Branch, ESS and Mr. Mikuriya, Engr., Public Safety Section, Home Ministry Relative to the allocation of 105 tons of crude rubber for the manufacture of tires, tubes, and suction hose for fire departments.

2. Inspections:

Mr. Buck inspected the Fire Departments at Yokohama Port.

3. Miscellaneous:

Mr. Buck studied a Fire Hazard Ordinance, and a Gas and Inflammable Liquid Code for the Ministry of Industry and Commerce; Fire Defense Board for Home Ministry and continued his work on the Building Zoning and Electrical Code.

Messrs. McKibbin and Raeder worked on a Grading Schedule and Organization Chart for the Tokyo Fire Department.

Mr. Telford completed daytime Triangulation tests in locating fires. Mr. Angell addressed the officers and Department heads of the Yoshuda Marine and Fire Insurance Co., and ~~Yodobashi~~ <sup>Yodobashi</sup> Fire Protective Associations.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator



GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
4 November 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Progress Report of Fire Section, for the  
Period 28 October - 2 November, 1946.

1. Conferences:

Mr. Angell conferred with 80 members of the Japanese Fire Equipment Manufacturers Association at Kojunsha Building, Tokyo and the Pumper Manufacturers and Representatives of the Commerce and Industry Ministry at Hachioji relative to production problems and standardization of specifications.

2. Inspections:

Mr. Angell inspected the Nihon Pumper Plant and 10 475 GPM pumpers just completed on order of 8th Army, and the Nihon Paper Co.

Messrs McKibbin and Raeder inspected the repair shops and Training School of the MFD.

Messrs McKibbin and Raeder inspected the Tokyo Waterfront.

3. Miscellaneous:

Mr. Telford continued his study of the Tokyo Fire Department Communications System and arranged for a test in locating fires by intersection similar to that used by the U. S. Forest Service.

Major Hildebrand investigated a 2,500,000 fire at Uraga, Kanagawa Prefecture.

- 2 -

Messrs Buck, Raeder and McKibbin continued their study of the Grading and Rating schedule for the Tokyo Fire Department; Building, Zoning and Electrical Code and Regulations for handling inflammables, chemicals and gasses.

Mr. Angell met with the officials of the Yodobashi Ward Fire Protection Association and addressed 140 at the initial organization meeting of the Takinogawa Ward Fire Protection Association.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
28 October 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of Fire Section  
For the Period 21 - 27 October 1946

1. Conferences: Mr. Angell conferred at Radio Tokyo with 40 representatives of the Japanese Press and with 12 representatives at Koishakawa relative to Fire Prevention Week activities.

2. Inspections: None

3. Miscellaneous: Mr. Angell gave Fire Prevention addresses to:

10,000 at Shirokya Department Store  
125 at Kanda Ward F.P. Association  
75 at Fukagawa Main Station  
75 at Hongo Ward F.P. Association  
60 at Koishakawa Main Fire Station  
100 at Nerima Main Station  
125 at Nihonbashi Ward F.P. Association  
46 at Yodobashi Ward F.P. Association  
80 at Ebara Ward F.P. Association  
75 at Nakano Ward F.P. Association  
2,500 at Hibiya Hall  
250 at Neighborhood Group Central Fire Boat Station  
20 at Block Leaders Central Fire Boat Station  
5,000 at Suganami Girls' School  
2,000 at Factory Workers  
2,000 at Koshikawa Ward F.P. Association

Mr. Buck addressed 75 Businessmen and F.D. officials at Kyobashi Fire Station; 350 students and members of the faculty at the Azabu Middle School and 125 members of the Musashino Ward F.P. Association. He also worked on F.P. Radio Shorts and continued his study of the Building Code.

Mr. Telford spoke to 850 students and members of the faculty of the Suganami Girls' School and continued his study of the Tokyo F.D. Communication System.

Mr. Raeder spoke to the Tanakawa Ward F.P. Association and Jointly with Mr. McKibben worked on the Grading Schedule for the Tokyo Fire Department.

4. Comments: The week was a very active one. The 23,666 people, who evidenced keen interest at 20 Fire Prevention Meetings, far exceeded anything we had dared to hope for. The thought and effort which they put into organizing Fire Prevention displays, parades and practical planning to reduce the number of fires should be effective.

*George W. Angell*

GEORGE W. ANGELL  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
21 October 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of Fire Section  
For the Period 14 - 18 October 1946

1. Conferences: Mr. Angell conferred with the MFD Fire Prevention Committee completing plans for F.P. Week.

2. Inspections: None.

3. Miscellaneous: Mr. Angell gave Fire Prevention talks to the following F.P. Associations: Suganami, Akasuka, Toshimi and Itogashi which were heard by 750 members and MFD officials. Mr. Raeder addressed 150 at the Shibiya Ward.

Mr. McKibbin continues his study of the Re-allocation of Tokyo fire stations and the Re-allocation of personnel and equipment.

Mr. Buck has completed a report of his study on the proposed organization of the Home Ministry Fire Section; worked on F.P. Radio shorts for C.I. & E. and continued his study of Japanese Building, Zoning and Electrical Codes.

Mr. Raeder has worked on Rating Schedule for Tokyo Fire Department and Phase I Report.

Mr. Telford has continued his study of the Tokyo F.D. Communication System.

4. Comments: The large gathering at the Ward F.P. Association meetings, which in most cases was limited only by the capacity of the auditoriums, and the excellent coverage by the press should reduce the present high fire loss.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
14 October 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of Fire Section  
For the Period of 7 - 11 Oct 1946.

1. Conferences: None

2. Inspections: Mr. Buck and Major Hildebrand inspected the 4025 Photo Lab located in the Shufumotomo Building.

Mr. Angell inspected the GHQ Dry Cleaning Plant with Capt. Hall, Tokyo Fire Marshal.

3. Miscellaneous: Mr. Angell gave addresses on Fire Prevention to 60 members of the Woman's Auxilliary Fire Protection Association and 15 Fire Department officials at Koishikawa Ward on 7 October; to a similar group consisting of 45 members and Fire Department officials at Tochima Ward on 10 October, and to 60 members of the Meguro Ward Association on Sunday, 13 October 1946.

Mr. Buck continues his study of the Building, Zoning and Electrical Codes, the organization of the Fire Section of the Home Ministry and a rating schedule for the Tokyo Fire Department.

Mr. Telford is working on the communications system of the Tokyo Fire Department. A study has been made of a technique for locating fires observed from watch towers by taking bearings at two or more towers and plotting the fire at headquarters by intersection. M-1 smoke bombs have been secured from the Chemical Warfare Officer, 8th Army, to run tests on time and accuracy.

Mr. Raeder is completing Phase I Report.

Mr. McKibbin is continuing his study of the redistricting of Tokyo fire stations and the reallocation of personnel and apparatus.

BASIC SUBJ: Progress Report of Fire Section - Page 2

4. Comments: The keen interest evidenced by the business and civic leaders and City officials in the Fire Prevention Program is very encouraging.

The insurance companies continue to form closer contacts with the Fire Department and are cooperating fully to reduce the present large fire losses.

By securing fittings and gauges from the 8th Army Engineer Officer and the Naval Base, the MFD are completing 12 Pitot tubes so that investigators of this Section will be able to test the hydraulic efficiency of pumpers.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
7 Oct. 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of Fire Section  
for the Period 30 Sept. - 4 Oct.  
1946

1. Conferences: Mr. Angell conferred with Capt. W. R. Hall, Fire Marshal, regarding protection of G.H.Q. Buildings; with Mr. Shigneno, Chief, Fire Prevention Section, M.F.D., on Fire Prevention Program and delivered an address, "Fire Prevention and Suppression", at the initial organizational meeting of Oji Fire Co-operative Association.

Mr. Buck gave a talk on Fire Prevention in Schools, Programs and Drills to 28 school and college heads and 14 F.D. officials at the Suganami Fire Station.

2. Miscellaneous: Major Hildebrand continued a study of National fire losses; Mr. Buck worked on Building, Zoning and Electrical Codes; Mr. McKibbin, the redistribution of Tokyo F.D. Stations and the reallocation of personnel and equipment; and Mr. Telford completed the report on Tokyo F.D. Communications System. Mr. Raeder worked on Phase I Report.

3. Comments: It is interesting to note that the Public Safety Section, Home Ministry, directed each Prefectural Governor to carry out a Fire Prevention Week Program; requested sufficient funds for the program from the Finance Ministry and drew up a tentative Fire Prevention Section and budget to cover operating expenses.

The Home Ministry emphasized the importance of reducing the increasing fire losses and outlined plans for carrying out the program in their directive to the Prefectural Governors. An annual budget of 956,300 ¥ was requested to cover the operating expenses of the new F.P. Section.

This action on the part of the Home Ministry is very encouraging since it is their first steps in this direction which clearly indicates progress.

*G. W. Angell*  
G. W. ANGELL  
Fire Administrator.



GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
30 Sept. 1946

MEMORANDUM FOR: Chief, Public Safety  
Division

SUBJECT : Progress report of Fire  
Section for the Period  
21 - 26, Sept. 1946

1. Conferences: Mr. Angell and Major Hildebrand attended a conference at the M.P.B., Tokyo where Mr. Angell delivered an address to 140 PD officials and Chief of Fire Prevention.

Messrs Angell and Buck and Major Hildebrand conferred with Mr. Powell, Civilian Transportation Section, SCAP, reproduction of Japanese Automotive fire equipment and allocation and utilization of surplus U.S. Army equipment by Japanese fire departments. A report will shortly be submitted through Chief, Public Safety Section setting out needs of Japanese fire departments and indicating what surplus U.S. Army equipment could be adapted.

Mr. Buck and Major Hildebrand discussed with Col. Buck, Ex. O., Base Ord. Depot, Yokohama specifications and quantities of surplus U.S. Army Automotive equipment.

2. Inspections: Mr. Angell discussed inspection and protection of GHQ buildings with Lt. Frazee, CE, Commanding Officer, U.S. Army F.F. Platoon.

Mr. Buck and Mr. Angell inspected the GHQ Radio Transmitter at request of Lt. Frazee. Mr. Buck investigated a fire at the Hypothetic Bank.

3. Miscellaneous: All members of this section attended the orientation classes.

Mr. Raeder continued his study of the personnel estimates of Japanese fire departments and Phase I report.

Mr. McKibben worked on the redistricting of Tokyo fire stations and the allocation of equipment.

Mr. Telford studied the communication system of Japanese fire departments.

Mr. Buck continued his study of the grading of Japanese cities for fire protection.

4. Comments: The staff of the Fire Section have recently been instructing classes consisting of 50 to 100 Japanese firemen and officials in fire prevention inspections. The insurance companies requested that their inspection service technicians be permitted to attend these classes and they have done so.

Prior to 1st August 1946 the insurance companies of Japan have had no contracts with public fire departments, nor have they taken the relative efficiency of fire departments into consideration in promulgating rates. It is gratifying to note increasing interest which has been evidenced by a 300,000 ¥ donation to the fund for the operation of Fire Prevention week.

The Fire Section was pleased to see a copy of a letter from Capt. Hall, Tokyo Fire Marshal to the Chief, Fire Prevention Section, M.P.B. commending them for their effective work on fire prevention inspections and emphasizing the value of the intense public interest in fire prevention work which he had noted.

*G. W. Angell*  
G. W. ANGELL  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
29 September, 1946

MEMORANDUM FOR: Chief, Public Safety Division  
SUBJECT : Progress Report of Fire Section for  
the period 16-20 September, 1946

1. Conferences:

Mr. Angell conferred with the MFD re: Fire Prevention Week and Tokyo Fire and Marine Insurance Company re this section assisting them set up an Engineering and Inspection Department.

Major Hildebrand contacted Home Ministry re: fire losses for Japan and MFD re: information for reports.

Mr. Raeder conducted classes for Tokyo Firemen in Fire Prevention Inspections assisted by Mr. Angell.

Mr. Buck discussed the water supply of Tokyo with the Water Board and made recommendations to Home Ministry regarding codification committee.

2. Investigations:

Messrs. McKibbin and Raeder inspected the heating equipment of Kasque Prison.

Mr. Telford inspected Koishikawa and Suginiami Fire Stations.

3. Miscellaneous: All members attended classes.

Mr. Angell worked on Phase II Report.  
Major Hildebrand worked on Report of Tokyo investigation.

Mr. Raeder worked on reports of investigation of the Minanu Cabaret and Kasuge Prison.

Mr. McKibbin continued the study of  
~~redistricting~~ Tokyo Fire Station.  
*REDISTRICTING*

Mr. Buck prepared a report of the  
inspection of the Nippon Theatre.

Mr. Telford prepared a Population Map.

*George W. Angell*  
George W. Angell  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
16 September, 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT: Progress Report of Fire Section  
for the period 9-13, September, 1946

1. Conferences: Mr. Mori of the Yasuda Fire and Marine Insurance Company called to discuss methods of determining insurance rates. He believes the present Rating Board is not sufficiently qualified, and wanted our assistance.

During this week members of the Fire Section visited the Nippon Theatre and pointed out to a large group of firemen-inspectors many deficiencies found in the ground floor theatre. Later Mr. Telford and Mr. Buck revisited to inspect two other theatres in the same building, one on the 5th floor and one in the basement. Conditions are bad and details with recommendations will be covered in a report now being written.

2. Investigations: Major Hildebrand completed the investigation of Tokyo Fire Stations and now is preparing the report.

Visit was made to the Metropolitan Water Department where a map was obtained along with certain details regarding Tokyo's Water Supply. Study will be made to determine whether or not volume of water for fire protection can be made without a large outlay of money.

Mr. Buck and Mr. Angell visited the Nihon Kikai Company at Hachioji where a number of new chassis are being equipped as fire trucks. Various steps of the manufacture of pumps, couplings, etc. were checked and one of the completed pumpers given a brief test. The pump exceeded its rated capacity (450 g.p.m.) and appeared to be satisfactory. The Nissan chassis, however, are rather flimsily constructed for rugged fire department service.

-2-

3. **Miscellaneous:** All members of the Section attended the first two classes in orientation, and all excepting Mr. Angell attended the third.

Films showing results of the 1923 earthquake, and others picturing inspection by the Emperor of Tokyo's Fire Department personnel and equipment, were borrowed from Fire Department Headquarters and shown in the Dai Itchi Auditorium.

Progress continues on the drafting of Phase I Report.

*George W. Angell*

George W. Angell  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
16 September, 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of Fire Section  
covering the period 3-6 September,  
1946

1. Conferences: With officials of Tokyo Fire Department regarding the setting up of the Fire Prevention Section and the training of personnel for inspection work.

Chief Kurimata of the Koishikawa District Station has a plan for extending the Koishikawa Fire Prevention and Protection Association to include all of Tokyo. It would necessitate "unfreezing" of funds in the banks to permit business men to contribute. It was estimated that a fund of ten million yen could thus be raised for the purchase of the privately-owned alarm system in Tokyo and for the "welfare" of firemen. We gave little encouragement.

Several conferences were held with the fire department officials and representatives of the Home Ministry in preparation for Fire Prevention Week.

Conference was held with Mr. Hirata who is a member of the Reconstruction Board regarding the formulation of building codes and zoning laws.

2. Investigations: Major Hildebrand continued investigation of all fire stations in Tokyo.

Mr. Raeder and Mr. McKibben continued their study of Tokyo fire protection with the view to redistricting the city for more efficient operation.

-2-

Mr. Buck and Mr. Angell witnessed several fire companies in action at a fire which occurred in the former Siam Embassy buildings.

3. Miscellaneous: Assisted in training inspectors for fire prevention by taking them through a large department store and pointing out the various deficiencies.

*George W. Angell*

George W. Angell  
Fire Administrator



GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APC 500  
5 September 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress report of Fire Section for the period 26 to 30 August 1946.

1. CONFERENCES: Mr. McKibben and Mr. Buck attended a meeting held at M.F.D. Hdqrs. on 26 August for purpose of outlining a program for Fire Prevention Week. Representatives of M.F.D., Home Ministry, Fire Insurance Ass'n. and Nippon Fire Alarm Co. were also in attendance. M.F.D. is planning to institute a Fire Prevention Section and called to request our advice regarding the details. Figures showing fire department budgets for individual prefectures were supplied by the Home Ministry, but four prefectures had not reported. We called at H.M. and obtained two of those reports and requested expediting the others. Also requested that this office be notified as soon as possible when fires of ¥ 1,000,000 yen or more occur in order that investigation may be made and corrective action taken.  
Mr. Buck and Mr. Angell attended a meeting of fire dept. officials, insurance representatives, and manufacturers in Osaka at which Mr. Angell spoke. While in Osaka attended a conference at which Fire Prevention Week activities were outlined; inspected various pieces of apparatus at the repair shops, including the primer of a "Dennis" (English) pumper and a Mercedes (German) pumper and recommended necessary repairs to put the sprinkler system in the large Daimaru Department store back into service.
2. INSPECTIONS: Major Hildebrand continued the investigation of all Tokyo fire stations. He was accompanied by Mr. McKibben and Mr. Telford on some of the investigations.  
Mr. Buck and Mr. Angell inspected the U.S. Army fire boat at Kobe. Also called at Prefectural Headquarters and aided them in outlining plans for Fire Prevention Week.  
Investigation of the two fire stations in Nara City was made on 1 September.
3. MISCELLANEOUS: Mr. Raeder, Fire Administrator, and Mr. Telford, Investigator, reported for duty on 29 August and are being oriented.  
Fire losses for Japan, with three prefectures still unreported total more than ¥ 277,000,000 for July.  
Making up of final report of Phase I continues.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

1889

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
28 August 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report for Fire Section During the  
Period 19 - 25 August 1946

Conferences:

Press conference at Radio Tokyo where about 65 press reporters asked questions regarding fire prevention in Japan.

Conferred with M.F.D. officials regarding a program for "Fire Prevention Week"

Lt. Frazee, C.O. 1225th Engrs. Fire Fighting Platoon wanted our suggestions for outline of a fire prevention inspection course he is preparing for members of the M.F.D. who are to investigate hazards in areas occupied by Allied Personnel.

Chief Suyuki, head of Osaka Police Bureau requested a speaker for a meeting he is arranging in Osaka on 29 August. Group will include members of the fire dept., fire insurance companies representatives, members of various civic organizations, and others interested in fire prevention.

Conferred with Home Ministry officials regarding the possibility of obtaining funds for financing "Fire Prevention Week".

Attended ceremonies at dedication of re-built Nihontsutsu-Mi Sub-Station of the M.F.D.

Attended meeting of all District Fire Chiefs and Officials of M.F.D. at which the institution of a Fire Prevention Section was discussed.

Attended meeting at the Koishikawa Fire Station at which new methods of answering alarms was discussed. Previously, the various companies only answered alarms in their own Districts but under the new arrangement they will go outside the District limits without waiting for special orders.

Investigations:

Major Hildebrand continued the investigation of fire stations in Metropolitan Tokyo.

Personnel:

Mr. Buck from Seattle Fire Dept., and Mr. McKibben from Washington, D.C. Fire Dept., reported for duty on 19 August. The week was spent in orienting them in preparation for their duties as Fire Administrators.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

1890

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
28 August 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Progress Report of Fire Section covering the  
Period 12 - 16 August, 1946

Conferences:

S/Sgt. Allen, in charge of the fire department at Sugani Arsenal (5th Cav.) at Fuchinobi wanted our advice regarding the efficiency of U.S.A. Engrs. small fire truck as replacement for one of the two Japanese made trucks now in his department.

Officials of the M.F.D. requested a speaker for a meeting of all fire department officials on 16 August.

Requested Home Ministry to give us budget figures for all Prefectures 1939 to 1945 for comparison with those of current year. Figures were not available without requesting each Prefecture to forward so we obtained only the government budgets for those years.

Read a prepared speech 16 August to 80 officials of the M.F.D. Fire Insurance Companies Association have shown little interest in public fire department activities so we conferred with them in an attempt to obtain their cooperation and to interest them in instituting a "Fire Prevention Week". They agreed to (1) show more interest in the fire dept., (2) consider the efficiency of individual public fire depts. in promulgating insurance rates, (3) consider sponsoring a short radio program for fire prevention, and (4) cooperate in arranging a "Fire Prevention Week"

Investigations:

Major Hildebrand continued his investigation of fire department stations in Metropolitan Tokyo.

Reports:

Progress continues in preparing final Phase I report.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

1758

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
12 August 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Progress Report of Fire Sections Covering the Period  
5 - 9 August 1946.

1. Conferences: With Chief Kakuji Tateno, recently appointed as head of the General Affairs Sections, M.F.D. He became a policeman of M.P.B. in 1929, Supt. in 1937, then to Hokkaido as Chief of Police Affairs, then to Aichi Prefecture in similar position. On 4 August 1946 he was transferred to the present position, replacing Chief Shinoda who was transferred to Oita Prefecture as Chief of Police Affairs. Chief Tateno seems to be interested in fire department activities and has asked for our co-operation.

The writer spoke at the organizational meeting 5 August of the Koishikawa Fire Prevention and Protection Association, at which about 300 members were in attendance. It was pleasing to find an enthusiastic group of women had formed an Auxilliary under the leadership of a girls' school principal. Such a group, if really interested, can do much along fire prevention lines.

On August we spoke at a meeting of a similar group in Sugunami district. This Association is made up largely from manufactures, and they, too, were very enthusiastic in adopting a fire prevention program. About 200 persons were in attendance and asked many questions regarding the fire departments in the United States. It is hoped that other groups not only in Tokyo but throughout Japan, will be organized for fire prevention and protection.

Fire losses for June, as reported by the Public Safety Division, Home Ministry, are considerably lower than those for May, but still are higher than they should be. Representatives of Home Ministry disussed further <sup>over</sup> proposal that a fire prevention program be inaugurated.

Other conferences were held with representatives of M.F.D. regarding the formation of a Fire Prevention Section as suggested by us. In February 1946 the Cabinet ordered a reduction of 50 percent in number of officials in the fire departments of the 36 cities under government control. This arbitrary figure could have been met in Tokyo and some of the other cities whose authorizations was nearly double the assigned strength, but in Hokkaido Prefecture where the authorized number of officials for Sapporo, Hokadote, Muroran,

and Otaru was just about the number actually required, the reduction left only one Supt., two Engineers, and other similar inadequate number for serving the four cities. We believe the Cabinet was wrong in ordering a 50% cut and should have considered each city individually. ~~The~~ view of the great number of fires occurring in Hokkaido, a reduction at this time is undesirable. The H.M. will attempt to convince the Cabinet that the order should be rescinded so far as Hokkaido is concerned.

Conference was held with representatives of M.F.D., Home Ministry and Dept. of Commerce and Industry regarding increase of gasoline for fire department use. The Dept. of C. & I. are willing to approve the request providing the additional allotment is not taken from the present amount rationed to the public. In a later conference with Mr. Daniels, Pet. Adv., G-4, it was stated that the gasoline supply is ample for essential needs, and a new directive will be issued soon, eliminating some of the present non-essential needs. Mr. Daniels is in sympathy with our request of increasing the fire departments' allotment from the present 3.7 gals. per month to 15 gallons.

**Investigations:** Major Hildebrand spent most of this period continuing his investigation of all Tokyo fire stations.

**Reports** : Progress continues in the preparation of the report covering Phase I.

*George W. Angell*  
George W. Angell,  
Fire Administrator.

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED FORCES  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

1640

APO 500  
5 August 1946

MEMORANDUM TO: Chief, Public Safety Division.  
FROM : Fire Section.  
SUBJECT : Progress Report For The Period 29 July  
To 2 August 1946.

1. Conferences: Called at M. F. D. to obtain information regarding the acquisition of foreign-made fire apparatus, and learn something of the history of Japanese-made pumpers. Also obtained figures showing the number of trucks purchased from 1941 to date.

At a meeting with 500 members of the Tokyo Fire Department a few weeks ago, we outlined the activities of the N. F. P. A. in America. Chief of the Koichi and Suginami Districts started soon after the meeting to organize Fire Prevention and Protection Associations in their own communities. Several conferences with Chief Kurimata (Koichi) and representatives of M. F. D. were held to prepare for initial meetings of these two groups on 5 and 6 August. Our Fire Section is to be represented at both meetings.

Request was made of H. M. office to furnish <sup>DSD</sup> us with fire losses from 1 January to 1 July 1946 showing number of killed and injured, the number of fires, and the

Progress Report For The  
Period 29 July to 2 Aug. 1946

yen value in property loss. That office had made no collection of figures prior to our request for tabulations which originated with their report of May losses. At the conference relating to fire loss records, we also discussed a fire prevention <sup>plan</sup> progress which we urged the H. M. representatives to institute. An outline was given them and will be discussed on 7 August after they have had time to study it.

2. Miscellaneous: Major Hildebrand continued his investigation of Tokyo's fire department. We visited two stations to inspect the aerial trucks which are in useable condition. The German-made Benz 85 ft. ladder was raised to its full height in about 1½ minutes but the Jap copy, a 55 ft. ladder, failed to function properly although it finally was raised after many minutes delay. The aerial will be repaired and the crew trained in its proper operation.

Two newspaper accounts of activities pertaining to this Fire Section, are attached with their respective translations.

3. Phase I Report: In addition to regular office routine, remaining time was spent preparing the report of Phase I.



Progress Report For The  
Period 29 July to 2 Aug. 1946

4. Fire Report: Over the week-end 26 to  
30 July Lt. Col. Benton and the writer investigated the  
large fire which occurred 15 July in the town of Iida,  
Nagano Prefecture. Copy of the findings are in our files.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

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Trans. - M. Nakajima  
30 July 1946

(From the NIHON KEIZAI PRESS)

THE ANGEL OF FIRE DEP'T. REFORMATION !!!

(Inspection Tour Made by Mr. Angell)

\* With the help of Mr. Angell, Fire Administrator of CIS, SHQ, in Tokyo, all fire stations under the Metropolitan P.B. will soon undergo a complete change. On the 29th, Mr. Angell made an inspection tour with regard to fire equipments at the Metropolitan Fire Stations with a view to note further necessary improvements in the uniforms and equipment used by the fire stations in Tokyo.

\* At 0930, he first visited the NIHON-BASHI Fire Station, where he was guided by Mr. OGUCHI, Chief of Fire, round the station and inspected the state of the machines, tools, anti-fire uniforms and shoes used by the firemen.

Following this inspection, at NIHON-BASHI, he visited fire stations in YOTSUYA and KOUIMACHI Wards.

Photo:- Mr. Angell inspecting the equipment of a fire engine at NIHON-BASHI Fire Station.

PREVENT FIRE BEFORE TOO LATE. BUILDINGS ALSO SERIOUSLY CONSIDERED FROM THE STANDPOINT OF PREVENTING FIRE.

-----  
' DRASTIC REFORMATION OF FIRE DEP'T TO BE MADE UNDER THE INSTRUCTION '  
' OF MR. ANGELL  
-----

The Metropolitan Official Fire Stations which were severely criticized by the citizens when they were unable to do anything with the fire-bomb damages during the war and remained gazing at them with their hands clasped behind them, will, in the near future, make up for their past embarrassments under the direction of the Allied Forces. Several consultation meetings were held at the Fire Dep't. in the Metro Police Board with Mr. George W. Angell, Fire Admin. of CIS, GHQ, with reference to present situation of fire dep'ts. in the United States.

Consequently, a formal instruction from Mr. Angell was received by Fujita, chief of Fire Dep't. recently; and a drastic reformation will soon be seen in the fire departemtn circles. The opinion and plans on the side of the Fire Dep't. are as follows:

It is the general idea of Japanese fire stations to extinguish fires when they occur; that is, they are always ready to fight fires, but take no heed to prevent them. Therefore, there were a number of cases unfortunate enough as to unnecessarily lose precious properties and human lives. The important point of the instruction is to establish a new fire prevention body with instructive ability to meet the demand. With regard to the difference of the amount of the fire budget and of the cost of damages, the nation-wide fire Budget for 1946 was ¥ 46,240,000, whereas, the loss of damages for only the month of May was ¥ 144,270,000.

The fire budget for the Metro Police Board for this year was ¥ 17,950,000, whereas, the number of fire cases during May were 110, and the total loss was up to ¥ 15,160,000.

The cause of so many fire cases is due to the fact of the Government's little interest in fore affairs. The people are also apt to forget the thankful deeds of the firemen until being confronted by the danger of fire, close-by. But once a fire is far away, they act as if gazing at the cherry blossoms of Edo (Tokyo), or as if a third person without anything to do with the fire. Lack of interest is also one of the causes of so many fires in our country.

According to the instruction, a drastic reformation can be seen with a budget of only as much as one tenth of the amount of fire losses.

With reference to the fact that Fire Prevention Dep'ts. in America could prevent about 94% of the fires, we are planning to establish a Fire Prevention Section (temporary name) in the Fire Dep't.

In the densely populated areas, it was even impossible for the firemen to pass through and water-hoses to be conveyed, consequently causing the fire to unnecessarily burn the neighboring buildings. But, in the future, the fire department will notify the Fire Prevention Section to prevent mishaps beforehand.

In case of building a house inbetween buildings, a reasonable space of vacant lot will be left untouched with a view to prevent expansions of fire.

There used to be no relations with the Police Authority that had the control of dangerous commodities, thus causing unexpected dangers, at the spot, to hinder the actions of the firemen.

With a view to see no more of such hinderances, previous investigations, regular inspections of fire facilities of high buildings and theatres will be seen.

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED FORCES  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
5 August 1946

MEMORANDUM TO: Chief, Public Safety Division.  
FROM : Fire Section.  
SUBJECT : Progress Report For The Period 29 July  
To 2 August 1946.

1. Conferences: Called at M. F. D. to obtain information regarding the acquisition of foreign-made fire apparatus, and learn something of the history of Japanese-made pumpers. Also obtained figures showing the number of trucks purchased from 1941 to date.

At a meeting with 500 members of the Tokyo Fire Department a few weeks ago, we outlined the activities of the N. F. P. A. in America. Chief of the Koichi and Suginami Districts started soon after the meeting to organize Fire Prevention and Protection Associations in their own communities. Several conferences with Chief Kurimata (Koichi) and representatives of M. F. D. were held to prepare for initial meetings of these two groups on 5 and 6 August. Our Fire Section is to be represented at both meetings.

Request was made of H. M. office to furnish us with fire losses from 1 January to 1 July 1946 showing number of killed and injured, the number of fires, and the

Progress Report For The  
Period 29 July to 2 Aug. 1946

yen value in property loss. That office had made no collection of figures prior to our request for tabulations which originated with their report of May losses. At the conference relating to fire loss records, we also discussed a fire prevention progress<sup>am</sup> which we urged the H. M. representatives to institute. An outline was given them and will be discussed on 7 August after they have had time to study it.

2. Miscellaneous: Major Hildebrand continued his investigation of Tokyo's fire department. We visited two stations to inspect the aerial trucks which are in useable condition. The German-made Benz 85 ft. ladder was raised to its full height in about 1½ minutes but the Jap copy, a 55 ft. ladder, failed to function properly although it finally was raised after many minutes delay. The aerial will be repaired and the crew trained in its proper operation.

Two newspaper accounts of activities pertaining to this Fire Section, are attached with their respective translations.

3. Phase I Report: In addition to regular office routine, remaining time was spent preparing the report of Phase I.

Progress Report For The  
Period 29 July to 2 Aug. 1946

4. Fire Report: Over the week-end 26 to  
30 July Lt. Col. Benton and the writer investigated the  
large fire which occurred 15 July in the town of Iida,  
Nagano Prefecture. Copy of the findings are in our files.

GEORGE W. ANGELL  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
5 August 1946

MEMORANDUM FOR: Chief Public Safety Division

SUBJECT: Progress report for the period 22 to 26 July

CONFERENCES:

At our request representatives of M.F.D. brought to our office information pertaining to advanced training courses and all were discussed thoroughly the information will be added to Phase 1 report. Sgt. Allen, in charge of the 5th Cal. Fire Dept. wanted information regarding method of procedure for procuring a U.S. made fire truck. Referred him to Engrs. We had suggested that the M.F.D. paint distinctive markings on all hydrant manhole covers because in some instances neither the 1225th Engrs. Fire Fighting Platoon nor the Tokyo fire dept. knew the location of hydrants when fires occurred. M.F.D. thought the idea was all right but want our help in getting the paint, otherwise they must buy from blackmarket. We advised against this latter procedure. Public Safety Division, Home Ministry brought in tabulations of June losses in Japan, but ten Prefectures had not reported. We advised H.M. representatives to instruct the delinquent Prefectures to send their figures immediately. With M.F.D. regarding the present status of their "Special Brigades", used for protection of the Imperial Palace but re-assigned in February 1946. Also, he obtained details of the benefits received by firemen. This information is needed for our Phase 1 report. Representatives of H.M. called to discuss reduction of officer force of fire dept. in Hokkaido as ordered by the Cabinet and objected to by 8th Army Hdqrs. The H.M. has difficulty in arranging a payroll to include more than the number of personnel authorized. Advised them that 8th Army would not change their attitude because so many fires have occurred in Hokkaido, and because the officials authorized are insufficient to cover four cities widely separated.



PHASE I REPORT:

All available time, after conferences and regular office routine, was spent in preparing the report of Phase I.

MISCELLANEOUS:

Major Hilderbrand was hospitalized four days but returned to duty 26 July and spent most of the day continuing his inspection of the Tokyo Fire Dept.

*George W. Angell.*

GEORGE W. ANGELL  
Fire Administrator

1513

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
17 July 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Progress Report for week of  
8 - 12 July.

1. Major Hildebrand arranged with Metropolitan Fire Department officials for the Fire Section to participate in a conference of approximately 500 officers of the Fire Department. At the conference which was held on 10 July at the Railroad Convention Hall, Mr. Angell and Lt. Fragee, C.O. of the 1225th Engineer's Fire Fighting Platoon, showed the U.S. Navy training film "Damage Control" and following that, answered many questions proposed by members of the audience. The officials present appeared to be very much interested in the training methods and type of equipment demonstrated.

2. On 8 and 12 July Mr. Angell met with Commissioner Fujita and other officials of the Metropolitan Fire Department to discuss the proposed separation of the Tokyo Fire Department from the Police Department. It is understood that an assistant in the Office of Home Ministry stated that fire departments are not looked upon as being important and therefore in the future firemen will be paid less than policemen. More detailed information will be obtained from the Office of Home Ministry.

3. Nobuo Shinoda, Chief of General Affairs of the Metropolitan Fire Department, is to be transferred within the next few days to become Chief of the Police Department in Oita Prefecture. While his successor has not yet been selected, Commissioner Fujita feels it is a suitable opportunity to re-organize the fire department administration along lines suggested by the Fire Section, and a conference is to be held 17 July for this purpose.

4. Major Hildebrand left 9 July to make investigations of the fire departments in Shimane, Tottori, and Fukui Prefectures. He is expected to return by 20 July.

*George W. Angell*  
GEORGE W. ANGELL,  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
9 July 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Report of Progress for the Period  
1 - 6 July 1946.

1. Conference, attended by Major Hildebrand and representatives of Home Ministry and Ministry of Commerce and Industry, concluded that about 15 gallons of gasoline per truck is needed for operation of Japanese fire departments. Major Hildebrand then met with Mr. W.H. Daniels, Chief of Petroleum Advisory Group, G-4, who advised that Home Ministry should make request, through channels, for the necessary ration of gasoline and when the request reaches Mr. Daniels desk he will consult further with the Fire Section, this office.

2. Major Hildebrand continued his detailed inspection of fire department stations in Tokyo.

3. Mr. Angell completed his investigations of Osaka, Nara, and Hyogo Prefectures and returned to this office 5 July. Report of investigations is being prepared.

GEORGE W. ANGELL,  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
1 July 1946

SUBJECT: Report of Activities, Fire Section.  
Week 24-29 June 1946.

TO : Chief, Public Safety Division.

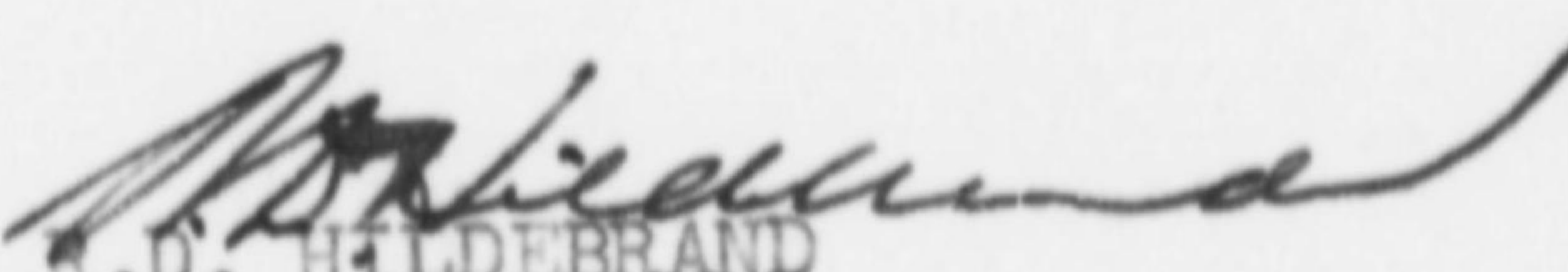
1. Mr. G. W. Angell spent the week on Inspections of Fire Departments in Kobe, Osaka and vicinities. He will return 6 July.

2. Major Hildebrand continued inspections of Tokyo Metropolitan Fire Stations.

3. Conference was held with representatives of Home and Commerce and Industry Ministries re - POL for Fire Departments. This subject will require additional study and conference with Petroleum Control Section, SCAP.

4. Arrangements were made to show film, "School for Fire-Fighters" on 10 July to 500 Japanese firemen.

5. Major Hildebrand will continue inspections of Tokyo Fire Departments and will leave night of 8 July for inspections at Matsue, Tottori, Fukui and vicinities.

  
R.D. HILDEBRAND  
Major, CMP  
for Mr. G.W. Angell  
Chief, Fire Section

1435

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section - G-2  
PUBLIC SAFETY DIVISION

APO 500  
24 June 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Weekly Report of Progress for the Period  
16 to 22 June 1946.

1. Mr. G. W. Angell spent the week completing reports on his inspection of FD's on Hokkaido.
2. On 21 June Mr. Angell visited Yokohama.
3. Major Hildebrand completed inspections of FD's on Shikoku and the Prefectures of Wakayama and Okayama.

*A. D. Hildebrand*  
Major, CMP  
for. G. W. ANGELL  
Fire Administrator.

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section - G-2  
PUBLIC SAFETY DIVISION

APO 500  
24 June 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Weekly Report of Progress for the Period  
16 to 22 June 1946.

1. Mr. G. W. Angell spent the week completing reports on his inspection of FD's on Hokkaido.
2. On 21 June Mr. Angell visited Yokohama.
3. Major Hildebrand completed inspections of FD's on Shikoku and the Prefectures of Wakayama and Okayama.

*A. D. Hildebrand*  
for. Major, CMP  
G. W. ANGELL  
Fire Administrator.

1409

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section - G-2  
PUBLIC SAFETY DIVISION

APC 500  
19 June 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Weekly Progress Report for the Period  
10 to 15 June 1946

1. Major Hildebrand left 7 June for Shikoku where he will investigate public fire departments in that island and also in Wakayama if time permits. He is expected to return to Tokyo on 22 June.

2. On 8 June Mr. Angell returned from Hokkaido where investigations were made of public fire departments in Sapporo, Otaru, and Iwamizawa. Report of investigations was made and information filed.

3. The Home Ministry has been requested by Hiroshima Prefecture officials to allot a greater amount of gasoline to the Hiroshima Fire Department. Details were given the Home Ministry who forwarded to the Fire Section. After translation is completed (now in progress) the matter will be discussed with Chief, Public Safety Division for proper action.

4. Request was made of Home Ministry for story of a fire in Muramatsu, a town in Niigata Prefecture, in which about 1400 buildings were lost. Verbal story indicates that the single pumper and two of the three trailer units (12 H.P. gasoline motor and 150 g.p.m. pump) were out of service. Report will be filed when translation is completed.

5. Home Ministry has forwarded, at request of the Fire Section, excerpts of laws pertaining to fire prevention. These are being translated. Evidently they were drafted mainly for protection of ammunition plants and forests. Probably can be used as basis for fire prevention regulations covering all manufacturing plants and public gathering places.

6. Japanese fire hose is purchased on specifications requiring a bursting pressure of 400 p.s.i. but evidently acceptance tests, to determine whether or not such specifications have been complied with, are not made. Samples of the Japanese hose were sent to the Factory Mutual Laboratories, Boston, Mass. for comparison with U.S. made, unlined linen hose. The amount of leakage in the U.S. made hose was found to be much lower than in the Japanese made product although both met specifications. The U.S. made hose did not burst at 700 p.s.i.

(maximum pressure of pump) while the Japanese made hose burst at exactly 400 pps.i. The yarn used in making the Japanese hose is twisted only 1 to 1.2 turns per inch, while the yarn of the U.S. made hose has 8 or more turns per inch. This harder twist of the U.S. yarn probably accounts for both lower leakage on wetting and also the much higher bursting pressure. Further study will be made and proper correction requested so better hose will result.

*George W. Angell*  
GEORGE W. ANGELL,  
Fire Administrator



1343

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section - G-2  
PUBLIC SAFETY DIVISION

APO 500  
11 June 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Weekly Progress Report for the Period  
3 to 8 June 1946

1. Major Hildebrand made visits to individual Fire Stations in Tokye, checking the amount, kind, and conditions of apparatus and equipment used. Findings will be included in report of Tokye Fire Department investigation.
2. On 7 June Major Hildebrand left for Shikoku to make investigations of Public Fire Departments in all prefectures of that island. Expected return about 22 June.
3. Mr. Angell and T/Sgt. Yakura completed investigations of Public Fire Departments in Sapporo, Otau, and Mayawa, Hokkaido Prefecture, and returned to Tokye on 8 June.

*George W. Angell*

GEORGE W. ANGELL,  
Fire Administrator

1125

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
27 May 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Weekly Progress Report For The Period  
20 to 25 May

1. Major Hildebrand is investigating public fire departments in all Prefectures of Kyushu. He is expected to return on 27 May after which all reports will be filed.

2. During the week further study was made of the various fire stations in Tokyo. It is proposed to re-district the city, eliminate any stations not essential, and use the completed plan as a guide for setting up the fire departments in other cities. The study necessitates visiting all stations, determining the equipment available in each, and learning the running time from stations to various points in the district.

3. Conferred with Lt. Harris and Lt. Frazier of the 1225th Engineers Fire Fighting Platoon regarding the fire alarm system being installed in areas housing Occupational Troops. In some instances of fires occurring in Japanese properties the 1225th has not been called until out of control of the Japanese fire departments. Lt. Frazier will contact Capt. Sorrells, C. E. and make arrangements for fire alarm to ring in the 1225th station.

4. Inspector Yamazaki of the Engineering Section, Tokyo Fire Department, called to discuss the construction of new fire trucks. The Home Ministry is to supply three chassis which were under construction for Japanese Army use, and it is proposed to mount on these an aerial ladder and 500 G. P. M. pump. Visit was made to the 1225th Engineers Fire Fighting Station where detailed inspection was made of a 750 G. P. M. "Holabird" pumper, made by the U. S. Army Engineers. It is proposed to incorporate some of the ideas in the new Japanese trucks.

5. On 24 May a conference of all U. S. Army Fire Marshals in Japan was held at the Grand Hotel, Yokohama. The meeting was opened at 6930 by Col. D. M. Dunne, The Engineer, 8th Army, and continued until 1600 hours. Copy of the program is attached.

*George W. Anzell*  
GEORGE W. ANCELL  
Fire Administrator

FIRE MARSHAL'S CONFERENCE

GRAND HOTEL

YOKOHAMA, HONSHU

24 May 1946

PROGRAM

MORNING:

- 0930 - "Fire Prevention & Fire Protection".....Col. D.M. Dunne, The Engineer, 8th Army.
- 0945 - "Winter Fire Losses and Their Causes"....Capt. K.W. Sorrels, OCE, Fire Marshal.
- 1015 - "Modified Heaters".....Capt. L.P. Jenkins, Yokohama-Tokyo Fire Marshal.
- 1045 - "American and Japanese Fire Extinguishers"...Lt. Frazee, CO, 1225th Engr Fire Fighting Platoon.
- 1110 - "The Japanese Fire Department"....Mr. G.W. Angell, Civil Intelligence Section, GHQ Fire Administrator

AFTERNOON:

- \* 1300 - "Engineer Fire Fighting Platoon Display"....Lt. Crane, 3159th Engr Fire Fighting Platoon.
- 1400 - "Procrastination in Fire Prevention"....Capt. Thomas, Hq, GHQ, Fire Marshal.
- 1420 - "Fire Protection Equipment".....Capt L.P. Jenkins, Yokohama-Tokyo Fire Marshal.
- 1450 - "A Suggested Inspection System"....Capt K.W. Sorrels, OCE, Fire Marshal.
- 1520 - "The Fire Marshal's Duties".... Capt E.W. Henricks, 8th Army Fire Marshal.

\* Transportation to the site of the Fire Fighting Platoon Display will be provided for those officers not having transportation. The entire group will assemble in front of the Grand Hotel at 1300 hours.

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GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APO 500  
20 May 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Weekly Progress Report for the Period  
13 to 18 May 1946

1. Major Hildebrand left 12 May for an investigation of fire depts. in various cities of Kyushu. He is expected to return by 27 May.

2. Study is being made of all fire districts and stations in Tokyo for the purpose of utilizing more efficiently the equipment and personnel now available. Upon completion, a recommended re-districting of the city will be made as well as a recommended supervision.

3. A conference of all U.S. Army Fire Marshals is to be held in Yokohama on 24 May and a representative of our Fire Section has been asked to speak on the subject "Japanese Fire Departments." This paper is being prepared.

4. Upon request of this office Mr. Okada of the Okada Fire Extinguishing Company brought samples of materials used in foam extinguishers charges. The foam agent is said to be a lactoprotein obtained from the Nippon Soybean Manufacturing Association, Nihonbashi Ken.

5. Attended a conference at which Mr. Valentine's group discussed briefly their final recommendations.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section - G-2  
PUBLIC SAFETY DIVISION

*file 1034*  
GWA/pjr

AFD 500  
13 May 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Weekly Progress Report for the period of May 5th to May 11th.

1. Conferences:

- (a) During the week, we called at Metropolitan Fire Headquarters and discussed with Chief Shinoda their general set-up at present, system of promotions, and relative location of fire stations. These were "odds and ends" needed to complete our study of the Tokyo Fire Department.
- (b) Director Fujita of the Tokyo Metropolitan Fire Headquarters called to discuss the firemen's training course. Our office provided him with a recommended outline for such training and which may be used in other cities. Fujita will have the outline translated into Japanese and provide us with a copy for future use. It was learned during this conference that Director Fujita is attempting to have a fire protection engineering course introduced into the curriculum of Tokyo University.
- (c) T. Mikuriya, engineer for Home Ministry, brought in figures which we had requested, showing the needs of all Prefectures for fire hose and repair parts for fire engines. Since the anticipated needs for fire hose were based on figures obtained three years ago (although supposedly brought up to date by some unexplained method) we requested that new figures be obtained. These should be reported to this office by 8 June.
- (d) Most carbontetrachloride extinguishers are found to be empty and inquiry disclosed that the Okada Fire Extinguishing Company had a supply on hand. At our request Mr. Okada called at this office. He has only three 55 gal. drums on hand but believes that soon an additional supply will be available from Japanese chemical plants. He could give us little information regarding the material which he uses as a foam agent in the powder used with foam generators, but has agreed to give us this information about 18 May.
- (e) Conference with representatives of Govt. Section, GHQ, covering objectives and the amount of work that has been completed.

2. Investigations and reports:

- (a) During the week Major Hildebrand had a number films developed and printed by the Signal Corps. These were mounted, labelled, and added to reports of his recent investigations of Fukushima, Sendai, and Aomori.
- (b) Major Hildebrand examined several lengths of fire hose which had been patched many times. Pictures were taken and will be added to our final report.
- (c) Study is being made of the large scale map in our office which outlines each fire district and indicates the location of each fire station. When the necessary data has been compiled, visit will be made to each individual station and eventually fire department divided into reasonable sized districts, will be recommended for Tokyo.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator.

Memorandum for: Chief, Public Safety Division

Subject: Resume of Activities of Fire Section.

~~File~~  
Fire Section

4-30-48

1. The activities of the Fire Section of Public Safety Division, beginning 15 January 1946, have to date consisted primarily of:

a. An extensive study of the Japanese Fire Protection System

1. Study of national, Prefectural and municipal organizations and preparation of organizational charts.
2. Study of locations of main fire stations and sub-stations for proper protection of all areas in larger cities.
3. Examination of equipment in use.
4. Inspection of fire boats and stations in Tokyo and Yokohama.
5. Conferences with Home Ministry, Ministry of Finance, Metropolitan Fire Department, and certain Prefectural officials.
6. Preparation of maps showing water mains and hydrants.
7. Collection of water supply data.
8. Collection of data pertaining to firemen training schools and the personnel of fire departments.
9. Inspection of the one company making fire hose in Japan.

B. The preparation of survey questionnaires and the revision of such questionnaires after trials in the field covering cities in various parts of Honshu.

1. ~~Loss of~~ Loss of life, personal injury and building losses from air raids.
2. Loss of fire protection equipment through air raids.
3. Experiences of top officials in fire protection.
4. Efficiency of fire departments in actual drills.

5. Frequency, causes, and ~~amount~~ <sup>dollar value</sup> of fire losses.

6. Methods of sending alarms.

7. Kinds, number, and age of fire pumps in use.

8. Amount and condition of hose.

9. Budget breakdown showing salaries, new equipment, and maintenance items.

10. Allotment of gasoline and oil.

11. Purchase of supplies.

C. Members of the Fire Section have witnessed the Japanese Fire Departments in operation at fires, have inspected buildings after fires have occurred and attended a demonstration of both U.S. Army and Tokyo Fire Departments.

3. For the past month two persons have been available for investigation duties and it is felt that the Fire Section is prepared for routine surveys of the various prefectures if additional investigators <sup>can be found.</sup> ~~are made available~~

George W. Angell  
Fire Administrator



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GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Office of the Chief of Civil Intelligence  
PUBLIC SAFETY DIVISION

GWA/pjr

APO 500  
6 May 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Weekly Report, 29 April to 4 May 1946, Fire Section.

1. Major Hildebrand completed inspection of Aomori and returned to Tokyo 1 May. Reports of Aomori, Fukushima and Sendai investigations will be filed by 10 May.
2. Mr. Angell is preparing reports of Hiroshima, Kure and Hiro investigation and will be filed by 10 May.
3. Visit was made to Home Ministry office to discuss with them the lack of gasoline for operation of fire trucks in Hiroshima. A meeting of representatives of Prefectural Police is to be held in Osaka this week at which time the gasoline ration for all fire departments will be discussed and appropriate action taken.
4. Also discussed with Home Ministry the problem regarding fire hose. Each Prefecture will supply the Home Ministry with figures showing the amount of hose on hand and the anticipated needs for present year. Results will be furnished this office by 10 May.
5. Attended to usual office routine.

*George W. Angell*  
GEORGE W. ANGELL,  
Fire Administrator.

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Office of the Chief of Civil Intelligence  
PUBLIC SAFETY DIVISION

22 April 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Weekly Report of Activities, 14 to 20 April 1946.  
Fire Section.

1. Prepared reports, maps and charts covering investigations made by Mr. G.W. Angell, Major R.D. Hildebrand, CMP and 2nd Lt. E. Sakamoto, Inf., of the Prefectures of Kyōto, Shiga and Gifu during the past week. These reports are now being typed.

2. Prepared summary of nation-wide air-raid casualties and losses. Original copy is attached to this report.

3. Mr. Angell, Major Hildebrand and Lt. Sakamoto attended exhibits and demonstrations by the 1225th Fire Fighting Platoon at the Tokyo Metropolitan Fire Station during the morning of 16 April 1946 and during the afternoon a demonstration by the Japanese. This report is being typed.

4. Conferred with officials of the Prefecture of Kanagawa Fire Department and worked on Maps, organizational charts and Report of this Prefecture. Two more days will be required to complete this work. Prepared report on the Yokohama Fire Training School which is being typed.

5. Major Hildebrand and interpreter will move out 21 April 1946 for investigations at Aomori, Sendai and Fukushima returning about 1 May 1946.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

1 Incl.

Summary of Nation-wide Air-raid casualties and Losses.

Separate List No. 1

SUMMARY OF NATION-WIDE AIR-RAID CASUALTIES & LOSSES

Classification	BOMBS DROPPED		CASUALTIES			STRUCTURAL LOSSES				
	Explosive	Incendiary	Dead	Critically Wounded	Slightly Wounded	Incendiary B. Totally	H.E. Bombing Half	Forces Destroyed	Half Destroyed	Fires
Hokkaido	428		1,271	318	324	4,802	19	831	1,189	
Tokyo	11,436	419,380	92,781	19,597	51,469	756,815	3,050	4,021	5,163	
Kyoto	277	3,516	227	205	367	77	20	120	240	7
Osaka	767	67,666	16,084	17,179	18,626	352,713	4,992	8,218	7,342	
Kanagawa	6,970	568,377	6,024	2,926	13,269	143,934	460	900	1,302	6
Hyogo	8,011	347,106	12,205	6,317	16,588	180,345	2,478	6,787	6,954	
Nagasaki	3,550	20,376	21,351	25,052	932	24,695	160	3,112	4,805	27
Niigata	30		869	412	1,712	11,325	78	11	10	
Saitama	2,241	40,524	528	180	888	5,432	97	163	249	
Gunma	2,884	301,234	974	484	971	14,338	175	288	480	
Chiba	6,047	95,453	1,438	774	995	20,876	285	304	565	
Ibaragi	3,012	220,089	1,789	1,130	1,257	26,878	255	965	1,231	
Tochigi	432	9,727	668	358	996	10,943	118	401	130	
Nara		3,033	73	86	156	89	33	11	7	5
Miye	3,005	111,181	3,067	2,588	1,637	35,662	966	1,788	1,778	114
Aichi	10,766	993,626	11,279	5,706	14,826	159,334	4,938	9,046	9,711	7
Shizuoka	7,327	459,856	5,679	2,111	9,178	70,551	1,811	4,484	6,434	
Yamanashi	121	48,409	930	363	1,037	18,489	191	29	11	14
Shiga	327	2,554	59	37	184	34	6	16	25	
Gifu	696	402,393	1,233	524	981	26,133	357	385	923	5
Nagano	26	798	37	35	19	78		30	30	
Miyagi	1,119	1,951	1,173	1,900	9	12,328	319	63	93	
Fukushima	1,926	7,027	499	257	301	1,268	67	241	351	5
Iwate	6,700	3,380	728	452	229	4,350	79	556	988	30
Aomori	2,157	52,307	1,494	240	367	15,577	17	266	387	
Yamagata	180		78	25	41	84	15	4	14	
Akita	1,353		123	49	77	38		56	87	
Fukui	30		1,737	43	1,825	25,681		6	21	
Ishikawa	27	8	4	60						
Toyama	8		2,232	456	3,390	22,766	25	42	255	
Tottori	42	5	80	61	31	29		2	23	
Shimane	90		52	32	58	3		7		
Okayama	1,262	50,670	1,758	351	671	25,752	504	14	35	
Hiroshima	885	170,114	70,631	19,942	91,504	88,195	2,460	7,337	4,484	14
Yamaguchi	11,889	136,073	3,797	923	2,739	18,683	891	765	930	
Wakayama	1,285	4,113	1,932	1,903	3,633	28,026	71	1,220	1,048	20
Tokushima	195	6,100	1,144	373	568	18,026	82	233	271	
Kagawa	1	1	1,352	424	630	15,982	292	48	127	
Ehime	452	10	1,217	520	1,183	27,835	194	394	607	
Kochi	500	4,036	584	161	735	11,902	167	231	490	1
Fukuoka	2,676	77,166	4,625	2,389	2,622	49,534	3,745	767	876	7

Official U.S. est. of  
atomic bomb deaths (1 bomb)  
52,000 - 2.1.47

Oita	3,344	6,403	364	363	547	2,854	304	437	915	10
Sega		317	221	18	132	703	18	156	91	5
Kumamoto	1,992	57,272	1,031	753	1,122	13,738	139	381	198	1
Miyazaki	6,386	10,996	685	249	544	8,109	82	920	1,391	7
Kagoshima	4,404	60,174	2,682	1,435	1,824	51,401	729	2,492	1,736	
Okinawa										
TOTAL	117,256	4,760,041	279,994	109,981	251,194	2306,397	30703	58,631	64,013	315

Separate List No. 2

SUMMARY OF AIR RAID CASUALTIES AND LOSSES IN MUNICIPAL AREAS

Prefecture	City or Town	Dead	Wounded	Total	Bldgs. Dest- royed	Bldgs. 50% Damaged	Total	Total Victims
Hokkaido	Hokodate	19	22	41	349	33	382	2,100
"	Muroran	308	164	572		344	344	5,300
"	Kushiro	184	167	351	946	258	1,204	8,000
"	Asahi-Kawa	1	16	17	1		1	22
"	Odaru	10	17	27				21
"	Obihiro	2	4	6	2		2	86
Tokyo-To	35 Wards	93,056	39,633	152,689	741,360	3,534	744,895	2,890,820
"	Hachiōji	290	70	360	12,895		12,895	74,443
"	Tachikawa	435	278	713	141	349	490	4,396
Kyōto	Kyōto	81	215	296	2	91	93	1,450
"	Maizuru	7	6	13				
Osaka	Osaka	13,973	19,791	33,764	338,009	6,192	224,201	1,098,818
"	Sakai	1,407	1,487	2,894	14,751		14,751	57,225
"	Kishiwada	18	45	63	644	5	649	3,121
"	Toyonaka	373	898	1,473	1,388	612	2,000	22,558
"	Ikeda	14	18	32	96			328
"	Fukida	57	99	156	197	50	247	1,206
"	Fuse	40	53	93	704	52	756	3,644
"	Takatsuki	3	10	13	10		10	10
"	Izumi-Ōtsu		3	3	3		3	31
Kanagawa	Yokohama	4,616	14,215	18,831	98,361	609	98,970	399,187
"	Kawasaki	1,001	1,521	2,522	34,838	276	35,114	154,426
"	Yokosuka	16	87	103	2	43	45	707
"	Hiratsuka	228	292	520	7,213	2	7,217	31,038
"	Odawara	48	40	88	474	10	484	1,666
"	Fukisawa	21	38	59	8	12	20	144
"	Kamakura	1	2	3				
Hyōgo	Kōbe	7,051	4,061	11,112	114,588	1,507	115,895	442,638
"	Amegasaki	573	305	878	10,728	427	11,155	44,028
"	Akashi	1,529	495	2,024	9,075	1,891	10,966	58,231
"	Ashiya	703	376	1,079	4,286	964	5,250	25,229
"	Nishinomiya	749	442	1,191	12,674	320	12,994	55,798
"	Himeji	514	156	668	10,798	715	11,513	55,402
"	Harima	6	7	13	389		389	2,066
"	Itani City	19	16	35	449	23	472	2,461
"	Aioi City	35	43	78	--	--	--	--
"	Nagasaki "	20,245	33,739	43,984	11,555	2,652	14,207	89,780
"	Saseho "	1,000	497	1,497	12,458	367	12,825	65,478
"	Omura "	96	99	195	418	95	513	709
"	Isahara "	2	5	7	28	--	28	125
"	Shimabara "	8	16	24	4	--	4	--
"	Niigata "	73	216	289	--	2	2	10

	Nagaoka "	831	1,908	2,739	10,302	--	10,302	49,703
Saitama Pref	Urawa "	18	35	53	105	1	166	770
"	Kawaguchi"	29	101	130	150	41	101	1,183
"	Omiya	12	15	27	230	--	230	1,158
"	Kumagaya	242	614	856	3,797	--	3,797	30,000
"	Kawagoe	5	6	11	4	5	9	62
Gumma	Maebashi	471	168	639	11,434	--	11,434	53,654
"	Takasaki	18	33	51	701	39	740	3,845
"	Isezaki	9		9	1,746	--	1,746	8,320
"	Kiryū	1	--	1	--	--	--	--
Chiba	Chiba	861	776	1,637	7,815	289	8,102	41,212
"	Ichikawa	8	36	44	78	6	84	477
"	Tunabashi	2	24	26	32	1	33	177
"	Matsudo	15	14	29	5	2	7	40
"	Chōshi	394	248	682	3,017	--	3,017	23,267
"	Kisaraza	7	14	21	4	3	7	52
"	Tateyama	33	62	93	29	5	34	217
Ibaragi	Mito	205	662	867	9,649	132	9,781	43,441
"	Hidachi	1,019	424	1,443	16,073	20	16,093	38,336
"	Tsuchiura	4	15	19	--	--	--	20
Tochigi	Tochigi	2		2	--	--	--	--
"	Ashikaga	6	3	9	6	--	6	45
"	Utsunomiya	540	1,189	1,756	10,601	384	10,983	48,000
Nara	Nara	1	13	14	7	--	7	37
Mie	Tsu	1,498	919	2,417	10,071	1,586	11,657	16,870
"	Ujiyamada	102	228	330	4,927	16	4,943	--
"	Yokkaichi	834	1,641	2,475	12,393	98	12,491	--
"	Kuwana	469	945	1,414	6,223	--	6,223	--
"	Matsuzaka	13	25	38	304	--	304	--
"	Suzuka	32	76	108	--	42	42	--
"	Ueno	--	1	1	2	--	2	--
Aichi	Nagoya	8,240	17,701	25,941	114,892	8,287	123,179	495,202
"	Ichinomiya	536	682	1,228	10,468	--	10,468	41,027
"	Okazaki	151	129	280	8,257	--	8,257	31,740
"	Toyohashi	576	796	1,372	19,640	147	19,787	74,772
"	Handa	134	197	331	30	213	243	1,520
"	Toyokawa	1,330	992	2,322	315	15	330	4,305
"	Seto	--	5	5	6	--	6	20
"	Kasugai	12	30	42	21	7	28	120
Shizuoka	Hamamatsu	3,239	2,913	6,152	19,640	4,170	23,810	124,058
"	Shimizu	384	447	831	8,296	158	8,454	33,544
"	Numazu	264	530	798	9,878	25	9,903	44,578
"	Shizuoka	1,764	6,783	8,549	31,224	131	31,355	127,199
Yamanashi	Kōfu	832	1,262	2,094	18,099	--	18,099	85,805
Shiga	Ōtsu	18	125	143	1	8	9	--
"	Hikone	17	57	74	--	1	1	--
"	Nagahame	--	1	1	--	2	2	--
Gifu	Gifu	818	1,059	1,877	20,303	--	20,303	--
"	Ōgaki	74	152	226	4,722	40	4,762	--
Nagano	Nagano	29	27	56	48	28	76	216
Nagano	Ueno	1	5	6	--	2	2	30

Mujiagi	Sendai	992	1,687	2,679	11,612	--	11,612	57,321
"	Ishinomaki	13	16	29	--	1	1	2
"	Shiogama	3	3	6	111	3	111	2,112
Fukushima	Taira	22	99	121	668	11	709	3,175
"	Koriyama	388	354	712	455	31	486	2,318
Iwate	Morioka	6	19	25	103	15	118	1,413
"	Kamaishi	564	553	1,117	3,060	510	3,600	16,030
"	Miyako	9	6	15	112	1	113	2,350
Aomori	Aomori	1,018	255	1,273	15,253	57	15,310	72,232
"	Hachinohe	22	21	43	58	209	267	850
Yamagata	Sakata	18	33	51	1	4	5	20
Akita	Akita	105	93	198	38	45	83	336
Fukui	Fukui	1,584	1,556	3,140	21,586	--	21,584	92,304
"	Tsuruga	153	312	463	4,097	1	4,098	27,206
Toyama	Toyama	2,149	3,787	3,936	22,754	12	22,766	113,920
"	Takaoka	25	16	41	--	18	18	90
Tottori	Yoneko	5	9	14	11	--	11	23
Shimane	Hamada	--	--	--	--	--	3	12
Okayama	Okayama	1,745	975	2,720	25,200	3	25,203	104,606
"	Tamano	13	47	60	--	11	11	60
Hiroshima	Hiroshima	65,614	64,670	128,284	33,005	6,820	61,825	123,719
"	Kure	1,967	702	2,669	22,055	251	22,306	124,746
"	Fukuyama	275	393	668	10,154	--	10,154	46,358
"	Onomichi	--	2	2	--	--	--	--
Yamaguchi	Shimonoseki	241	505	746	9,210	14	9,224	41,134
"	Ube	336	591	928	4,953	215	5,168	23,413
"	Tokuyama	942	668	1,610	4,300	127	4,427	12,697
"	Iwakuni	813	329	1,142	80	256	336	1,707
"	Kudamatsu	146	105	251	6	42	48	398
"	Hikari	52	62	114	159	22	181	2,033
"	Onoda	8	21	29	--	16	16	70
"	Bōhu	11	41	52	3	--	3	17
Wakayama	Wakayama	1,625	4,675	6,300	25,216	137	25,353	123,708
"	Kainan	36	54	90	--	76	76	326
"	Tanabe	20	20	40	--	23	23	525
"	Shintomi	74	103	177	230	120	356	2,085
Tokushima	Tokushima	1,070	832	1,902	17,920	233	18,153	73,230
Kagawa	Takamaku	1,273	880	2,153	15,933	23	15,656	72,937
Ehime	Matsuyama	380	761	1,141	13,248	36	13,284	66,718
"	Uwajima	248	279	527	6,227	88	6,315	21,549
"	Imahari	242	407	649	8,001	98	8,099	34,236
"	Niihama	13	91	104	--	54	54	500
"	Saijō	--	7	7	--	--	--	7
"	Yawatahama	2	2	6	--	73	73	52
Kochi	Kochi	447	429	876	11,902	162	12,064	45,082
Fukuoka	Fukuoka	553	1,079	2,032	14,106	--	14,106	56,785
"	Moji	161	260	421	3,836	55	5,891	19,455
"	Kokura	137	64	201	27	92	119	595
"	Yawata	1,996	956	2,951	14,038	235	14,273	71,365
"	Tohata	72	78	150	317	42	359	1,795

Fukuoka	Wakamatsu	14	52	71	1,200	5	1,203	6,015
"	Kurume	120	--	120	4,506	--	4,506	22,530
"	Omuda	780	1,571	2,351	11,062	20	11,082	55,410
Oita	Oita	177	270	447	2,677	239	2,916	12,593
"	Beppu	3	9	12	--	--	--	12
"	Saheki	54	30	84	--	60	60	250
"	Nekatsu	1	2	3	--	1	1	2
"	Hida	2	2	4	--	--	--	4
Saga	Saga	25	26	51	151	22	173	992



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GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Office of the Chief of Civil Intelligence  
PUBLIC SAFETY DIVISION

APO 500  
13 April 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Weekly Report, 1 April to 13 April 1946

1. On 1 April, Major Hildebrand was assigned to duty with the Fire Branch and during the interval covered, has been oriented through use of office files, introduction to Home Ministry Officials and Tokyo-to Fire Department Officials, and a ten-day inspection tour of Kyoto Prefecture and Shiga Prefecture, in company of Lt. Sakamoto and Mr. Angell. Reports of visits will be completed by 22 April.

2. Major Hildebrand, Lt. Sakamoto, and Mr. Angell inspected the Firemans training School at Yokohama, operated by Kanagawa Prefecture. Memorandum covering the inspection will be completed by 19 April.

3. Major Hildebrand, Lt. Sakamoto, and Mr. Angell called at the Fire Department in Yokohama operated by the Engineers and arranged with Lt. Frazee to conduct a demonstration for benefit of the officials of the Tokyo Fire Department. Demonstrations is to be conducted 16 April 1946 and memo covering will be made by 19 April.

4. Major Hildebrand, Lt. Sakamoto, and Mr. Angell visited the Omi Kabushiki Kaisha, Kawzaki-gum, Shiga Prefecture to investigate the only plant in Japan now producing Fire Hose. Inspection was made also of the company's yarn mill at Otsu, Shiga Prefecture. Reports and data will be completed by 22 April.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator  
Fire Section

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Office of the Chief of Civil Intelligence  
PUBLIC SAFETY DIVISION

APO 500  
30 March 1946

MEMORANDUM FOR: Chief, Public Safety Division.

SUBJECT : Weekly Report 25 March to 30 March 1946.

1. Visited Fireboat Main Station, Tokyo and tested pump and foam equipment.
2. Answered alarm and witnessed fire in two buildings (Japanese Barracks and a mess hall) near Tokyo Bay.
3. Visited Metropolitan Fire Headquarters and arranged to visit and inspect the Firemen's Training School.
4. Conference with Captain Serrells of the Fire Prevention and Protection Section, Office Chief of Engineers, regarding overlapping of duties.
5. Drafted Fire Regulations for Eighth Floor.
6. Made inspection of Tokyo's Firemen's Training School. Visited Tokyo Office of Teikoku Sein Co, and arranged to inspect their plant near Kyoto. (Manufacturers of Linen Fire Hose)
7. Inspected Fire Boat at Yokohama.
8. Visited Prefectural Police Headquarters, Yokohama.
9. Visited Tobe Station in Yokohama.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

*ALPB*

*File*

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Office of the Chief of Civil Intelligence  
PUBLIC SAFETY DIVISION

APC 500  
23 March 1946

MEMORANDUM FOR: Col. H.E. PULLIAM

SUBJECT : Weekly Report, 18 to 22 March,  
Fire Section.

1. Conferred with officials Tokyo Fire Department regarding plot plans of fire districts.
2. Conference with Gen. Ferrin and Mr. Valentine's group.
3. Conference with Col Ryden and Mr. Valentine's group.
4. Made fire investigation of Saitama Prefecture at Prefectural Fire Headquarters. ✓
5. Investigated public water systems at Urawa. ✓
6. Made fire investigation of Kawaguchi in Saitama Prefecture. ✓
7. Obtained plot plans of all Fire Districts in Tokyo on which have been indicated the kind and location of each hydrant and the size of each water main.
8. Attended to regular office routine.

*George W. Angell*  
GEORGE W. ANGELL  
Fire Administrator

*Weekly Report*

*ALPB*

GENERAL HEADQUARTERS  
SUPREME COMMANDER OF THE ALLIED POWERS  
Office of the Chief of Civil Intelligence  
PUBLIC SAFETY DIVISION

APO 500  
18 March 1946  
George W. Angell

MEMORANDUM TO: Colonel H. E. PULLIAM

SUBJECT : Report of Fire Section Activities,  
March 1 to 17, 1946 (Reference Office Memo No. 8)

1. Visited the headquarters office of the Metropolitan Fire Department and arranged with them to prepare, for our use, a large map of greater Tokyo on which they would show (a) the boundaries of the area covered by each main station, and (b) the location of each main station, sub-station, and sub sub-station. The map was prepared in accordance with our request, mounted on wood, and delivered to this office. Location of the various fire stations is shown by use of red, green, and blue pins.

2. In company with the manager of the Murayama Reservoir system, visited the property and inspected the three reservoirs which comprise this source of water and which supplies about 60% of Tokyo's water requirements.

3. Visited the headquarters office of the Metropolitan Fire Department and arranged with them to prepare for our use a large scale map of greater Tokyo on which they would show (a) the boundaries of the area supplied from each source of water, (b) filter stations, (c) storage reservoirs, and (d) larger feeder mains, and how they are interconnected. This map was prepared in accordance with our request and delivered to this office.

4. Request was also made for the preparation of plot plans showing the area involved under each fire station, the location of each individual station, location of each hydrant within the area, and the location and size of all water mains. These plans are to be delivered to this office on 22 March.

5. In order to obtain information necessary for orientation of new inspectors, Major Whitlock visited Metropolitan Fire Department Headquarters and discussed the various phases of administration, personnel, and equipment, and requested that certain detailed information be tabulated for use by this office. It is expected that this information will be delivered to this office by 22 March.

6. Preparing the program of the Fire Section covering phase I outlined in "The Mission and Objectives of the Public Safety Division" (Office Memorandum # 7, dated 9 March 1946). This will be submitted by 20 March 1946 as instructed in Office Memorandum # 17.

7. Visited the Home Ministry Office and obtained figures showing the fire losses in the eight chief prefectures of Japan. Figures show the number and value of losses during October, November, and December of the years 1941-1945 inclusive, as well as breakdown of kinds of losses and casualties.

Report of Fire Section Activities Cont'd:

8. Had several conferences with officials of the Metropolitan Fire Department in both this office and theirs.
9. Attended Police Division conference with Commissioner Valentine's group, Colonel Stewart, and Colonel Wadsworth.
10. Attended to regular office routine.

MR. GEORGE W. ANGELL  
Fire Section (Admin)

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Civil Intelligence Section, G-2  
PUBLIC SAFETY DIVISION

APD 500  
29 November 1946

MEMORANDUM FOR: Chief, Public Safety Division

SUBJECT : Accomplishments of Fire Section.

A. The Fire Section of the Public Safety Division is comprised of the following personnel:

1. G.W. Angell, Act. Chief Administrator; reported 14 January 1946.
2. Maj. R.D. Hildebrand, Ass't. Administrator; reported 1 April 1946.
3. F.S. Buck, Administrator; reported 17 August 1946.
4. C.R. McKibbin, Administrator; reported 17 Aug. 1946.
5. A.O. Raeder, Administrator; reported 25 August 1946.
6. B. Telford, Investigator; reported 25 August 1946.
7. C.P. Starr, jr., Investigator; reported 21 Nov. 1946.

B. As of 30 November 1946, the Fire Section has engaged in the following activities, with the results indicated:

1. Made detailed studies of fire department organizations and inspections of apparatus.

a. Information was assembled on fire department organizations in Hokkaido, Aomori, Miyagi, Fukushima, Saitama, Tokyo, Kanagawa, Gifu, Shiga, Kyoto, Nara, Osaka, Hyogo, Fukui, Miyazaki, Tottori, Hiroshima, Shimane, Saga, Nagasaki, Fukuoka, Kagoshima, Kumamoto, Ehima, Kochi, Kagama, and Tokushima Prefectures. A physical inspection was made of the Headquarters of each prefecture and a considerable number of fire stations were visited. Stations and apparatus in Tokyo, Yokohama, Urawa and Kawaguchi were inspected.

b. The reports were analyzed and deficiencies in administration, training, equipment, fire alarm service, water systems and fire fighting methods were noted.

c. Reinspections of fire department installations in Sapporo, Otaru, Aomori and Sendai were made. Reinspections in Kyoto, Osaka, Kobe, Nagoya, and in Fukui Prefecture are currently in progress.

2. Suggestions were made for the organization of a Fire Prevention Division of the Tokyo Fire Department and departmental officials were advised and guided in its organization.

PROGRESS REPORT

a. Neither Japanese fire departments nor the Japanese public was ever seriously concerned with the prevention of fires.

b. Two hundred officers and men, headed by a Chief Inspector, from the Tokyo Fire Department were selected for instruction and training as Inspectors. From this group it was planned to select those best suited for the work to form the Fire Prevention Division.

c. Members of the Fire Section aided in the instruction by conducting groups on inspection tours through department stores, theaters and night clubs, pointing out common fire hazards and outlining necessary corrective measures.

d. The Home Ministry informed all Prefectural Governors of the successful formation of the local Fire Prevention Division and recommended that similar organizations be formed in all cities and towns.

3. The inauguration of a Fire Prevention Week, similar to that observed in the United States, was proposed. The Fire Section advised and guided fire department and Home Ministry officials in carrying out an intensive fire prevention program.

a. Members of the Fire Section attended meetings, held press conferences and gave talks on fire prevention to representative groups estimated to number a total of 25 thousand.

b. The Home Ministry informed all Prefectural Governors and urged that definite fire prevention programs for the week be formed. Reports from areas far removed from Tokyo indicate that considerable effort was put forth.

c. Members of the Fire Section agree that the first Fire Prevention Week in Japan was the most successful they have ever seen anywhere.

4. Suggestions were made for reorganization of the Reconstruction Board, appointed by the Prime Minister to formulate building codes and zoning regulations.

a. The Fire Section was instrumental in having at least five qualified Japanese architects placed on the Board.

b. The Fire Section acted in an advisory capacity in the drafting of a new building code and suggested many corrections therein.

5. The Fire Section was instrumental in bringing together the manufacturers of fire hose and those agencies responsible for the purchase of new hose for fire department use.

a. The Ohmi Textile Mill, Ltd., was operating at 55% of its capacity because, so officials stated, orders for new hose were not forthcoming.

b. City Prefectural Headquarters and the Home Ministry had indicated that new hose was not available. This misinformation was corrected and a considerable quantity of new hose is now being manufactured and purchased.

c. Hose manufactures have designed their hose to meet minimum specifications only and tests have proved it to be of poor quality. Efforts have been made to have the specifications raised and the grade of hose improved.

6. The Fire Section succeeded in obtaining approval for increased rations of gasoline for the operation of fire department apparatus.

a. The allocation of 3.7 gallons per pumper per month was increased to approximately 15 gallons per month per pumper.

7. The Fire Section assisted the Metropolitan Fire Department engineering section in designing a fog nozzle.

a. Because of the lack of carbontetrachloride, carbon dioxide and foam generating equipment adequate protection against flammable fires was not provided.

b. A low velocity fog nozzle, of Japanese manufacture, was tested recently, with satisfactory results. Suggestions were made for minor changes which will increase its efficiency.

8. The Fire Section interested the officials of large fire insurance companies in fire prevention measures.

a. Formerly there was little interest shown by fire insurance companies in fire departments and there was practically no contact between the two. Insurance officials were convinced that good fire departments result in lower fire losses and fewer fires of conflagration proportions.

b. Fire insurance companies demonstrated their good faith by making a substantial monetary contribution to help insure the success of Fire Prevention Week.

9. The Fire Section participated in technical conferences with representatives of concerns manufacturing fire pumps, extinguishers, hose, commercial automobiles, and allied equipment, and with architects and fire insurance officials. The following things were suggested:

- a. Design and construction of
  - (1) More rugged fire pumpers.
  - (2) Pumps of greater capacity.
  - (3) Dependable fire extinguishers.
  - (4) Automatic sprinkler systems.

b. Formulation of building and electrical codes, zoning regulations and fire prevention laws.

c. Better cooperation between insurance companies and fire departments.



10. The Fire Section studied the locations of fire stations, the distribution of equipment and personnel in the Tokyo Fire Department.

a. A system of personnel and equipment assignment was devised which may result in the closing of 22 secondary stations without decreasing fire department efficiency.

b. A system of response to alarms of fire was devised to insure adequate protection in all areas in the event of large or simultaneous fires.

11. The Fire Section made a detailed study of the fire alarm system in Tokyo and recommended correction of deficiencies.

a. The automatic fire alarm system in Tokyo was destroyed during the war. Reliance for giving alarms is placed in the station watch towers, telephones and messengers. This system results in inaccurate reporting of fires and delays in sounding of alarms.

b. A system of triangulation, using the watch towers as reporting stations, was devised and tested, with satisfactory results. It is contemplated that this system will be placed in service as a stop-gap measure until such time as a standard fire alarm system can be installed.

12. The Fire Section cleared difficulties involving shipping priorities for vital materials used in fire protection.

a. The Ohmi Textile Co., Ltd. was unable to operate because shipment of yarn could not be effected. The matter was discussed with the Transportation Section and arrangements were made for immediate shipment.

b. The Tokyo Fire Alarm Company, installing alarm systems in GHQ facilities, was unable to obtain necessary wire. After discussion with the Transportation Section immediate delivery was arranged.

c. Arrangements were made for procurement of badly needed tires for fire department equipment.

13. Inspections were made of scenes of fires in Sapporo, Iida, Yokosuka, and Tokyo. Fire Section members have been present at several fires in the Tokyo area, observed methods of operation and aided in correcting deficiencies.

a. Inspections were made, at the request of the Tokyo Fire Marshal, of the GHQ Laundry and Dry Cleaning Plant, the American school, the Photo Laboratory, the Overseas Radio Sending Station and several night clubs open to Allied personnel.

b. An inspection was made, at the request of the Prison Section, of a typical prison and recommendations were made to correct deficiencies found.

14. The organization of Ward Fire Prevention and Protective Associations were suggested.

a. Forty-one active associations were formed. These units were very active in carrying out the programs of Fire Prevention Week.

b. Work is going ahead on the organization of a National Fire Protection Association, patterned after the N.F.P.A. in the United States, which includes in its membership manufacturers, insurance companies and many others interested in fire protection and prevention.

15. The Fire Section recognized, in establishing a long range policy for Japanese fire defenses, the acute need for an organization comparable to our National Board of Fire Underwriters. Initial steps have been taken to organize in Japan a National Fire Defense Board. This Board will embrace all of the features of the N.B.F.U. and in addition will conduct a training school for fire department instructors. Classes will be comprised of personnel from municipalities of over 25 thousand population throughout Japan.

a. The Home Ministry has shown a definite enthusiasm for the establishment of such a Board.

b. The Insurance Section, Finance Division, GHQ has given confirmation of the admissability of such a plan.

c. Japan lacks any agency which places qualified approval on first aid fire extinguishing equipment, fire hose, fire pumps, sprinkler system, standpipes, fire hydrants, fire alarm systems, electrical appliances, oil burners and similar hazardous devices.

d. It will be the responsibility of the National Fire Defense Board to draw up specifications, codes and information pamphlets for safe installation, handling and use of flammable liquid storages, tank trucks, combustible fibers, acetylene gas, manufactured gas, anesthetics and similar flammable and explosive materials.

e. The National Fire Defense Board will eventually make surveys of all Japanese cities upon which the basic rate for fire insurance companies could be set by the Ministry of Finance.

16. The Fire Section is currently engaged in a survey of the Tokyo Water Department facilities and hopes to correct many of the existing deficiencies.

a. Because of countless small leaks in the mains the supply facilities are severely taxed and it has been the practice to reduce the flow between 2100 and 0500. This practice is inconsistent with the maintenance of adequate fire protection and there are several known instances in which the fire department has been hampered because of lack of water.

17. A program for the training of recruit firemen, and for continuous in-service training of firemen, is being instituted by the Fire Section.

a. Present training of firemen consists of instruction in various so-called cultural subjects not even remotely related to the fire service.

b. Drills in the fire stations, which should cover actual fire fighting operations, are very vague in nature and are poorly and irregularly conducted.

c. The Japanese fire departments are badly in need of assistance in training both administrative officials and firemen, in designing suitable fire apparatus, in making necessary specifications covering the design and acceptance testing of equipment, and in guiding their activities until such time as their own men are qualified. The Fire Section has been successful in laying the groundwork toward accomplishing that mission with the small number of men operating as a unit during a very short time.

*G. W. Angell*

G. W. ANGELL  
Acting Chief Administrator



### 世界の食糧

#### 米農務省の豫想

(ワシントン廿八日ワシントン共同) 米農務省は、世界の食糧供給が、一九四六、四七年の平均水準より、一、二割増えるが、一九四七年度の平均水準は、一九四六年度の平均水準より、一、二割減る。米農務省は、一九四七年度の平均水準は、一九四六年度の平均水準より、一、二割増えるが、一九四七年度の平均水準は、一九四六年度の平均水準より、一、二割減る。

一九四六、四七年の平均水準より、一、二割増えるが、一九四七年度の平均水準は、一九四六年度の平均水準より、一、二割減る。米農務省は、一九四七年度の平均水準は、一九四六年度の平均水準より、一、二割増えるが、一九四七年度の平均水準は、一九四六年度の平均水準より、一、二割減る。

## 補償打切後の建設 設備営團で肩代り

### 近く六工場に実施

補償打切後の建設設備営團で肩代り。近く六工場に実施。補償打切後の建設設備営團で肩代り。近く六工場に実施。

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## 尙残る尨大負債

### 補償打切 海運界の影響

尨大負債。補償打切 海運界の影響。尨大負債。補償打切 海運界の影響。

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## 日 樂觀を許さず

### 昨年よりは増収でも

日 樂觀を許さず。昨年よりは増収でも。日 樂觀を許さず。昨年よりは増収でも。

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## アンラの解散必至

### 救済打切りに三國の意見一致

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## 高い地代を是正

### 自作農創設を促進

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## 特別都計法案可決

### 吉田首相 世界の平和を維持

特別都計法案可決。吉田首相 世界の平和を維持。特別都計法案可決。吉田首相 世界の平和を維持。

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## 和田農相

### マ司令部

和田農相。マ司令部。和田農相。マ司令部。

マ司令部



先進

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次官會議

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山梨縣聯結成... 山梨縣聯結成... 山梨縣聯結成...

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木村法相... 木村法相... 木村法相...

田中文相... 田中文相... 田中文相...

森氏... 森氏... 森氏...

農相... 農相... 農相...

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