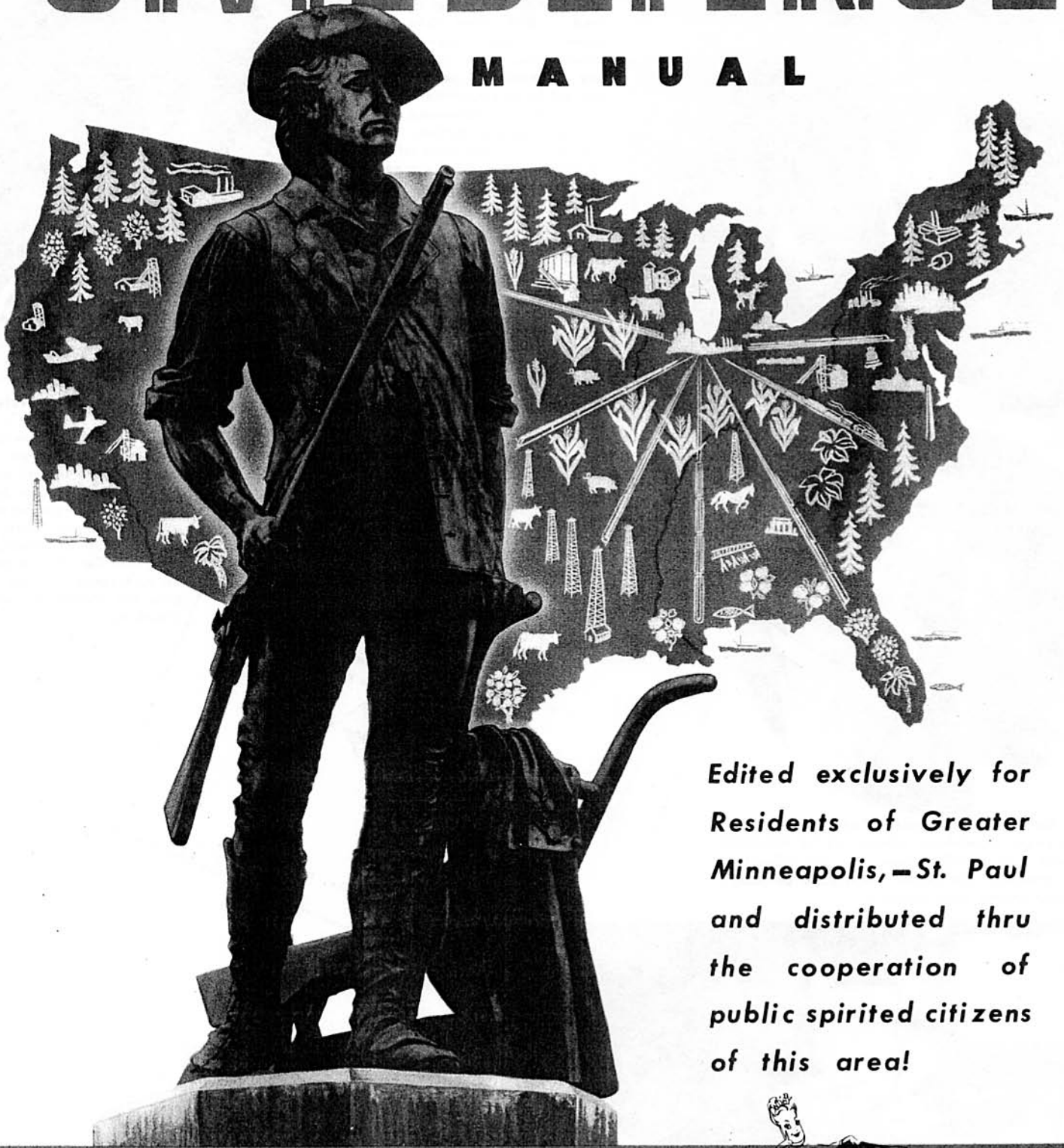


TWIN CITIES

CIVIL DEFENSE

MANUAL



*Edited exclusively for
Residents of Greater
Minneapolis, — St. Paul
and distributed thru
the cooperation of
public spirited citizens
of this area!*



w d g y
MINNEAPOLIS — ST. PAUL

*Compiled in cooperation with national and local Civil Defense
Authorities and Sponsored as a public Service by Wdgy
IN THE INTEREST OF CIVIL DEFENSE . . .*

WDGY'S STAFF AND FACILITIES ARE



(Left) Harry D. Peck, Vice President and General Manager of WDGY, took over the management of the station late in August of 1950 with one goal in mind - to make this station the finest in the area. With more than 20 years of radio experience behind him, Peck appointed key executive personnel, brought in new personalities, hired top-notch salesmen, and set the course of action. To day, WDGY is the most talked about station in the area, and it's still growing, becoming a credit to a man with vision.



John Leslie, radio veteran of 17 years, is Peck's right-hand man as program director. Leslie is in charge of all on-the-air personnel as well as programming and production. His background includes key positions with radio station WOW in Omaha, and WREX in Duluth. In case of an emergency, Leslie will gear the station for wartime broadcasts.



Jim McGovern, a graduate of the University of Minnesota journalism school, is in complete charge of the WDGY newsroom. His schooling and practical journalism knowledge command respect among area newsmen.

WDGY
TWIN CITIES BROADCASTING CORPORATION
MINNEAPOLIS 1, MINNESOTA

1130 on your dial • 50,000 watts

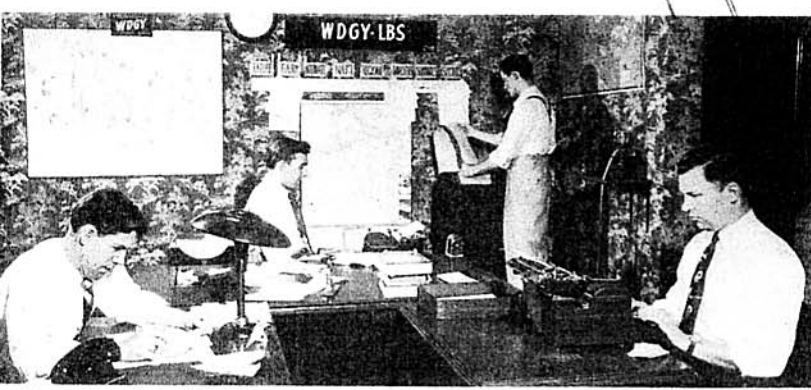
We at WDGY are fully conscious of our obligation to keep the people of Minnesota informed in all phases of Civilian Defense. Unfortunately, if our great country was attacked, it would affect every man, woman, and child.

WDGY is also discharging its public service obligation by being a key warning station in the Air Defense Command. Whether the cold war blows hot or cold we must not forget that it is absolutely necessary that our Civilian Defense Program is strengthened.

By knowing the facts of how to protect yourself in any emergency will most certainly reduce the possible casualties of this type.

Harry D. Peck.

KEEP YOUR EYE ON WDGY



The aim of the WDGY newsroom is to broadcast the news as rapidly and as accurately as possible. To this end the newsroom is equipped with national wire services, tape recorders, telephone "beep" service, and has access to a new mobile unit. Above from left to right are newscasters Vince Lonergan, Jim McGovern, Norm Syse, and local commentator John G Simmons.



DEDICATED TO THE PUBLIC DEFENSE



WDGY's new mobile unit is fully-equipped for short-wave broadcast and is used to tie-in commercial sponsor with on-the-spot news. Some 500 Diamond D-X dealers through-out Minnesota, Wisconsin, and Iowa are special news correspondents for the radio station.



Whenever there's news in the making, WDGY's news director and the mobile unit are on hand to broadcast the event. Here we see Jim McGovern "covering" the opening of one beach in the City of Lakes.



(Left) Right in the middle of everything is Jim McGovern, here seen taking notes for a first-hand story of a recent loop building explosion. Minutes later McGovern reported the story to the radio audience from a nearby telephone booth via the "beep" system.



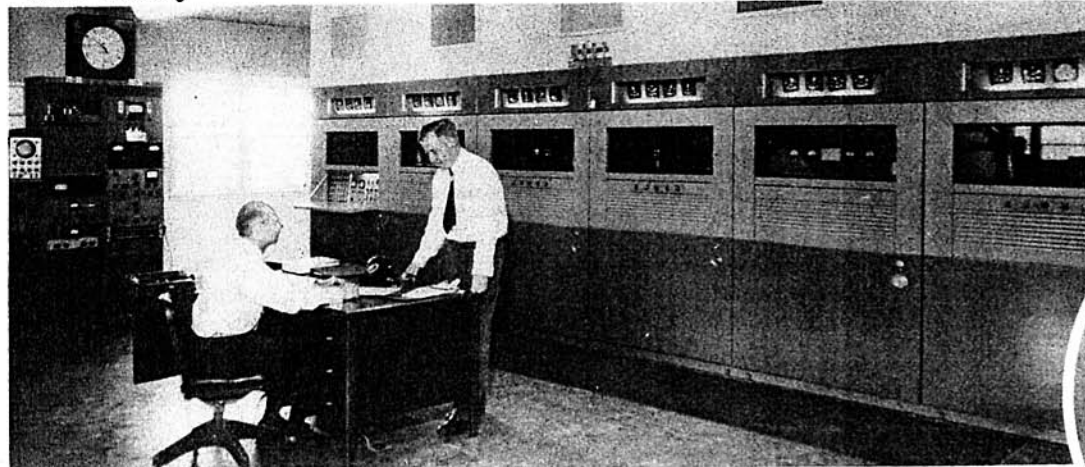
(Right) The WDGY microphone carried the news of former Minnesota Governor Luther Youngdahl's recent visit with Mrs. Dorothy Lewis, United Nations representative in charge of radio station relations. This exclusive interview took place in the Governor's office in St. Paul a few days before he was named a federal judge.



WDGY's ultra-modern transmitter building just outside of town is where the station's 50-thousand-watts of power are generated through its 9 towers. In case of an emergency the station can broadcast from the transmitter building.



The huge station call letters are dwarfed by the 44 acres of land used to support the vast 9-tower-array needed to boom out 50-thousand-watts of power.



Studio supervisor, Kenneth Olson, (standing) and transmitter supervisor, Charles Dinkel, consult each other regarding a maintenance problem arising from the great mass of tubes, dials, and electrical equipment which comprise the radio station. Here, in the transmitter, the programs originating in the studio are carried through to the towers and beamed to the thousands of radios tuned to the 1130 spot on the dial.

(Below) William L Shirer, noted news commentator, covers the national news picture for WDGY through the facilities of the Liberty Broadcasting System.



MINNEAPOLIS CIVIL DEFENSE PREPARES

IN A CITY
PROPERLY ALERTED
AND ORGANIZED
FOR CIVILIAN DEFENSE
THE DEATH TOLL CAN
BE CUT AS MUCH AS
50%



(Left) The Honorable Eric Hoyer, Mayor, and Director of Civil Defense for Minneapolis.



City of Minneapolis
OFFICE OF THE MAYOR

July 30, 1951

ERIC G. HOYER
MAYOR

MAYOR ERIC G. HOYER'S
STATEMENT FOR W.D.U.Y. PAMPHLET

By use of the global bomber in modern warfare, the City of Minneapolis is vulnerable to an attack by any foreign enemy of our nation. Our city is also not immune to catastrophe by natural causes or calamities, such as large conflagrations, industrial explosions, etc.

Civil defense is the cooperative effort of our citizens for self-protection.

Eric G. Hoyer
Eric G. Hoyer
M. A. T. O. B.

(Below) Walter P. Halstead, Executive Director of Civil Defense for Minneapolis.



OFFICE OF CIVIL DEFENSE City of Minneapolis

1108 NICOLLET AVENUE
ZONE 3

August 9
1951

FILLMORE 2758

Statement for W.D.U.Y. Brochure on Civil Defense

At the present time the fight for the preservation of Democracy throughout the world is entering a very critical period. Localized successes have a tendency to lull the people of this country into a feeling of false security. Consequently, they lose sight of the fact that we are still faced with a powerful adversary who has the physical might, and the moral desire, to strike us at a moment's notice.

We must, therefore, not relax our guard for one moment and our defenses must be strengthened wherever possible. An integral part of our defense program is the development of a sound Civil Defense Plan throughout the Nation. The future of this country could well depend upon how well we, in Civil Defense today, organize our forces.

The education of the people as to how they can protect themselves in the time of disaster, and how they can best serve their community in its Civil Defense Program, is the most important task now facing us.

Many thanks to Station W.D.U.Y. for the splendid cooperation they are giving us in their effort to bring Minneapolis Civil Defense to the attention of the public and a "well done" to you for your patriotic effort.

Walter P. Halstead
Walter P. Halstead, Executive Director
Minneapolis Office of Civil Defense

SIGNALS FOR IMMINENT AIR ATTACK

RED ALERT

The signal for imminent attack by enemy bombers will consist of a THREE MINUTE WARBLING BLAST BY ALL SIRENS.

ALL CLEAR

(Meaning danger is past), will consist of a series of three steady one minute blasts by sirens. There will be a silent period of two minutes between each blast.

MINNEAPOLIS OFFICE OF CIVIL DEFENSE
ADDRESS-- 1108 Nicollet Av.

TELEPHONE-- Fillmore 2758
IN CHARGE-- Walter R Halstead

HELP PROTECT YOUR CITY. VOLUNTEER FOR CIVIL DEFENSE

Your services are needed now. To successfully carry out a program of civil defense for Minneapolis the cooperation of every man, woman and child is necessary.

Volunteers are needed in the following activities.

1. AIR FILTER CENTER. Work with the U. S. Air Force plotting the approach of hostile aircraft.
2. AUXILIARY POLICE. 800 volunteers needed to assist regular police in protection of civilian property during an emergency.
3. AUXILIARY FIREMEN. 1000 adults are needed to supplement the regular Minneapolis Fire Dept. in an emergency.
4. AUXILIARY RESCUE SQUAD. 600 volunteers needed to assist in releasing

trapped persons, rendering first aid, assisting in rescue operations and recovering bodies from collapsed or damaged building.

5. FIRE GUARDS. 5,800 volunteers needed to fight fires and render first aid in their own blocks or building.
6. MEDICAL, HEALTH, HOSPITAL SERVICES. Volunteers are needed to assist in medical and hospital services.
7. CIVIL RELIEF OPERATIONS. Volunteers are needed to help in providing aid for those welfare services required to meet the human needs of food, clothing, shelter etc.
8. AIR RAID WARDEN. Wardens are needed for every block in the city.
YOU CAN VOLUNTEER YOUR SERVICES by filling in an official application blank which can be obtained at your bank, library, or nearest police or fire station. Mail the completed application to Office of Civil Defense, 1108 Nicollet Avenue, Minneapolis. You will be notified when your selected branch of volunteer service will call upon you for training and operational functions.

MINNEAPOLIS AIR RAID SIRENS

According to Minneapolis Civil Defense Exec. Dir. Walter Halstead a complete warning coverage of the city will be made possible by the installation of approximately one hundred 2 1/2 H.P. Sirens. The siren warning will be accompanied by simultaneous use of other communications facilities such as broadcasting, music etc.

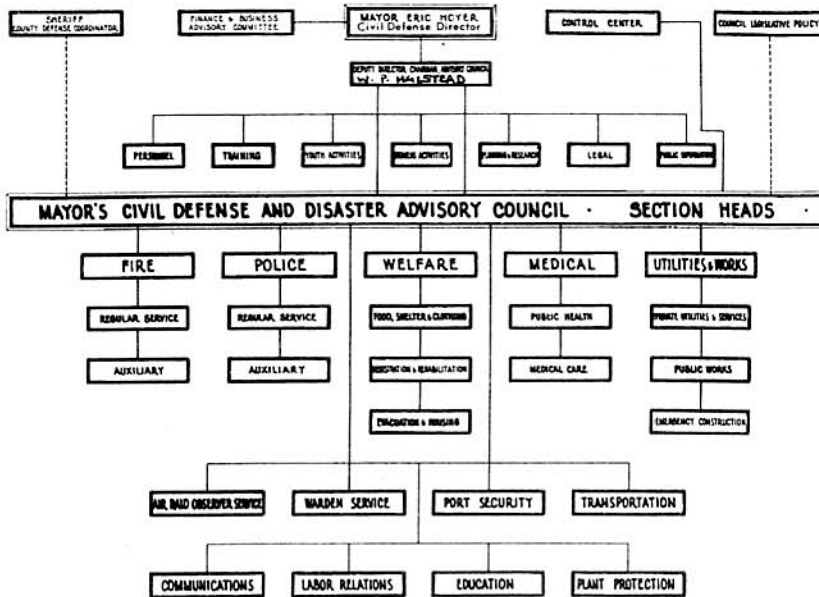
AIR RAID WARDENS

The city of Minneapolis has been divided into 11 Defense Zones, with a Zone Warden, and 4 Deputies heading each Zone. There will be a Block Warden, and a Fire Warden, for each of the 5800 blocks in the city. Wardens will have the responsibility of keeping in constant contact with, and preparing the neighbors in their block for emergency situations.

YOU CAN HELP BY OFFERING YOUR SERVICES

FOR THE PROTECTION OF ITS CITIZENS

MINNEAPOLIS CIVIL DEFENSE FUNCTIONAL ORGANIZATION CHART



DRILLS

Public drills are planned for downtown Minneapolis Zone 1. Since the Building Manager's Association members are acting as wardens in Zone 1 these drills will probably be conducted by buildings. The Northwestern Bank Building occupants have been organized and are ready to conduct practice drills. In addition to building drills, training drills will also be conducted by Auxiliary Police, Auxiliary Firemen, Communications Groups etc.

SHELTERS

An engineering survey of downtown Minneapolis buildings has been completed by Civil Defense and certain buildings will soon be certified for use as public shelters in case of an enemy attack.

EVACUATION OF CIVILIAN POPULACE

No evacuation of civilians is planned in advance of an enemy attack, however it is planned to evacuate hospital cases immediately after notification of an impending attack.

Emergency traffic routes have been set up and as soon as possible after the blast the homeless and critically wounded will be removed to pre-arranged hospital and shelter facilities.

RADIO BROADCASTING AND CIVIL DEFENSE

Radio broadcasting will perform an important role in furnishing information to, and educating the public in advance of an emergency, and a vital role in the dissemination of official instructions and bulletins at the time of, and in the period after, the attack.

MEDICAL COMMITTEE

The Medical Committee, under Dr. Frank J. Hill, City Public Health Officer, has the responsibility for all medical care and public health problems that might arise in time of disaster.

A very fine piece of organization work has been done by this entire Committee and worthy of special mention is the plan set up by the Hospital Services Section. Under this plan, the existing hospitals assume the responsibility for the development of emergency hospital care and facilities throughout the city. Each hospital is assigned a Defense Zone as its satellite area. The Chairman of that hospital is is the head of the hospital services for that particular area.

Surveys have been made of all types of public buildings, schools, churches, etc., and of such buildings, suitable ones have been designated as emergency hospitals. Under the supervision of existing hospital staffs, volunteers, both medical people and trained First Aid Workers, will be assigned to specific emergency hospital installations. In time of emergency, these installations will be activated under the supervision of this trained organization.



The training class for civil defense auxiliary police at Sibley Field School receives some practical instruction in first aid.



This attractive exhibit recently shown Minneapolis pointed up graphically the need for civil defense volunteers.

BLOOD NEEDED

The Defense Blood center for Minneapolis and Hennepin County opened recently at 1805 Lyndale Avenue South, in the same location as the World War II blood center.

Appeals for blood donors are being made by the American Red Cross and the Minneapolis War Memorial Blood bank.

Blood collected will be used solely for the armed forces and for eventual civil defense stockpiling.

Call KENwood 4312 to make an appointment for donating blood. Times for blood donations will be suited to the convenience of the donor as far as possible.

RED CROSS FIRST AID COURSES

It has been suggested by Civil Defense officials that at least one person in each family should take a course in first aid. The following classes are currently being conducted by the Minneapolis-Hennepin Chapter of the American Red Cross.

Standard First Aid Course, incorporating new material dealing with atomic warfare (22 hours)

Advanced First Aid Course (12 hours) open to those having completed Standard Courses.

First Aid Instructors Course, open to those having completed Standard, and Advanced Courses.

Junior First Aid Course (A simplified course for school children between the ages of 12 and 15.) This course is part of the regular elementary school curriculum in about 80 percent of the Minneapolis schools.

Home Nursing (14 hours)

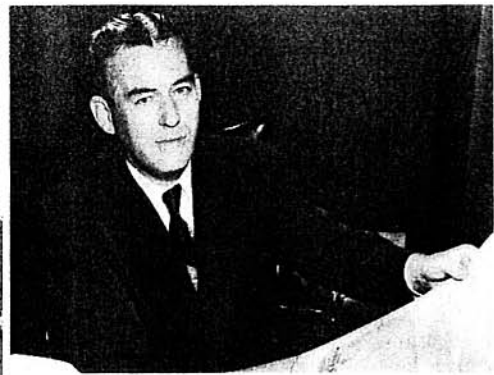
Nurse Aid Course (80 hours)

Classes in Home Nursing or Nurse Aide Training will be organized for individual groups such as bridge, canasta church groups etc if so desired.

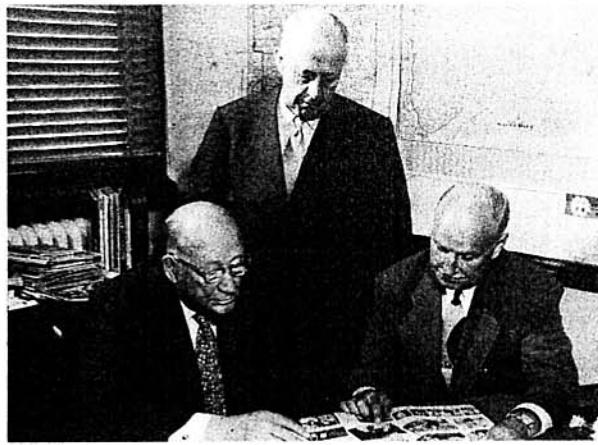
During the past fiscal year approximately 6000 persons were graduated from all combined first aid classes. Of these over 600 completed the Standard Course with atomic supplement and are therefore available for Civil Defense work.

Those wishing to enroll in any of the above courses should call GENEva 8371, and you will be put in contact with the proper department.

SAINT PAUL ORGANIZES A CIVIL



Edward K. Delaney, Mayor and Director of Civil Defense, for Saint Paul.



(L. to R.), J. T. Maher, Chairman of Advisory Committee; G. H. Hess, Jr., Sec. and Tres. and Paul J. Calder, Co-Director of Civil Defense for Saint Paul, go over the layout for this Manual.



Paul J. Calder, Co-Director of Saint Paul Civil Defense proudly displays a citation awarded Saint Paul Civil Defense by the Freedom Foundation.



Executive Department

EDWARD K. DELANEY
MAYOR

STATEMENT ON CIVIL DEFENSE
BY MAYOR EDWARD K. DELANEY

SAINT PAUL, MINNESOTA
JULY 6, 1951

FOR W D C Y

A full-scale preparedness program for the defense of our nation is no longer the exclusive function of those charged with the obligation of military preparation. Any military defense program, regardless of its magnitude, would be ineffectual in protecting the people, the homes and the industrial installations of our community unless coupled with an adequate civil defense program.

If and when the enemy decides to wage an all-out attack on our country, it will be practically impossible to eliminate all the enemy bombers before they deal their deadly and destructive missiles.

A civil defense organization, if rightly developed, can be in a proper position to immediately take the necessary steps to minimize the loss of life and property resulting from such an attack, and will be the only vehicle through which the industrial plants that produce the necessary and vital war supplies and materials can be kept in operation.

A civil defense organization can be and then properly organized nor made to function efficiently unless every man, woman and child in the community actively participates and becomes a part of the organization which has been created for his personal protection.

Edward K. Delaney
Mayor

SAINT PAUL OFFICE OF CIVIL DEFENSE

ADDRESS Room 219, Commerce Bldg.
4th & Wabasha, Saint Paul
Garfield 5401

TELEPHONE
IN CHARGE Col. Paul J Calder

ST. PAUL CIVIL DEFENSE ORGANIZATION
Tele.

Director of Civil Defense, Mayor E. K. Delaney
City Hall GA4612
Co-Director of Civil Defense (St. Paul) P J Calder
219 Commerce Building GA5401
Deputy Co-Director, Reynolds Marchant
900 Faquier, St. Paul CE3071
Co-Director of Civil Defense, T. J. Gibbons
167 City Hall Ramsey Co. (Ex. 507) GA4612
Chairman of Advisory Committee, James T Maher
219 Commerce Building GA5401
Secretary and Treasurer, G H Hess, Jr.
219 Commerce Building GA5401

SAINT PAUL *Civil Defense* RAMSEY COUNTY
219 Commerce Building July 18, 1951

Civil Defense is everybody's business -- every man, woman, and child's. When a bomb explodes, it does not select certain groups. Its death and destruction covers a large area. There has never been a greater destructive man-made force than the A-bomb.

We know that our potential enemy has the A-Bomb. We also know that they have long-range bombers capable of carrying modern weapons of war to any target located in the world.

We also feel that if an enemy strikes with such weapons, it will be a surprise attack -- not a declaration of war.

Civil Defense, when you stop to analyze it, is just the best kind of insurance. You buy insurance on your home, on your car, accident and health insurance on yourself, and hope to God you will never have to use it. That is the same way with Civil Defense -- it is good insurance to be prepared and know what to do if a bomb should strike -- but we hope it never comes.

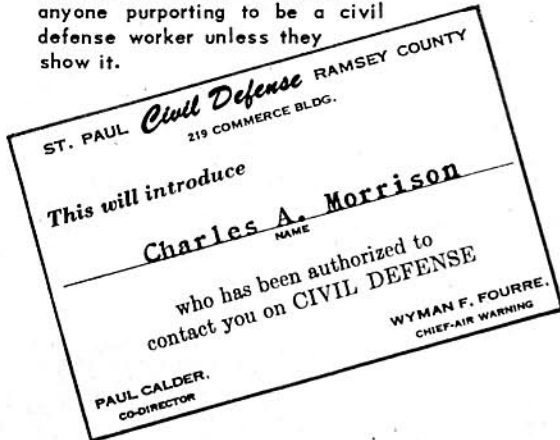
There can be no apathy in Civil Defense.

England had a Civil Defense organization two years before World War II, and Sir John Rossdale, Director of Civil Defense in England, stated that if England had not had a Civil Defense program during World War II, there would be no England today.

Intelligence Div., K. Hedman, Chief, (Ex. 510) GA4612	Police Service Division, Chief Tierney GA7391
Robert Cermak, Ass't to Mr. Hedman, NE8877	Sergeant Don Wallace GA7391
New Brighton, Minn. GA4612	Auxiliary Police Chief, Wm. Yungbauer GA3839
DEPUTY DIR. NO. 1, A. H. Schroeder, 445 City Hall GA5793	DEPUTY DIR. NO. 3, John C. Hambrick (Ex. 416) GA4612
Geo. C. Darrell Ass't to Mr. Schroeder GA3323	502 Court House
Special Repair and Rescue Div. H. Lovering GA3323	Dr. R. B. J. Schoch, Public Safety Bldg. GA3881
Communications Div., H. Nicholls, Mgr. CE4234	Dr. Carl Ingerson, Mortuary Services and Vital Statistics (Morgue) GA1691
N. W. Bell Telephone Co. GA4612	GA2068
Transportation Div., Ed Jones, City Hall GA4612	Welfare Div., Ruth Bowman, 179 Court House GA4612
Radio Communications Div., Gregg Ferrey, GA1502	American Red Cross, Mrs. Lucile Stoffer GA4981
Emergency Messenger Service, Judge McNally GA4612	Dr. John Smiley, Univ. Dept. of Health, (MPLS) MA8551
Boy Scouts, C.O. Ellsworth, EM2967	Community Chest, Charles J. Birt, Wilder Bldg. CE0311
Planning Div., George Herrold, 274 City Hall GA4612	Civilian War Aid Unit, Irving Clark, Chairman GA3813
Forestry Div., L. Kaufman, 445 Court House GA4612	DEPUTY DIR. NO. 4, Gus Larson, Evacuation Div. CE0765
Sewage Disposal, Louis Bartsher, TO2763	E-1497 First Nat. Bank Bldg.
Wastes Disposal, John Cotter, 273 Court House GA4612	DEPUTY DIR. NO. 5, E. H. Jeffers, Information and Training, Smyth Printing Co. GA5891
Water Supply, Len N. Thompson, 216 Court House GA4612	Training Div., Dr. F. Conner, 615 Court House GA4612
Power Service, J. F. Owens, 5th & Wabasha GA5515	Procedure Writing, Wm. Serbine, Court House GA4612
DEPUTY DIR. NO. 2, Albert R. Anderson, Public Safety Bldg. GA7391	Legal Counsel and Accounting, M. W. Stoffer, CE7333
101 East Tenth Street, CE3071	Publicity Div., Bernie Campbell CE5011
Plant Protection Division, Robert McElroy CE3071	DEPUTY DIR. NO. 6, Paul Wilson, Technical Services Div., CE3071
Warden Service Div., Wyman Fourre, 63 Court House, GA4612	Minnesota Mining & Mfg. Co.
Air Raid Warning and Observation, Gus Brissman, GA7391	Radiological Defense Div., Al Jarosch, Chief NE9601
Fire Service Division, Chief Wm. H. Mattocks, CE0477	Chemical Defense Div., T.J. Skotnicki CE3071
Chief Peterson CE0477	

DEFENSE AGAINST ENEMY ATTACK

This is the official identification card issued to all St. Paul Civil Defense volunteers. Do not admit anyone purporting to be a civil defense worker unless they show it.



A Western Airlines stewardess and a Red Cross motor service volunteer check the first shipment of whole blood to Korean battle zones from the Red Cross Regional Blood Center, Saint Paul.

VOLUNTEERS NEEDED

Civil defense is our responsibility. It can not function without your help and mine. There is a job for everyone. Workers are needed in all of the categories listed below. Drop into the Saint Paul Civil Defense Office, 219 Commerce Building, today and fill out an application blank. Telephone GA 5401-5402 for information.

CATEGORIES REQUIRED INVOLUNTARY CAPACITIES FOR CIVIL DEFENSE WOMEN

- | | |
|---------------------|---------------------|
| Air Craft Observers | Evacuation |
| Ambulance Drivers | Hospital Dietition |
| Air Raid Warning | Nurses |
| Block Wardens | Personnel |
| Car Drivers | Public Health |
| Clerks | Sanitation |
| Communications | Telephone Operators |
| Control Station | Truck Drivers |
| Decontamination | Typists |
| Dispatchers | Welfare |
| Doctors | |

MEN

- | | |
|-------------------------------|---------------------|
| Air Craft Observers | Engineers |
| Airplane pilots | Evacuation |
| Air Raid Warning | Fire |
| Ambulance Drivers | Instructors |
| Architects | Nurses |
| Block Wardens | Plumbers |
| Car Drivers | Police |
| Carpenters | Public Health |
| Chemists | Public Welfare |
| Communication | Radiological |
| Control Station | Monitors |
| Dispatchers | Sanitation |
| Doctors, Medical and Dentists | Telephone Operators |
| Electricians | Truck Drivers |

RED CROSS

- | | |
|---|---|
| Canteen | Nurses' Aides |
| First Aid | Training or Experience in Business or in Profession |
| Grey Ladies | |
| Home Nursing | |
| Motor Service | |
| Training in Red Cross Volunteer Service | |

GENERAL

- | | |
|------------|---------------|
| Boy Scouts | Junior Groups |
|------------|---------------|

AIR RAID SIRENS

A complete warning coverage for Saint Paul will be made possible by the installation of a proposed 160 sirens.

INTELLIGENCE DIVISION

Saint Paul Civil Defense is believed to be one of the first groups in the country to incorporate an Intelligence Division in its organizational plan. This Intelligence Division will work with all Government security agencies in the detection and suppression of all types of subversive activities.

RADIO AND CIVIL DEFENSE

Radio has a dual role to play in helping to educate the public concerning civil defense and in acting as a vital medium of communication in time of disaster. The red alert warning of imminent attack will be broadcast as will be subsequent official instructions.

AIR RAID DRILLS AND MOCK BOMBING

St. Paul was the first city in the country to organize and conduct its own bomb critique. This theoretical bombing problem was effected on Dec. 18, 1950. Solutions to the problem were worked out on paper and later incorporated into an elaborate booklet entitled, "Hypothetical Problem for Saint Paul," which was given wide publicity throughout the country.

Plans are now underway for sectional alerts in St. Paul which will include active participation by the public. Such air raid drills are extremely valuable in pointing out weaknesses in civil defense technique and procedure. Communications alerts have already been conducted by St. Paul Civil Defense with amateurs, radio stations taxi cabs, and other communication facilities participating.

WARDENS

Between 8000 and 10,000 wardens will be needed in St. Paul. The St. Paul Civil Defense plan calls for 4 wardens, two men and two women, for each block. Each warden will be required to complete the standard Red Cross first aid course. The Chief block warden, and his three assistants in each block will act as a general counsel on civil defense matters for all the people in his block. After an emergency the wardens will act as police until the police arrive. They will also assist in putting out small fires in that immediate area.

HOUSE TO HOUSE SURVEY

The Women's Division of St. Paul Civil Defense is undertaking a house to house survey that will eventually complete a card file on every family in the city. A similar undertaking is underway in Ramsey County. The card that is being used in the survey is shown below.

STREET ADDRESS _____		TELEPHONE NO. _____	
NAME _____	Male—Female _____	AGE _____	OCCUPATION _____ HEALTH _____
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
TYPE OF HOME—HOUSE <input type="checkbox"/> APARTMENT <input type="checkbox"/> DUPLEX <input type="checkbox"/> NUMBER OF ROOMS _____			
TYPE OF HEAT—STEAM <input type="checkbox"/> HOT WATER <input type="checkbox"/> HOT AIR <input type="checkbox"/> STOVE <input type="checkbox"/> FUEL-GAS <input type="checkbox"/>			
OIL <input type="checkbox"/> COAL <input type="checkbox"/> WOOD <input type="checkbox"/>			
WATER SUPPLY—CITY <input type="checkbox"/> WELL <input type="checkbox"/> POWER DRIVEN GAS <input type="checkbox"/> ELECTRIC <input type="checkbox"/> HAND <input type="checkbox"/>			
QUALIFICATIONS—FIRST AID <input type="checkbox"/> VETERN <input type="checkbox"/> DOCTOR <input type="checkbox"/> NURSE <input type="checkbox"/> ELECTRICIAN <input type="checkbox"/>			
EQUIPMENT—HOSE, SHOVEL, AXE, SAND, PAIL, SAW _____ (over)			

EVACUATION

No evacuation of the civil population of St. Paul is planned prior to an enemy attack. After the disaster however the wounded and homeless will be removed from the stricken area. Emergency routes for this evacuation have been set up.

SHELTERS

An engineering survey is being conducted in St. Paul to determine what buildings would make practical bomb shelters. When the survey has been completed a list of certified buildings will be made public by St. Paul Civil Defense.

Future plans call for the construction of small public shelters at the most advantageous locations.

Those in charge of public buildings will organize their own shelter programs for the occupants of the buildings under their supervision. A complete plan has been worked out and issued in pamphlet form to all occupants of the Lowry Medical Arts Building.

BLOOD IS NEEDED NOW

The St. Paul Red Cross Regional Blood Center at 91 E. Kellogg Blvd. will need 96,000 pints of blood to fulfill its quota for this year. All patriotic citizens are urged to donate blood as often as possible. Appointments can be arranged by calling GA 4981. Blood donor hours are Mon., Thurs., 1:00 to 7:00 p.m. and Tues., Wed., Fri., 10:00 a.m. to 4:00 p.m.

RED CROSS FIRST AID COURSES

The American Red Cross has undertaken the training of civil defense workers and the General Public in first aid. St. Paul Chapter of the American Red Cross is offering the following first aid courses: Standard (with atomic supplement); Junior First Aid (for school children under 16); Advanced First Aid (for those having completed standard course), and an Instructors Class in First Aid (open to those having completed standard and advanced courses). Classes in Home Nursing, and in Nurses' Aide Training are also offered. Federal Civil Defense recommends that at least one person in each family should take a first aid course. Register today by calling GA 4981. You will be given full information and notified when the class in which you are interested will start.

DEFENSE OF THE HOME FRONT IS VITAL



Senator Hubert H. Humphrey of Minnesota

STATEMENT BY SENATOR HUBERT H. HUMPHREY FOR THE WDGY - TWIN CITIES CIVIL DEFENSE MANUAL

The American people have been fortunate. We have gone through two world wars without suffering the devastation of modern war. Our cities have not been bombed and our countryside has not been overrun with troops of an enemy.

But the isolation that protected us in the past no longer exists. If an enemy strikes at the United States -- If Russia strikes at the United States -- it will seek to destroy our production capacity as well as our will to fight. Russia has the atomic bomb. We know this, and we know that Russia has the means of delivering it. Although there is no sure way to protect ourselves from biological or atomic weapons, the effect of these weapons can be reduced by an adequate civil defense program.

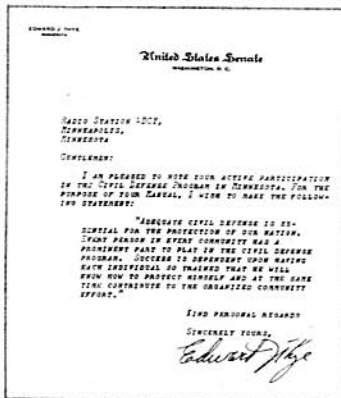
President Truman, it is reported, recently told Mayor Delaney of St. Paul that the Twin Cities may be the No. 1 target in case of an enemy attack by bombing

MINNEAPOLIS AIR DEFENSE FILTER CENTER

The Twin Cities' Air Filter Center operational personnel is made up entirely of civilian volunteers. Training and supervision are carried on by a minimum of Air Force personnel in conjunction with local civil defense authorities. The successful operation of the filter center, therefore, depends completely on those people who so graciously volunteer to help in the protection of their country from enemy air attack.

The volunteers on duty at the filter center are a part of the vast Ground Observer Corps covering the entire United States. Located at strategic places throughout Minnesota and neighboring states are many thousand volunteer aircraft spotters in the various Observation Posts. These spotters report to the filter center all aircraft activity that they may see or hear. It is with the spotter that the chain of action to identify all aircraft flying in the area begins.

The spotters from Minnesota and parts of neighboring states report any aircraft activity to the Twin Cities Air Filter Center. This information is plotted on a huge plotting board representing the geographical area covered. Filter Center "plotters" perform this duty. The information on the board is then evaluated and filtered by "filters" to determine aircraft flights or "tracks". Tracks are established when two or more spotters report the same flight, thus showing that a plane or flight of planes is flying across the area covered by the plotting board. Once a track is established, this information is relayed to Air Force radar stations by Filter Center "tellers". From this point, the flight is either positively identified, or if necessary, the Air Force dispatches fighter planes to intercept the flight and take appropriate action. Through this chain of



Senator Edward J. Thye, of Minnesota.

STATEMENT BY GOV. C. E. ANDERSON

It is my sincere belief that the Minnesota Civil Defense Plan is highly deserving of the support and cooperation of every person residing within our state. Comprehensive in scope, the plan is sufficiently flexible to meet emergencies both great and small in peace as well as in war.

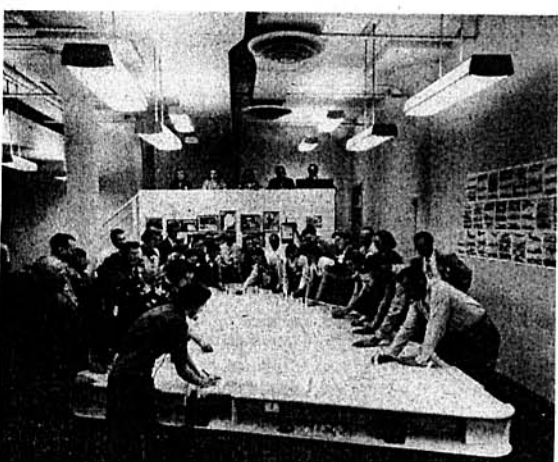
C. Elmer Anderson
Governor



action, the purpose of the Ground Observer Corps -- early warning and interception of enemy aircraft -- is realized. This is certainly a first line of defense.

Volunteers working at the Filter Center have described their work as highly interesting, intriguing, and delightfully different. The plotting table evolves into a 24-hour air show unfolding itself before their eyes.

At present the Filter Center is grossly understaffed. Recent expansion of the Filter Center area of responsibility has made it necessary to increase the number of volunteers that are needed. It is estimated that one thousand more will be necessary to successfully operate the center in case of emergency. This need can best be described as "urgent" if the Ground Observer Corp is to accomplish its mission of assisting the Air Force in preventing catastrophic destruction to homes, life, industry, and agriculture. Tomorrow may be too late -- volunteer today for this most important role of the defense of our country. The Filter Center is located in Room 427 Buzza Building, Headquarters of the Minnesota Military District, 1006 West Lake Street at Colfax and Lake Street. Volunteers may come directly to the center where training takes place every day. If you are unable to go there during the day, training classes are also conducted each weekday evening between 7:00 and 9:00 or Saturday A.M. from 10:00 to 12:00. The phone number is Fillmore 4731 and Air Force personnel are on duty at all times to answer your questions.



All attention is focused on plotting tables at Minneapolis Filter Center as possible "unfriendly flight" is displayed.

GROUND OBSERVER SYSTEM - IMPORTANT

According to Brig. Gen. Thos. C. Darcy of Ft. Snelling, at Minneapolis radar equipment plays a large part in the aircraft warning system but ground observers must plug the gaps. The English, he said, who have learned a lot about air attacks and air defense are placing great emphasis on ground observers. The people here don't seem to be aware of the need for observers as the people of Britain are. "I wish I knew how to put across the fact that its a matter of life and death," he warned. Speaking of a possible letdown in defense activities should peace be restored in Korea, he stated . . . "the situation will not justify a major let-down."



Civilian volunteer Marjorie Hocking is "checked out" on overlap plotting by Captain Arthur W. Masterson (left), Commanding Officer, and Captain Paul J. Gadbois, Operations and Training Officer (right) at the Minneapolis Filter Center.