

SEATTLE

CIVIL DEFENSE MANUAL

Compiled exclusively for residents
of the
PUGET SOUND COUNTRY

Including
"THE

**ATOM
BOMB**

AND YOUR
SURVIVAL"

CONTENTS

Atomic Protection Manual
Seattle Defense Information
Subversive Organizations in
the United States
Station Personnel, Facilities and
Program Photos

Sponsored
by Radio Station

KVI
SEATTLE

Mutual — Don Lee
Broadcasting
System

AND PUBLIC SPIRITED BUSINESS FIRMS IN THIS AREA
IN THE INTEREST OF CIVIL DEFENSE

THE SEATTLE AREA PREP

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

MILLARD CALDWELL WARNS OF ATOMIC ATTACK DANGER

Speaking to the American Society of Newspaper Editors recently, Federal Civil Defense Administrator Caldwell cited 4 reasons why these are the gravest days of our history.

1. The Russians have atomic bombs and planes in sufficient numbers and excellent to assault ALL of our major cities in one attack.
2. There is little or nothing we can do to stop them. The best to be expected is that some 10 percent of the attacking force may be downed or deflected.
3. That attack can come with little or no warning. The best we can hope for is a few minutes notice.
4. The Russians are capable and ready to deliver this destruction whenever they feel like it -- whenever it is most profitable to do so.

An excerpt from,
UNITED STATES CIVIL DEFENSE

BECAUSE of developments in this air-atomic age, the United States can no longer be free from the danger of a sudden devastating attack against the homeland.

The greatest deterrent to such attack is the knowledge on the part of a would-be aggressor that we have the power to destroy him by retaliatory action.

Since there can be no absolute military defense, an effective civil defense is vital to the future security of the United States because it might provide the means whereby this country, if suddenly attacked heavily and without warning could get up off the floor to fight back.

An enemy attack would presumably be aimed at the great metropolitan areas, at the cities and towns, at the country's most critical targets.

Such an attack would be against all the people of the United States, and therefore defense against it must require the coordinated effort of the whole Nation.

It is expected that such an attack would be partially successful. Whether it would succeed in destroying America's productive power would depend in the main on the organization and functional efficiency of the countries civil defense.



MAYOR'S OFFICE

F. DEVIN
MAYOR

SEATTLE 4

PRESIDENT
AMERICAN MUNICIPAL ASSOCIATION

June 5, 1951

STATEMENT FOR KVI BROCHURE ON CIVIL DEFENSE

I hope every citizen of Seattle will have the opportunity to read KVI's Defense Manual.

The atomic age is here and our enemies are utterly ruthless. To fail to take the necessary steps to protect ourselves is suicidal.

Here in Seattle we are pledged to organize so well that no surprise can paralyze us; no attack can disorganize us; no terror weapon can panic us.

To this end I ask every citizen of Seattle to:
(1) learn the essential steps for self-protection; (2) enroll as a Civil Defense volunteer.

This is the greatest challenge a free society ever faced, for the things we must do involve very real sacrifices from all of us.

F. Devin
MAYOR



SEATTLE CIVIL DEFENSE CORPS

721-7TH AVENUE
SEATTLE 4, WASHINGTON
ELIOT 5720

- CIVIL DEFENSE BOARD
MAYOR WM. F. DEVIN, Director
E. C. DINGWALL, Asst. Director
HENRY B. BERG, Coordinator
GEO. D. EASTMAN, Chief, Police Corps
WM. FITZGERALD, Chief, Fire Corps
DR. WAYNE SIMS, Chief, Medical Corps
RALPH L. GARRETT, Chief, Welfare Corps
RALPH FINKE, Chief, Engineering Corps
ROY W. MORSE, Chief, Utilities Corps
LYMAN W. THOMAS, Chief, Warden Corps
CLARENCE MASSART, City Council

May 31, 1951

Statement for K.V.I. Brochure on Civil Defense.

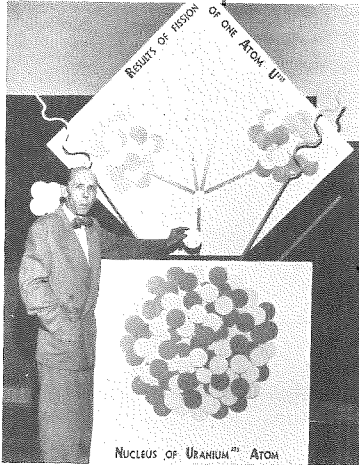
Civil Defense under our Democracy starts with the individual citizen. Unless the individual citizen is willing to assume initiative and responsibility to the degree of informing himself of the fundamentals of survival in this New Atomic Age, it will not be possible to develop an adequate Civil Defense.

Therefore, it is imperative that we all become interested and devote some of our spare time to the study of authentic publications on the subject; that we as individuals know what to do in an emergency; that we take First Aid Training so we can help ourselves and our neighbors under disaster conditions and finally that we all participate as volunteer members of the Civil Defense Corps in our community.

In this Atomic Age it just is not possible to delegate our individual responsibilities to George. George may not be here to take care of the situation. Our Civil Defense Corps literally constitutes a collective insurance policy to minimize the dangers that came into being with this new age. We cannot buy this kind of insurance. The only way we can achieve it is to work together as a team in a spirit of good neighbors and citizens.

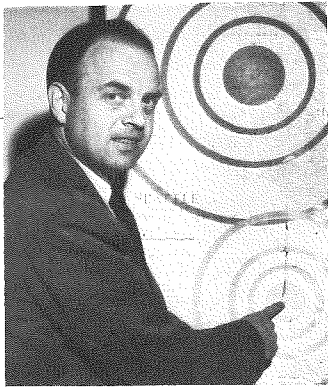
May I urge that you read and study this brochure carefully. Radio Station KVI is rendering a splendid public service in making this publication available to the citizens of this area.

Henry B. Berg
Henry B. Berg
Civil Defense Coordinator
City of Seattle



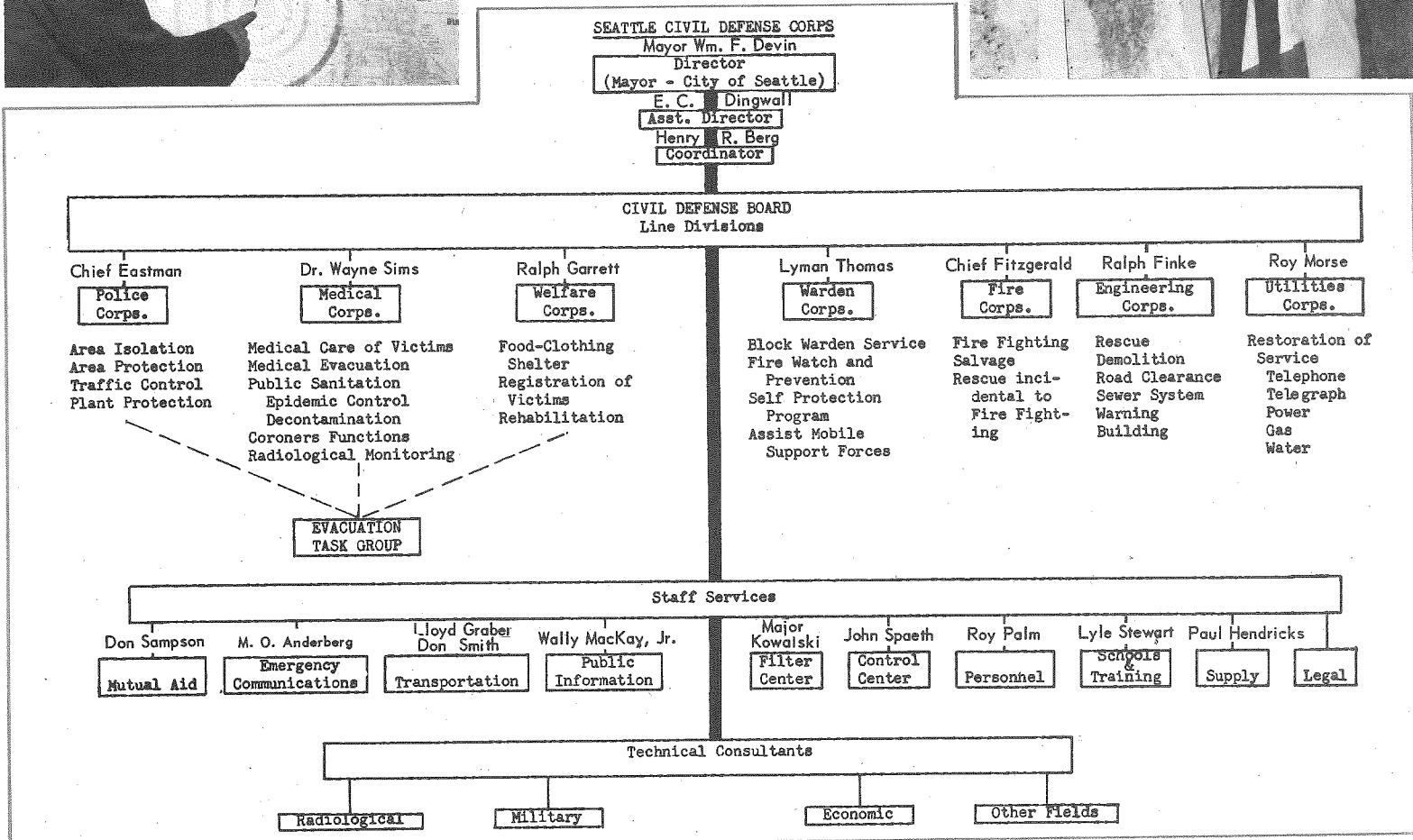
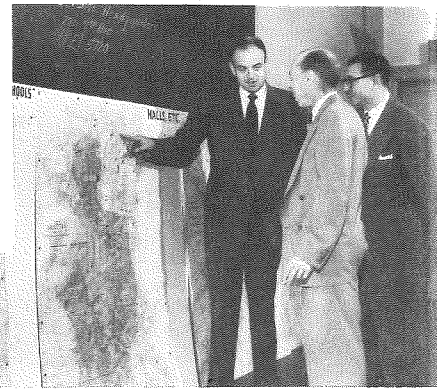
(Left) Seattle Civil Defense Corps. Coordinator Henry Berg illustrates a phase in nuclear fission, with one in a series of graphic models designed for classroom use.

AREAS FOR ATOMIC ATTACK



(Left) E. C. Dingwall, Ass't Director of the Seattle Civil Defense Corps, points out on a Seattle map just where the underwater atomic bomb burst took place, according to a theoretical bombing problem worked out here in a Government "Critique."

(Right) A lot of detail work is necessary to permit a properly functioning civil defense organization. E. C. Dingwall (left) and Henry Berg (center) explain one of the dozens of detailed maps in Seattle Civil Headquarters to a visitor.

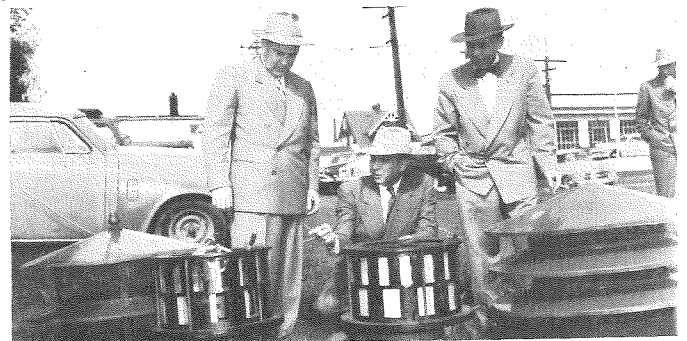


MAIN CIVIL DEFENSE OFFICES IN AREA

LOCATION	IN CHARGE	ADDRESS	TELEPHONE
SEATTLE City Office	Henry R. Berg	721 - 7th Ave. (7th & Columbia)	ELiot 5720 MAin 6000 Ext. 689
SEATTLE King County Office	Col. Wm. D. Frazer	326 County City Bldg.	MAin 5900 Ext. 494
TACOMA City Office	Frank S. Evans	948 South Grant	BRoadway 8451
TACOMA Pierce County Office	Gus K. Partridge	Pierce County Courthouse (Room 206)	MAin 7121 Ext. 20
BREMERTON & KITSAP CO.	Commander Harry R. Hubbard	County Administration Bldg., Port Orchard	Pt. Orch. 65111 Brem. 34346
BELLINGHAM & WHATCOM County	Harry S. Jenkins	1212 Cornwall Ave.	5200
EVERETT & SNOHOMISH County	George A. Tozer	Snohomish County Courthouse	Bayview 2468
OLYMPIA & THURSTON County	Carlton I. Sears	2412 Columbia St.	4265

AIR RAID WARNING SIRENS

Air raid warning sirens that were held over from World War II have been installed in Seattle and these are now in operating condition. This initial installation covers approximately 75 percent of the city area. Equipment for the completion of the city installation is on order.



(L. to R.) Seattle Mayor Devin, City Engineer Ralph Finke, and Civil Defense Coordinator Henry R. Berg, inspect 5 hp-air raid sirens before they were mounted.

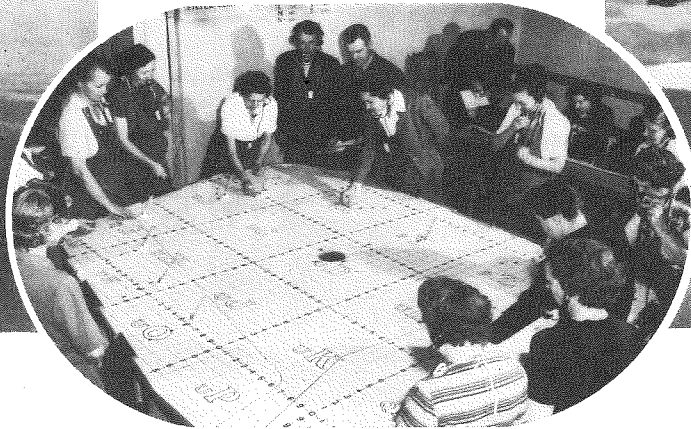
CIVIL DEFENSE PROVIDES MAXIMUM

F-94 jet fighters from McChord Air Force Base, Tacoma, play an important part in the defense of this area against enemy attack.



(Tacoma News Tribune Photo)

SEATTLE AIR DEFENSE FILTER CENTER



Navy "Corsair" fighters from the Naval Air Reserve Training Unit, at Sand Point.



(Official U.S. Navy Photograph)

One of the most essential services in our country, and absolutely vital in the Pacific Northwest, is the Aircraft Warning Service. Upon it depends in no small part, the defense of this country against air attack. It is operated by military personnel and thousands of volunteers. Defense against enemy attack in the northwest begins with the warning network. This is the vast system of radar stations - and of civilian observation posts in this region that swiftly reports all planes over commercial telephone lines to the Seattle Air Force Filter Center. There the reports are evaluated, and these "filtered" reports are passed on to Air Defense Fighter Intercept Stations. Here, the course of the approaching aircraft is plotted on a large map. Here also, a Controller, from the information he sees on the map, takes

All aircraft in this area are plotted on this plotting board at the Seattle Air Defense Filter Center. After "evaluation" this vital data is relayed to the Air Force by Filter Center "tellers."

appropriate measures to meet the situation. He orders the necessary fighter planes into the air and gives them the course to follow to intercept the enemy, and if necessary, calls into action anti-aircraft batteries.

A total of 2000 civilian volunteers, men and women between the ages of 20 and 50, are URGENTLY NEEDED for work at the Seattle Filter Center, which is the core of

our defense against enemy attack. Training takes only 2 hours one day a week. Classes are held at 11:00 a.m. to 1:00, 2:20 to 4:30 and from 7:00 to 9:00 p.m. After basic training you will be needed only two hours every week unless an emergency occurs. Call Seattle Filter Center, ELiott 3535, between 9 a.m. and 9 p.m. Mon. through Fri. for additional information. Headquarters: Room 210, Second Ave. & Cherry Bldg.

VOLUNTEERS FOR SEATTLE CIVIL DEFENSE CORPS URGENTLY NEEDED

The Seattle Civil Defense Corps., organized for your protection, urgently needs many types of civilian volunteers, including auxiliary police, and police reserves for the Police Corps.; medical evacuation personnel, doctors, dentists, nurses, osteopaths and pharmacists for its Medical Corps.; volunteer auxiliary firemen for the Fire Corps.; radio amateurs, "hams", for Emergency Communications, and truck, and bus drivers etc. for the Transportation Corps. Application blanks of any of these volunteer services are available at the Seattle Civil Defense Corps. Office at 721-7th Ave. Further information can be obtained by calling ELiott 5720. Thousands of volunteers will be needed. It is your responsibility, but at the same time should be considered a privilege to aid in this vital defense work. Sign up today.

WARDENS

About 17,000 block wardens, the "eyes and ears of Civil Defense," will eventually be required for Seattle. The duties of the block wardens will be three-fold, namely: for fire watch and prevention; for the self protection program, and to assist the Mobile Support Forces. The Zone, and District organizations of the Civil Defense Warden Service, are already organized (correspond to the elementary and high school districts) in Seattle, and a block warden organization will be set up in the near future.

RADIO, AND CIVIL DEFENSE

Radio and television facilities are being utilized extensively for the dissemination of authentic civil defense information to residents of this area.

In the event of an emergency, when other means of communications are disrupted, radio broadcasting from out of town transmitters play an important role in the dissemination of vital information, and instructions, to the public.

SEATTLE SCHOOLS AND CIVIL DEFENSE

Responsibility for civil defense in schools is a primary responsibility of the Seattle School District, however, they are an integral part of the Seattle Defense Corps. The School System has set up a Civil Defense Committee with L. Stewart as its Director.

Shelter stations have been designated in all public schools, and instructions for using them in case of an emergency have been given all pupils. Actual drills are being conducted periodically.

Under the sponsorship and direction of the P.T.A., small stainless steel identification tags, bearing name and address, have been distributed to 44,500 pupils of the Seattle elementary schools.

First Aid Stations have also been established in all public school structures which will be manned by trained school personnel. Approximately 2000 Seattle Public School teachers have completed the standard first aid course and of these almost 500 have qualified as instructors.

YOU CAN HELP BY OFFERING YOUR SER

PROTECTION ON THE HOME FRONT

THE AMERICAN RED CROSS AND CIVIL DEFENSE

Under a directive of the NSRB the American National Red Cross was given the responsibility for: coordinating a nationwide blood program under the Civil Defense Plan; providing first aid training for all Civil Defense officials and volunteer

workers; providing Home Nursing training; training Nurse's Aides; and training leaders and developing plans to assist Civilian Defense authorities in the provision of food, clothing and shelter during an emergency.

RED CROSS COURSES

The Seattle-King County Chapter of the American Red Cross in assisting Civil Defense preparedness, offers the following First Aid Courses.

Standard First Aid (including supplementary atomic information), an approximate 20 hour course for adults over 16 years.

Junior First Aid . . . for Junior High and High School students under 16 (approximately 22,000 students had enrolled in the Junior and Standard first aid courses by June, 1951).

Advanced First Aid . . . open to those who have completed the Standard Course.

First Aid Instructor . . . open to those who have completed Standard and Advanced courses.

Those wishing to enroll in any of the above courses can do so by calling Red Cross at ELiot 2800.



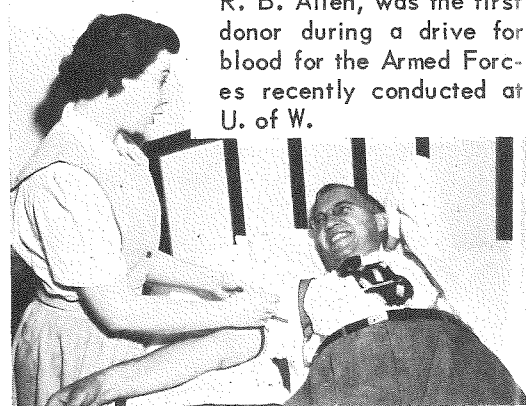
(Left)

Preparatory to giving Red Cross first aid training to Junior and Senior High School students in King County, especially selected teachers were trained as Red Cross first aid instructors. Pictured is one of these instructor classes being given a demonstration of artificial respiration, under the watchful eye of Elmer Holstrom, Red Cross safety services director (left).

BLOOD DONATIONS

The King County Central Blood Bank, Seattle, in cooperation with the American Red Cross, is furnishing blood and plasma to our armed forces. The American Red Cross locally is also preparing for the day when it may be called upon to supply wholesale quantities of blood and plasma to disaster victims should an emergency arise in this area. Blood donors are urgently needed to fill the monthly blood for the armed forces quota set for this area by the military. Any male resident (18 to 60) or female (21 to 60) in normal health may safely give blood. To make an appointment for a blood donation call Red Cross at ELiot 2800. The Blood Banks donation hours are Mon/ Thurs 1:00 to 8:00 p.m. and Tues/Wed/Fri Sat. 9:00 a.m. to 4:30 p.m.

Univ. of Wash. Pres. Dr. R. B. Allen, was the first donor during a drive for blood for the Armed Forces recently conducted at U. of W.



FIVE KEYS TO HOUSEHOLD SAFETY

1. STRIVE FOR "FIREPROOF HOUSEKEEPING"

Don't let trash pile up, and keep waste paper in covered containers. When an alert sounds, do all you can to eliminate sparks by shutting off the oil burner and covering all open flames.

2. KNOW YOUR OWN HOME

Know which is the safest part of your cellar, learn how to turn off your oil burner and what to do about utilities.

3. HAVE EMERGENCY EQUIPMENT AND SUPPLIES HANDY

Always have a good flashlight, a radio, first-aid equipment and a supply of canned goods in the house.

4. CLOSE ALL WINDOWS AND DOORS AND DRAW THE BLINDS

If you have time when an alert sounds, close the house up tight in order to keep out fire sparks and radioactive dusts and to lessen the chances of being cut by flying glass. Keep the house closed until all danger is past.

5. USE THE TELEPHONE ONLY FOR TRUE EMERGENCIES

Do not use the phone unless absolutely necessary. Leave the lines open for real emergency traffic.

SIX SURVIVAL SECRETS FOR ATOMIC ATTACKS

ALWAYS PUT FIRST THINGS FIRST AND NEVER LOSE YOUR HEAD AND

1. TRY TO GET SHIELDED

If you have time, get down in a basement or subway. Should you unexpectedly be caught out-of-doors, seek shelter alongside a building, or jump in any handy ditch or gutter.

2. DROP FLAT ON GROUND OR FLOOR

To keep from being tossed about and to lessen the chances of being struck by falling and flying objects, flatten out at the base of a wall, or at the bottom of a bank.

3. BURY YOUR FACE IN YOUR ARMS

When you drop flat, hide your eyes in the crook of your elbow. That will protect your face from flash burns, prevent temporary blindness and keep flying objects out of your eyes.

4. DON'T RUSH OUTSIDE RIGHT AFTER A BOMBING

After an air burst, wait a few minutes then go help to fight fires. After other kinds of bursts wait at least 1 hour to give lingering radiation some chance to die down.

5. DON'T TAKE CHANCES WITH FOOD OR WATER IN OPEN CONTAINERS

To prevent radioactive poisoning or disease, select your food and water with care. When there is reason to believe they may be contaminated, stick to canned and bottled things if possible.

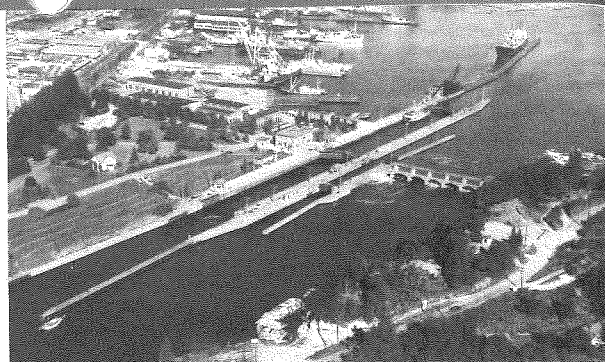
6. DON'T START RUMORS

In the confusion that follows a bombing, a single rumor might touch off a panic that could cost your life.

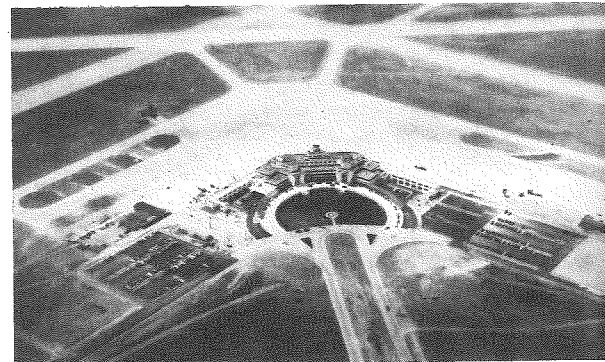
"ATOM BOMBS COULD



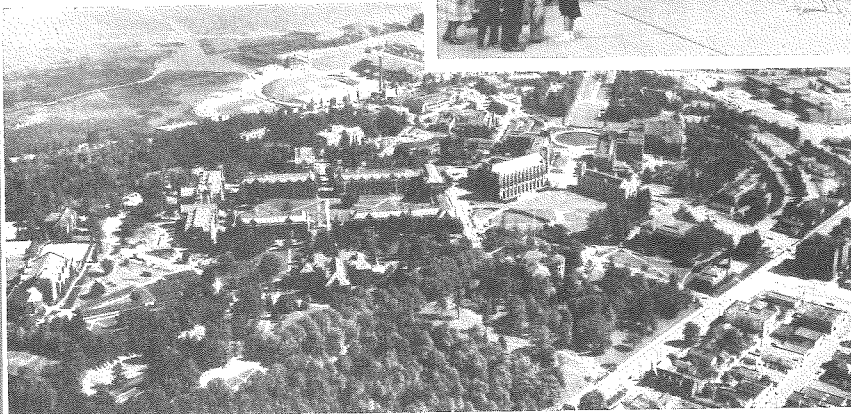
Looking up Seattle's busy Second Avenue toward the Queen Anne residential district.



Seattle's Lake Washington Ship Canal, and vitally important Government locks, the larger of which is second in size only to those of the Panama Canal.



The Seattle-Tacoma Int. Airport, one of the most beautiful and modern airports in the country, offers travel and cargo services to all parts of the world. To the left is the huge, luxurious terminal building.



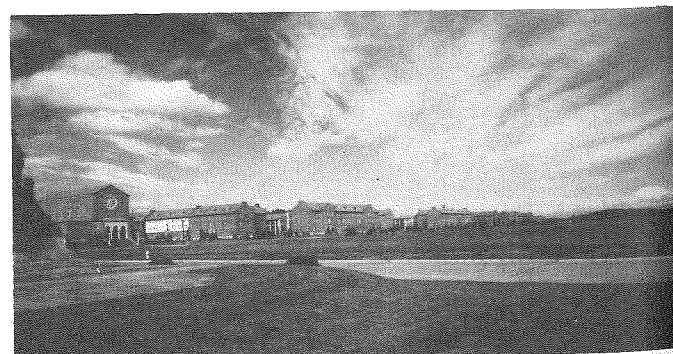
An aerial view of the scenic 600 acre campus of the University Washington, whose annual enrollment is approximately 16,500.



The new Tacoma Narrows Bridge across Puget Sound, connecting Tacoma with the Olympic Peninsula.

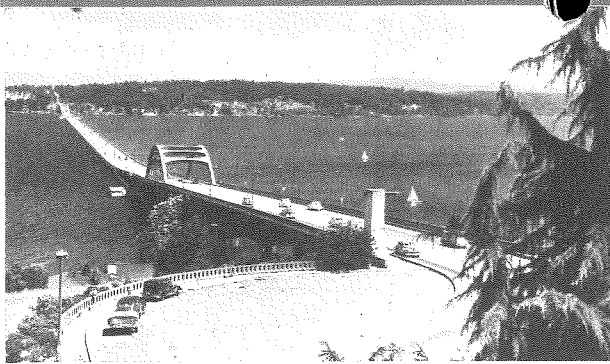


Tacoma, the City of Destiny, and gateway to Mt. Rainier National Park.

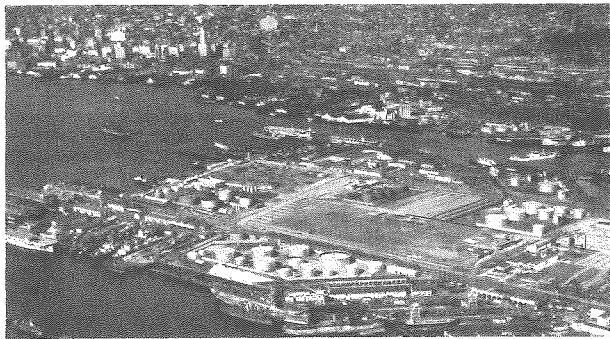


Fort Lewis parade ground. Fort Lewis, near Tacoma, is one of the largest and most important military installations in the U.S.

DESTROY THESE" . . .



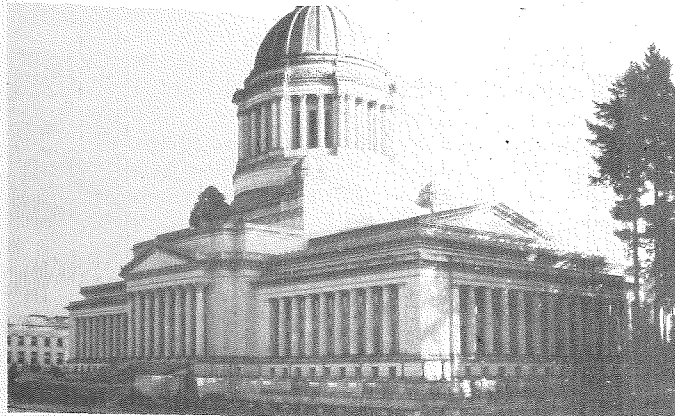
Famous Lake Washington Floating Bridge, the World's longest floating span, on U. S. Highway No. 10 is a colorful entry to downtown Seattle.



Bustling Harbor Island where ships of the seven seas ply their way from salt water to the Duwamish River. Size of the Island may be indicated by the four U.S. Navy Aircraft Carriers and numerous ocean going freighters shown. Seattle's business district may be seen in the background. (Graphic Photo Company Photo)



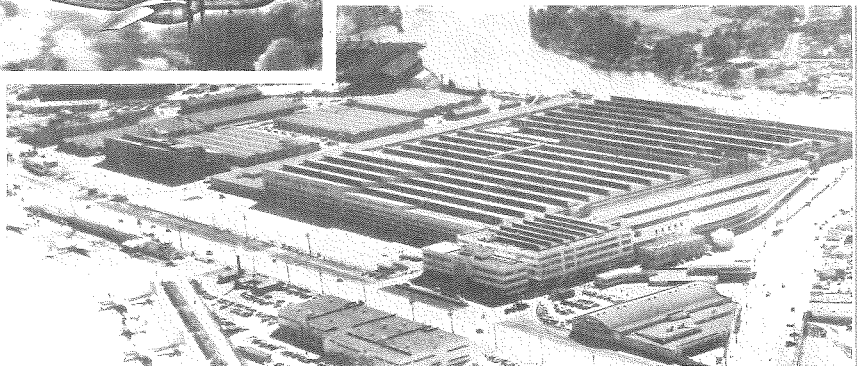
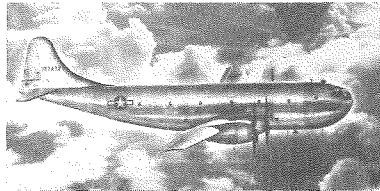
Air view of Everett Wash., showing extensive dock installations.



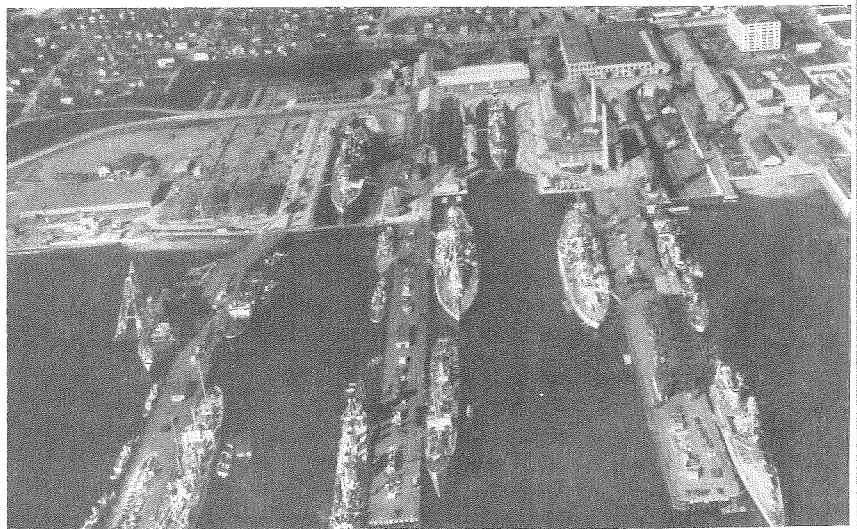
The massive, and impressive Legislative Building of the State of Washington, dominates the Capital City of Olympia.



Seattle, Queen City of the Pacific Northwest, a vitally strategic shipping and transportation center, the gateway to Alaska and the nearest American port to the troubled orient. Beautiful Mt. Maker may be seen in the background. (photo by Laidlaw)



Plant No. 2, of the Boeing Airplane Company, Seattle. Boeing is one of the world's largest manufacturer's of commercial and military aircraft. Shown in the inset is the Boeing C-97, transport brother of the B-29, made in Boeing's Renton Plant.



The Puget Sound Naval Shipyard, at Bremerton, has 5 drydocks, including two of the largest in the country. Four destroyers can be built here at one time. (Seattle Cham. of Com. Photo).