

Civic Group Begins Planning Civil Defence For Edmonton

W. I. H. W. L. E. G. I. S.
- CIVIL DEFENCE
(EDMONTON & ALTA)

A group of Edmontonians Wednesday began building an organization they "pray we will never have cause to need." It was the city's civil defence committee.

While the world situation looked "a bit brighter" to Mayor Parsons, chairman of the civil defence committee, he stressed that the city must be prepared against any eventuality. Other members of the committee are Aldermen Clarke, Hanna and Hawrelak, and Commissioners Hodgson and Menzies.

Mayor Parsons saw "rapid evacuation" of Edmonton's citizens as the keynote in defence of civilians. He said if "the worst ever comes here, Edmonton probably will get less than three hours notice of air attack."

The mayor asked citizens not to "panic" because the committee is becoming active, but to realize that "preparedness always is a good plan."

The Edmonton committee will work in co-operation with dominion-provincial civil defence organizations and plans.

For a starter, the Edmonton committee began to study all available data and literature on civil defence, atomic warfare and measures of protecting citizens against its results.

"We don't want to get out of step with the province or the dominion on this," said the mayor, "but it does seem we might require an organization to deal with rapid evacuation of Edmonton citizens. This entails organization of evacuee centres down to the smallest detail, organization of citizens into groups, organization of police and fire auxiliaries and hospital evacuation units, along with transportation outside any likely attack areas."

Safety Officer Hugh Davidson already is in Camp Borden, Ont., taking the first dominion-provincial training course in civil defence and methods of combatting the results of possible atomic attack. Edmonton's second such representative will leave shortly to take the Camp Borden course. These officials in turn will train required Edmonton personnel.

Civil Defence Co-Ordinator To Be Chosen For Alberta

Alberta's civil defence plans will be in working order within the next month, Hon. C. E. Gerhart, civil defence minister in the provincial cabinet, announced Thursday after a meeting with Maj.-Gen. F. F. Worthington, Canadian civil defence co-ordinator.

Gen. Worthington met Tuesday with Mr. Gerhart and other members of the cabinet to complete plans for the province's civil defence scheme.

Mr. Gerhart will head the scheme in the province and will appoint a general co-ordinator as his right hand man. Lt.-Col. E. "Ted" Brown, chairman of the veterans welfare commission for the Alberta government, will be in charge of civil service mechanics of the scheme.

A committee comprised of about 12 persons from all parts of the province is included in the plan.

Mr. Gerhart said there will be no delay in naming a general co-ordinator and in calling meetings with representatives of the cities. He planned to meet Mayor Parsons on Thursday.

Fire departments, Girl Guides, Boy Scouts, Red Cross, St. John's Ambulance and various other organizations will play an important part in the province's defence program. The minister said training for the various heads of the Alberta plan would be supplied by a select group of men who have been taking special training on defence in Britain and will be returning to Canada soon.

Mr. Gerhart also said there was a possibility that Alberta and perhaps B.C. and Saskatchewan would link up their defence plans with several western states. He said he had not received any definite information on a plan of this sort.

Gen. Worthington told the Alberta ministers he will be returning here in about a month to see what progress has been made on the plans formulated.

Edmonton's representatives are Mayor Parsons, Ald. Hanna and Ald. Hawrelak.

Gen. Worthington has recommended an immediate survey be made of population densities in Alberta and an appraisal of fire and storm hazards, civilian resources including machinery, drugs, stock piles. He urged decentralization of hospital facilities.

A meeting will be called soon with representatives of Calgary, Lethbridge and Medicine Hat.

New legislation will be required for the defence plans, according to Mr. Gerhart, and will be presented at the next session.

Co-operation of the Legion, Red Cross, Boy Scouts, Girl Guides, St. John's Ambulance Association and other organizations will be sought.



G. R. HOWSAM

Name Co-Ordinator For Civil Defence

George R. Howsam, former air vice marshal, has been named chief co-ordinator for Alberta civil defence plans, Hon. C. E. Gerhart, provincial secretary, announced Friday.

The minister's announcement came after a two-day meeting of provincial and city officials with Gen. F. F. Worthington, dominion co-ordinator of defence.

Mr. Howsam will retain his job as manager of the Edmonton branch of a brewery, devoting "whatever time necessary" to the defence plans, according to Mr. Gerhart. His work as defence co-ordinator is on a voluntary basis.

The cabinet committee for the scheme will include Premier Manning, Hon. Dr. W. W. Cross, minister of health and public welfare, and Mr. Gerhart, who will be the responsible minister.

There will be an advisory committee including Mr. Howsam, Gen. Worthington, Air Vice Marshal C. R. Dunlap, air officer commanding North West Air Command, Maj. Gen. M. H. S. Penhale, general officer commanding western army command, and Assistant Commissioner Samuel Bullard of the R.C.M.P.

No persons working under the defence plan will be employed at present on a full-time basis, according to Mr. Gerhart.

Col. E. "Ted" Brown, head of the veterans' welfare commission for the provincial government, is deputy co-ordinator.

Want Co-Ordinator Defence For City

Edmonton should appoint a full-time civil defence co-ordinator for the city, Mayor Parsons stated Friday. He said he would make this recommendation to city council, following day-long talks Thursday with Gen. F. F. Worthington, dominion civil defence co-ordinator.

The mayor said if his recommendation was approved by council, the Edmonton civil defence co-ordinator would co-operate with provincial and dominion government civil defence heads.

Defence Meeting Planned For City

First general meeting of Alberta's civil defence organization will be held Friday or Saturday at the legislative buildings, Hon. C. E. Gerhart, provincial secretary, announced Tuesday.

Attending will be George R. Howsam, chief co-ordinator of civil defence and regional commanding officers of the air force, army and R.C.M.P. Premier Manning, Hon. Dr. W. W. Cross, minister of health and public welfare, and Mr. Gerhart also will be present.

Mr. Gerhart, cabinet chairman of the defence plan, also said Tuesday another meeting will be held Dec. 2 or 3 at Calgary, and will be attended by Mr. Howsam, E. "Ted" Brown, deputy co-ordinator, and representatives of Calgary, Lethbridge and Medicine Hat.

Maj.-Gen. F. F. Worthington, Canadian co-ordinator of defence, probably will attend the south meeting.

IS AN INTERRUPTING SOMETHIN' IMPORTANT? NOT AT ALL! IT'S MERELY MAH WEDDING EF YO' HADN'T OF SPOKE UP! OF LOST

Start will be made immediately, following conferences with Maj.-Gen. F. F. Worthington, co-ordinator of civil defence for the federal government, to complete the organization for all Alberta. Hon. C. E. Gerhart, minister of municipal affairs, said Wednesday.

The plans will call for the establishment of reception areas and mutual aid.

Mr. Gerhart will leave Thursday for Calgary, accompanied by George R. Howsam, former air vice-marshal and now provincial co-ordinator of civil defence, and E. Brown, deputy co-ordinator, for the conference Friday with Gen. Worthington. This conference will be attended by representatives from Calgary, Lethbridge and Medicine Hat.

(over)

Edmonton Not Good Target For Enemy Atom Bomb Raid

Edmonton is not a very good target for the atomic bomb, said Maj.-Gen. F. F. Worthington, federal civil defence co-ordinator, in an address to United Services Institute members, Monday in Prince of Wales Armories. Low-lying, well-dispersed plan of most western Canadian cities tended to make them unprofitable targets for expensive atomic bombs, which were most effective in heavily-built-up, closely-packed cities with narrow streets.

"We don't anticipate that Canada will be a prime target though in event of war some points possibly will be attacked," he suggested. With reference to the atomic bomb, Gen. Worthington stated that civil defence authorities did not anticipate that the enemy would have a great many atomic bombs, and thus would not "throw them around."

Canadian civil defence plans have however, been based on the atomic bomb, Gen. Worthington said but suggested that bombing with high explosives and incendiary bombs were more likely. "Saturation raids are not likely because of the long range," he believed.

A possible underwater release of an atomic bomb in a Canadian seaport would make such a port unusable for a long time, he stated.

System Of Raid Warnings

Air raid warning scheme now under preparation would give one-hour warning to certain key personnel with a red warning marked by sirens sounding the general warning five minutes in advance of an attack. This last warning would enable a great mass of people to get under cover where they would be relatively safe, Gen. Worthington said.

"Planning is very important at this stage" he continued, "and it is important to get the right men and women into key positions." Women are going to play a big part in our civil defence organization.

"In the event of war, our fighting services must go about their business and should not be concerned with civil defence," he said. "We have a habit in this country of leaning on the armed forces in times of disaster." Gen. Worthington cited the role the forces had played in the Fraser and Red River floods and at the Rimouski fire. There was no other organization to cope so well with disasters, he suggested.

Utilize Older Men

Gen. Worthington suggested that Alberta had one of the best civil defence organizations in the dominion but stressed the need of men who could contribute experience and the ability to train and organize, to the civil defence system. Older members of military organizations would be admirable for the purpose, he said.

Resources Survey In Defence Scheme

Steps toward making a complete appraisal of all resources in Alberta, as a move to co-ordinate these resources in a case of emergency, were taken Tuesday as all provincial deputy ministers and branch heads met to discuss civil defence plans.

The meeting, closed to the press, followed meetings Monday between Maj.-Gen. Worthington, co-ordinator of civil defence for the department of national defence, and provincial officials.

Hon. C. E. Gerhart, minister of municipal affairs, said following the Tuesday meetings, that deputy ministers and others forming the committee which will conduct the survey, are ready to commence work immediately.

It is believed that E. "Ted" Brown, provincial government co-ordinator for civil defence, will head the survey.

Legion Promises Aid Civil Defence

The city was offered the co-operation of the Canadian Legion in civil defence plans Tuesday. The offer was made on behalf of the Legion to Acting Mayor Hawrelak by George Gleave, president of the provincial command of the Legion, and E. B. Wilson, representing the Kingsway Legion branch. J. C. Jefferson, Edmonton's civil defence controller as of Monday, was present.

Mr. Hawrelak termed the Legion's offer "very valuable." He said, "They have branches in all outlying communities. We will need reception areas where evacuees might be taken. This is a very valuable contribution."

Shortly after this brief meeting, Mr. Hawrelak and Mr. Jefferson met with Hugh Davidson, deputy controller of civil defence for the city, to initiate plans for the city's civil defence activities.

One problem facing any civil defence organization, especially in western Canada with its sub-zero winter temperatures, would be the climatic hazard of frostbite. An air raid, which knocked out gas lines, would produce severe hardship, especially at 40 degree below zero temperatures he said.

In conclusion, Gen. Worthington said it was the job of the civil defence organization to educate people and tell them what to do to organize defence within the framework of civil government.

Outlines Atomic Bomb Defence

In the event of an atomic bomb being dropped, casualties can be reduced by as much as 70 per cent by taking normal precautions, Maj.-Gen. F. F. Worthington, C. B., M.C., told members of the Women's Canadian Club on Monday afternoon at the Macdonald.

"The basic principle in civil defence is not a central organization, but the extension of volunteer organizations built around those that already exist across Canada," said the General, speaking on "Civil Defence."

In Canada, with the exception of the seaports, air bombardment would be the likely form of attack when high explosives, incendiaries, the atomic bomb, and biological and chemical warfare might be used by the enemy.

In the event of an atomic bomb, but here Gen. Worthington reminded anxious mothers of Churchill's simile that an atomic bomb is equal in expense to a battleship, an airburst at 2,000 feet would be more likely than an underwater burst or groundburst.

Six effects from such a bomb were cited: Shock wave, fragmentation, intense heat wave, radiation and panic and fire, the latter the greatest danger.

The casualties and burns from the first three effects are great only if exposed and the three seconds of grace between the first shock and radiation is time to hike for shelter.

"The medical side must be well organized to meet large numbers of casualties," said Gen. Worthington, stressing that hospital inadequacy must be met and men must be trained for rescue operations.

"Panic is a disease which will come among the best of people," the speaker continued, but this, too can be controlled by training the people and an effective police force.

"But how are we going to stand fire attack from incendiaries?" asked Canada's co-ordinator of civil defence in a tone less confident.

"We are prone to fire in Canada," he explained. "Our homes are built of inflammable material and we have a dry climate. We are hopelessly inadequate for a fire storm and the fact is we are only 50 percent prepared for peaceful requirements."

The general regretted that there is no standardization of fighting equipment in any province and not more than one percent of the people have any idea of fire prevention. Few homes have individual fire equipment and there is much inflammable debris, such as old newspapers, kept around home.

Swamped

Full time civil defence co-ordinator and deputy for Edmonton were appointed Monday night by city council acting on recommendations from its civil defence committee.

Brig. J. C. "Jeff" Jefferson, well-known Edmonton businessman and former officer commanding the Loyal Edmonton Regiment overseas, was appointed co-ordinator.

His deputy will be Hugh Davidson, present city safety officer. Mr. Davidson, who has been with the city about three years, recently attended the special civil defence training school at Camp Borden and is a member of city council's defence committee.

Brig. Jefferson, a senior officer with Northwestern Utilities, will be on loan to the city. Acting Mayor Hawrelak stated. His appointment will be on a "\$1-a-year basis."

New job of the man who was responsible for getting the first Canadian troops across the Seine and winner of the D.S.O. and bar, Croix de Guerre and C.B.E. will be to control and co-ordinate all civil defence matters.

Of the appointment Acting Mayor Hawrelak said it is "gratifying to have the services of a man of the calibre of Brig. Jefferson

donated to the city." He also stated that the city will be asking voluntary aid in the future from industries and other groups in organizing civil defence in Edmonton. "We must be prepared to defend the city and its people," he said.

To meet a "fire storm," General Worthington would like to see the standardization of fire equipment, an increase in services and education of the public.

"No one city, if attacked, will be able to defend itself," said the general explaining that Canada has been divided up into three areas: target areas, because of industry or dense population; cushion areas of cities and towns which surround the target area up to 100 miles; and finally, the reception area, to receive refugees and casualties.

Red Deer, for instance, is in Edmonton's cushion area to provide aid and receive the first influx of refugees. Lethbridge, Medicine Hat and the province of Saskatchewan would be the reception area.

"We must get the key men and women together now as the backbone of civil defence to carry out the instructions from those leaders who are now being trained by the federal government in United Kingdom civil defence schools."

Mrs. T. H. Field introduced the speaker and Mrs. A. Fraser Duncan moved a vote of thanks.

Civil Defence Training School

Soon Ready, Says Worthington

DEC 5 1950
A civil defence training school for Canada will be set up "very shortly," Maj.-Gen. F. F. Worthington, federal civil defence co-ordinator, stated at a joint meeting of the Men's Canadian Club and the Kiwanis Club Monday at the Macdonald.

Several men from Canada are being trained in civil defence matters in England, he said, and explained that that country is best equipped for such training.

Stating that responsibility of good citizenship must be accepted, Gen. Worthington said, "Citizenship arises in democracy and does not exist otherwise. Democratic government is nothing more than the top-layer expression of something that must be deeply imbedded in people's minds—voluntary association for the good of all."

This, he added, is the essence of civil defence in Canada.

Extend Functions

It is not the purpose of the civil defence organization to take from existing government departments services for which they are set up, but to extend their functions, Gen. Worthington said.

He stressed the importance of being prepared for two types of disaster, natural and man-made, and to determine ahead of time what to expect. He said it is feasible to determine points liable to tornadoes, earthquakes, blizzards and flooding.

"Except for the seaports, it is reasonable to assume that any major attack on a Canadian city will be only from air bombardment," Gen. Worthington said. "In view of the fact that a potential enemy may be equipped with the atomic weapons, it is well to plan accordingly. The major plan would meet a lesser disaster with relative ease," he continued.

He enumerated four main effects of an atomic blast, which occurs when the bomb is set to burst about 2,000 feet above the ground. First is a tremendous shock wave, which creates great destruction of property. This results in flying debris and fragments. An intense

heat wave is also set up which he said, would burn inflammable material within a considerable radius.

The fourth effect, radiation of the gamma ray type, is the one least worried about, the general stated. "It is hoped," he said, "that no person will be so foolish as to stand exposed to the effects of an atomic bomb."

Need Fire Equipment

He explained the functions of various groups, such as rescue, welfare, salvage, engineering and fire sections of civil defence.

Gen. Worthington stressed the need for fire defence and stated that "the recently appointed dominion fire commissioner has made a quick survey of fire defences in Canada and reports them inadequate for normal peacetime requirements."

He emphasized the "great importance that organized groups of responsible citizens will play. Service clubs represent a cross-section of our entire community and can render a great service through their many contacts in developing and fostering the voluntary groups so necessary," he said.

Monday morning he attended the joint city-provincial conference. At noon he addressed a joint luncheon of the Men's Canadian Club and the Kiwanis Club. He was guest speaker at the Women's Canadian Club in the afternoon and will speak at the United Services Institute in the evening.

Will Be Vital Centre

Edmonton, with its refineries and increased building must look to the future in planning civil defence, Gen. Worthington said. The city's importance has grown and it will be a vital centre five years from now, he added.

He indicated that civil defence organization would be of aid in peace as well as war and cited the flood situation in Calgary. "Civil defence could have stepped in there," he said.

The engineering section could organize the building of dikes, the rescue section could be put to work and the salvage and warden sections could protect private property, he explained.

Purpose of conferring with city and provincial authorities throughout the country, he said, is to find out what resources are available. Medical facilities and services would come under the resources classification, he said.

Lists Three Areas

Dividing attacked areas into target, cushion and reception zones, Gen. Worthington outlined services which would have to be undertaken and suggested existing bodies capable of performing various functions.

He suggested that services like the Red Cross, St. John Ambulance, Boy Scouts and Salvation Army would fit into the civil defence organization.

Rest centres outside the cities, emergency rest centres within the target area, billeting services in adjacent towns and villages had

Arrange Offices For Defence Firm

Organization of the Edmonton office of Central Housing and Mortgage Corporation to supervise defence construction in the district began Saturday with the arrival of Eric R. Gold, secretary of the corporation, and H. W. Hignett, prairie regional supervisor.

As in other Canadian cities, the construction section of the corporation here will supervise defence construction for the recently-established crown company, Defence Construction Ltd. The corporation's office here is under Ralph H. Douglas, manager.

Mr. Gold said they are "contemplating increasing office personnel" in Edmonton.

Coming under the Edmonton office's supervision are the housing project near the Namao airport and the \$1,200,000, 150-house project at the Canadian Army's ordnance depot site at the north-west outskirts of the city.

Mr. Gold and Mr. Hignett arrived here from Calgary and will continue to Saskatoon and Winnipeg. They did not know if more defence buildings were expected here.

Defence Construction Ltd., headed by R. G. Johnson, a former Edmontonian, was created to handle a stepped-up defence construction program estimated at \$100,000,000.

Towns could provide accommodation for evacuees up to 50 percent of their population.

Stressing the importance of information services, Gen. Worthington outlined the role of press and radio in transmitting instructions, reporting casualties and maintaining morale. "We may have to take people by the hand and tell them what to do."

Brunt of fire-fighting would be done with mass produced, standardized trailer pump units provided through the federal government, Gen. Worthington suggested. A Canadian standard had been set up for couplings and hose fittings and it was hoped that all Canadian centres would adopt standard equipment.

Stock piles of cotton, rubber and bronze, already accumulated, would be used to create a reserve of some 100,000 feet of fire hose for emergency use, Gen. Worthington stated. Standardization of fittings would make this hose available for use anywhere in Canada.

Hon. C. E. Gerhart, municipal affairs minister requested Edmonton and Red Deer civic officials present to study and make known to the province any emergency-power legislation they deemed necessary to facilitate civil defence. Powers of requisition, compensation authority to divert funds for emergency use might be some subjects for such legislation, he suggested.

SOOTHING RELIEF FROM
MOUTH CANKER
DISCOMFORT

FOWLER'S
West End

Edmonton is prepared to co-operate in civil defence plans that call for decentralizing hospital facilities if federal and provincial governments are prepared to give financial aid, a meeting Friday of Edmonton's civil defence committee and Royal Alexandra Hospital officials decided.

It was agreed that construction of proposed additions to the city's hospital could be delayed if the aid was assured.

Town Planner Noel Dant suggested the west end of the city as one possible site for a decentralized hospital.

Dr. D. R. Easton, superintendent of the Royal Alexandra, informed Acting Mayor Hawrelak construction plans of the hospital could be delayed a month.

Willingness to co-operate in civil defence plans was evident at the meeting, but it was indicated that government financial aid was wanted. Ald. Hanna suggested, "Let them hold the baby for a change."

Mr. Hawrelak stated that Maj.-Gen. F. F. Worthington, federal civil defence co-ordinator, had recommended decentralization of the hospital. The acting mayor said that to build elsewhere meant "somebody has to provide us with more money."

Dr. Easton and Dr. Allan Day emphasized that a maternity hospital addition, for which the rate-payers have agreed to borrow money, cannot be built on the outskirts of a city.

J. C. Jefferson, city's civil defence controller, said the Royal Alexandra is the main target area stretching from the south side railway yards, through the heart of the city to the Namao airport. Commissioner Hodgson said the hospital is in the "most dangerous site for a hospital in Edmonton."

Ald. Mitchell suggested that addition of 100 beds to the present hospital would not make any difference to civil defence and that it would only serve, along with other alterations authorized, to maintain the investment already there.

Town Planner Noel Dant said two aspects of decentralizing the hospital were the cost of the new buildings and additional costs of maintenance. Dr. Easton said these latter costs would amount to about 20 percent extra if the hospital were decentralized.

Dr. Easton pointed out, "We must rehabilitate the Royal Alexandra Hospital if we are going to continue to use it." He said there is not enough money available to build a new hospital on the outskirts.

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Reinfts In City Prop Shelters

DEC 4 1950
Canadian civil defence plans not provide building deep shelters in heart of Canada against any possible air attack, Maj.-Gen. F. F. Worthington, federal civil defence co-ordinator, told civic and provincial officials Monday.

Existing shelters, reinforced according to specifications being drawn up, will form chief shelters against any bombing attacks, he said.

Major problem in civil defence planning at present is the organization of basic top-level committees, the official explained.

He arrived at the week-end to confer with city and provincial civil defence committees and will

To List Members For Civil Defence

A registration of Canadian Legion members in Edmonton will be undertaken to determine special training and skills which may be useful in civil defence preparations, it was decided Thursday at a meeting of representative of Edmonton's six branches with officers of the provincial command.

Legion members will be asked to volunteer for civil defence duties and will co-operate with other agencies under the newly appointed Edmonton controller for civil defence, J. C. Jefferson. A questionnaire to obtain required information is in preparation.

Legion officials stressed the necessity of realizing the need for adequate preparation against potential air attacks.

Among representatives present were Norman Stanners, chairman of provincial zone commander of the Canadian Legion; W. R.

Bythman, provincial organizer; Percy Gwynne, Alan Hamilton, B. Wilson, Mrs. Zeta Christie, Marchysyn and Mr. Jefferson.

Another meeting will be held Tuesday at 7:30 p.m. in the Memorial Hall.

Civil Defence Parleys Planned

Conference of cities, towns and villages and other municipal units in the development of civil defence are planned, according to Hon. C. E. Gerhart, minister of municipal affairs.

The parleys probably will be held in Edmonton and Calgary. Establishment of cushion areas to provide for mutual assistance in handling of evacuees will be considered, along with reception areas in which evacuees would be distributed.

Asked about the possibility of legislation being required at the next session of the legislature, Mr. Gerhart said it is hoped to get recommendations from various city solicitors and also government departments.

After information from various sources has been assembled and studied by G. R. Howsam, provincial co-ordinator of civilian defence, decision will be made on what should be sought in the form of legislation at the next session.

Cabs Are Offered For Civil Defence

At a meeting of the Edmonton Taxi Cab Operators' Association in the Macdonald Tuesday, entire activities of the group, which operates some 200 cabs, were offered to civil defence authorities for use in any emergency.

New association executive with Mr. Hamlin, president; Rod Macdonald, vice-president; and Sam Jamam, secretary-treasurer, was elected.

Word Is Awaited On Financial Aid

City officials are awaiting word from federal and provincial governments concerning financial aid before making any decisions on a site for the new hospital, Acting Mayor Hawrelak said Monday.

He was commenting on an aerial survey made Saturday afternoon by Town Planner Noel Dant, Dr. D. R. Easton, superintendent of the Royal Alexandra Hospital, Brig. J. C. Jefferson, civil defence controller, and himself. The party spent 2½ hours in the air examining possible sites for hospital facilities for civil defence purposes.

Acting Mayor Hawrelak said it has not been decided what type of hospital it will be, although it has been suggested that facilities for incurable patients be erected. The hospital for incurables would contain an operating room to which doctors could move if the need should arise, he said.

Type of facilities to be built will depend on what financial aid can be expected from the government, he added.

Make Of City To Locate

Survey of Edmonton from the standpoint of civil defence was being made from the air Saturday by Acting Mayor Hawrelak, Dr. D. R. Easton, superintendent of the Royal Alexandra Hospital, Noel Dant, town planner, and Brig. J. C. Jefferson, civil defence controller.

The survey was being made in an R.C.A.F. Expediter from Station Edmonton piloted by Wing Cmdr. William Van Camp, senior personnel staff officer.

Main purpose of the flight is to examine the feasibility of locating the new maternity hospital according to a plan for dispersing city hospital facilities.

Dr. Easton arranged the flight following a meeting last week of civil defence officials and members of the hospital board where suggestions were made for dispersing hospitals for defence purposes. The hospital superintendent stated at the meeting he was definitely not in favor of placing the

maternity facilities on the outskirts of the city.

City ratepayers at the last civic election gave the administration power to borrow \$1,035,000 for a maternity wing to be located near the Royal Alexandra. The meeting agreed that federal and provincial financial aid would have to be sought in decentralizing the hospital.

Plans Are Made For Defence Act

A new Civil Defence Act covering the province's extensive defence program will be presented to the 1951 session of the Alberta legislature, according to Hon. C. E. Gerhart, provincial secretary and minister of municipal affairs.

Work of drafting the act is underway, the minister stated, and recommendations are being received from the federal government, civic and municipal authorities.

Mr. Gerhart, who is in charge of the civil defence plans for the government, said the act probably will not reach the legislature until near the end of the session which starts on Feb. 22 and carries into March or April.

Hospital Awaits Word On Grant

Edmonton still is awaiting word from the provincial government as to whether a civil defence grant is to be made toward the dispersal of the Royal Alexandra Hospital, Acting Mayor Hawrelak stated Thursday.

The acting mayor said that he met Wednesday with Dr. D. R. Easton, superintendent of the hospital, and Gordon Wynn, hospital board member, to discuss plans for extension of the hospital.

At the last civic election, citizens voted overwhelmingly in favor of two money bylaws, totalling \$2,235,000, for a new maternity wing and alterations of the old building at the hospital.

Since then there has been considerable discussion about the possibility of dispersing the hospital as a civil defence measure. Mr. Hawrelak said that in view of no word having been received from the province or the federal governments in regard to grants, no action will be taken on construction at least for a short time.

Program Launched In Civil Defence

A program to educate Albertans on how to protect themselves during possible air attacks was outlined Saturday by Hon. C. E. Gerhart, minister of municipal affairs who has been appointed civil defence chief for the provincial cabinet.

Mr. Gerhart and Air Vice Marshal G. R. Howsam, Alberta civil defence co-ordinator, will give weekly statements instructing citizens in personal safety methods. Pamphlets also will be sent to all citizens. Moving picture films will be shown to children and adults, while specially trained groups will address them.

Mr. Gerhart again stressed the opinion that Albertans "need not expect prolonged air attacks but that an occasional nuisance raid was possible in the event of war." The aim of these raids would be to panic the population, he said, or Alberta communities might

TOMORROW
HE ADVENTURE A MAN CAN LIVE, HE LIVES...
THRILLING EXCITEMENT SCREEN DRAMA CAN GIVE
WARNER BROS. GIVE YOU NOW...
THE MAN AND THE MERMAID

Edmonton's civil defence program will be organized directly through the city community leagues, it was decided at a meeting in Cloverdale Community Hall Wednesday night.

The meeting was held jointly by the Edmonton Federation of Community Leagues, Brig. J. C. Jefferson, city co-ordinator of civil defence, and St. John Ambulance Association officials.

Under the scheme, each community league will organize its own defence group, and will be directly responsible to Brig. Jefferson.

The organization was started with the forming of a volunteer steering committee. Named to the committee were Fred Purkiss, Orval Allen, Peter Heron, William Whitla, Alex Cairns, Harold Warham, Jack Reid and Mrs. E. G. Neil.

It is expected that within two weeks, community leagues will be given instruction booklets to distribute to members.

Brig. Jefferson addressed the meeting, saying that in the event of an attack the greatest threat to Edmonton would be from incendiary bombs and panic.

"It is a matter of self-preservation, and we must have the co-operation of everyone," he declared.

It also was announced at the meeting that the St. John Ambulance Association is willing to give first aid instruction anywhere and at any time.

Charles Simmonds, president of the federation, presided. About 30 representatives from city leagues were present.

by planes unable to combat weather.

He said civil defence had four main phases, planning, organization, recruiting of citizens to be trained in civil defence, and public instruction. With planning well under way on dominion, provincial and municipal levels, organization entailed selection of community leaders for civil defence, he said.

Legislation would be required at the coming session to authorize the local leaders to carry out their plans, which would be filed with the civil defence controller for each municipality.

Because of the mobility of Alberta's population, 3½ percent of the population would be trained in civil defence, instead of the normal three percent, he stated. Next step will be consultation with the Red Cross, the St. John Ambulance Association, Boy Scouts, Girl Guides and other groups to ascertain the parts each could play.

Mr. Gerhart and Mr. Howsam will tour the province to assist localities with their organization, but municipalities were advised to

Manning Outlines Plans For Civil Defence System

Only three percent of Alberta's population will be required for proper organization of a civil defence plan in the province, Premier Manning declared Friday at a luncheon meeting in the Macdonald. He was outlining for the first time Alberta's civil defence plans, now being organized in all parts of the province.

Introduced to the large gathering by Dr. W. H. Swift, deputy minister of education, and president of the Canadian Club, Mr. Manning spoke for 25 minutes on the province's plan for civil defence. Attending were representatives of Alberta municipalities.

Premier Manning stressed the importance of being prepared for any emergencies which might occur in war or peacetime, and told of new legislation which would be required to put the defence plan into effect in Alberta.

The premier's address was divided into two parts outlining immediate steps to be taken, and

those which would follow in long-range preparation.

"We do not want to panic the people of Alberta, but we want them to be prepared," he emphasized.

"The goal of the provincial civil defence plan," Mr. Manning stated, "is a simple, effective, well co-ordinated and intelligently directed volunteer civilian defence organization."

"In any attack on the central parts of North America, it can be expected that enemy aircraft will pass over Alberta," Premier Manning stated. "It is known the Russians have an aircraft similar to the American B-29 which is capable of delivering atomic or other heavy bombs."

"We assume that some enemy aircraft would get through and strike at important Canadian targets. But it is more likely when they get through, they will continue to the larger centres in the United States. There will be times, however, when our fighter aircraft will turn them back . . . anti-aircraft and bad weather will turn others back."

"In such cases the enemy planes may be turned back over Alberta when they still are carrying their bombs. Before returning home or falling out the enemy crews will be anxious to drop their bombs on some convenient target. These conditions will bring some of the dangers from air attack not only to our larger cities but to our smaller towns and villages also."

The premier stated it is "very apparent that civil defence in Alberta does not concern only our larger centres. Every city, town and village has a vital role to play and must be prepared to do its part in the civil defence program."

Outlines Organization

Mr. Manning then outlined the organization work carried out for defence plans, stating that Hon.

C. E. Gerhart, minister of municipal affairs, recently was named minister in charge of Alberta's civil defence organization.

He said Mr. Gerhart has attended civil defence meetings in Ottawa, Chicago and Helena, Montana, and that Mr. Gerhart is vice-president of the Northwest Civil Defence Commission which was formed at the Helena meeting.

"The various departments of the provincial government have held organization meetings and duties have been assigned to specific civil servants," the premier stated. "As an example of this organization the inventory of all fire fighting equipment in Alberta is being taken by the provincial fire commissioner's office."

Duties Are Described

"The public health department will be responsible for such things as mobilization and allotment of

professional men, and nurses and hospital aides.

This department will organize on a provincial scale emergency and alternative hospitalization. It will co-ordinate mobile ambulances, trucks and taxis.

"The public works department is responsible for restoration of roads, bridges and the construction of emergency roads, bridges and buildings.

"The public welfare department has been allocated responsibilities including education, accommodation and shelter, clothing, food and ration centres.

"The department of agriculture will organize the veterinarians in order to check into the possibilities of livestock being subjected to biological elements and advise the public on this subject. The district agriculturists will be alerted as to possible contamination and study remedies for such contamination."

On Regional Basis

Mr. Manning said that in order to achieve proper planning, both for defence purposes and with peace time needs in mind, the direction and development on a district or regional basis around larger urban centres should be one of the main objectives.

The possible need for evacuation of a large urban centre, he added, requires that the provision for reception centres in the surrounding areas for evacuees should be planned in advance. Such planning as well as the planning of communications between a large urban centre and the surrounding district can only be done by co-operation between all municipal authorities concerned.

"It is the government policy to encourage and promote the setting up of district planning commissions," Mr. Manning stated. "This would serve in a state of emergency and also in peacetime development. In order to assist such commissions in their work, financial assistance will be given by the provincial government, provided

to participate financially.

"It is desirable that municipalities should exercise the powers they hold to set building specifications in order to establish

special shelters and safety factors for building in areas that may be affected by bombing raids.

Radar Warnings

"Minutes count," Premier Manning stated, "and they are precious during the time of an air raid. This makes the effectiveness of any civilian defence system dependent in the first instance on the warnings."

"The R.C.A.F. operates the radar stations and other listening arrangements. The initial warning would be from the air force. The Alberta government radio network, operated by the department of lands and forests, probably would play an important part in relaying any warning to isolated areas."

At present, it was stated, provincial and municipal solicitors are preparing the proposed civil defence legislation which will go to the February session of the Alberta legislature.

Premier Manning stressed that the most immediate steps in the defence plans are to provide the public with necessary information and detailed instructions on how to prepare for possible bombing attacks, and what to do if such attacks occur; to secure a complete inventory of resources and facilities which could be utilized in an emergency; training of personnel in all phases of civilian defence; supply instructors and supervisors for the work.

Decentralizing Urged

Under the long-range plans it will be necessary to avoid heavy concentrations of population and industry, he stated, and to make less attractive targets; to decentralize hospitals and other services particularly essential in the event of an emergency; to reduce fire hazards by open belts; and to plan adjacent communities with civilian defence and factors in mind.

Many provincial organizations will play an important part in the defence plans, Mr. Manning stated. Included in these will be the St. John Ambulance organization which will train first aid men, the Red Cross, Boy Scouts and Girl Guides, Civil Service Association, labor organizations, municipal organizations and others.

O. C. McIntyre, president of the Edmonton Chamber of Commerce, thanked the premier.

A round table conference of civilian defence heads was held after the luncheon.

But the product is mainly oil and gasoline, without heavy fuel. The heavy fuel is used in the process of producing the blend for transport. Out of every 100 barrels of oil processed, 20 barrels of the heavy fuel are used up to carry out the process and 80 barrels of the blend are produced."

Mr. Blair recommended that the provincial pilot plant at Bitumont be kept for testing and experimenting purposes.

Co-operation Praised

His survey was based on a square-mile site in the Mildred-

Ruth Lakes area, 25 miles south of Fort McMurray. Because it has been completely proven by a dominion government exploration program. We know exactly what is there, but undoubtedly with development better areas can be found for a plant site."

Mr. Blair paid greatest tribute to the co-operation of the Alberta and federal governments and the entire oil industry. He termed the "solving of the bituminous sands problems as the greatest co-operative oil endeavor Canada has ever known."

But he gave greatest "single credit" to Dr. K. A. Clark, professor of mining at the University

of Alberta. "Dr. Clark has been working on the project for nearly 30 years. He has provided the backbone upon which success could be found."

Town Will Join Defence Program

Jasper Place will join the city in preparing a civil defence plan, instead of operating an independent plan for the town, council decided at Monday night's meeting. Mayor Stone suggested that a meeting to discuss arrangements be held in the town soon, with one of the recently-appointed civil defence officials in attendance. The motion also was approved by council.

In a report on the volunteer fire brigade, Fire Chief J. Robertson recommended that the twelve regular volunteers receive some remuneration to help to cover expenses such as cleaning bills for clothes soiled during fires. Council agreed to pay the men \$1.50 for each hour of fire-fighting, and also \$1.00 for each of the weekly lectures they attend. In the case of Chief Robertson, this will be \$3.00 for each hour of fire-fighting and \$5.00 for each lecture.

A representative of Diamond Bus Lines outlined proposed changes in the bus service between the town and the Edmonton bus depot, which probably will be instituted later this month. The changes would provide for 20-minute service to the city, with a 40-minute round trip, where a one-hour round trip service exists at present.

Civil Defence Details Given For Alberta Municipalities

Organization work for civil defence in all municipalities in Alberta should start immediately, Mr. C. E. Gerhart, minister of municipal affairs and minister in charge of civil defence, told about 10 representatives from provincial cities, towns and villages in the Macdonald Friday afternoon. He was chairman of the special civil defence meeting arranged by the provincial government.

Training of auxiliary firemen, policemen and complete training of first aid workers should be the first work of the municipalities, Mr. Gerhart stated.

Thirty-one municipalities were represented at Friday's meeting. A second meeting will be held in the southern part of the province. Other speakers Friday were George R. Howsam, provincial co-ordinator; Col. E. Brown, assistant co-ordinator; J. C. Jefferson, former commander of the Loyal Edmonton Regiment who is in charge of Edmonton's defence plans, and A. E. Bridges, provincial fire commissioner.

Each municipality should report its local defence organization to the provincial co-ordinator along with a progress report by March 1, this year, representatives were informed.

Check Fire Equipment

Mr. Gerhart said one of the major tasks has been securing an inventory of the firefighting equipment in the province and attempting to adopt a plan whereby the equipment could be standardized.

The dominion government, he added, has estimated it would cost between \$2,000,000 and \$3,000,000 to standardize fire equipment across the dominion, and it is quite probable such a plan will go into effect "very soon." Representatives on Friday claimed this was one of the major problems arising in Alberta as some equipment could be used only in the town for which it had been purchased.

Mr. Bridges said these problems were outlined at a recent meeting of Alberta fire chiefs.

"The provincial government will not shirk any expenditures which may be required for Alberta civil defence plans," Mr. Gerhart told representatives, "but no specific arrangements have been made with the federal government for division of costs."

The minister outlined several "lessons" learned by defence experts from civil disasters which occurred in Canada in the past few years. Included in these, the minister said, were the Fraser Valley flood, the Red River flood, the Rimouski fire and the Cabano fire. Through special permission from the federal government,

fire and police personnel were assigned to service in these areas.

It was shown in possible future bombing attacks, Mr. Gerhart said such attacks probably would be made on

more strategic centres than Edmonton. He added that basement shelter, preferably away from any windows, was the best protection. Such bombs, he said, could start fires for a distance of 1½ miles.

A representative from Jasper Place asked if that area was expected to arrange its own defence plans, or would the area be taken in by the city for such a defence. He was informed by Mr. Jefferson that "it probably would be better, mainly because of traffic problems which probably would arise there, that Jasper Place be included in the Edmonton plan."

Lloydminster Problem
A Lloydminster representative asked if his town could be expected to work in co-operation with Alberta or Saskatchewan. Half the town is in Saskatchewan and the other half in Alberta.

"I think you better count yourselves in Alberta," Mr. Gerhart stated. The representative said the town planned to send a representative to a civil defence school in Regina.

Col. Brown said the Regina meeting would deal mainly with reception areas—places where evacuees would be sent in the event of bombing attacks—rather than target, cushion and reception areas under which Alberta is classified under dominion plans.

Col. Brown said it was the intention of the provincial organization to provide schooling for representatives, but such a plan would not be put into effect immediately.

Community Units

Mr. Jefferson told the meeting that Edmonton's plans called for division into community units. In each unit there will be a community hall, school or other building available as a headquarters for the civil defence workers, a hospital or other essentials.

Rabbi B. Leon Hurwitz, asked Mr. Gerhart what provisions had been made in the civil defence plans for the church "to play its part." He was informed the church will have a major role through its welfare organizations.

First steps to acquaint all persons in Alberta with civil defence plans will be by the use of motion pictures and general literature, Mr. Gerhart stated. In addition, defence co-ordinators will visit the various municipalities and outline the general work.

Representatives at Friday's meeting also were shown charts of the suggested civil defence organizations of the province and introduced to Hugh Davidson, assistant co-ordinator for Edmonton.

Organizations At Wetaskiwin Prepare For Civilian Defence

WETASKIWIN—The first step in the preparation for civil defence here was taken recently at an organization meeting called by the city council and held at the Legion Hall.

The attendance of 70 was made up of representatives from various groups including the city council, fire and police departments, Northwestern Utilities, Calgary Power, municipal district, Red Cross, Legion, I.O.E., Ministerial Association, school division and school district, reserve army, medical, nursing, and dental professions. Delegates also attended from the village of Millett and Ma-Me-O Beach.

Merner Chairman

Chairman, Mayor M. Merner, commented on the encouraging interest shown by the citizens and proceeded to report on the recent government civil defence meeting in Edmonton. Wetaskiwin would probably be a reception area but planning should cover the possibility of both a target and cushion area.

The mayor then outlined an organization plan for Wetaskiwin. Under the mayor and council would be a controller and under the latter the planning committee, which would include police, fire

department, utilities, medical care and first aid, billeting, transportation, reserve and cadet units, and representatives from national organizations functioning in the city.

To Name Committee

After a discussion it was decided to appoint a selecting committee which, in turn, would obtain a chairman and deputy for all the positions on the planning committee. It was moved that the recommendations of the selecting committee should be accepted, subject to the approval of the mayor and council, without the necessity of any special meeting.

N. A. MacEachern was chosen chairman of the selecting committee to be assisted by H. R. French, L. B. Yule, R. W. Manley, P. J. Maggs, and Mayor Merner and C. H. Russell, city solicitor.

A general meeting is expected some time in February. A suggestion was made that arm bands or special insignia be obtained for the various groups which will operate under the planning committee. During the meeting practical comments were made by Mr. and Mrs. A. Torn and Mrs. P. Conrad who had civil defence experience in Britain during the Second Great War.

Alberta Said Developing Air Raid Warning System

An efficient air raid warning system is being developed although it is hoped its use will never be required, Air Vice-Marshal G. R. Howsam, provincial co-ordinator of civil defence, said Saturday.

The co-ordinator said that distance alone is no longer adequate protection. He added that Alberta's position on the air path from Russia to the United States makes it imperative for provision of a system of air raid warnings for the protection of every citizen of Alberta.

The official said the dominion government has done a great deal in order to detect arrival of enemy planes. In co-operation with the United States, Canada has developed a great radar network stretching across the country.

Of course the details of this screen are secret and even more secret are other methods of detection and reporting. But the more protection we have, and that's what counts.

Referring to Alberta's role in the air raid warning system, the provincial co-ordinator said: "The vigilant forest rangers will have

their keen eyes trained on the skies to spot enemy planes. Their two-way radios will be in constant communication with the R.C.A.F. control centre. To augment this Alberta has many telephone and telegraph operators stationed in remote areas of the province and they are dependable and efficient.

The air vice-marshal said the R.C.A.F. has complete control of the air raid warning system for Alberta and that each post is in direct contact with the air force.

"If enemy aircraft are approaching a district, the R.C.A.F. will give the warning which will be relayed immediately to the municipality concerned. From there the municipal civil defence organization takes over, with everyone in the municipality doing the job he has been prepared to perform."

The provincial co-ordinator said the dominion government hasn't completed plans for a national warning system. But in the

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Await Action By Province

Community Leagues Briefed On Civil Defence Program

"This information was given city council Monday night by city commissioners in answer to a recent inquiry by Ald. Innes.

Money bylaw, authorizing the civic administration to borrow funds for construction of the hospital addition, was passed by voters at the November civic elections. These funds, however, will not be sufficient for decentralizing the hospital as suggested by dominion and provincial civil defence authorities, commissioners reported. Commissioner Menzies told council that there is no use drawing up plans for the hospital until the site is decided upon. "We've been trying to get a decision from the provincial government on whether they will add sufficient funds for decentralization, but we have no answer yet," he said.

Commissioners recommended that the government's decision be waited "for a reasonably short time," before any further plans or construction are made.

Decentralization Laid Up To Ottawa

Initiative in financing necessary decentralization for civil defence must be taken by the federal government, Hon. C. E. Gerhart, Alberta minister of municipal affairs and cabinet chief for civil defence, stated Tuesday.

"Such decentralization is a recommendation by the dominion civil defence co-ordinator," said Mr. Gerhart. "The dominion must take the initiative in making financial arrangements and allocations of assistance. This question must be settled at the next dominion-provincial conference on civil defence. There should be machinery established to consider each decentralization project, decide its need and the allocation of financial assistance."

Mr. Gerhart said that at present Edmonton must use its own judgment on the question of whether to proceed with decentralization of the Royal Alexandra Hospital or construct the extension adjacent to the present site.

Region To Help In Civil Defence

Edmonton's six Canadian Legion branches, assuming a share in civil defence plans for the district, recently distributed a comprehensive questionnaire to each member in the city. Information supplied from the questionnaires will reveal qualifications of each member, indicating where best he may fit into the plan of civil defence.

Preparations for civil defence are not designed to scare the citizens out of their wits, but to make them ready to meet any emergency, asserted Brig. J. C. Jefferson, Edmonton's co-ordinator of civil defence, who met with about 45 presidents and representatives of city community leagues Monday night in Glenora community hall.

Under the guidance of Brig. Jefferson and his staff, Edmonton's civil defence program will be operated almost entirely through the community leagues, which will organize self-contained defence units.

Brig. Jefferson explained the basic requirements for an efficient civil defence program, as outlined at a meeting with Federation of Community Leagues officials in January. Representatives were told to meet with their respective leagues, and to start organizing immediately.

Prepare For Emergency
"We are not trying to create panic," Brig. Jefferson told the gathering, "but when an emergency arises we don't want to be caught napping."

He pointed out that defence units and disaster crews would be of great value apart from the event of war. "We couldn't get along without a proper organization if this city was struck by flood, tornado or fire."

Explaining a proper defence set-up, he said the city would be split into a number of zones, each headed by a unit commander and several deputies. "The commander must be cool, level-headed, and able to organize. He is responsible for the smooth operation of the community defence unit."

The air raid precaution chairman will be responsible for organizing air raid wardens in his zone, Brig. Jefferson stated. There should be a warden in every block, and the warden has the job of

The document indicates that the civil defence organization will consist only of persons who are not members of the active or reserve armed services, hospital staffs, police and fire services, or those who in their ordinary occupations would be engaged in defence activities.

Inquiries regarding experience in communications work, public health, office work, transport, engineering, fire fighting and police work are included in the questionnaire.

Legion officials expect that in this way they will have a graphic picture of assistance available in this city. In order to expedite filing, members are urged to return these questionnaires to their branches as early as possible.

Chairman of the Welfare committee must take charge of emergency shelter for refugees, with provision for fuel, heat, water, food, clothing, light and medical supplies. The first aid chairman will handle organization of training classes, equipment, and forming of first aid teams.

Under the communications committee, Brig. Jefferson said the organization requires radio, operators, telephone operators and messengers with bicycles and motorcycles.

"Edmonton is fortunate," he said, "as many of its main telephone trunk lines are underground, its privately-owned radio transmitters are well dispersed, and it is unlikely all of them would be destroyed in an air raid."

10:00 - News, CJCA, CBX.
The Three Sons, CFRN.
News, CKUA.
10:05 - Ridin' the Range, CJCA.
10:15 - Aunt Lucy, CJCA, CBX.
Knitting School, CFRN.
Bulletin Board, CKUA.
10:30 - Pick The Hits, CJCA.
Kindergarten of the Air, CBX.
Pre-activity Time, CFRN.

More intensive defence north of Edmonton was urged Tuesday by George M. Murray, M.P., Cariboo, who was in the city en route to the session of the house of commons opening Jan. 29.

"The Alaska Highway offers an ideal training base for infantry, and I would suggest that troops of cavalry could profitably be organized at Grande Prairie, Fort St. John, Dawson Creek and other points between Edmonton and Whitehorse," Mr. Murray said.

"Adequate defence of the Edmonton area also calls for a highway directly west via Jasper and McBride, B.C. to Prince George," the B.C. member said. "Such a highway would connect with the great highway system north and south in British Columbia. It would connect with the present excellent highway from Prince George to Prince Rupert."

"Looking well to the future, a further defence project would be the proposed natural gas and oil pipeline from northern Alberta via the Pine Pass Highway via Prince

He added that army and air force transmitters were on hand, and that all taxicabs with two-way radio would be made available. It also is hoped to have army radios for civil defence groups soon, he said.

Legion Training Valuable
Brig. Jefferson also announced that the Canadian Legion is compiling a list of members, many of them with actual air raid experience, who would be valuable assets to civil defence units.

Fred Purkiss, chairman of the meeting, urged league representatives to start work immediately on skeleton civil defence groups within their leagues.

The meeting concluded with the showing of a film on the civil defence organization in Nottingham, England, during the Battle of Britain. It illustrated the actual operation of all phases of defence - civilian and services - during air raids.

George and Quesnel to Vancouver," the member said. "If such a pipeline passes to the south, paralleling existing railway trunk lines, trans-Canada highway and main telephone and telegraph communications, it would be a sitting duck for the first enemy bomber to attack the Pacific slope."

"I propose to bring this point prominently to the attention of the Board of Transport Commissioners when the hearing takes place this month at Ottawa. I propose to assist Hon. Gordon S. Wismer, attorney general of B.C., in his presentation on behalf of the government of B.C. in support of the Peace River-Cariboo route for the first pipeline to be constructed to the Pacific Coast."

"While the government of Rt. Hon. Louis S. St. Laurent is valiantly leading in steering the world away from the threat of a third world war, we cannot afford to relax defence measures," the Cariboo member said. "The people of the north feel that they may be in a no-man's land in the event of such a war."

"There is grave doubt as to the security of the Alaska perimeter of defence if there is not universal civil defence in the north preparatory to universal service of manpower and resources in the event of hostilities. It is desirable that all strategic points on Alaska Highway should be brought up to full strength. At present there is little being done in civilian defence in the Peace River area of British Columbia."

Advice Is Given On Raid Shelters

Cities are more susceptible to air attack than small towns, according to R. Howsam, provincial co-ordinator of civil defence.

"On the other hand city dwellers have many more neighbors, organized individuals and civil defence units, which would rally around to give aid. Self help and mutual aid are the two important keys to survival under air attack," he said.

In the event of an attack Mr. Howsam said the safest place usually was in the basement against an outside wall. If there was no basement, the lowest part of the house away from windows would be the safest place.

The provincial co-ordinator said municipal civil defence officials will give advice regarding furnaces, hot water pipes, and locating the shelter in close proximity to the basement stairs or some alternative exit. A radio was not essential equipment for the shelter, but it could be an aid to keep those in the shelter informed, and it would be easy to take a small radio to the basement.

"Remember about windows," said Mr. Howsam. "Cover them

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Train In Civil Defence Plan

As part of its civil defence contribution, the city is to start training auxiliary policemen and firemen, it was learned Friday at the Civic Block. They will be volunteers for emergency service.

Applications will be taken from 8:00 to 10:00 p.m. Monday at the central police station and No. 2 fire station on 104 st. Men subject to call by the forces are requested to volunteer.

With the city's civil defence organization beginning to take definite shape, it is expected that at a later date citizens will be requested to volunteer for other sections, such as A.R.P., welfare, communications, health, transport, power, identification and training.

Takes Course

Fire Capt. James Lauder is to leave Wednesday for Camp Borden to take an "A.B.C." warfare course. This is a three-week course in technical aspects of modern warfare.

The city has been authorized to send a delegate to Hull, Que., for a civil defence administrative course recently set up by Major F. F. Worthington, federal civil defence co-ordinator. No definite selection of the man to go has been made yet.

Under the auspices of the St. John Ambulance Association, first aid classes already have been organized in some communities in the city. McKernan Lake Community League has started class. Bellevue Community League expects to start next week and the Seventh Day Adventist Church has announced its intention of undertaking first aid classes. Arrangements for these classes are being made by Ted Emmott, provincial superintendent of St. John Ambulance Association.

Have Master Plan

J. C. Jefferson, city defence controller, and Hugh Davidson, deputy controller, have drafted an organization master plan for the city's civil defence. Details have been outlined to the heads of civic departments immediately concerned and they have been authorized to proceed with their individual planning. Before leaving Tuesday on a trip to eastern Canada, Acting Mayor Hawrelak stressed that it was not the city's intention to create an arm by preparation. He said it was better to be prepared now to lessen the danger of panic and disaster in case of an eventuality. He pointed also to the role a civil defence organization could fill in civilian disasters, such as fire or flood, as well as in war.

Only 22 Apply As Police Aides

Response to the city's appeal for volunteers to serve as auxiliary policemen and firemen in event of an emergency as a civil defence measure, has been limited so far, Hugh Davidson, deputy civil defence controller for the city, disclosed Wednesday.

Twenty-two men have applied as auxiliary policemen and four as auxiliary firemen. Both departments will continue to accept applications.

Mr. Davidson said that Tuesday about 40 civic department heads and key men in the various city utilities have been shown a civil defence film. The film deals with the administrative organization of civil defence.

H. Davidson Going To Defence Course

Hugh Davidson, Edmonton's deputy civil defence co-ordinator, will leave next week for Ottawa to attend a civil defence course, Feb. 19 to March 2, Acting Mayor Hawrelak said Wednesday.

Sponsored by the federal government, the course deals mainly with the administration of civil defence work.

Actual instruction will be held across the river from the capital city, in Hull, Que. After the theoretical instruction actual problem-exercises will be worked out.

Those giving the course include Hon. Brooke Claxton, minister of national defence, Gen. F. F. Worthington, federal civil defence co-ordinator, U.S. civil defence officials, members of the R.C.M.P., St. John Ambulance Association and the Canadian army.

Volunteers Sought For Civil Defence

Acting Mayor Hawrelak again issued an appeal Tuesday for volunteers for police and fire protection for civil defence. He said the response has been good but more are needed.

Applications can be made to either the city police or fire departments and interviews will be arranged for applicants. It was reported last week that only 22 men had volunteered as auxiliary policemen and four as auxiliary firemen.

Major Rural Role In Attack Would Be Care Of Refugees

Rural residents of Alberta must be prepared to play a major role in the evacuation and care of refugees from bomb-stricken areas, G. R. Howsam, provincial civil defence co-ordinator said recently.

He said persons in rural municipalities and towns had done an "outstanding job" caring for evacuees from the Manitoba flood areas and deserved the highest praise for the work they had done.

Rural residents in addition must prepare to protect their persons and their property against air attack and to guard against bacteriological attack, Mr. Howsam warned.

The safest place for Alberta farmers to take shelter during an air attack would be the cellar or the root cellar. It appeared "extremely unlikely" that atomic bombs would be dropped near

farms but if an atomic bomb exploded on or near a farm, some of the farm's crops would be flattened or burnt. Fruit and vegetables stored in cellars would be safe from radioactivity.

"This talk of A-bombs dooming the earth is nonsense," the co-ordinator said. "It would take many thousands of A-bombs to produce dangerous ground contamination. A herd of about 50 cows in New Mexico was hit by atomic dust. Except for gray hairs on the burned patches, the cows are completely normal, producing normal calves."

Bacteriological attack would be a serious threat which farmers should guard against. Bacteria or fungi calculated to bring death, injury or disease to men, animals and plants might be delivered by aircraft, balloons or saboteurs, he said.

Role Of Schools Emphasized In Civil Defence Program

Schools will play "a very important part" in Edmonton's plans for civil defence, Trustee J. H. Thorogood told members of the public school board at a meeting in the civic block Tuesday night.

The board was discussing a letter received from Acting Mayor Hawrelak, in which he requested use of city schoolrooms for civil defence purposes.

"We will have to get behind this (civil defence program)," Mr. Thorogood declared, "and I think the school board will be willing to do its share."

The acting mayor sought use of one classroom one night a week in each of ten schools "at strategic points throughout the city."

Hours Of Caretakers?

The board reserved decision on the city's request when M. A. Munro, representing the International Union of Operating Engineers, said he would take the matter before the caretakers to see if they would give their time freely to further the defence effort.

"Because so many are giving their time for this purpose," said R. H. Brown, chairman of the board, "the caretakers would be asked to do likewise."

G. H. Brown, school board member, said he would like more information regarding hours and

the effect of the program on regular school activities.

There would be little effect, said School Superintendent R. S. Sheppard, because "I understand the defence classes would be held in the evenings."

Mr. Thorogood believed community halls were being used where available, and that school space was required only where no other facilities were available.

The schools would be used in regular instruction of civilians in their civil defence duties.

First Aid Training Given

Two schools, Bellevue and Oliver, are at present being used for first aid instruction, Secretary-Treasurer H. G. Turner informed trustees.

Mr. Turner said he thought the projected civil defence program would continue until about May.

The medical inspector of schools, Dr. R. M. Hayes, told the board he had noticed that parents appeared to be paying little attention to reports of defects found among children examined in the schools.

Dr. Hayes said he thought the reason for this was that the reports were handed to the children who, in many cases, failed to take them home.

Mail Reports Home

He suggested that the board vote a sum about \$200 to cover

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to the parents.

"We spend a considerable amount of time and money in these school examinations," said Dr. Hayes, "and if the parents are not advised, I think it is a waste of the board's money and our time."

On motion by Mr. Thorogod Dr. Hayes was granted authority to correct the situation "as he sees fit."

The meeting accepted the resignation of Dr. R. D. Wilson, assistant medical officer for schools. Appointment of his successor was deferred until the next meeting of the board.

Mr. Sheppard reported enrolment in public schools as of January, 1951, was 19,407 students, compared with an enrolment of 18,033 students in January, 1950.

Review Building Plans

Construction plans for three planned schools—Strathearn, McKenna and Westminster elementary-junior high schools—will have to be revised due to a shortage of certain types of materials. W. W. Butchart, architect and superintendent of plant, reported.

Mr. Butchart believed the adjustment of the contract price should prove "as economical, if not more economical" than the original estimate for the three buildings.

The secretary-treasurer brought to the attention of trustees a variation of three cents in wages being asked by civic and private construction workers.

Laborers working for private building and construction concerns were receiving 98 cents an hour, Mr. Turner reported, while the Civic Employees' Union was getting 1.01 hourly. The board decided to observe the general union rate of 98 cents.

Radio-Phonograph Equipment

The meeting granted a request from H. C. Thompson, principal of King Edward Junior High School, for Killips high fidelity radio equipment, valued at about \$282.40.

Mr. Butchart told the board the radio-phonograph equipment would be used during the school's music appreciation classes.

The board decided to move desks into two additional classrooms at University school April 15 to ease overcrowded conditions in grades one and two.

Mr. Sheppard reported enrolment in evening classes at the end of January was 842. About 50 different courses are taught at these evening sessions.

Request from J. C. Siple, of the department of veterans affairs

that he be given the use of a room in McDougall school for young people's Bible study was granted.

The board also approved a request from the Women's Auxiliary of St. Peter's Anglican Church that they be allowed to use the school auditorium on either April 3 or 10 for a school and teen-agers' fair.

Need Of Action Emphasized In Civil Defence Program

Members of the Edmonton branch of the Canadian Manufacturers' Association left their annual meeting at the Macdonald Friday with a deep understanding of just what the phrase "civil defence" means. They left with the realization that their civil defence job is on right now, that their country or city does not require the calamity of war to start the job.

At the meeting they heard Hon. J. E. Gerhart, provincial minister in charge of civil defence, tell them of the organization they should implement within their businesses immediately as a safeguard against what might occur.

Mr. Gerhart, in the sincerity of his address, seemed to leave no doubt as to the possibility of conflict both from within and without. He stated bluntly that there are between 500 and 600 spies within the province and detailed means of minimizing their subversive activities in industry.

Edmonton Possible Target

The minister did not discount the possibility of atomic bomb destruction in Edmonton. He said enemy aircraft carrying such bombs would undoubtedly start out with a different target but he reminded that, should weather or other conditions make it impossible for those targets to be reached, the craft would not return to their bases with their bomb loads. Edmonton in such a case would be a logical target, he said.

Mr. Gerhart also spoke of fire bombs which enemy aircraft can carry in large quantities and which might be dropped here in the event of war. He urged his representatives present to pick a responsible man in authority in their respective plants to organize a civil defence set-up. There should be details to look after emergencies such as fire, evacuation, first aid, raid shelter, maintenance and warnings, he said.

Check On Workers

He also urged careful study by employers of present workers and applicants for positions and suggested tagging and fingerprinting of all employees as a security measure.

The minister also urged those who seek formulas to keep their eyes wide open and to ensure protection in destruction of plans, tools and other information.

There are such other things as slow-downs in production, adulteration of goods and increased frauds which could be a part of sabotage work and which should be fully investigated, the minister said.

Good organization in this respect can protect as much as 50 per cent of human life and more than 90 per cent of property in the event of conflict, Mr. Gerhart said.

Defence Plans Outlined

He outlined the defence set-up of the province and stressed the urgency of informing R.C.M.P. of

Province Prepares Program For Civil Defence In Schools

The provincial department of education is preparing civil defence literature for distribution to every school in the province, Dr. W. H. Swift, deputy minister of education, announced Saturday.

Dr. Swift said teachers will be instructed in proper procedure in case of an air attack. He said there were two reasons for stressing the role played by schools in civil defence—first, to ensure the safety of teachers and students, and second to provide reassurance to parents. If each parent knows that his children are being looked after, he can conduct his own particular defence job calmly and efficiently, without worry or panic.

"We are proceeding cautiously, but thoroughly, not wanting to rush into emergency precautions without necessity."

Dr. Swift said air raid drill is designed to train children to seek the safest place within the school itself. He compared this to fire drill, which is designed to evacuate the building as quickly as possible. All children in the province should know the principles of self-protection and mutual aid.

May Teach First Aid

Serious consideration is being given to the suggestion of including first aid in the school course, to teach treatment for flash burns, and exposure to radiation, said Dr. Swift.

Older school children will be trained to accept more responsibility. They will be expected to assist teachers in caring for younger pupils, to act as messengers, direct traffic and possibly to study fire-fighting techniques. School cadet corps, Scouts, Guides and Tuxis members will help provide leadership in the schools.

"No one likes to think of children being exposed to the dangers of all-out warfare. For this reason every city parent should consider the possibility of evacuating his children to the country. This is certainly a very remote possibility, but one which must be given consideration. The department of education would be faced with the problem of continuing the schooling of these evacuated children, no matter where they were moved," said Dr. Swift.

Whether or not parents should remove children from rural schools if an air raid warning is sounded depends on instructions to be received from the civil defence committee at that particular time.

Study Evacuation

It might be recommended that school buses leave at once and take children home from consolidated schools. On the other hand, it might be recommended that children remain and seek shelter in the school building itself.

The recommendations for removal of children from city schools is similar to the rural situation. In Britain, parents were not encouraged to remove children because it involved all concerned in needless risks.

Parents must train their children to place themselves completely under the teachers' care in the event of an air raid warning. "Parents can assist schools in designing a sound defence program by studying civil defence precautions with emphasis on application to the schools. The department of education is co-operating to the fullest extent with the civil defence organization, and urges that Alberta school boards, teachers, and parents do their part by assisting their local committees," said Dr. Swift.

Controller Drafts Civil Defence Plan

Speech by the controller of the Red Deer preliminary draft of a proposed civil defence program for the city of Red Deer was presented to city council Monday night by Fred Horn, newly-appointed Red Deer civil defence controller.

Horn suggested the city office continue to handle all correspondence relative to civil defence, and be the central command post. He said Red Deer would act as a "bombardment area" and would receive a large number of evacuees from Edmonton and Calgary in event of any emergency. Properly equipped premises would have to be arranged to handle health and hospitalization matters.

First Aid Stressed In Civil Defence

A knowledge of first aid will be invaluable in case of war, Air Vice Marshal G. R. Howsam, provincial civil defence co-ordinator, said Saturday in the last of a series of public statements on civil defence.

He suggested that service clubs, church auxiliaries, study groups and community leagues take accredited St. John Ambulance Association courses as soon as possible as most civil defence workers would be required to have some first aid training.

He told how citizens could help Alberta's civil defence organization by learning how to protect themselves and their families, and by serving in a civil defence job.

"Your civil defence committee

soon will be calling for volunteers for the various positions," he said. "Think it over now and be ready to decide on the job you will be able to do your best work in. Civil defence workers are ordinary people whose daily life has equipped them to fit into a special place in the civil defence organization."

Air Vice Marshal Howsam said auxiliary fire-fighters, policemen and first aid workers were needed urgently. Rescue crews also would be required and special crews would be trained to use Geiger counters to detect and measure radioactivity.

Evacuation centres would have to be provided for persons evacuated from bombed homes. A knowledge of feeding large numbers of persons and caring for children would be useful for those serving in evacuation centres.

Many civil defence jobs can be filled by women, the co-ordinator said.

arranged to handle health and hospitalization matters. The Red Deer council, convened in Mr. Horn's home, asked that local service clubs be asked to assume certain phases of the civil defence plan such as fire protection. The controller stressed that the organization was a precaution against any disaster, not only war.

Outlines Program Of Civil Defence

Edmonton's master plan of civil defence was outlined to members of the Metropolitan United Church Men's Club Wednesday night by Brig. J. C. Jefferson, Edmonton's co-ordinator of civil defence.

The speaker stressed the importance of a "civic consciousness" of the possibilities of attack on Edmonton owing to its vulnerability in air warfare.

He praised the efforts of community leagues in undertaking vital preliminary projects, conducting first aid classes and setting up basic personnel structure to attend to air raid precaution, welfare, first aid and

communication measures. He commended those now in charge of mustering voluntary fire and police organizations and stated that many more volunteers still can be placed.

Brig. Jefferson stated that five major sub-divisions are being worked out, three on the north side and two on the south side. There will be a headquarters in each sub-division and an alternate main headquarters. He

defined duties of the various key personnel and stressed the importance of proper allocation of responsibilities.

Following his address, Brig. Jefferson showed a film describing the duties of air raid wardens. A question period followed.

Civil Defence Drill Successful

CALGARY, (CP)—Calgary's civil defence organization passed its first test Thursday with flying colors. It took only 31 minutes to mobilize for a "minor disaster."

E. H. Parsons, civil defence administrator, without giving any of the persons concerned notice that a test was to be run, placed a call to fire control headquarters at 1:37 a.m., that there was a "flood at Victoria Park."

Police, fire and civil defence officials were all rounded up and down at the "flood" by 12:08.

Aldermen Score Governments For Defence, Charity Grants

Provincial and dominion governments came in for some criticism when city council was discussing departmental current estimates at a special meeting Thursday. It was charged that the governments are not carrying their share of the financial load in regard to civil defence and charity grants.

Ald. Lawson questioned a \$20,000 allotment for civil defence. Commissioner Hodgson said this figure was only a guess as it was not known what would be required for civil defence expenditures. Ald. Mitchell suggested there was no

use leaving this money available where it might be spent if it had no definite designation. He suggested \$5,000 would be a better figure.

The allotment was deferred for consideration until Monday when Brig. J. C. Jefferson, civil defence controller, will be asked to outline the city's requirements.

Ald. Tanner said that Edmonton was vulnerable to attack because of the oil industry, that the provincial government was getting money from oil and should put up money for civil defence. He claimed nothing is being done by

City Seeks Government Aid In Costs Of Civil Defence

Dissatisfaction with lack of federal and provincial government contributions toward civil defence was expressed Monday as city council gave tentative approval to a \$20,000 expenditure. Consideration of this amount was held over from Thursday's meeting for consideration of a report given Monday by J. C. Jefferson, city defence controller, on the details of the city's defence expenditure.

Mr. Jefferson's report showed details totalling \$24,850. Ald. Ford sought an amendment to reduce the estimate to \$10,000, but finally Ald. Mitchell's motion approving the \$20,000 expenditure was passed. Mr. Mitchell coupled with his motion the notation that city commissioners should continue to seek federal and provincial financial assistance.

Mayor Parsons said he had discussed federal contributions with Maj.-Gen. F. F. Worthington, federal civil defence head. The mayor said the only expenditure Gen. Worthington stated the dominion government had committed itself to was that for the standardization of fire hose nozzles. Mr. Jefferson added that this was to permit the interchange of fire equipment.

Quest Unsuccessful
Ald. Tanner charged the federal government does not seem to be taking civil defence seriously. He asked why Ottawa didn't contribute financially. Commissioner Hodgson said the city had asked for this, but had been unsuccessful.

Ald. Lawson objected to the city paying \$5,500 in Mr. Jefferson's estimates for advertising and printing and the gathering of statistical data.

Ald. Tanner objected to the city paying \$10,000 for travelling expenses of civil defence personnel to courses and meetings. He suggested that if the government didn't pay, personnel should

not attend these courses and meetings.

Ald. Bissett said the city had to pay during the last war for war measures, such as housing, and he feared the same thing would happen in the case of civil defence in spite of protests.

Ald. Mitchell noted the province is setting aside \$50,000 for civil defence. Mr. Parsons added that Edmonton's population is one-sixth that of the province. Mr. Mitchell suggested that the city, province and dominion should each undertake one-third of the city defence costs. He maintained that is the reason Edmonton needed defending and that the province is getting the revenue from oil.

No Budget For Headquarters

Mr. Jefferson stated his budget did not take care of a civil defence headquarters for operations.

The meeting questioned a broadcast given Saturday by Ald. Hawrelak and the appointment of a public relations officer. Ald. Hawrelak said he gave a broadcast arranged when he was acting mayor and it had been approved by the mayor. He said he did not know who had authorized the newspaper advertisement concerning it. Mr. Jefferson said Thomas Shandro had agreed to act as public relations officer until an appointment was made.

Mayor Parsons assured the council expenditures would be authorized by the civil defence committee.

In passing the \$20,000 appropriation, council commended the work done by Mr. Jefferson and his deputy controller, Hugh Davidson. Mr. Ford cast the only dissenting vote to the motion.

the federal government to defend the city.

Ald. Clark, also objecting to the \$20,000, said that in an emergency money would be found.

Other aldermen criticized the two senior governments for not coming forward with financial help for civil defence.

Aldermen did not object to grants for various homes maintained by charitable organizations, but asked for full reports on the expenditures. Mr. Mitchell maintained the provincial government was "sloughing off" its responsibility for this welfare work on the city.

Civil Defence Aided By Legion

Personnel requirements for civil defence plans of the Edmonton fire and police departments have been aided substantially as the result of a Canadian Legion questionnaire, according to Norman Stanners, president of the Strathcona Branch, at a branch meeting Sunday afternoon.

The questionnaire, distributed to all Legion members in the city last fall, has been assessed and qualifications grouped. The fire department, which previously had met with poor response in securing the 200 civil defence volunteers required, has obtained at least half this number and more are expected from Legion members. It is likely all volunteers required by the police department will be available from Legion membership.

It was decided that a special committee would be named by the branch to form a Strathcona Legion platoon of the 19th Armored Car Regiment.

The building committee stated that construction of the branch's new building, immediately to the west of the present site, was progressing smoothly and it is expected that steel, walls and sub-flooring will be completed.

Circular Explains Defence Efforts

First of a series of civil defence circulars was issued Tuesday by Air Vice Marshal G. R. Howsam, Alberta civil defence co-ordinator.

The circulars will report periodically on progress in the Alberta civil defence organization, and will include instructions and advice for local controllers and civil defence officials in the province.

The first circular described the part played by the new civil defence organization in the recent Drumheller and Medicine Hat floods. When flood waters from the Michichi creek began forcing 200 Drumheller area residents out of their homes the civil defence organization immediately provided emergency shelter, food and clothing for the victims.

In Medicine Hat, city council called in the civil defence controller when water from the South Saskatchewan River threatened the city. The controller consulted Mr. Howsam's office in Edmonton, which in turn asked for and received immediate R.C.A.F. assistance. When bombing of the ice jam was not completely successful, the Alberta co-ordinator received ready assistance from the Royal Canadian Engineers.

The initial circular also outlines the organization of a warfare school for the Lethbridge district, which will train local defence instructors who will then teach the newest methods to civil defence volunteers in their home communities.

The circular also asked all municipalities to make progress reports on civil defence organization at the local level to Mr. Howsam and Hon. C. E. Gerhart, minister in charge of civil defence, to be addressed to the co-ordinator at the administration building in Edmonton.

Defence Instructor To Take Course

David A. Petrie, principal of Westmount School, will leave this week-end to attend the first course for civil defence instructors at the Civil Defence Technical Training School, Ottawa, J. C. Jefferson, Edmonton's civil defence controller, announced Thursday.

The course is under the auspices of the federal government and will last three weeks. On his return about the end of May, Mr. Petrie will establish a school for civil defence instructors here.

Mr. Jefferson said organization of classes is proceeding here and several persons have expressed willingness to take instruction. They will be allocated to communities in the city as instructors, with a general knowledge of civil defence problems, including war-lessons' instruction.

Mr. Petrie is a veteran of both Great Wars. He served with the Royal Edmonton Regiment in the last war retiring as a major.

He has been given leave of absence by the school board to be first of September, Mr. Jef-

Alberta Defence Offices To Open

Alberta civil defence headquarters in Edmonton will be expanded by addition to the staff and locating of offices, Hon. C. E. Gerhart, provincial minister in charge of civil defence, said Friday.

Location of the headquarters has not yet been chosen, but it will be in the legislative or administration buildings. A secondary headquarters also will be located in Edmonton, probably in the northwest part of the city near the army signals station.

Harrison To Aid In Civil Defence

Lt.-Col. R. A. Harrison, of Edmonton, Tuesday was named Alberta's deputy co-ordinator of civil defence.

His appointment was announced by Hon. C. E. Gerhart, minister in charge of Alberta civil defence. Mr. Harrison succeeds Col. E. "Ted" Brown, who recently vacated the post to become a member of the new Rental Control Board of Alberta.

Mr. Harrison is executive secretary of the Civil Service Association, branch No. 2. As deputy co-ordinator, he will be chief assistant to Air Vice Marshal G. R. Howsam, Alberta civil defence co-ordinator.

2 Albertans First To Take Course

Lt.-Col. P. J. A. Fleming and Major David A. Petrie have been selected to represent the government of Alberta and the City of Edmonton respectively at the first course of the federal government's Civil Defence Technical Training School, 16 miles west of Ottawa. They will leave this week-end.

Air Vice Marshall G. R. Howsam, co-ordinator of civil defence, said the three-week course will include instruction in radiological detection and decontamination, civil defence organization and procedure, protective measures against atomic, biological and chemical warfare and against high explosive and incendiary bombs.

Col. Fleming, chairman of the Alberta Board of Censors, and Major Petrie, principal of Westmount School, will be on the course until May 26. Other representatives from the provincial government will attend other courses at the school.

Request that the city take immediate action to impress upon the national government its responsibility toward defence of the Edmonton and the northern area was referred to

the civil defence committee. The request was made by J. W. Adair on behalf of a committee of citizens headed by George J. Keltie. In his preamble Mr. Adair pointed out Edmonton is a supply base for the entire north area and the present "undeveloped system of highways is

See Little Danger

Albert safety r livestock outbreak stated Tuesday

circular issued by Air Vice Marshal G. R. Howsam, provincial civil defence co-ordinator.

The circular deals mainly with biological warfare, warning Albertans not to be frightened by "wild rumors of new mystery germs". The circular advised precautions in case of biological warfare are:

Practice personal and home cleanliness; report sickness promptly; aid authorities in every way, including giving of blood samples or submitting to vaccinations; do not rush outside after an attack and cover broken windows to keep out contamination; do not take chances with food and water in open containers; do not start rumors or believe wild stories.

Biological warfare, it was stated, is a special weapon for use against special targets, and could not kill or sicken all citizens in a large area. It means attacking with living agents, such as plant-killing insects, or with poisons such as come from some bacteria, or with special kinds of chemicals such as weed killers.

Alberta's public health and agricultural safeguards form a protective network against biological warfare, it was stated. While such warfare holds dangers

McMurray Backs Highway Request

Edmonton's civil defence committee resolution to the federal government requesting more roads for the north country has received hearty commendation in a letter from the McMurray Chamber of Commerce.

Mayor Parsons received the letter Monday approving his advocacy of new roads in the north for civil defence purposes.

The McMurray Chamber, the letter states, has been pressing for roads for many years "and we are still without highway communication to the outside." The chamber wants a road that will supplement the present railroad.

A resolution asking for new roads will be introduced by the McMurray Chamber at the annual convention of the Alberta Associated Chambers of Commerce and Agriculture June 6 at Red Deer, the letter declares.

The resolution requests that the provincial government include funds in its 1952 highway program for a road to McMurray. The route of the highway would be left to the government, according to the resolution.

The chamber also asks that Edmonton send representation to the conference in support of the resolution. Mayor Parsons saw the possibility that the meeting would be attended by a member of the Yellowhead Route committee and the civil defence committee.

CIVIL DEFENCE (EDM + ALTA)

Mayor Wants Roads To North As Part Of Defence Scheme

Civil defence of Edmonton should be considered in terms of battles 2,000 miles away, rather than merely action to be taken after bombs have fallen on the city, Mayor Parsons said Thursday.

As a result of a civil defence committee meeting Wednesday, the mayor said a resolution will be sent to the dominion government requesting new roads to the far north. Mayor Parsons claimed that the only way forces could be serviced in the north under present conditions would be by air. He said there also is need for a road to Edmonton from the east. Transport would be bogged down by mud, he maintained, before it could deliver essential supplies.

Mayor Parsons said the department of national defence is devoting its energies toward world defence and the municipalities are being saddled with actual defence of civilians in Canada. He predicted a lively controversy on the subject of civil defence at the mayors' conference in London, Ont., in June.

Hugh Davidson, city deputy controller for civil defence, said three possible sites for a main control centre have been submitted. One would be an underground construction in the river bank on the outskirts of the city, another a prefabricated hut, and the third to include the control center in the basement of a school to be constructed.

The city has authorized the civil defence committee to secure professional advice on the cost and location of a control centre. Mr. Davidson stated that 250 volunteers have been received for both fire and police duty.

The Edmonton civil defence instructors' school, which will begin early in June, will be headed by D. A. Petrie, principal of Westmount School. Mr. Petrie is in Ottawa attending a dominion civil defence school.

Each of the four courses to be offered at the Edmonton school will run for five weeks. When the school closes, it is hoped there will be 100 trained instructors available for the fall training program.

Each of the larger industries in Edmonton will be asked to set up an internal defence organization, to work in co-operation with the main city organization.

Defence Leaders To Start Course

Civil defence instructors' classes will begin next Monday. City of Edmonton civil defence headquarters announced Tuesday. The classes will be under the supervision of D. A. Petrie, who returned recently from a course in Eastern Canada.

The classes will be held in the auditorium lounge of Victoria Composite High School, with entrance off Kingsway. One class will meet Monday and Wednesday evenings and another class Tuesday and Thursday evenings. The course will last five weeks and will be followed by another course July 9. It is expected between 1 and 24 members will comprise each class.

Edmonton's request for 24 air raid sirens was placed with the federal government about three months ago. Word is awaited on the city's allocation. Plans are proceeding to have a test of industrial sirens in the city. These will be synchronized and a study made of their effectiveness should they be required in an emergency. An analysis survey and a marked map of the city for civil defence purposes were given to provincial authorities about 10 days ago. The map shows all key stations, main industries, utilities, railways, information on types of building and density of population. The city civil defence organization is working on a fire susceptibility map in which districts are being classified according to vulnerability to fire.

Resolution Calls For Defence Plans

Adequate defence plans for the Edmonton district and the north-land, including a system of highways, is requested of the federal government in a resolution to be presented for city council approval Monday.

"Edmonton is the largest urban centre in Canada most closely situated to the probable source of attack in case of war, and is now and will continue to be the principal inland supply base to the

orth country including Alaska," the resolution states.

The resolution points out the vast natural resources surrounding the city and to the north, which will become an immediate and important enemy target and first line of defence. Defensive measures, it states, will mean continual movement of troops, heavy

equipment and supplies from eastern Canada and the U.S. to Edmonton and the north.

Present railway facilities, the resolution contends, will be inadequate for defence requirements in the event of aerial attacks and be subject to continual serious interruptions.

The resolution urges the gov-

Civil Defence Moves Approved

Two resolutions on civil defence were approved by city council Monday and a third one will be prepared for presentation at the forthcoming mayors' conference at London, Ont.

Council agreed with a recommendation of its civil defence committee that the provincial government be urged to expedite the construction of a ring road around the city.

The federal government will receive one resolution asking consideration be given to providing adequate protection for the city and constructing a system of highways to connect the northland with Edmonton and eastern manufacturing centres.

In the second resolution the provincial government is requested

to provide means whereby civil defence volunteers will receive compensation for accidents during training. It was suggested that this would mean the provincial government would contribute to the Workmen's Compensation Board. Ald. Hanna said that if the government did not contribute the city would have to do it.

The resolution to be drafted will deal with the costs of civil defence and will request federal government aid. Provincial authorities already have stated that all works and services for civil defence within a municipality must be paid by the municipal government.

City commissioners stated that there is no indication of the federal government's feelings in the matter. The proposed resolution will be presented by Edmonton's delegates to the mayors' conference next month.

Mayors To Seek Civil Defence Aid

Demands for federal and provincial assistance to municipalities for civil defence likely will be made at the conference of the Federation of Mayors and Municipalities meeting in London, Ont., from June 11 to 14, Mayor Parsons stated Friday.

He and Ald. Clarke are leaving this evening by T.C.A. for the conference.

Mr. Parsons is on the resolutions committee and the executive. His work will start Sunday. He said there is the possibility the executive or part of it may go to Ottawa to consult with the government on civil defence matters at the conference.

The mayor was critical of the lack of financial aid for civil defence forthcoming from the fed-

ernment to provide adequate protection for the north and the north and asks for a system of highways between the north, Edmonton and eastern manufacturing

Civil Defence Training Delayed

A delay in training of volunteers to serve as auxiliary policemen and firemen in case of an emergency has resulted from a lack of compensation coverage for such volunteers, the city civil defence headquarters disclosed Thursday. Neither the provincial or federal governments nor the Workmen's Compensation Board has undertaken this responsibility.

The province has not agreed to take over compensation payments, the civil defence officials have been advised. The federal government refuses the responsibility while the country is on a peacetime basis. The Compensation Board maintains the normal employer-employee relationship of volunteers is lacking and this therefore removes them from the board's jurisdiction.

The province has advised the city civil defence authorities that it will be some time before a ring road is completed. This is a proposed road, still in the planning stage, which will circle the city. Its main purpose would be to ease traffic congestion downtown by routing cars and trucks around the city rather than through it. The civil defence organization is interested in the road from this aspect, but also as a means of providing access to "cushion" areas outside the city.

Another unresolved problem facing the city's civil defence organization is that of an operational headquarters.

About 40 businesses and industries have been circularized asking them to set up their own internal civil defence organization. Some have signified their willingness to do so and to send representatives to classes for civil defence instructors.

ederal and provincial governments. He said these governments take most of the tax money and most of what the municipalities have left goes for education.

He said the attitude of the governments seemed to be, "The matter of civil defence is up to you. You protect yourselves." He added, "I always thought we had a department of national defence for that."

The mayor contended that no certain defence against enemy planes has been devised and that if civil defence is actually needed, the costs will be enormous.

Civil Defence (Edm. + Alta) of Canada's Instructors Newspaper Course

Civil defence training for instructors began Monday night when a class of 20 registered at Victoria Composite High School. A similar class will register Tuesday night.

Classes will be taken two nights a week by each group and will continue for five weeks. The trainees represent practically all communities in the city and will be expected to carry the training back to their communities.

Civil defence headquarters stated that industry now is being canvassed for potential instructors who will take a second series of civil defence lectures commencing July 9 so that by fall there will be about 80 instructors throughout the city.

The instructors were told about the civil defence organization and purpose and training literature was distributed. The three levels of responsibility, federal, provin-

cial and municipal, were explained and details of the Edmonton civil defence divisions presented.

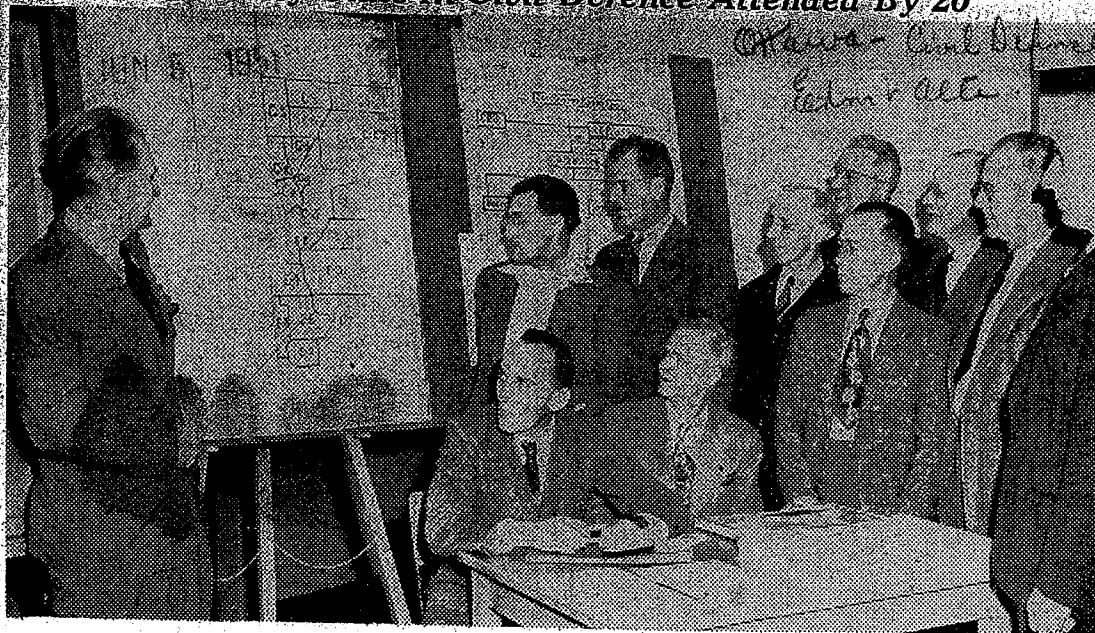
Further lectures will deal with the effects and methods of defence against the atomic bomb, biological warfare and high explosive missiles. A lecture will be given on chemical warfare and the method of decontamination with a practical demonstration of equipment for combatting this type of attack.

The trainees will be introduced to various phases of fire-fighting, the equipment used and the problems of water supply in emergencies. At the end of the course a steel-frame building, be erected, a fire kindled inside and the instructors will put into practice the theory they have learned on the methods of extinguishing it.

A lecture on welfare services, counselling and evacuation will be given by E. S. Bishop, city welfare officer. Dr. G. M. Little, city medical health officer, will give instruction in hospital requirements, shelter and refuge rooms for the average home in a lecture on health services.

A special lecture will be devoted to communications during emergency. A general review of the requirements of industry will be given at the final lecture and a questionnaire will be answered by the trainees.

First City Class In Civil Defence Attended By 20



Classes for civil defence instructors began Monday night at Victoria High School with 20 persons registering from all sections of the city. Another class will meet Tuesday and the two groups will receive two lectures a week for five weeks. Above, Brig. J. C. Jefferson, civil defence controller for Edmonton, is shown explaining to the trainees the civil defence divisions of the city. Seated at the table are, left, Hugh C. Davidson, deputy controller, and D. A. Petrie, chief instructor.

Recruiting 20,000 for Alberta's Civil Defence

Recruiting of 20,000 to 30,000 volunteers to carry on Alberta's civil defence plan went through its initial stages Thursday evening as more than 100 industrial heads, organization officials and their citizens held a special meeting in the Edmonton Curling Club.

The meeting was called by Hon. E. Gerhart, chairman of the provincial cabinet civil defence committee, and G. R. Howsam, defence co-ordinator for Alberta. It was the start of the fourth phase of the four-point program for civil defence in the province. The other three planning, organization and family training already are under way.

Form 14 Committees
The main business was the preliminary organization of 14 committees, including training, communications, police and wardens, fires and floods, welfare, medical, personnel, equipment and supplies, finance and pay, information and intelligence, transportation, utilities, plant protection, and veterinary and agriculture.

Mr. Gerhart, Mr. Howsam and J. Lavoie, assistant to the co-ordinator, outlined the work to be carried out. The committees will work in close co-operation with the co-ordinator of civil defence. They will represent more than 270 municipalities taking part in the scheme.

23 Take Courses
Mr. Gerhart said that 23 men already had been given special defence training in eastern Canada and will pass on their knowledge to representatives of the various municipalities. The larger cities have arranged to hold special defence schools, while in the smaller municipalities special training will be given representatives in the defence scheme. Schools already are operating in Edmonton and Lethbridge.

The minister said new headquarters for operation of the civil defence plan will be located at 46 st. and 103 ave., near the government radio range station.

Organizations Volunteer
Many organizations including the Canadian Legion, Boy Scouts, Girl Guides, Red Cross, St. John's Ambulance Association, the I.O.D.E. have volunteered assistance.

Mr. Lavoie stated that circulars have been sent to the Alberta municipalities seeking information on what hospital accommodation, clothing, food and other essentials would be available in the event of a mass evacuation. These circulars will be returned by next week, he added, and then a complete report on the province will be tabulated.

Next meeting of the defence officials will be on June 19, in the Edmonton Curling Club.

Committee On Civil Defence Proposes To Spend \$50,000

With a budget of \$20,000 approved by council, the civil defence committee is proposing to spend \$50,000, Ald. Hanna informed city council Monday night. He later told The Journal that the committee has not yet exceeded its authorized \$20,000 expenditure for the year.

The statement arose out of discussion of a report of the civil defence committee on compensation in case of accidents for civil defence volunteers.

Council objected to a committee recommendation that the city accept responsibility for accidents to volunteers in proposed summer training classes until such time as coverage is obtained for defence volunteers who might be injured. Motion of Ald. Ford that the matter lie on the table until commissioners could obtain a report on coverage available for a special council meeting Thursday was passed.

The committee reported the mayor has been requested to initiate steps to have the provincial government accept responsibility for compensation in case of accidents to civil defence volunteers. The committee has been informed that to date the province does not propose to accept this responsibility.

H. D. Davidson, deputy civil defence controller, reported to the committee that the Aetna Insurance Company has agreed to submit a quotation on the cost of coverage of civilian defence volunteers who may be injured.

Ald. Hanna said the city is faced with the risk of a volunteer fireman being permanently injured or killed. He said the city should either incur this risk or training classes proposed by Brig. J. C. Jefferson, civil defence controller, to start immediately, should be called off.

Commissioner Hodgson said there is a possibility the Workmen's Compensation Board would be willing to provide compensation if the city is willing to pay the expenses of this protection. He estimated this would amount to \$6 to \$8 per month for each volunteer. "We must have definite coverage before these fellows risk their lives on these exercises," he insisted.

Deputy Mayor Tanner maintained it is time the federal government assumed responsibility for such coverage. Commissioner Hodgson replied that the federal governments in both Canada and the U.S. had refused to do this.

City Solicitor Thomas Garside told Ald. Lawson he wouldn't like to say at present what claim an injured volunteer would have legally against the city.

Commissioner Mezieux suggested that Mr. Jefferson could begin classes immediately as probably the first few days instructions

Arrange Coverage Of Defence Crews

Workmen's compensation for Alberta civil defence volunteers who may be injured while training for their posts is being arranged by the province and the seven cities, it was stated at the legislative building Tuesday.

Provincial and civic officials in Edmonton feel that arrangements for compensation for volunteers injured while training will remove the greatest single handicap in recruiting civil defence workers.

Details of the plan have not been released by the provincial government and officials of the Workmen's Compensation Board. But Edmonton city council is being advised that the seven cities were engaging in the plan. Civic officials said the seven cities would pay off the compensation on a pro rata basis, at a rate of \$2 per \$100 of salary paid for similar civic workers, such as firemen and police.

Edmonton city commissioners Tuesday made formal application to the provincial government to have civil defence workers included in the agreement for Workmen's Compensation Board financial protection. The matter was discussed at city council meeting Monday night. (Further details on Page Five.)

Auxiliary Police Training Urged

Alberta's civil defence head, Hon. C. E. Gerhart, minister of municipal affairs, has asked Edmonton and other cities and municipalities in the province to start recruiting and training auxiliary police as soon as possible.

A letter from the minister, outlining a proposal from the R.C.M.P. to help train auxiliary police groups, was referred to Edmonton's civil defence committee Monday by city council.

The minister also states that the Alberta command of the Canadian Legion has been asked to help supply a large proportion of required police personnel in municipalities where Legion branches exist. Assistant Commissioner A. D. Belcher of the R.C.M.P. is making arrangements on the type of instruction to be given the recruits.

- Civil Defence
(Edm. & Alta)

Delay Training Defence Officials

Training of civil defence auxiliary policemen and firemen in Edmonton will be delayed until they are covered by compensation, the city civil defence headquarters said Thursday the civil defence committee has decided.

Negotiations are proceeding by which it is hoped such coverage will be provided by the Workmen's Compensation Board. This involves participation by all seven Alberta cities. Details now are being prepared by the provincial government.

Rather than have police auxiliaries trained by the R.C.M.P., the city expects to have the city police department look after it, the civil defence quarters said Thursday. It was added that probably an R.C.M.P. syllabus for such training will be followed.

The civil defence committee is planning to protest payment of \$350 to the Edmonton Public School Board for use of the lounge in Victoria Composite High School for 40 lecture periods for civil defence instructors. The committee feels use of the lounge should be free on grounds it is for a community purpose.

Defence Groups Protection Seen

A way to overcome the problem of compensation coverage for auxiliary firemen and policemen who engage in civil defence training was opened to city council Thursday. Training plans have

been held up here for lack of such coverage.

Council agreed to a plan forwarded to city commissioners by Hon. C. E. Gerhart, minister of municipal affairs and head of the provincial civil defence organization.

The minister informed the commissioners that the Workmen's Compensation Board will provide coverage in case of injury if all seven cities in Alberta apply for inclusion of civil defence workers under the Workmen's Compensation Act.

There will be no charge, as there are no wages or salaries involved. But any costs that may be sustained through accident will be charged pro-rata against the cities' account. Each city will be charged proportionately for the costs in any accident.

Ald. Bisset asked what "pro-rata" in this case meant. Commissioner Hodgson replied that if a man were killed in an accident all seven would be called upon to share in the payment in determined proportion.

Start Recruiting 20,000 for Alberta's Civil Defence

Committee On Civil Defence Proposes To Spend \$50,000

With a budget of \$20,000 approved by council, the civil defence committee is proposing to spend \$50,000, Ald. Hanna informed city council Monday night. He later told The Journal that the committee has not yet exceeded its authorized \$20,000 expenditure for the year.

The statement arose out of discussion of a report of the civil defence committee on compensation in case of accidents for civil defence volunteers.

Council objected to a committee recommendation that the city accept responsibility for accidents to volunteers in proposed summer training classes until such time as coverage is obtained for defence volunteers who might be injured.

Motion of Ald. Ford that the committee be authorized to obtain a report on coverage available for a special council meeting Thursday was passed.

The committee reported the mayor has been requested to initiate steps to have the provincial government accept responsibility for compensation in case of accidents to civil defence volunteers.

The committee has been informed that to date the provincial government has been unable to accept responsibility for compensation in case of accidents to civil defence volunteers.

Ald. Hanna said the city is faced with the risk of a volunteer fireman being permanently injured or killed. He said the city should either incur this risk or training classes proposed by Br. J. C. Jefferson, civil defence controller, to start immediately.

Commissioner Hodgson said there is a possibility the Workmen's Compensation Board would be willing to provide compensation if the city is willing to pay the expenses of this protection. He estimated this would amount to \$6 to \$8 per month for each volunteer. "We must have definite coverage before these fellows risk their lives on these exercises," he insisted.

Deputy Mayor Tanner maintained it is time the federal government assumed responsibility for such coverage. Commissioner Hodgson replied that the federal government in both Canada and the U.S. had refused to do this.

City Solicitor Thomas Garfield told Ald. Lawrence he wouldn't like to say at present what claim an injured volunteer would have against the city. Commissioner Menzies suggested that Mr. Jefferson could begin the first few days' instructions classes immediately as probably

Recruiting of 20,000 to 30,000 volunteers to carry on Alberta's civil defence plan went through initial stages Thursday evening as more than 100 industrial leaders, organization officials and citizens held a special meeting in the Edmonton Curling Club.

The meeting was called by Hon. E. Gerhart, chairman of the provincial cabinet civil defence committee, and G. R. Howsam, defence co-ordinator for Alberta.

was the start of the four-stage of the four-point program for civil defence in the province. He other three planning, organization and family training already are under way.

The main business was the preliminary organization of 14 committees, including training, communications, police and wardens, personnel, equipment and supplies, finance and pay, information and intelligence, transportation, and veterinary and agriculture.

Mr. Gerhart, Mr. Howsam and J. Lavoye, assistant to the co-ordinator, outlined the work to be done by the committees.

The committees will work in co-operation with the co-ordinator of civil defence. They will represent more than 270 municipalities taking part in the theme.

Mr. Gerhart said that 23 men ready had been given special defence training in eastern Canada and will pass on their knowledge to representatives of the various municipalities. The larger cities have arranged to hold special defence schools, while in the smaller municipalities special training will be given representatives in the defence scheme.

The minister said new headquarters for operation of the civil defence plan will be located at 46 st. and 103 ave. near the government radio range station.

Many organizations including Girl Guides, Red Cross, St. John's Ambulance Association, the I.O.G. O. E. have volunteered assistance. Mr. Lavoye stated that civil defence have been sent to the Alberta municipalities seeking information on what hospital accommodation, clothing, food and other essentials would be available in the event of a mass evacuation. These civilians will be returned by next week, he added, and then a complete report on the province will be tabulated.

Next meeting of the defence officials will be on June 19, in the Edmonton Curling Club.

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The minister also states that the Alberta command of the Canadian Legion has been asked to help supply a large proportion of required police personnel in municipalities where Legion branches exist. Assistant Commissioner A. T. Belcher of the R.C.M.P. is advising detachments on the type of instruction to be given, the letter said.

Ald. Bisset asked what "proportion" in this case meant. Commissioner Hodgson replied that if a man were killed in one city all seven would be called upon to share in the payment in a determined proportion.

But any costs that may be sustained through accident will be charged pro-rata against the cities' account. Each city will be charged proportionately for the costs in any accident.

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THE NEW YORK TIMES
JAN 11 1912
(MAY 1, 1912)

The mayor said also that
the council had to agree to
the plan to make it effective.
He also said that the recommend-
ation of the commissioners write
other cities urging them to par-
ticipate. He said the minister al-
ready had written but the city
would not.

Cities Pass Civil Defence Accident Compensation Plan

Six of Alberta's seven cities have agreed to a government proposal for compensation coverage of civil defence workers by an arrangement under the Workmen's Compensation Act, Mayor Parsons announced Tuesday.

Calgary, he said, is the only city which has not yet replied favorably to letters dispatched to them by Edmonton. He said this was due to a misunderstanding on the part of Calgary officials which is hoped now is clarified.

Under the government proposal all the cities in the province must apply for coverage by the compensation board before the plan becomes effective. Edmonton city commissioners wrote to the other cities urging them to accept the plan.

Under the proposal there will be an immediate charge to the cities of civil defence volunteers receive wages. Costs of compensation for accidents during defence training will be charged against the cities' account with the board and each city would be charged proportionately for the costs of any accident in any of the seven cities. The cities' account consists of funds paid on the basis of the number of civic employees and the number and seriousness of accidents each year.

Hon. C. E. Gerhart, minister of municipal affairs, has suggested at only auxiliary police and firemen be included under the plan to start with, the other defence volunteers to be brought in when they are "organized properly."

Service Of Civil Defence In Air Raid Demonstrated

A practical demonstration of how a main control room would operate in an air raid was given a civil defence class of instructors at Victoria Composite High School Friday night.

The demonstration brought to a conclusion a series of 10 lectures by Maj. D. A. Petrie, who was sent by the city to eastern Canada for a special course about two months ago.

Two classes have completed the course and two more classes will begin courses next week. Those taking the course are expected to relay the information they have obtained to their respective communities.

In Friday night's demonstration the control room was advised enemy planes were approaching. Later messages reporting damage came in. The messages at first were received by telephone by Girl Guides acting as receptionists. Boy Scouts acted as runners conveying the messages to civic department heads or members of departments who relayed the action to be taken in each case.

When a report was given that telephone communication had been put out of commission, amateur radio operators took over. The operators are members of the Edmonton branch of the American Radio Emergency Corps.

Three of the operators, Art Sherwin, Ted Holmes and Ray Usher, dispatched their messages from mobile cars which moved to various parts of the city. In the control room receipt of the messages was through Charles Harris, William Butchart and Sidney Jones.

Locale of the bomb damage was plotted on a large map of the city.

Maj. Petrie said that in an air raid messages would come from post wardens in community areas, up to sector wardens, subdivision wardens and then to the main control room, where co-ordination of civil defences takes place.

After the demonstration, questions were asked and criticisms given. Maj. Petrie took notes of what improvements or instructive variations could be included in future demonstrations.

Alberta Plans Bomb-Proof Defence Control Centre Here

Construction of Alberta's first bomb-proof public building, an alternate control headquarters for civil defence, is expected to start immediately in Edmonton, provincial officials announced.

The reinforced concrete headquarters is to be built at 10320 146 st. The provincial department of public works announced that the contract for construction of the centre has been awarded to Poole Construction Company on a bid of \$60,000. Five other bids were received.

The main headquarters for civil defence control in Alberta are at the provincial administration building on 109 st. In event of a raid emergency, the headquarters would rapidly shift to the new alternate control building, to maintain control work below heavy concrete and underground.

Citizens Object To Control Centre

A building permit cannot be issued for the proposed new provincial government civil defence headquarters at 146 st. and 102 ave. because the building would conflict with zoning laws, Mayor Parsons declared Tuesday.

He said that before a permit for this building could be issued, city council would have to authorize it.

The mayor said a petition has been received from residents in the area protesting the erection of the civil defence headquarters in the proposed location.

Start Made On Construction Civil Defence Headquarters

Sod for the new \$50,000 provincial civil defence headquarters at 146 st. and 102 ave. was turned Tuesday, Air Vice Marshal G. R. Howsam, Alberta civil defence co-ordinator has announced.

Speaking at the provincial planning committee council meeting in the Edmonton Curling Club, Air Vice Marshal Howsam stated that the new one-storey building with full basement will be reasonably good shelter for the headquarters but will not be bombproof.

The steel and concrete building will be connected by a radio communications network with all major points in the province through the lands and forests radio communications branch, whose transmitters and receivers will be moved into the new unit.

Amateur radio operators throughout the province will also be linked into the communications system with the defence headquarters.

On the upper floor of the 30 by 80 foot centre will be administrative offices and on the lower basement floor the main control room, board room and communications headquarters as well as heating and emergency power plants.

An emergency kitchen will be housed in the basement to feed civil defence staffs in case of an

enemy attack of long duration. Bunks will be installed for communications staffs, it was indicated. The basement will be air-conditioned.

The building, described as of attractive architectural design, will be surrounded by a five-foot bank of earth. The roof will be of steel and reinforced concrete.

Air Vice Marshal Howsam stressed that the property on which the building was being erected by Poole Construction, belonged to the provincial government. Radio masts existed on the property, it was serviced with power, gas, water and sewer and could thus be built at a great saving in "civil defence dollars."

He stated that it was close to bus route and yet remote from possible industrial military and administrative.

The meeting opened with a talk by A. E. Bridges, provincial fire commissioner who spoke on fire services of civil defence. He was introduced by Hon. C. E. Gerhart, Alberta minister of municipal and civil defence department head.

The next civil defence meeting is scheduled for August.

Link North Area For Civil Defence

Northeastern British Columbia municipalities of Fort St. John, Dawson Creek and Pouce Coupe will become part of Alberta for overall civil defence co-ordination purposes, Air Vice-Marshal G. R. Howsam, Alberta civil defence co-ordinator, stated Friday.

His statement made it clear that the B.C. government "will not invest itself of any responsibility in the civil defence organization of Fort St. John, Dawson Creek and Pouce Coupe, but these municipalities will be integrated with the Alberta towns across the inter-provincial boundary in the overall plan and will be supervised generally by the Alberta civil defence authorities.

Reason for co-ordinating the three B.C. communities with Alberta is because they are not easily accessible from southern or western British Columbia.

Too Late
 Mr. Parsons said Thursday he would show how many air raid sirens will receive, but he was not satisfied the 10-minute warning they will provide is long enough in advance of possible raid to protect the city.

AUG 31 1951
 Some months ago the city requisitioned 24 sirens to serve not only Edmonton, but Beverly and Jasper Place. No reply has been received as to the number that will be supplied.

The mayor suggested that sirens that would give air raid warning only 10 minutes in advance are not suitable. He thought that with present day scientific means, sirens could be devised that would give warning of when enemy planes leave bases in Moscow or anywhere else.

Mr. Parsons said the only answer to an enemy air attack is to get persons out of a target area before an attack begins. Ten minutes is not sufficient to accomplish this, he maintained.

He pointed out that in event of an air raid it would take three well persons to look after one injured person.

Defence Centre Site Approved

City council Wednesday approved location of a provincial government civil defence headquarters at 103 ave. and 146 st. after objections of spokesmen or petitioners against the location had been withdrawn.

Council's authorization of the location was necessary as the site contained one family dwelling only.

AUG 2 1951
 W. R. Stewart, spokesman for the petitioners, pointed out that the building would violate zoning laws and also that in 1940 or 1941 when the provincial government built a forestry department communications building in the area, a promise was given that no other buildings of this nature would be erected there.

Arthur Arnold, provincial government buildings superintendent, stated the government had no intention of contravening city zoning laws or embarrassing residents.

He said the reason the site for the building was chosen was that forestry department communications equipment was adjacent and to equip another building with the existing equipment would cost about \$65,000.

AUG 2 1951
 He displayed plans of the proposed building. After seeing the plans, Mr. Stewart acknowledged he was under a misapprehension as to the type of building planned. He said he did not think residents would object to the building the government intends to erect.

Ald. Ford moved the permit for the building be granted and council agreed unanimously.

City Civil Defence Survey Of All Buildings Nears End

A fire susceptibility survey of all buildings in Edmonton for civil defence purposes is expected to be completed in about two weeks. Hugh Davidson, deputy civil defence co-ordinator, stated Wednesday.

The more technical survey of buildings and their ability to withstand shock and their use as air raid shelters is not expected to take place for some time. It was indicated.

The Edmonton branch of the Engineering Institute of Canada has indicated it will support a survey of the city's buildings, but at present is awaiting directives on the method to be used. A committee has been set up to study the problem under the chairmanship of Thomas Main, city architect.

AUG 8 1951
Tremendous Task
 Mr. Main explained that, while the policy is to help in any way possible, it is not clear just how the engineers' technical knowledge can best be used in the survey. It will be a tremendous task to rate each building, he said.

A heavy program of construction is keeping city engineers busy during the summer, and further progress probably will be made this fall, it was stated.

The fire susceptibility survey was conducted by the use of the underwriters' maps, the city building inspector's records, and with the help of Jack Booth, city fire marshal and fire department records. Each building was rated on a point system based on its construction, distance from other buildings, height and contents.

Survey Of Schools
 A survey of city schools, carried out a few months ago, showed that most of the new schools are unsuited as shelters, Mr. Davidson said. The new schools, he said, have too many windows and in most cases shallow basements.

The school for civil defence instructors, held this summer at Victoria Composite High School, will end this week, he announced. This fall the instructors are expected to carry their knowledge to communities and industries.

Mr. Davidson said it is possible that next summer's school will give advanced training for the same instructors. It also is possible that some specialist training will be given, he said.

AUG 8 1951
 Word received Tuesday from dominion civil defence headquarters expressed hope that the rescue training wing of the defence training school will open next month, Mr. Davidson said. No one has been chosen yet to attend from Edmonton. It also is expected that an Edmontonian will attend the dominion's fifth general defence course next month.

City Supported In Defence Claim

City council will be advised Monday night that a half-dozen councils and boards of trade in western Canadian centres have endorsed Edmonton's recent resolution calling for the federal government to take all possible measures to provide adequate defence protection for this city and district.

The resolution calls for construction of "an adequate system" of highways connecting Edmonton with northern centres and the manufacturing cities of eastern Canada and the United States.

Endorsing the Edmonton resolution are the town of Minnedosa, Man.; the Yorkton, Sask., Board of Trade; the town of Foam Lake, Sask.; the Saskatoon Board of Trade; the Jasper Park Chamber of Commerce; and the City of Kamloops, B.C.

The North Battleford Board of Trade advises that the resolution will be considered at the board's next meeting.

AUG 13 1951
 G. H. Campbell, acting Kamloops city clerk, says: "It is felt that certainly for successful operations to defend Canada in the north and west in the event of war, the system of highways called for, plus highways south and west through B.C. from the Yellowhead Pass to the Pacific are an emergent necessity."

Defence Building Permit Issued

AUG 15 1951
 A building permit has been issued by the city for construction of the Alberta government's alternate civil defence control headquarters building at 10320 146 st. The building will cost about \$60,000. It will be two storeys high, constructed of reinforced concrete. Floor space will be 84 by 33 feet.

Transport Survey Made For Defence

A transportation survey listing key personnel in transportation positions in Edmonton has been forwarded to provincial civil defence headquarters, Hugh Davidson, deputy civil defence controller for the city, announced Thursday. Calgary is undertaking a similar report.

AUG 23 1951
 The request for such a report originated from the federal department of transport, which has asked the provinces and potential target areas to supply the information. Transportation is one of the main divisions of civil defence planning.

Defence School Opening At Olds

AUG 15 1951
 Provided so that centres unable to send representatives to Ottawa may obtain training for instructors, Alberta's own civil defence instructors' school will open its first course at Olds on Sept. 4. It was announced by Air Vice Marshal G. R. Howsam, provincial civil defence co-ordinator.

Lt.-Col. P. J. A. Fleming has been named commandant of the school. The course will be three weeks in duration, and the second course is scheduled to start Sept. 24. Up to 60 candidates can be accommodated on each course, and transportation, accommodation and instructional costs will be paid by the provincial government.

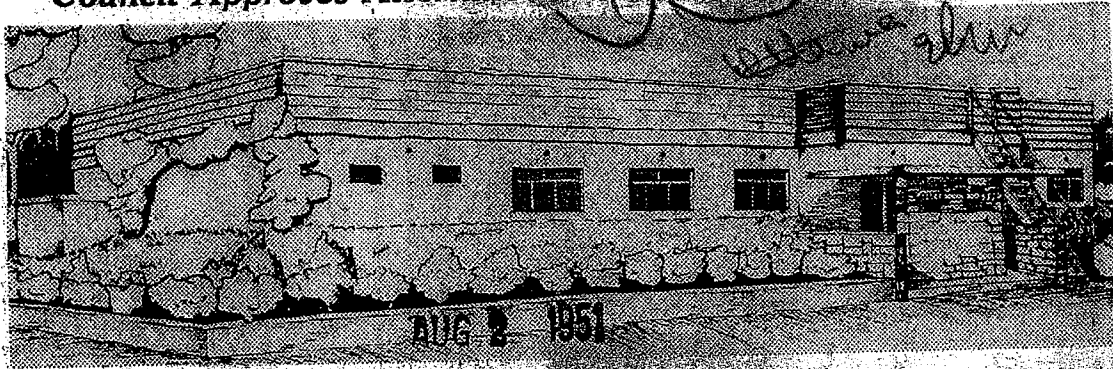
Candidates will receive instructions in these matters: description and protective measures for atomic, biological and chemical warfare; high explosive and incendiary bombs; damage control; radiological detection and decontamination; basic fire fighting; general civil defence organization and procedure; techniques of instruction. Successful candidates will train civil defence workers in their home communities.

AUG 15 1951

Handwritten: **Civil Defence**
(Edmonton)

THE EDMONTON JOURNAL, THURSDAY, AUGUST 2, 1951

Council Approves Alternate Civil Defence Centre On 146 St.



Site for the Alberta government's alternate civil defence control headquarters, at 10320 146 st., was approved at a special meeting of city council Wednesday, after petitioners withdrew their objections. The reinforced concrete control centre building is shown in this architect's drawing. Government spokesmen said it was imperative that the structure be erected adjacent to the forestry division communications building, to save \$65,000. Speaking for citizens who had petitioned in protest against the site, W. R. Stewart said he did not think residents would object to the building displayed in the government plans.

Outline Of War Gas Dangers

Little likelihood of gas attack in the event of war is seen by a war gas authority who addressed the sixth Alberta provincial defence meeting Tuesday in the Edmonton Curling Club.

R. E. Byron, supervisor of industrial arts, provincial department of education, speaking on "Chemical Warfare," said any attack on inland Alberta probably would be by atomic or incendiary missiles.

Mr. Byron said war gas can be released in vapor form or as a liquid being splashed or sprayed. The success of gas attack depends upon surprise," he said, "it is important to understand the dangers and limitations of gas warfare."

War gases are classified as persistent or non-persistent. The former are released in liquid form, said Mr. Byron. Where persistent gases penetrate such porous materials as soil or wood, the contamination may last for a long period. Non-persistent gases, such as chlorine, are released as vapor and are subject to rapid dispersal by the wind.

Heights Of Land Safest

Mr. Byron listed gases according to effect—nerve blistering, choking, nose and tear. He said the best protection for a gas attack is to wear non-porous clothing and a respirator. To escape from gas-contaminated areas one should move cross-wind the source, upward in buildings to heights of land, he advised, since war gas has a high density. The first Alberta civil defence training school will open at Olds Sept. 4. Maj.-Gen. F. F. Worthington, federal civil defence co-ordinator, presided at the opening ceremonies in the provincial school of agriculture. The public is invited to attend the ceremonies. Also in attendance will be Hon. E. Gerhart, in charge of civil defence in Alberta, and Air Vice-Marshal G. R. Howsam, Alberta's co-ordinator of civil defence.

Col. P. J. A. Fleming is commandant of the new school. Organizations such as St. John Ambulance, Red Cross, Boy Scouts and Girl Guides have been invited to send delegates to the school.

Student Expenses Paid

From 30 to 60 are expected to attend the first school, with about 10 attending the second. "We want to train as many Albertans as possible in civil defence," the speaker said, "so no limit has been placed on the number attending." The provincial government will pay all "students' expenses," exclusive of wages, while at the school, he added. "Content Centre," a motion picture, was shown at the meeting, followed by various teams and committees worked together on a problem. Following the meeting, individual com-

Ottawa Lack Of Leadership For Civil Defence Scored

OLDS, (CP)—Air Vice-Marshal George R. Howsam of Edmonton, civil defence controller for Alberta, Tuesday accused the federal government of "indecision" and "lack of leadership" in civil defence organization.

He urged that a non-political commission be set up to determine Canadian civil defence requirements. The commission, set up on a national basis, would be made up of representatives of all sections of the country.

Air Vice-Marshal Howsam also called for an "equitable arrangement" which would share the provision of civil defence funds among federal, provincial and municipal governments on what he termed a realistic basis. The proposed commission would deal with this problem.

Alberta's civil defence chief spoke at the official opening of the province's first civil defence training school here. Maj.-Gen. F. F. Worthington, federal co-ordinator of civil defence, declared the school open.

Hon. C. E. Gerhart, provincial minister in charge of civil defence, also demanded a statement from Ottawa on civil defence policy.

He said the federal government had not provided any indication of how fast and how far civil defence organization should go ahead or what degree of help would be provided by the dominion.

Dominion Obligation

"We will proceed to organize civil defence for the entire province," Mr. Gerhart said. "However, if there is a single act of war, on any part of Canada, from within or without, the cost of civil defence should be borne nationally."

"Civil defence is a provincial duty until there is a single act of war; then it becomes a dominion responsibility whether it has been announced that way by the dominion or not."

Answering criticism of federal policies, Maj.-Gen. Worthington said the dominion civil defence policy was to develop the organization slowly on a firm foundation.

The federal government was

working co-operatively with all levels of government. However, there were many "cracks and holes" in the policy and "much room for violent criticism."

He spoke of warning systems which were being extended from air defence control centres to possible target cities. Contracts had been let for the supply of warning sirens and they would be "coming as fast as they come off the line."

Other speakers at the opening of the school were Lt.-Col. E. H. Parsons, Calgary controller, and Brig. J. C. Jefferson, Edmonton controller.

Edmonton Instructors

The students—from all parts of Alberta—will train under the guidance of Lt.-Col. P. J. A. Fleming of Edmonton, camp commandant. Instructors for the course, which will turn out instructors trained in civil defence, are M. J. Bedard, Fred Jamieson, Robert E. Byron and M. W. Darling, all of Edmonton.

The course will consist of lectures and practical instruction in protective measures against atomic, biological and chemical warfare; protective measures against high explosives and incendiary bombs; damage control; radiological detection and decontamination; fire fighting; civil defence organization and procedure, and instructional techniques.

Civil Defence Best In Canada

Alberta's civil defence organization, according to Gen. F. F. Worthington, dominion co-ordinator, is the best in Canada, Premier Manning said Tuesday.

The premier said this was all the more remarkable in view of the fact that all Alberta civil defence officers and workers are volunteers, without pay.

"Gen. Worthington said our setup was the best in Canada," stated the premier. "I should like to publicly express the appreciation of the government for the splendid co-operation and assistance of our civil defence officials and other workers devoting their time to it. Volunteer workers headed by Air Vice-Marshal Howsam, who is on loan from his company to act as a unpaid co-ordinator for Alberta, are doing an exceptional job."

Set-Up Explained Of Civil Defence

The purpose of a civil defence control centre is to collect information and give direction in case of an emergency, according to J. A. Harle, professor of electrical engineering at the University of Alberta, who spoke at the Alberta civil defence meeting in the Edmonton Curling Club Tuesday.

Prof. Harle said there were four types of control centres—national, provincial, city, and those for smaller municipalities. In the event of an air raid, the city office would collect all damage information from the various wardens stationed throughout the city. In the operations room would be the controller, and representatives of the police, fire, ambulance, rescue, and city utilities. These men would then dispatch to the bombed area any teams which might be needed.

The city or municipal centre would then dispatch damage reports to the provincial office, who in turn would forward information to the national body, the speaker said.

The staff of a city control centre should include besides the controller and his aides, a mapping officer, recording officer, clerk, coding officer, and a communications staff including telephonists and radio operators. There should also be several "spotters" in high buildings to watch for fires, he added. Because the staff would be on 24-hour call, living accommodation should be provided, he said.

Prof. Harle said that nearly all personnel would be volunteers. He suggested that team training be carried out on a national basis, so teams from different cities would be interchangeable. For example, if Calgary was short several workers, then Edmonton or any other city could send competent replacements.

Air Vice-Marshal G. R. Howsam, Alberta's co-ordinator of civil defence, said that danger of an atomic bomb attack has "greatly accentuated" the need for civil defence. He said that 34 persons, including eight women, registered at the first Alberta civil defence training school being held at Olds. He stated that about 60 are expected to enroll at the second course starting Sept. 24.

A film outlining the construction and operation of the German A-4 rocket, used in the Second Great War was presented.

Defence Set-Up

Northern British Columbia is to be brought into Alberta — at least one official way — Friday and Saturday nights, when Alberta defence heads visit Dawson Creek and Fort St. John.

Hon. C. E. Gerhart, provincial minister in charge of civil defence, Vice Marshal G. R. Howsam, Alberta co-ordinator, and Col. J. H. Gerhart, assistant co-ordinator, will visit the two northern towns. "The purpose is to bring northern B.C. officially into the Alberta civil defence system," said Mr. Gerhart. His move was decided by federal, Alberta and B.C. officials some time ago, on grounds that civil defence organizations in northern B.C. can be better co-ordinated with the Alberta system. The Alberta officials will attend a meeting in Dawson Creek Friday night, and a meeting in Fort St. John Saturday night. Controllers and officials of local set-ups will be appointed to start the organization.

Defence Graduates Receive Diplomas

Graduates from Alberta's new civil defence instructors' school at Ft. McMurray will be presented with diplomas, it was announced Tuesday by Hon. C. E. Gerhart, provincial secretary and the minister in charge of civil defence.

Bearing the scroll-work heading, "Civil Defence Technical Training School," the diplomas will certify that the graduates are qualified as civil defence general instructors. Depending on which subjects are applicable in the case of each graduate, the diplomas will certify that the graduates are qualified to give basic instruction in the civil defence aspects of atomic, biological and chemical warfare, high explosive missiles and firefighting.

The diplomas will be signed by

Asks Co-ordination in Road Programs

Edmonton will take the leadership in setting up a joint relations committee between the cities of Winnipeg, Edmonton and Vancouver in co-ordinating of facts relating to western highways for civil defence purposes, H. D. Ainsley, president of the Trans-Canada Highway (Yellowhead route) Association, announced Friday, following a meeting of the association executive.

Mr. Ainsley, former mayor of Edmonton, said co-ordinated planning among the three cities is essential if development of roads adequate for defence must remain the responsibility of the provincial governments. He pointed to the international situation as reason for preparedness in every phase of military defence.

Mayor Parson will head Edmonton's representation on the planning committee.

Defence Officials Urge

A sense of humor is said to be essential, even in the serious matter of civil defence, with result that Alberta Civil Defence heads in Edmonton are "not worried" about a letter circulating throughout the province "poking fun" at the duties of wardens.

E. H. Parsons, Calgary civil defence administrator, is so exercised over the letter that he has said an investigation has been launched into the matter to ascertain whether "it is a subtle form of sabotage against civil defence efforts," according to reports from Calgary.

Chiefs of the Alberta civil defence organization in Edmonton all have seen the letter, and while they declined official comment Wednesday, it is known that most of them laughed over it.

One man recalled the many similar letters that passed around England throughout the Second Great War, poking fun at air raid wardens, members of the world-renowned National Fire Service and other civil defence organizations in the embattled British Isles.

"The British always retained a sense of humor that made such letters and humorous sets of rules morale boosters rather than subversive literature," he recalled. "To have taken them seriously would have been doing the very thing that Hitler sought. Should this current Alberta letter about civil defence be subversive by design, which is doubtful, the way to make it a success would be to take it seriously. Laugh at it and with it and any devious purpose it might have is defeated completely. Subversive activities never can succeed against a good sense of humor."

Defence Program Satisfies Ottawa

That the federal government is well satisfied with Alberta's civil defence preparations is indicated in a report received from Ottawa by provincial defence authorities.

The Alberta organization is described as "well thought out," according to information released by provincial secretary C. E. Gerhart.

"Alberta has an active information program," the report continues, "and 120 specialists on its provincial planning group. All the larger cities and 43 other municipalities have been organized."

20 Raid Sirens Slated For City

Sirens for Edmonton civil defence program will be delivered before the end of the year, Mayor Hawrelak said.

About 20 sirens will be sent from Ottawa at the expense of the federal government. Of the total, 16 will be installed in the city proper and two each at Beverly and Jasper Place.

The city already has two sirens, which were bought some time ago, but the new ones are expected to be a different type.

Civil Defence Program Starts In 45 City Districts Soon

Organization of civil defence instruction and work will begin in Edmonton communities within the next few weeks, Mayor Hawrelak announced Thursday.

The city has been divided in 45 districts, with boundaries corresponding roughly with existing community leagues, he said, and civil defence organizations will be established in each district.

The responsibility for organizing the districts has been assumed by the community leagues, the mayor stated. The leagues have offered full co-operation, providing training facilities where available and help in organizing the district units.

50 Trained Instructors

Instruction will be given by 50 qualified teachers, who have received their training from civil defence instructors trained at Ottawa under the federal civil defence organization.

Mayor Hawrelak said the program includes training aids that will give a good grounding to Edmonton citizens in civil defence activities. Brochures, films, registration and identification cards and equipment such as respirators are available, he added.

"First we will give basic instruction in protection from any possible attack, including how to reduce the effects of atomic bomb raids," the mayor said. "Committees will be set up in each district and will contain sections for firefighters, warden services and welfare workers."

Meeting Monday

It is expected that the organizations will be established soon after next week, the mayor said. Community league presidents are to meet Monday to consider the leagues' part in the organization.

Edmonton is the first Alberta city to organize on the community level, the mayor said. "The time now has arrived for the citizens to know more about the work done by the civil defence committee. We appeal to all citizens to take part in the work of civil defence in their own district and to hear the lectures and participate in the instructions."

Highlights on the program include

lectures on biological effects of radiation, nursing problems in mass disaster, nursing care of trauma and burns, nursing care of radiation sickness.

This is the fifth course of its type to be held in Canada. Sponsors hope to prepare some 500 nurse instructors across Canada through the travelling team.

defence experts is boosted by two, Hugh Davidson, deputy civil defence controller, said Tuesday. He has received word from the federal technical training school at Ottawa that Det. Frank Kingzett of the city police force and Roy Feather, fire department, have successfully completed courses at the school.

Det. Kingzett, who attended the general course, qualified for a special certificate which indicated an average mark of more than 85 percent. Mr. Feather, who took the rescue course, qualified with a basic instructor's certificate.

Both will become instructors with various civil defence departments and will organize training courses.

Others who have completed courses are Mr. Davidson, John Farina, superintendent of the recreation commission who qualified as an instructor in atomic, bacterial and chemical warfare, and W. D. Kirkland, electrical engineer at the power plant.

Three more men, from the waterworks, engineers and city transit departments will be sent to courses starting early in 1952, Mr. Davidson said.

93 Nurses Take Defence Course

A four-day course for nurses on "Nursing Aspects of Atomic, Biological and Chemical Warfare" opened in Convocation Hall on the University of Alberta campus Tuesday with 93 nurses attending.

The program, sponsored by the federal civil defence health planning group, trains the nurses to "treat the masses in any emergency."

Lecturing are Miss M. I. Walker, senior nursing consultant, industrial health division, department of national health and welfare; Miss E. J. Robertson, assistant to the federal superintendent, Victorian Order of Nurses, and Miss E. A. Pepper, nursing consultant to the civil defence health planning group.

Also speaking on the program are Dr. G. E. Fryer, medical consultant to the civil defence health planning group; Dr. E. A. Watkinson, medical consultant of the health radiation section, national health and welfare, and P. M. Bird, physicist with the same section.

Students on the course come from all parts of the province and were carefully screened by the Alberta Association of Registered Nurses, under the direction of Mrs. C. Van Dusen, registrar.

Courses for nursing assistants to be instituted in D.V.A. hospitals, a civil defence measure, will be in the health and welfare.

Hon. Hughes Lapointe, minister of veterans' affairs, has announced that these courses will be financed by the department of national health and welfare.

While the first group of assistants will be trained at Sunnybrook Hospital in Ontario, it is anticipated that the program will be extended to veterans' hospitals in other provinces. Courses in Ontario will meet the requirements of the provincial health department.

The course will be for a class of 10 students and will last for nine months. The first course will begin in January, another in April and a third in September. Applicants may be male or female, must be residents of Canada, between the ages of 18 and 40 years, in good health and have completed one year of high school or its equivalent.

The students will be required to pay a tuition fee of \$40.00 but they will receive a \$70.00 monthly allowance during their training. They will be provided with materials for uniforms and classroom necessities. Those who successfully complete the course will have their qualifications registered.

Mr. Lapointe has pointed out that in a national emergency the present courses, which are critical, would be even more important. Nursing assistants trained under the present Ontario program together with those it is proposed to teach at other veterans' hospitals could play an important part in relieving the shortage. They would be invaluable for civil defence requirements.

Trained nursing assistants will be employed primarily in hospitals and it is felt that the reinforcement they will lend to the existing nursing services in D.V.A. hospitals will result in even better care for the patients.

At Sunnybrook Hospital the students will be taught nursing procedure including bedside care of chronically ill and convalescents, and other subjects necessary to qualify them for home nursing. Instruction at Sunnybrook will be under the direction of Miss Marjorie Russell, R.R.C., D.V.A. nursing consultant, who served as matron-in-chief for the Royal Canadian Navy during the Second Great War.

Five More Districts Set Up Civil Defence Organization

Provincial civil defence authorities reported Tuesday that five additional towns and municipal districts have set up civil defence organizations.

The five are Dawson Creek, B.C., the municipal district of Stony Plain, and the towns of Strathmore, Athabasca and Bassano.

Two municipalities have established civil defence units. They are the municipal district of Flagstaff, incorporated with the villages of Forestburg, Alliance, Strome, Killam and Lougheed, and the municipal district of Mountain View, incorporated with the towns of Olds and Didsbury and the villages of Carstairs and Crossfield.

It also was announced the provincial technical training school for civil defence instructors will re-open Jan. 28. First courses will be for rural candidates who were unable to attend spring to autumn sessions. Detailed information regarding the course will be mailed to municipalities.

67 Municipalities In Defence Plan

Sixty-seven Alberta municipalities have been organized under the province's civil defence program.

The town of Oyen, in southeast Alberta, was organized for civil defence at a meeting last week. Defence controller at Oyen is M. Holman.

Attending the organizational meeting at the southern centre was Hon. C. E. Gerhart, minister of municipal affairs. Mr. Gerhart said Tuesday the town is making speedy progress in recruiting and training defence workers.

Defence Wardens School Planned

A school for civil defence wardens and instructors will be held in Edmonton Jan. 28, Hon. C. E. Gerhart, minister of municipal affairs, reported Thursday.

The school, to be held at the St. John's Ambulance building on 108 st., will be for the benefit of rural defence workers who were unable to attend the Olds school for civil defence during the harvest season.

Mr. Gerhart estimated more than 100 persons will attend the school at Edmonton. The provincial government will pay trainees' transportation and lodging expenses. The school will be conducted by instructors who attended the summer civil defence school at Ottawa.

Scheme Covers Defence Workers

Workmen's compensation benefits have been and are available to all civil defence workers in Alberta, Hon. C. E. Gerhart, provincial secretary, said Friday.

Mr. Gerhart was commenting on an announcement Thursday that the federal government will pay half of compensation costs which provinces may provide for civil defence workers injured during duty or training.

"Alberta will enter into an agreement with the federal government to continue compensation benefits under those terms," Mr. Gerhart said.

He described the program announced by federal defence authorities as being "of great benefit" in encouraging compensation benefits for civil defence workers in the provinces.

Hon. Paul Martin, federal minister in charge of civil defence, said at Ottawa he believed the compensation decision will remove a barrier against recruiting for local civil defence organizations.

Civil Defence Instructor Named

D. A. Petrie, teacher at Westmount school, has been named full-time chief of instructors in the Edmonton civil defence organization, Hugh Davidson, deputy civil defence co-ordinator for the city, announced Thursday.

Mr. Petrie will be released for the job by the Edmonton Public School Board for the six months until June, Mr. Davidson said. The board will continue to pay his salary and will be reimbursed by the city.

Plans are proceeding, he said, to continue the civil defence training program on the community level. Instructors and equipment now are available.

Defence Building Ready In Month

The new civil defence headquarters at 146 st. will be ready for use in about a month, Hon. C. E. Gerhart, minister in charge of provincial defence, stated Monday.

Estimated cost of the building is \$60,000. The new headquarters will house communications facilities and committee rooms for the province's civil defence planning organization.

Defence Offices To Open Soon

Edmonton's civil defence headquarters and the central buying purchasing office soon will be located in new offices.

The new civil defence office under D. A. Petrie, will be located in the Family Allowance Building at 100 st. and 102 ave. Present occupant, an insurance firm, rents the premises on a month-to-month basis and has been requested to vacate at the end of January.

Also to be located in this building will be the equipment which will be used in micro-filming thousands of city documents.

The purchasing department head offices will be moved from the old city stores building at 96 st. and 105 ave. to the building formerly used by the A.M.A., south of the family allowance building.

The appointment of a new purchasing agent to succeed J. T. McCreath, whose service ended Dec. 31, will be made this week.

75 Civil Defence Groups Are Listed

Alberta's civil defence organization now extends into six cities, 30 towns, 18 villages and 21 rural districts, it was reported Wednesday.

Altogether, there are 75 civil defence organizations in Alberta, including that at Edmonton.

Thirty-four Alberta personnel have attended federal training schools at Ottawa and Borden, Ont. Another 69 have completed courses at the provincial training school at Olds.

A second provincial school is to be opened in Edmonton Jan. 28. Civil defence instruction will be given at the St. John's Ambulance building on 108 st.

Hon. C. E. Gerhart, minister in charge of civil defence, said provincial government officials are expected to attend an official opening ceremony when the Edmonton school begins its operations.

Also numbered in the ranks of Alberta's civil defence workers are 93 nurses who have graduated in civil defence training following instruction at the University of Alberta.

Defence officials said Wednesday large quantities of equipment, including respirators, steel helmets and "radac" sets for monitoring radioactivity, have been transferred to municipal organizations.

Additional supplies, it was stated, are expected shortly from federal civil defence headquarters.

—EDMONTON—

Courses Designed For Civil Defence

Two new types of first aid courses designed for civil defence workers will be used in Edmonton, Hugh Davidson, deputy civil defence controller for Edmonton, said Wednesday.

The courses were included in an agreement made recently between the federal government and the St. John Ambulance Association. The association received \$100,000 from the federal department of health and welfare for the training of 100,000 persons in target areas across Canada.

The courses include a basic first aid course, to be given to all civil defence volunteers, and an advanced course for specialized groups such as rescue, ambulance and health volunteers.

25 Start Monday

The first basic course will be opened Monday at the Riverdale Community League, with about 25 registered volunteers attending.

Mr. Davidson explained that many first aid courses were given last year, but the syllabus followed was the regular St. John Ambulance training. The new courses have been streamlined and include "battle" first aid, and treatment for particular types of injuries.

The Edmonton civil defence authorities applied to E. C. Emmott, provincial supervisor of the association, requesting the course be established here. The association provides the textbooks and training aids as well as qualified instructors.

Give "Fundamentals"

Regular civil defence training will start next week in two community leagues. Mr. Davidson said. Classes will be given in basic fundamentals required by all volunteers.

The ten-week courses will start at the Strathcona league Monday and at the Westmount league Thursday. "This is just a beginning of the winter training," Mr. Davidson stated. "We hope to have several other groups organized before long."

The instructors for the courses were trained last year and are headed by D. A. Petrie, chief instructor, with training headquarters to be located next month in the family allowances building.

400 To Attend Defence Courses

The response to the campaign for civil defence volunteers has been "encouraging," but it is hoped that several more classes will be organized this winter, Hugh Davidson, deputy civil defence controller for Edmonton, stated Friday.

Two courses in basic defence training have started and about 13 more will be established in the next week or two, he said.

The 15 courses will be given to approximately 400 to 500 persons, Mr. Davidson estimated. The goal set earlier was 1,000 volunteers and it is hoped this will be reached before spring.

The courses are being given in

Of Civil Defence

Modern long-range aircraft and the "big" bomb have wiped out the immunity of Canada and the United States from wartime attack, members of the Edmonton Rotary Club were told at their regular luncheon in the Macdonald Thursday. Speaker was Air Vice Marshal George Howsam, civil defence co-ordinator for Alberta.

Mr. Howsam was speaking on the need of an adequate civil defence organization to meet any emergency that the present unsettled world situation might thrust upon this continent. He also outlined briefly Alberta's development so far, and said that while a good start had been made, a big job remains to be done.

Immunity Gone Forever

"For centuries we were safe from attack as Britain's navy was supreme and our great 'ice curtain' in the north protected us from any enemy approach from that direction," the speaker said. "That immunity from attack is gone forever," he added.

Mr. Howsam stressed the responsibility this situation places on every citizen. This continent is recognized as the arsenal of democracy, he said, adding that enemy air action, in case of war, would be a real threat to that vital production of materials. "Anyone who can disrupt our production stands a good chance of victory in any conflict we may face," he said.

If we are to protect ourselves against destruction, we must take stern and decisive steps to prevent it. We must have the mobility of mind to meet the rapidly deteriorating situation in the world today, he said.

Here To Stay

Civil defence is here to stay and in our case it must be an organization which embodies our entire civilization, he said. Without it, our production effort will slow down, our home front crumble and no army, navy or air force can continue the fight for long when the home front has disintegrated, the speaker added.

If and when the "balloon goes up" on the Third World War, every important production centre or strategic area must be fought to the last stand. Our individual part might be anything but our motto must be "fight for your farm, your town, your village, your city," Mr. Howsam told the meeting.

Historians of the future will mark the awakening of Canadian and American peoples to the need for civil defence as one of the firmest steps toward winning the cold war, he added.

"We must stick it out, work it out and win," he concluded.

period of 10 weeks by instructors trained in dominion civil defence courses. D. A. Petrie is chief instructor.

Most of the courses will be given in space rented from the Edmonton Public School Board. Mr. Davidson said about 20 persons are regarded as a minimum

Police, Firemen To Take Course

Special civil defence training for Edmonton's police and fire departments will begin as soon as suitable training programs are completed, it was announced Thursday.

Hugh Davidson, deputy city controller of civil defence, explained this is the first phase for police and fire fighters in connection with civil defence. The second phase will concern the training of auxiliary workers in these fields.

Det. Frank Kingzett will head the instruction in the police department and Capt. James Lauder in the fire department. Both men have taken advanced training at schools sponsored by the dominion government civil defence organization.

The training will include an indoctrination course in which the regular members of the two departments will be shown the overall organization of the civil defence set-up and the method of co-ordination and co-operation between various sections.

Special problems of the various types of attack will be studied, including the recognition and defence of atomic, bacteria and chemical attacks.

The police force will receive instruction in anti-sabotage work, traffic control and general maintenance of law and order that would be required in the event of an attack.

The internal training of the departments will be supplemented by recognized experts in different types of warfare and defence.

The training course for auxiliary police and firefighters are not expected to begin this winter, as efforts will be directed at the training of the regular forces. The auxiliary forces will be composed of civil defence workers who take basic training in this year's community league programs and who show a desire to take the more specialized training, Mr. Davidson said.

Meanwhile efforts to speed up the basic training in civil defence and the recruiting of volunteers through the community leagues and other organizations will begin later this week. Courses already have begun in several league centres, under the direction of D. A. Petrie, chief instructor, and a staff of 100 trained workers.

33 Take Course In Defence Work

The first of three planned two week courses in civil defence instruction at Edmonton opened Monday in the St. John's Ambulance building on 108 st.

Attending were 33 civil defence workers from all parts of the province.

The trainees will receive instruction in fire fighting, respirator and first aid work, chemical and atomic warfare, and allied civil defence subjects.

At the end of their two weeks' training, they will return to their respective municipal organizations and pass on the instruction they receive here to local defence workers.

About 100 civil defence instructors are expected to attend the three courses planned at this city.

Hon. C. E. Gerhart, minister in charge of civil defence, and Air Vice Marshal G. R. Howsam, civil defence co-ordinator, officially opened the school on Monday.

"Commandant" of the training school is Col. A. J. Lavoie, assistant defence co-ordinator for the province.

Instructors are F. G. Jamieson, of the provincial defence organization; Murray Bedard, from the fire commissioner's office; W. E. Frame, department of education; E. C. Emmott, St. John's Ambulance; E. Tyler, department of health; S. Germaniuk and A. R. Edinga, department of public works; Prof. J. A. Harle and Dr. K. Newbould, University of Alberta, and J. Zahab, of the federal civil defence organization.

Classes Directed In Civil Defence

Encouraging residents of Edmonton to participate in the classes and study of civil defence, Brigadier J. C. Jefferson, director of Civil Defence for the Edmonton area, spoke to the Crestwood and Capital Hill Community League, Wednesday night on the organization of the defence system.

The plans include the whole city which is divided up into five main divisions, two on the south side and three on the north. These divisions are sub-divided into districts of which there are 45, said the speaker, allotting roughly nine to each division.

Under the 100 trained instructors available each district would be given a class of one hour, once a week for 10 weeks, which is the period of the course, said Brig. Jefferson. Those attending will learn protection in the event of atomic warfare, action in any type of war, and a basic knowledge of fire-fighting, among other things.

The teaching of civil defence, said the speaker applies not only to war but to any case of disaster or emergency, and will teach people how to adapt themselves in danger of such types.

Playing a major part in such an organization are the Community Leagues of each district, Brig. Jefferson continued. King Edward Park and Westmount leagues already have started classes.

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In his series of talks to various groups, Brig. Jefferson indicated that it is with the endeavor of setting up classes in each community. The Crestwood and Capital Hill League will meet next Monday to set a date for the first of their classes.

During the last week, said Brig. Jefferson, he received 100 inquiries from other groups organizing, "which shows we are making some progress," he added.

Journal
Feb 6/1952

Civil Defence Headquarters In Edmonton Organized

The time-honored proverb that "an ounce of prevention is worth a pound of cure" is finding new meaning in Alberta's civil defence organization.

It will be with that thought in mind that the province's newly-built civil defence alternate headquarters on Edmonton's western outskirts is placed in operation.

Government, civil defence and military leaders were to attend ceremonies marking the official opening of the headquarters building Wednesday.

But the opening ceremonies of the \$65,000 building have been cancelled for the time being because of the death of the King.

Air Vice Marshal G. R. Howsam, chief co-ordinator of civil defence in Alberta, was to have officiated.

Located at 10322 146 st., the building is the first of its kind in Canada. It encloses committee rooms, communications room, offices, operations room, an emergency kitchen and special ventilation features. Started in June, 1951, construction work now is virtually completed.

"Alternate" Headquarters

The structure has been named "alternate" defence headquarters, officials explain, because at a later date the province expects to open another headquarters with additional facilities which experience will show will be required. In the interim, official civil defence headquarters still is located in the offices of Hon. C. E. Gerhart, minister in charge of civil defence.

In the event that Canada should be attacked by a foreign nation, the building on 146 st. now is designed to serve as co-ordination centre for the province's defence efforts. A communications network centred at the new headquarters would keep key defence personnel apprised of developments in every corner of Alberta. From the Edmonton office would be directed all defence workers everywhere in the province.

Lower quarters of the building are underground including the power plant and half the upper. A concrete wall of dirt and concrete checks the exposed top

"A direct hit by an enemy bomb could put us out of business," Air Vice Marshal Howsam admitted. "But, if we suffered anything but a direct hit, we would be adequately defended."

Near Highway "Ring Route"

Location of the headquarters, far from Edmonton's downtown area, was selected because of its proximity to a main highway "ring route," and because the site is far removed from any major military target such as the municipal airport and major industrial units.

The civil defence "nerve centre," when completed, will include the "most comprehensive communications system of any province in Canada," according to Vice Marshal Howsam. Organization of the central communications system is in the hands of Anthony Earnshaw, radio superintendent for the provincial department of lands and forests.

Under Vice Marshal Howsam, a permanent staff of six men and four women will occupy the new administration centre. Hundreds more will make the building their headquarters to direct defence work throughout the province in case of emergency.

No major items of equipment yet have been moved into the building. Permanent staff members will occupy their offices within a month. Equipment will be installed "as it becomes available," according to Col. A. J. Lavoie, assistant to the defence co-ordinator.

Vice-Marshal Howsam indicated that the building and the province's corps of volunteer civil defence workers will get their first real test this summer when a mock "invasion" of Alberta is to be staged. By summer, defence authorities hope to have all Alberta municipalities organized for a province-wide tactical exercise.

Civil Defence

Alberta will waste no time preparing civil defence plans, and within the next two weeks will set up a co-ordinating committee including representatives from all cities and municipalities in the province.

This was announced by Hon. E. Gerhart, provincial secretary and minister of municipal affairs, at the conclusion of a cabinet meeting at noon Wednesday. "The cabinet has agreed to co-ordinate 100 percent in the dominion government's civil defence plans, and no time will be lost in getting the working machinery motion," he stated.

Already, four men have been selected from the Alberta government, and will be sent to eastern Canada to study the latest techniques in combatting possible atomic warfare, the minister stated. One will be Col. E. (Ted) Brown, of Edmonton. Two representatives from the fire commissioner's office, and an official from the department of health complete the quartet.

Planning Inducted to Defence Meet

HELENA, Mont., (AP) Gov. John G. Bonner Thursday called an international conference to an joint civil defence event any enemy action. He asked U.S. officials, governors of western states and Alaska and members of free Canadian provinces to join him at a meeting here Sept. 21.

Invitations went to Premiers Hanson of British Columbia, Manning of Alberta and Douglas of Saskatchewan.

Three Fro Take Special Course

Three provincial government employees will leave later this month for Camp Borden to attend the special course arranged by the federal government on defence against atomic and bacterial and chemical warfare. Hon. C. Gerhart, minister of municipal affairs, provincial secretary and chairman of the Alberta defence committee, stated on Monday.

The Alberta representatives to the first course will be E. "Ted" Brown, chairman of veterans' affairs for the provincial government; J. Bedard and E. Tyler, of the department of health. The course opens on Oct. 2 and will last for three weeks.

A. E. Bridges, provincial fire commissioner, will attend a later course along with selected representatives from other cities in the province. The cities will be asked Monday to name their representatives and forward their names to Mr. Gerhart. They will make up the co-ordinating committee in the province's civil defence plans.

complete plans in the defence plans.

Mr. Gerhart said that an inventory of all fire fighting equipment in the province is under way, and that all organizations such as the Red Cross, the St. John Ambulance Association, Boy Scouts, Girl Guides and other groups will play an important part in the provincial defence plans.

Mr. Gerhart recently returned to Edmonton after attending a dominion conference on defence plans.

A meeting of defence officials from British Columbia, Alberta, Saskatchewan and also from the United States has been called for Helena, Mont., on Sept. 21. The Alberta cabinet on Monday probably will delegate Mr. Gerhart and other officials to attend the joint conference.

An invitation to the Helena conference was extended to Premier Manning last week. Prior to the cabinet meeting on Monday, the premier said he did not know if he would be making the trip.

Name Second Man To Defence Course

First Alberta centre to act in preparation of its civil defences, Edmonton Friday named its second representative for special defence training against atomic and other types of warfare.

Assistant Chief George Williamson, fire department instructor, was named as the city's second representative to the special dominion-provincial training courses which will begin at Camp Borden, Ont., on Oct. 2. Thursday, Acting Mayor Hanna stated that City Safety Officer Hugh Davidson also would take the course.

Hon. C. E. Gerhart, Alberta minister of municipal affairs who is organizing the province's civil defence program, asked the city to nominate the two representatives. He said Edmonton was the first community to take action on his request, which went to all centres in the province.

Some of the Alberta government's own civil defence representatives will take the first course at Camp Borden, but the Edmonton representatives will attend a later course. Objective of the three-week courses is to train personnel in the latest civil defence methods. These representatives will in turn train civil defence personnel in their home communities.

Edmonton Takes First Step In Civil Defence Program

Edmonton Thursday began building civil defence machinery on a pattern approved jointly by the federal and Alberta governments.

As an initial step, City Safety Officer Hugh Davidson has been named by city commissioners as one of two city employees to go east for a special Camp Borden training course in combatting atomic and other warfare. Acting Mayor Hanna said a second representative now is being considered.

The appointment of two city representatives was requested in a letter from the Hon. C. E. Gerhart, Alberta minister of municipal affairs who is organizing Alberta's civil defence plans along lines agreed upon in a recent dominion-provincial civil defence conference.

"Safety Officer Davidson and the second city representative," said Acting Mayor Hanna, "will take the special civil defence course at Camp Borden, where defence against possible atomic warfare will be studied along with other types of defence. The pair then will return to Edmonton and instruct other members of civil departments and personnel of Edmonton's civil defence set-up."

Coinciding with the city's definition start on a civil defence program was a visit Wednesday to the mayor's office by C. A. Thomson, Montreal, dominion fire relief department of the Canadian Red Cross Society, a service which by Provincial Fire Commissioner E. R. Hughes, and Deputy Fire Chief J. H. McMahon. He said he was on a routine tour of Canada.

which would fit into a civil defence program.

Mr. Muir said organization has begun in earnest in anticipation of a conference this fall between the provincial and federal governments and the Red Cross chairmen.

Besides the civil defence programs in Edmonton, small towns throughout the province are being urged to begin preparations.

In charge of emergency shelter,

Clarke Ready, chairman, said Friday letters have gone out to all school principals in Edmonton and that pledges for accommodation aid are being obtained from all possible sources.

ada to study fire defences, partly as a member of the federal planning committee on civil defence.

Heavy Fire Losses
According to Acting Mayor Hanna, Mr. Thomson stated he was interested in improving and strengthening fire departments across Canada. "Taking Canada as a whole, he said that the country's firefighting forces were only about 50 percent of necessary strength," reported the acting mayor.

"He stated that 1950 threatened to be Canada's worst year for fire losses. The ability of the country to fight fires is a most important part of civil defence, he told us. He stressed the fact that money and effort spent now, even if war emergency never arises in Canada, will be more than worth while by cutting down Canada's appalling fire losses."

Civiam Lists shelters

Preparations have begun in Edmonton for a civil defence program in the event of atomic bomb attack.

Every available building that might be used for emergency shelter will be sought and preparations for emergency medical aid and food are being made.

The preparations are being carried out under the disaster relief department of the Canadian Red Cross Society, a service which has operated for a number of years but now is being reorganized to meet possible air or ground attack.

Under a central committee headed by W. C. Bruce, former Alberta Government Telephone head, Edmonton's organization will include sub-committees to direct the work of seven different sections.

The sub-committee are medical, shelter, food, clothing, transportation and communication registration and information and a central purchasing and supply depot. Chairmen have been appointed for most of these sub-committees and organization has begun in most cases.

Robert Muir, assistant provincial commissioner for the Red Cross, said Friday the program began last December when a conference was called of all Canada's Red Cross officials, in Toronto. Gen. F. F. Worthington, director of civil defence, advised the Red Cross to establish an organization

OPENING DELAYED

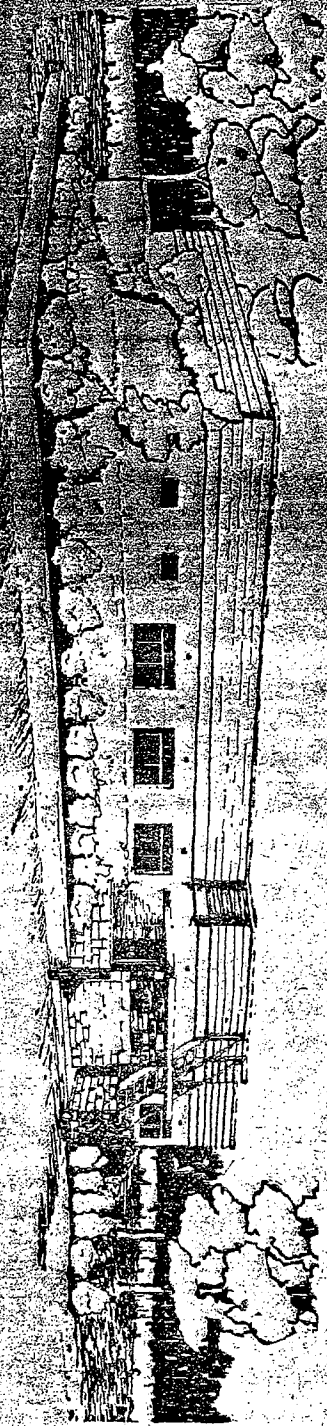
Due to the death of King George, official opening of the new Defence Headquarters Building, scheduled for Wednesday of this week, has been delayed until a later date yet to be announced.

The new provincial level defence headquarters building is shown above, located near the western outskirts of Edinburgh at 146 Street, the two-story building of which consists of eight floors above the underground level of underground concrete. A wide above the road level, the building appears to be approximately 13 feet high, the building contains communication, communication,

tion room, operations room, offices, washroom facilities, emergency kitchen and special ventilation features and is so designed that an addition can be made when necessary. The headquarters will also house the government's radio section, thus ensuring communication with all parts of the province in time of emergency.

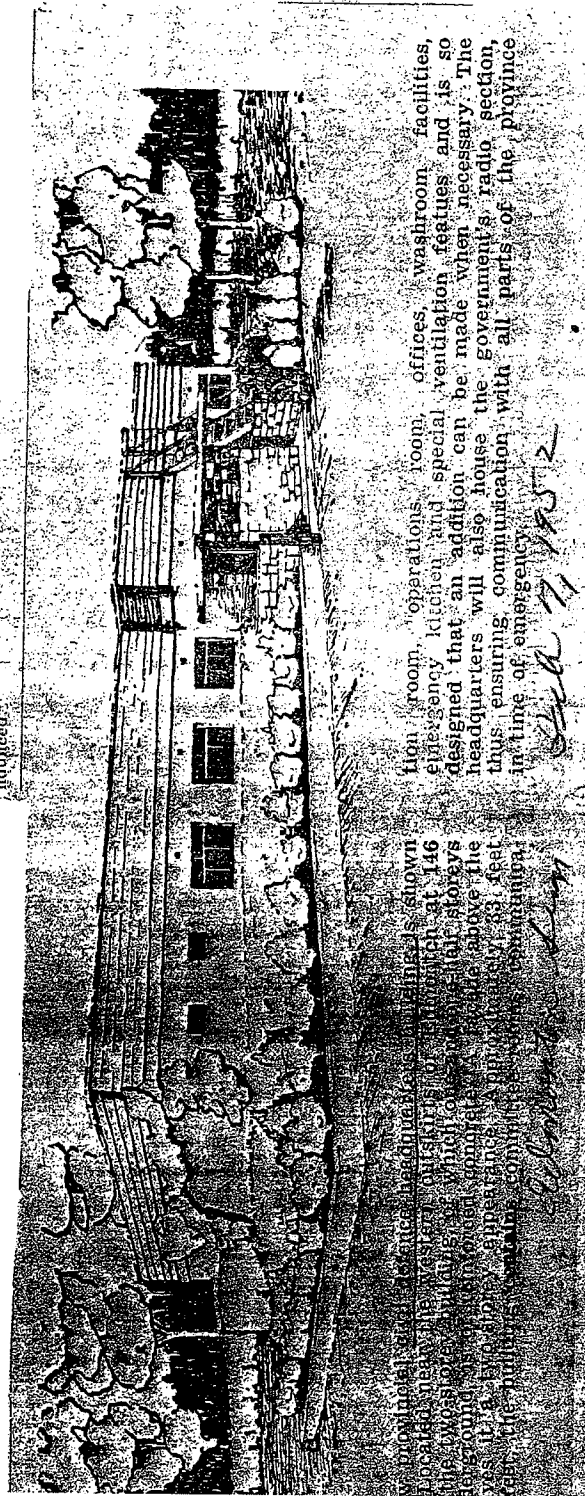
Edinburgh, Scotland

Oct 11, 1952



OPENING DELAYED

Due to the death of King George, official opening of the new Defence Headquarters Building, scheduled for Wednesday of this week, has been delayed until a later date yet to be announced.



Provincial and federal headquarters building shown located near the western outskirts of Edmonton at 146 the two-story building, which contains 100,000 sq. ft. of space, is situated on a corner lot, and is one of the largest buildings in the city. The building is a fine example of modern architecture, and is a credit to the city of Edmonton.

Room, operations room, offices, washroom facilities, emergency kitchen and special ventilation features and is so designed that an addition can be made when necessary. The headquarters will also house the government's radio section, thus ensuring communication with all parts of the province in time of emergency.

Feb 7, 1932

STREET

MODERN

Alfred... throughout Edmonton... day after tomorrow... nation-wide... else...

Arthur D. Davidson... for of civil defence... sirens are to operate in conjunction with the operation II, which is the plan in major Canadian... this weekend.

In wartime... want citizens to be... that an enemy attack is imminent.

In Alberta the weekend exercise is under the control of Air Vice-Marshal C. B. Howsam. The main provincial headquarters in Edmonton will be on 24-hour operation.

During the past week six four-man crews from the fire department have been training in the use of a motor launch for rescue operations on the river. The boat, a 16-foot launch with a 36-horsepower motor, was purchased for \$2,000 by the city's civil defence department.

The trailer-mounted boat will be stored at the fire department training school on the river flats east of the power plant. The firemen have been trained in the use of grappling irons and mechanical respiration equipment. A public demonstration in the use of the boat probably will be made within 10 days.

Meanwhile, 14 men have completed training in rescue service, while another 22 have completed communications training. Harry Wyss was instructor in the rescue service classes, while S. T. Jones instructed in radio communications. Those completing the communications course received department of transport radio operators' licences (restricted). The men, who received more than 20 hours training, brought to 65 the number of persons trained in civil defence this winter. During the past seven years, nearly 4,500 persons have been trained and an estimated 1,000 still are

FURTHER PROTEST AIMED AT WEST END CIVIL DEFENCE OFFICE

*July 26/57
Edmonton Star*

Further protest is being heard from residents of Edmonton's west end over construction of a

civil defence office at 10320 146 street.

It was recently reported exclusively in The Sun that residents of the area are drawing up a petition opposing location of the office there. Petition is being forwarded to Town Planner Noel Dant.

Residents claim the district is a residential area, and as such a large civil defence office should not be built there.

The building, of reinforced concrete, will be Alberta's first bomb-proof structure. Poole Construction Co. has been awarded the contract for \$60,000.

Defence Stickers Planned For Cars

Official insignia for trucks, buses and other vehicles registered for civil defence service will be issued by federal authorities, according to a report from eastern Canada.

Alberta civil defence authorities said Saturday they had received no final details about the insignia, but added it has been discussed for some time.

The insignia will be windshield stickers, the report states, and will be issued in two sizes, a small one for taxicabs and official cars and a larger one for buses and trucks. Only owners of registered vehicles will receive the stickers.

Blue lettering on a yellow background will state: "This vehicle is registered to serve you in a national emergency." The sticker bears the civil defence crest. Vehicles carrying the insignia would have priority over other traffic in an emergency.

Reports Progress In Civil Defence

Progress toward organizing Alberta's cities, towns and villages for civil defence was reviewed Saturday by Hon. C. E. Gerhart, minister of municipal affairs.

Mr. Gerhart told members of the provincial civil defence headquarters that the organization now embraces six of Alberta's seven cities, 33 towns out of 66, and 19 villages out of 129. Twenty-four out of 56 rural farm areas are organized.

"Two provincial schools have been held," the minister related, "and 69 candidates have graduated in civil defence. These graduates now are instructors in their respective municipalities."

Supplies of the provincial headquarters, he said, include 200 arm bands, 350 badges, 30 blankets, 150 incendiary bombs, 300 pairs of rubber boots, 540 steel helmets, and 4,800 respirators.

"We expect," Mr. Gerhart said, "that very soon we will have sufficient equipment to supply training schools in each municipality."

Wetaskiwin Forms Civil Defence Unit

A civil defence organization has been set up at Wetaskiwin, according to information received from provincial defence headquarters in Edmonton. All seven Alberta cities now are organized.

The province's civil defence network now embraces, in addition to the cities, 33 out of 66 towns, 19 out of 129 villages, and 4 out of 56 rural municipalities.

n, Happiness

The time-honored proverb that "an ounce of prevention is worth a pound of cure" is finding new meaning in Alberta's civil defence organization.

It will be with that thought in mind that the province's newly-built civil defence alternate headquarters on Edmonton's western outskirts is placed in operation.

Government, civil defence and military leaders were to attend ceremonies marking the official opening of the headquarters building Wednesday.

But the opening ceremonies of the \$65,000 building have been cancelled for the time being because of the death of the King.

Air Vice Marshal G. R. Howsam, chief co-ordinator of civil defence in Alberta, was to have officiated.

Located at 10322 146 st., the building is the first of its kind in Canada. It encloses committee rooms, communications room, offices, operations room, an emergency kitchen and special ventilation features. Started in June, 1951, construction work now is virtually completed.

"Alternate" Headquarters

The structure has been named "alternate" defence headquarters, officials explain, because at a later date the province expects to open another headquarters with additional facilities which experience will show will be required. In the interim, official civil defence headquarters still is located in the offices of Hon. C. E. Gerhart, minister in charge of civil defence.

In the event that Canada should be attacked by a foreign nation, the building on 146 st. now is designed to serve as co-ordination centre for the province's defence efforts. A communications network centred at the new headquarters would keep key defence personnel apprised of developments in every corner of Alberta. From the Edmonton office would go directives to defence workers everywhere in the province.

Three-quarters of the building is underground, including the lower floor and half the upper. A seven-foot wall of dirt and concrete protects the exposed top half.

"A direct hit by an enemy bomb could put us out of business," Air Vice Marshal Howsam admitted. "But if we suffered anything but a direct hit, we would be adequately defended."

Near Highway "Ring Route"

Location of the headquarters, far from Edmonton's downtown area, was selected because of its proximity to a main highway "ring route," and because the site is far removed from any major military target such as the municipal airport and major industrial units.

be "most comprehensive communications system of any province in Canada," according to Vice Marshal Howsam. Organization of the central communications system is in the hands of Anthony Earnshaw, radio superintendent for the provincial department of lands and forests.

Under Vice Marshal Howsam, a permanent staff of six men and four women will occupy the new administration centre. Hundreds more will make the building their headquarters to direct defence work throughout the province in case of emergency.

No major items of equipment yet have been moved into the building. Permanent staff members will occupy their offices within a month. Equipment will be installed "as it becomes available," according to Col. A. J. Lavoie, assistant to the defence co-ordinator.

Vice-Marshal Howsam indicated that the building and the provincial corps of volunteer civil defence workers will get their first real test this summer when a mock "invasion" of Alberta is staged. By summer, defence authorities hope to have all Alberta municipalities organized for a province-wide tactical exercise.

M.L.A. Assisting In Defence Work

Alberta's only husband-and-wife team of civil defence organizers is at work three to four nights a week in the municipal district of Clover Bar, northeast of Edmonton.

Handling civil defence instruction and organization at Clover Bar are Floyd M. Baker, M.L.A. for the constituency, and Mrs. Baker, both graduates of the Olds defence school in southern Alberta.

Mr. Baker, who was in the city Tuesday to acquire a new supply of defence films from civil defence headquarters here, explained how he and Mrs. Baker operate training "schools" in the four municipalities embraced by Clover Bar.

"We worked out our own program," he said. "Mrs. Baker lectures on the reasons for civil defence organization, and tells the trainees how to protect themselves in the event of atomic, bacteriological or chemical warfare."

"Then I operate a motion picture projector, showing civil defence films, and explain charts showing the organization of civil defence groups across Canada."

Usually, the M.L.A. turns out for the meeting clad in weird protective clothing designed to dramatize the training in defence preparation.

"We have four meetings scheduled this week," Mr. Baker reported. "It's a pretty tough schedule. And it's particularly rough at this time of year, when temperatures get down around 20 and 30 below. When a meeting is held, we seldom get home before one or two in the morning."

Defence Course Sessions Open

The second in a series of three civil defence courses planned at Edmonton opened in the St. John Ambulance building, 108 st., on Monday. Attending were 28 municipal representatives.

The first defence course held here ended Friday. Enrolled for this course were 32 municipal representatives who now have returned to their respective cities and towns to pass on their instruction to local defence units.

"Very good progress" in civil defence training is being made, said Col. A. J. Lavoie, assistant defence co-ordinator and commandant of the Edmonton schools.

Instruction is being given in atomic, bacteriological and chemical warfare, fire-fighting and administration. About 100 candidates are expected to attend the three courses here.

7 Civil Defence Classes Started

Seven civil defence classes have started in communities throughout the city and organization meetings for 11 more have been planned, Mayor Hawrelak said Thursday.

Classes of from 16 to 100 volunteers are being held regularly at King Edward, Westmount, Alberta Avenue, Eastwood, Forest Heights, Kendale and Crestwood communities. A special course for Y.M.C.A. workers will begin March 5.

"We feel the results of the city's campaign for civil defence volunteers has been very encouraging," the mayor said. "But we still urge citizens who can to attend the courses in their communities."

The courses consist of training in basic civil defence practices and are given in 10 weekly 1½-hour lectures.

Mayor Hawrelak also announced that Brig. J. C. Jefferson, civil defence controller for Edmonton, will leave Saturday for Ottawa and Washington for civil defence discussions. Commissioner D. B. Menzies will leave March 1 for a six-day orientation course to be given at Ottawa.

Training Quarters For Defence Open

Hugh Davidson, deputy city civil defence controller, announced Tuesday that training headquarters for the Edmonton organization have been established in the Family Allowance Building, 102 Ave. and 100 St. Major D. A. Petrie, chief instructor for the city's civil defence set-up, will be in charge.

Administrative headquarters will remain in its present location in the safety department at the Civic Block. In addition to supervising the training program, the office headed by Major Petrie will serve as an information centre. Mr. Davidson said inquiries concerning civil defence should be directed to this office.

Mr. Davidson also announced Tuesday that Commissioner Menzies and Dr. G. M. Little, city health officer, will attend special civil defence courses, March 3-8. Commissioner Menzies will go to Ottawa and Dr. Little will go to Camp Borden, Ont. Brigadier J. L. Jefferson, chief controller for Edmonton, is in Ottawa at present attending a conference of senior civil defence officials.

Fire Equipment To Cost \$494,000

Hon. C. E. Gerhart, minister in charge of civil defence, reported Friday that \$494,000 will be spent to standardize fire hose couplings and other defence fire-fighting equipment. The provincial government will pay two-thirds of the cost, and the federal government, one third.

Standardization of equipment has started, Mr. Gerhart said, and "should be completed in the near future." Larger cities, including Edmonton and Calgary already have standardized equipment, he said, and are not participating in the present program.

The minister also announced that 98 graduate nurses last month completed a special course in civil defence training. They now have returned to their various municipalities to train other nurses. At the end of two years, Mr. Gerhart estimated, some 2,600 nurses will have completed similar defence training courses.

Board Probing Bomb Explosion

Civil defence authorities have started investigating the practice bomb explosion which injured two men, one of them seriously, during an instruction period at Connaught Armories Friday.

Injured were Murray J. Bedard, 11404 93 St., and Marshall Darling, 12022 102 St. They were instructing a class of 26 in basic civil defence fighting, when a practice incendiary bomb exploded in a metal "fire shed."

Hon. C. E. Gerhart, in charge of civil defence, has appointed a three-man board to investigate the accident. The board consists of Alfred Peart and A. C. Ballantyne of the civil defence headquarters staff, and J. W. Stewart, instructor.

Saturday, the board started taking evidence from witnesses and armed forces bomb experts. The investigators also plan to examine equipment, obtain information from armed forces personnel in charge of handling the bombs, and have tests conducted with fragments of the exploded bomb.

Meanwhile, the use of all practice bombs has been suspended until all those on hand are checked.

Officials explain that ordinarily the thermite bombs used in instruction contain no explosive matter. Bombs used in wartime do contain explosives, but it is not known how the explosive was present in the practice bomb.

The accident occurred in a training area outside the armories. The two instructors were inside the metal shed, preparing a demonstration in the use of the stirrup pump.

They followed the usual procedure of throwing the bomb down, to set off a cap which in turn ignites the incendiary material. Instead of just burning, the bomb blasted through the metal wall of the shed.

Bedard, most seriously injured, is "doing very well." University Hospital authorities reported Monday.

Darling was released from hospital after treatment.

Blame Bomb Blast On Faulty Casing

Faulty construction of a civil defence training bomb was responsible for the injury of two men at Connaught armories in Edmonton last week, Col. A. J. Lavoie, assistant civil defence co-ordinator for the province, said Wednesday following an investigation.

Murray Bedard, deputy fire commissioner, and Marshall Darling, provincial fire inspector, were injured when the bomb exploded during a civil defence demonstration at the armories. Darling was released from hospital shortly after the accident, Bedard it was reported, is making "satisfactory recovery" in hospital.

Two-Floor Defence Building To Be Built Under Ground

Alberta's permanent civil defence headquarters will be built at the southeast corner of 109 St. and 98 Ave., Hon. C. E. Gerhart, minister in charge of civil defence, announced Wednesday.

A two-floor reinforced concrete structure, the defence building will be entirely underground. Mr. Gerhart said.

The ground level, directly opposite the province's nearly-completed new administration building, will smoothed over and used as a parking lot, with the defence headquarters out of sight below.

Foundation of the structure will be such that a larger building may be erected above it some time in the future.

Mr. Gerhart said he has no estimate as yet on the cost of the defence building. It is expected work will commence in the spring. The building still is in "the planning and drafting stage."

Defence officials stated that the proposed defence centre, underground and to be firmly constructed, could serve as an air raid shelter should the need ever arise.

The province's alternate defence building, at 146 St. in Edmonton's western outskirts, was officially opened last week. This building will be used as the centre for Alberta's civil defence program until the new structure is completed.

Leagues Citizens In Civil Defence

More than 100 citizens enrolled in civil defence training programs through Edmonton community leagues, Hugh Davidson, deputy civil defence controller, said Friday.

"We have added another five classes in the past week and now have a total of 19 in the city," Mr. Davidson reported. "We expect that the goal of 1,500 trainees will be reached before the winter season is finished."

Mr. Davidson said there has been a great deal of public interest in the programs in the past few weeks. The programs are arranged through the community leagues under the direction of D. A. Petrie, chief instructor, and a staff of volunteer instructors.

Mr. Davidson will leave Friday for Ottawa for a two-week staff course in civil defence. He also plans to discuss the city's civil defence problems with federal civil defence authorities.

Defence School Plan For Summer

Alberta's civil defence organization Thursday announced plans for a special summer school at the University of Alberta for the purpose of training school teachers in civil defence planning and administration.

Hon. C. E. Gerhart, minister of municipal affairs, said the course, of five weeks' duration, would be held in conjunction with the university's regular summer school. It is likely, he said, that about 1,500 teachers would attend.

Mr. Gerhart said the offer will be made to the province's teachers, and will be subject to their approval. Part of their expenses while in this city would be met by the government.

The education committee of the province's civil defence planning organization is drawing up a course which teachers would be asked to pass on to their students in the classrooms. Instruction would be given by Alberta's civil defence staff.

Mr. Gerhart reported that defence personnel have been moved from the provincial administration building on 109 St. to the new alternate defence headquarters on Edmonton's western outskirts. The defence building, opened at a ceremony last week, now houses a permanent staff of 11, headed by Air Vice-Marshal G. R. Hownam, provincial civil defence co-ordinator, and Col. A. J. Lavoie, assistant co-ordinator. Grease Distribution of civil defence "buttons" will begin within two weeks, Mr. Gerhart said. The buttons, bearing a crest and the initials "C.D." will go to workers actively engaged in defence work and training.

Another member of the civic staff, H. A. Strum, electrical engineer with the city telephone system, left Thursday for Camp Borden. He will take a course in atomic, bacterial, and chemical warfare. Mr. Davidson said Mr. Strum is the last city candidate to attend one of these courses this winter, although others may be selected next fall.

Two City Civil Defence Instructors Injured By Exploding Practice Bomb

Two civil defence instructors were injured, one seriously, when an incendiary bomb exploded during an instruction period at the Connaught armories, 103 st. and 84 ave., about 2:30 p.m. Friday. Injured were Murray J. Bedard 11404 93 st. and Marshall Darling 12022 102 st.

The men were taken to the University Hospital where it was found the Darling's injuries were not serious and Bedard was suffering severe chest injuries, internal hemorrhage and face lacerations. Darling was released after treatment and Bedard's condition Saturday was described as "improved."

The two men, members of the provincial fire commissioner's office, were instructing a class of 26 in basic civil defence fighting. Bedard and Darling were in a metal "fire shed" with the bomb when it exploded. Members of the class were viewing the instruction from outside the protective shed.

The demonstration was taking place in a training area outside the armories and no buildings were damaged by the blast.

According to witnesses the bomb exploded through the metal wall of the shed. Instructor Darling said he and Bedard had entered the shed with the bomb preparatory to a demonstration of the use of a stirrup pump in controlling incendiary fires.

He said that ordinarily the thermite bomb used in instruction contains no explosives. During instruction it is the practice to toss the bomb down, setting off a cap which in turn ignites the fire materials. He said these fire materials usually burn gradually through the casing and then begin to shoot out flames.

Officials said that bombs used in wartime do have explosive charges but they could not understand how the explosives were present in the instructional bomb. The explosion occurred when the instructors tossed the bomb down in the usual way.

Col. A. J. Lavoie, in charge of the fifth Alberta civil defence school, said an inquiry will be held.

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Civil Defence Preparations Progressing In 92 Areas

Civil defence preparations now progressing favorably in seven cities, 39 towns, 21 villages and 25 municipal districts in Alberta, according to Hon. C. E. Gerhart, minister of municipal affairs.

Mr. Gerhart spoke on civil defence at a meeting of the Kiwanis Club in the Macdonald Monday. He said the ultimate aim of the province's civil defence organization is to be able to cope with any attack—including the atom bomb.

Mr. Gerhart said that 29 Albertans have taken a dominion training course in civil defence, and are now passing on their knowledge to others in schools throughout the province.

The speaker said that provincial civil defence courses also include training for nurses, and that 93 nurses are now conducting schools. It is hoped that in the event of an emergency, 3,600 specially trained nurses will be available for service.

Summer School Course

There also are medical and first-aid courses being conducted throughout Alberta, and numerous municipal schools teaching various phases of civil defence. It is also hoped that school teachers attending summer school at the University of Alberta this year will take a special course in civil defence.

Explaining the operation of Alberta's civil defence setup, Mr. Gerhart said there are 16 provincial committees, operating under a co-ordinator. These are police, wardens, fire and flood, transportation, information training, communications, welfare, medical, equipment and supply, utilities, agriculture, personnel, plant protection and pay and finance.

He said the same committees work in cities, towns and villages, under the co-ordinators.

Speaking on the persons in charge of civil defence training, Mr. Gerhart said that all are volunteers. "They are all hard-working volunteers, lent to the civil defence organization by their employers, and doing a very good job," he said.

Proclamation Ready
"In the event of any international crisis, these directors will naturally have to be put on the government payroll. The provincial government has already drawn up a proclamation which would allow us to pay these men for their jobs.

"All we have to do is sign it, and they would be paid employees on 24-hour duty," he said. "The proclamation will be signed immediately if war should break out."

If an atom bomb fell on Edmonton, the speaker said, 15,000 persons could be killed immediately. Another 11,000 could be seriously wounded, and 9,000 more could be injured badly enough to require first aid.

He said that 52,000 homes would be damaged, 15,000 of them beyond repair.

"Leadership is needed vitally in civil defence," Mr. Gerhart said, "and members of service clubs

Premier Opens Defence Building

The nerve-centre of Alberta's civil defence organization, a \$65,000 alternate defence headquarters at 10322 146 st., was declared officially open at a ceremony Thursday night. Premier Manning turned over the keys to the building to Air Vice-Marshal G. R. Howsam, civilian defence co-ordinator for the province.

The building, which will become communications and administrative headquarters for the province's defence organization in the event of another war, is built of reinforced concrete two storeys high, with 1½ floors underground to afford protection should the city ever be attacked by enemy aircraft.

"The building is not bomb-proof," Vice-Marshal Howsam admitted Thursday, "but it would take a direct hit to put it out of business."

Attending Thursday's opening program, after which guests were conducted on a tour of the building, were about 150 civilian and military officials. Among them were the three members of Alberta's cabinet defence committee: Premier Manning, Hon. C. E. Gerhart, minister in charge of civil defence, and Hon. Dr. W. W. Cross, minister of health and welfare.

Presenting the key to the building to Vice-Marshal Howsam, Premier Manning said that the unsettled condition of the world today has "brought home to all of us the need for civil defence."

Space Reduced
Natural barriers of "distance and space" formerly protected this continent from attack by enemy nations, the premier said, but now, "to all intents and purposes," these barriers do not exist.

Mr. Manning said he hopes the building is never needed as a protection from aggression by foreign powers. He expressed the appreciation of the province's civil defence authorities to "so many who willingly responded to our appeal for voluntary service."

The defence organization, he noted, is valuable in peacetime as well as in time of war, serving in event of emergencies or disaster unrelated to war or aggression.

"In our efforts, we have received nothing but the most whole-hearted co-operation," Mr. Manning declared. "We are particularly fortunate in securing the services of Vice-Marshal Howsam, a man who has a wide range of experience and ability in fields closely related to the creating of an organization such as this, and to co-ordinating activities after the organization has come into being."

Vice-Marshal Howsam told the gathering that Alberta leads most provinces in various aspects of



The new Civil Defence badge which will be issued shortly to all certified members of Alberta civil defence groups, is shown here. The badge is of gilt with the initials C.D. for civil defence, on either side of the official crest of Alberta.

civil defence. Among the defence jobs being carried out, he said, are organization of mutual aid and mobile support between municipalities, providing auxiliary police and transportation, and training special fire-fighting crews.

"We have only made a start," he declared. "Much remains to be done."

Alberta's defence program has progressed thus far mostly due to the willingness of volunteers to contribute their time, and to the "wholehearted support" of the provincial government, Vice-Marshal Howsam asserted.

He declared that "unless we will accept a tax rate well out of proportion to what it is today, our defence program must continue on a voluntary basis."

The co-ordinator said the new defence headquarters has been criticized because it is not bomb-proof, but he said the cost of this would have been six to 10 times the \$65,000 actually expended for the building, located well away from Edmonton's industrial and commercial areas to make it as safe from bomber attack as possible.

"The money not used for a deep dug-out construction," he said, "is being put to much better use at the present time. As it is, the building provides reasonable protection against everything except a direct hit."

Alternative Quarters
Until the official civil defence headquarters for the province is built, likely several years in the future, the new building will act as alternative headquarters. Centre of Alberta's defence set-up now is considered to be in the offices of Mr. Gerhart, provincial secretary and minister of municipal affairs.

Welcoming guests to the opening program, Mr. Gerhart said the province's defence organization was recruited from a cross-section of citizens on a voluntary basis. From a central committee of about 125 members, he said, the province is building a civilian defence "army" of 25,000 persons.

The minister reported that the staff of the new alternate headquarters will have "moved in and started work" by Friday. He commended the defence workers for their "fine example" to others in the province.

The headquarters building was to have been opened three weeks ago, but the opening ceremonies were postponed owing to the death of the King.

CIVIL DEFENCE Prepare To Enlist Aircraft Spotters

Flying Officer F. M. Hewett, Edmonton, has been appointed to head an Alberta ground observer corps to work in aircraft spotting in the event of war. The announcement was made in Edmonton Monday by Sqdn. Ldr. H. C. D. Upton, deputy chief of the ground observer corps of Air Defence Command in Montreal.

Another Edmonton officer, FO. V. T. Riley, was appointed to command the Edmonton "filter centre" and FO. G. H. Denholm, Calgary, will command the filter centre in that city.

Eventually, it is hoped that 12,000 civilians will be enlisted voluntarily as aircraft spotters. Of this number, 7,000 will be in the northern section of the province and 5,000 in the south.

Their information regarding aircraft spotted would be relayed to the filter centres and from there, into air force operational channels.

Plan Place Sirens On Fire Stations

Tentative plans for placing the seven air raid sirens received recently by Edmonton were made Wednesday at a meeting of the civil defence control committee.

It was decided that they would be placed on the towers of several city fire halls. Hugh Davidson, deputy controller, said five probably would be located on the north side and two on the south side. Another 12 sirens are on order, he said.

Defence Centre To Cost \$60,000

Tenders are likely to be called for soon for construction of a control centre for the city's civil defence organization.

To cost an estimated \$60,000, the control centre will be a one-floor underground building. The site will be south of the Crestwood district.

Hugh Davidson, deputy civil defence controller, said the building will be the centre of communications and operations of the organization. It will contain operational maps, switchboard and radio equipment.

The authority to proceed with the project will be sought when the capital estimates are presented to council in a few days.

The Alberta government already operates an alternate defence headquarters in the west end at 147 st. and 104 ave.

The province plans to build a second headquarters near the 109 st. administration building.

UPPolicemen Complete Initial Defence Training

One of the most important steps in Edmonton's civil defence program—the training of its police in civil defence tactics—was completed this week, as more than 100 members of the force finished their basic "part one" training.

The basic program included instruction in most aspects of firefighting, battle first aid, tactics during atomic, high explosive or incendiary bomb attacks, and organization work.

Det. Frank Kingzett, who directed the course as civil defence instructor for the police force, said the training will continue most of the summer. In the more advanced training, the policemen will put their new knowledge to the test in practical demonstrations and classes. He said early in the fall, classes of instruction will begin for auxiliary police.

Stressing that the policemen, and police women, attended classes in their own time, Det. Kingzett said this indicated they are determined to be good citizens as well as good police officers. They are conscious, he said, of the responsibility that will be theirs, should Edmonton be attacked or should disaster strike.

In addition to the subjects already mentioned, the basic

course included instruction on the chemistry of fire, biological and chemical warfare, removal of unexploded bombs and warden service and police duties.

Much of the instruction was carried out by Det. Kingzett and Const. L. Lamoureux, while guest speakers included Dr. G. M. Little, city health officer; Dr. K. B. Newbould, department of physics, University of Alberta; Maj. D. A. Petrie, chief civil defence instructor for Edmonton, and Dr. D. F. Cameron.

A number of instructional films were shown, including "The Tale of Two Cities" and "The Atom Strikes," showing the devastation caused in the Japanese cities of Hiroshima and Nagasaki by the atom bomb attacks. Films also were shown on self-protection from atomic explosion and battle first aid. The Police Association co-operated in this aspect by providing its projector. Operators were Sgt. Alex Keating and Sgt. Bernard Nicholson.

Chief Const. Reg. Jennings commended the co-operation shown by the members of the force, and he lauded the work of Det. Kingzett in organizing and conducting the training program. Chief Jennings also issued a call for volunteers to fill important positions in the civil defence service.

The Edmonton control committee, as well as Brig. J. C. Jefferson, director of civil defence for this area, and Hugh Davidson, deputy director, also were high in their praise of the police class and its instructor. They said completion of the basic training program would provide a solid foundation on which the city's defence framework could be built.

Alberta Granted \$80,000 For Civil Defence Projects

An initial dominion grant of \$10,000 to \$85,000 will be made available to Alberta to help finance federally-approved civil defence projects in this province. C. E. Gerhart, minister of municipal affairs, reported at a meeting of provincial defence planning committees in the new temporary defence headquarters on 16 st. Tuesday night.

Air Vice-Marshal G. R. Howm, provincial civil defence co-ordinator; Col. A. J. Laviolette, assistant co-ordinator, and Mr. Gerhart reported on a dominion-provincial conference which they attended in Ottawa last week.

The federal and provincial governments will share equally the cost of approved defence projects under plans outlined in Ottawa. Mr. Gerhart said. The federal government's share, under initial plans, will not exceed \$80,000 to \$5,000.

Although differences of opinion still exist between the federal and the Alberta governments, Mr.

Gerhart reported, "better understanding than ever before" of the problems of civil defence was shown at the Ottawa meetings. The minister was hopeful that existing problems now slowing defence co-ordination can be cleared up soon.

Mr. Gerhart indicated the Alberta government is willing to shoulder the bulk of defence costs itself rather than pass the costs on to the municipalities. But Alberta believed that should an "incident" of war occur, federal authorities should take over the responsibilities and the cost.

Dominion spokesmen, Mr. Gerhart said, were unwilling to commit themselves on their war-time responsibilities, but "I think we can assume that only the federal government could handle the situation in event of war."

To Defence Post

Hugh D. Davidson has been appointed acting civil defence controller for Edmonton, to replace Brig. J. C. Jefferson, who has been appointed deputy civil defence co-ordinator for Canada.

The announcement of the appointment of Mr. Davidson was made Thursday by Mayor Hawrelak.

Taking Mr. Davidson's post as deputy controller for the city is Maj. D. A. Petrie, who has been chief civil defence instructor. Both positions are on an "acting" basis. The mayor said that Brig. Jefferson has been given a leave of absence from the post of controller for Edmonton.

Defence Projects Bring \$80,000

Alberta this year will realize about \$80,000 from the federal government's decision to split 50-50 with the provinces the cost of approved civil defence projects. Hon. C. E. Gerhart, minister in charge of civil defence, estimated Monday.

Decision of the dominion government to reimburse half the province's civil defence outlays was announced at Ottawa last week.

Mr. Gerhart said Ottawa's action comes too late to help the province pay for the new alternate civil defence headquarters opened recently on 148 st. in Edmonton. The two-storey defence building, he said, was completed and paid for before federal authorities reached an agreement on defence costs.

Senior Governments To Pay For City's Defence Building

Edmonton's civil defence building, to cost an estimated \$60,000, will be paid for by the federal and provincial governments. Mayor Hawrelak announced Wednesday. He said he had been informed of the arrangement by C. E. Gerhart, provincial minister of civil defence.

It was made possible under an agreement between the federal and provincial governments to split equally the cost of civil defence projects the provinces think should be undertaken. Announcement of the agreement was made in the house of commons June 6.

Mayor Hawrelak said application for assistance was made shortly after the announcement of the federal-provincial agreement. Also requested was financial aid for the installation of 20 air raid sirens in the city. Cost of installing the sirens, supplied by the federal government, was placed at \$8,000.

The mayor said negotiations on this phase of the request are continuing. The city already has received and is installing seven sirens, and another 13 are to be supplied.

Alberta Leads In Civil Defence

Alberta is leading the rest of the dominion in civil defence organization, Maj.-Gen. F. R. Worthington, federal civil defence co-ordinator said in Edmonton Tuesday in an address to the executive of the Alberta Civil Defence organization. Gen. Worthington was in Edmonton with Sir John Hodsoll, director general of civil defence for the United Kingdom.

The general complimented Premier Manning on the civil defence effort saying: "In the whole dominion of Canada, there is no man who has given greater leadership and impetus to civil defence organization than your premier."

"If every province had made the progress you have, I would have no worries," Gen. Worthington said, "No province can touch you."

Answering the general later, Mr. Manning thanked him for the comments and said that while the remarks had been encouraging the result was a certain amount of concern for the overall effort. Realizing that much remains to be done in Alberta with regard to civil defence and if other provinces are dragging behind then there is room for concern, the premier said.

He added: "Maybe we're a little selfish in Alberta. We think we have a lot to protect."

Work on the city's civil defence control centre is expected to begin this year. The \$60,000 was contained in the 1952 capital estimates this spring by city council. Financing of the construction by the two governments, the mayor said, means the city will not have to borrow \$60,000 for the work.

Civil Defence Seen Deterrent

For Red Offensive Plans

The hope that efficient civil defence organizations, in the process of development by member countries of NATO, will never be required operationally but will act as a deterrent to Communist ambitions, was expressed in Edmonton Tuesday by Sir John Rodsoll, director-general of civil defence or Great Britain.

Sir John, who with Maj.-Gen. F. Worthington, civil defence co-ordinator for Canada, is on a lying visit to Western Canada, spoke to the executive committee of the Alberta Civil Defence organization.

The visitor, in speaking on requirements for civil defence, and application of common sense in organization, punctuated his remarks with anecdotes gathered from the blitz and moved his audience alternately from hushed concentration to howls of laughter.

Compares With U.K.

While fundamentals and basic organization of civil defence are common, differences in geographic location result in variation of procedures, the speaker said. He compared the job in Canada with that faced in Great Britain where "you could cross the country in a day if you tried hard."

Edmonton, for instance, could ever be subject to round-the-clock bombing where points in the U.K. are, he said. While the attack might be heavy here, there would be time to absorb the shock and re-organize before the next, he added.

On the other hand, Canadian winters present a physical condition, in the event of attack, which is not faced in Britain, he said.

Should another war occur, the job for civil defence would be much greater than it was during the last war as a direct result of the A-bomb, he said. Four portions of the job would be much greater, he stated as he listed firefighting, clearance of debris, care of casualties and provision of welfare services to victims.

Stresses Welfare

Sir John stressed the importance of the welfare services as a great factor in upholding the morale of those injured or suffering loss in attack.

In this respect he referred to the need for competent wardens who, if of the right type, carry public confidence. They are not only go-betweens from officialdom to the individual but as the Battle of Britain proved, the basic element which built and instilled morale.

Sir John told of training which is being conducted in Britain and of new phases in training which are planned. He stressed the necessity of training under circumstances as close to the realistic as possible, as a vital element for a well organized civil defence force.

A new plan of "damage control" is being developed in the U.K., he said. It is devised to "unravel the confusion" which usually follows a bombing. The job of damage control officers will be to survey a situation then draw a pattern for the approach of the various services. This, in the opinion of the officer, will avert the problem, often encountered, of everyone trying to do everything at the same time with resulting confusion.

Greatly Impressed

Sir John said he was greatly impressed with civil defence development he has seen on his Canadian visit. He complimented Edmonton for having the first "home for civil defence" he has seen in the dominion. "I am greatly impressed by your progress. There are parts of Britain in which I would like to see what I have seen here," he added.

"Without the stimulus of bombing, you have made this progress. It is encouraging," he said.

Sir John mentioned the co-operation and exchange of ideas on civil defence problems between the U.K. and Canada as having contributed greatly to efficient organization on both sides.

He said that all nations of NATO, with one notable exception, were progressing well with civil defence organization.

"Let us look at civil defence as an offensive organization, operating as a great family party with family bonds holding it together. The job to be done is the finest we can do. Let us hope it will lead to peace and, acting as a safeguard, allow you to continue with the development of your great country," he added.

Sir John was introduced by Air Vice Marshal George Howsam, civil defence co-ordinator for Alberta. Chairman of the meeting was Hon. C. E. Gerhart, minister of municipal affairs under whose department civil defence comes. Also present at the meeting was Premier Manning.

Edmonton Praised For Part In Civil Defence Program

225 Register For Civil Defence

A total of 225 volunteers registered for training at the city's civil defence booth during exhibition week, it was announced Monday by Hugh Davidson, acting co-ordinator of civil defence.

Davidson said that in addition to the individual registration for fall training courses, there are about 400 persons represented in the various organizations which offered their services.

"We are immensely pleased with the results of the booth," Mr. Davidson said. "It attracted much attention, and we had more registrations than we had imagined possible."

He said the organizations which offered co-operation included a large number of church groups, the girls' air cadet squadron and the city's motorcycle club.

For the week, 24,000 pieces of literature were given away.

Supervising the booth every day during fair week were Det. Frank Kingzett and Maurice Flowers, city civil defence instructors. In charge of the literature distribution were Queen's Scouts Ronald Gooding, Clarence Gemmell and Jack Warner.

Edmonton is doing a remarkable job of letting its citizens know the importance of being prepared, according to Maj.-Gen. F. F. Worthington, federal co-ordinator of civil defence.

Gen. Worthington arrived in Edmonton Monday and on Tuesday visited the civil defence booth beneath the grandstand. He said he was impressed with the effectiveness of the display which crowds of visitors saw on the opening day of the fair Monday.

The display contains everything from a domestic type air raid shelter to reams of literature, charts, maps, and a large illuminated picture of an atomic explosion.

"This sort of thing helps us a great deal," Gen. Worthington said. "Our big problem across the country is to let the people know what is required and tell them how they can serve."

Recruiting Plan Praised

He said Edmonton is doing a consistently good job of civil defence organizing and had special praise for the method of recruiting defence units through the community leagues.

"This system gave you a firm foundation right from the start and so far as I know it is unique in Canada."

A main feature of the civil defence exhibit is a "mock-up" of a domestic type air raid shelter constructed of timbers and boards. It was designed by federal civil defence expert for installation in any home basement.

The shelter has an escape hatch, shelves for emergency provisions, first aid supplies, firefighting equipment and heavy tools such as a pick, crowbar and saw, which might be used in escaping from a demolished house.

Couches and Radio

For added comfort the shelter is furnished with a couch, chairs and a battery radio.

Civil defence officials point out that the shelter can be built easily in a corner of any basement and it also makes a fine store-room.

The booth is supervised every day by Det. Sgt. Frank Kingzett and Maurice Flowers, both qualified civil defence instructors. In addition to these members of the Boy Scouts turn out every day to help distribute literature.

Actual recruiting of volunteer workers is done right at the booth. Posters inform spectators that volunteers are required for medical, rescue, police, fire, engineers, communications, radiological, warden, and welfare units.

The exhibit is under the direction of Lt.-Cmdr. Hugh Davidson, Edmonton civil defence director.

General Worthington was to leave Edmonton by plane for Winnipeg late Tuesday. While here he held routine discussions with city and provincial defence officials.

Alberta Hospitals Completing Civil Defence Preparations

AUG 23 1952

All of Alberta's hospitals should have their civil defence organizations established by Oct. 31 of this year, according to Dr. L. M. Rogers, medical director for the provincial civil defence headquarters.

Dr. Rogers addressed a group of Alberta medical men Friday at a meeting held in the provincial headquarters of the civil defence organization. Doctors and officials of the organization met to discuss health aspects of civil defence.

Stressing the need for co-operation from district medical associations and nurses' organizations, Dr. Rogers reviewed plans for the collection and treatment of casualties.

He said first aid stations are being organized, and that the target date for establishment of stations all across the province has been set at Dec. 31. Again, he said, co-operation is urgently required, because large staffs of first aid men and stretcher bearers must be recruited.

Hon. C. E. Gerhart, provincial minister of municipal affairs, welcomed those attending the meeting, and stressed the need for active planning in civil defence. "Civil defence must become a part of the responsibility of every Canadian citizen," Mr. Gerhart told the gathering.

Delegates to the meeting, representing various Alberta districts, also heard Lt.-Col. A. J. Lavoie,

assistant director, speak on the general civil defence plan for the province.

Dr. A. Somerville, deputy minister of public health, spoke on the work of his department, and Miss L. E. Kremer, assistant medical director and nurse consultant with provincial headquarters, dealt with hospital planning.

Presiding over the sessions was Dr. William Bramley-Moore, of Edmonton, chairman of the civil defence sub-committee on medical services.

Study Health Field In Civil Defence

Eight doctors from various parts of Alberta joined with provincial civil defence officials in Edmonton Friday for a meeting to discuss health aspects of civil defence.

Held in the provincial headquarters in the west end, the meeting was officially opened by Hon. C. E. Gerhart, minister of municipal affairs, under whose department the civil defence organization is administered.

Presiding over the sessions is Dr. William Bramley-Moore, of Edmonton, chairman of the provincial civil defence sub-committee on medical services.

Purpose of the meeting, a spokesman said, is to complete outlining the medical plan for defence work in the province, and to arrange for co-ordination between the various municipalities represented.

Lt.-Col. A. J. Lavoie, assistant provincial civil defence co-ordinator, was to deal with the general defence plan. Dr. L. M. Rogers, defence medical director, was to speak on the health plan of civil defence.

Public health was to be discussed by Dr. A. Somerville, deputy minister of public health, and Mrs. C. Van Dusen was to address the gathering on the nurses' role in civil defence. There was to be a talk on hospital planning by Miss L. E. Kremer, assistant medical director and nurse consultant with provincial headquarters.

Medical men attending the meeting include Dr. L. C. Allan and Dr. J. V. Follett of Calgary; Dr. F. Christie of Lethbridge; Dr. E. G. Skinner of Medicine Hat; Dr. G. A. Mott of Red Deer; Dr. R. D. Reikie of Camrose, and Dr. G. M. Little and Dr. Morris Weinlos of Edmonton.

To Delay Asking Federal Help

Alberta's civil defence organization will delay applying for financial aid from the federal government "until we are really sure we are providing the defence facilities that each municipality wants and needs," Air Vice-Marshal G. R. Howsam, provincial civil defence co-ordinator, said Monday.

The federal government has agreed to pay half the cost of approved provincial civil defence projects. Grants are to be paid from a fund of \$1,445,000 for civil defence.

Alberta has until March 31 next year in which to apply for financial assistance. Mr. Howsam stated. Several projects are started in Edmonton and Calgary and other centres, he said, but in many cases final agreement on what work is to be done has not been reached between the province and the municipalities.

When the major defence projects are completed, Mr. Howsam said. Ottawa will be asked to pay "a very limited amount," which it will do providing the federal grant is matched dollar-for-dollar by the province.

At Ottawa, it was announced Monday that a series of civil defence projects, including a public warning system in the Winnipeg area, have been agreed upon on a split-cost basis by the federal and Manitoba governments. Hon. Paul Martin, federal health minister said Manitoba would receive \$83,600.

Manitoba is the second province to take advantage of the federal offer. Earlier approval was given to four projects submitted by Saskatchewan totalling \$88,000.

Mr. Howsam said here that projects submitted by Alberta for federal approval likely will include such items as air raid warning systems and civil defence training programs.

CIVIL DEFENCE

To Start Training In Civil Defence

Preparations are being made for the winter training program of the Edmonton civil defence organization, expected to start in about two weeks, Hugh Davidson, acting civil defence controller, said Tuesday.

Two training programs will be conducted this year. One will provide basic civil defence training for new volunteers. The other will give first aid training for those who completed the basic training last year.

Mr. Davidson said about 1,100 completed the training last winter. It is not known how many will be able to attend the advance training.

Volunteer instructors, trained in previous years by the civil defence organization, will give the basic training. The St. John Ambulance Brigade will provide first aid instructors.

Fewer training centres will be established this year, Mr. Davidson said, to reduce the time and travel required of the volunteer instructors. He said the centres will be located in central schools in subdivisions throughout the city and surrounding district.

Applications for admittance to the courses are being handled by the civil defence headquarters in the Family Allowance Building.

Province Plans Fire School Here

A civil defence fire rescue school, to cost \$45,000 to \$50,000, is expected to be built by the provincial government on the city fire department's training grounds, near the power plant, Mayor Hawrelak said Friday.

He said the government has agreed in principle to the proposal, but final details have not been completed.

The proposal to locate the school on the training grounds was made by the city. The present fire department training facilities and the new school would be open to the fire department, the Edmonton civil defence organization and the trainees under the provincial civil defence group.

Air Raid Sirens Installed In City

Installation of seven air raid sirens at the city's seven fire halls is almost complete. Hugh Davidson, acting civil defence co-ordinator, said Thursday.

Completion of the job will take place when safety equipment, now in transit, arrives. When the sirens are ready, they will be tested by the civil defence organization.

The city asked the federal government for 20 sirens, for the city and two each for Jasper Place and Beverly. The tests are expected to determine how many more will be needed for coverage of the city.

Civil Defence Organization Conducts "Atomic Bomb" Test

Downtown Edmonton was de-
coyed theoretically about noon
Saturday when an imaginary
atomic bomb "exploded" near the
C.R. station at 104 ave. and 101

The mock explosion was the
final for provincial civil defence
personnel taking part in "Exer-
cise Edmonton" to swing into
action and show what they would
do in the event of a real atomic
blast.

"Exercise Edmonton" was the
first project of its kind under-
taken by a provincial civil de-
fence organization in Canada.
Grouped around a huge map of
Edmonton at Connaught armory,
civil defence workers spent
Saturday and Sunday bringing
order out of the chaos they were
likely to encounter in the event of
a real atomic attack.

Describes Value

"We feel that by using an
imaginary atomic explosion, such
as the one Saturday, we have by
the best method of getting
down to the problem of civil de-
fence," said Air Vice-Marshal G.
Howsam, provincial civil de-
fence co-ordinator.

"The exercise was conducted in
an atmosphere of reality which
cannot be produced through the
ordinary system of lectures," he
said. "We present a problem, ask
men to look at it and decide
what to do. We are getting right
down to cases."

About 60 members of provin-
cial civil defence committees par-
ticipated in the project. Problems
at were not solved during the
two-day program will be subjects
for discussion at subsequent civil
defence meetings.

Estimate "Casualties"

From information about the
town destructive power of an
atomic bomb, defence workers
are able to surmise that Satur-
day's mock explosion would have
killed 11,987 persons, seriously in-
jured 13,127, and slightly injured
383.

Another 56,877 would have been
made homeless, and 18,778 "tem-
porarily homeless." An estimated
434 would have been trapped,
most of them killed.

Heaviest damage, theoretically,
could extend for half a mile in
every direction from the point
where the bomb hit. Damage
could be progressively lighter to
a radius of two miles from the
point of impact.

Meet Problems

Problems presented to partici-
pants in "Exercise Edmonton" in-
cluded those of caring for the
injured, water and gas supply, the
fire situation, and of getting aid
to the city from outside the
devastated area.

At the conclusion of the opera-
tion Sunday night, Air Vice-

Marshal Howsam told defence
workers: "The enthusiasm which
you have shown in taking part in
these difficult discussions is most
heartening."

"The purpose of this exercise,"
he said, "was to show the degree
of organization, training and
mutual co-operation needed in
civil defence. I believe this has
been clearly brought out."

"You will have noted that we
are fully aware of the inadequacy
of the present warning system,
and that we gave considerable
time to the problem of arranging
mutual aid and mobile support
from the surrounding country-
side."

Chose Edmonton

Mr. Howsam said that Edmon-
ton was chosen as the site of the
exercise for two reasons. Edmon-
ton is the largest city in Alberta,
and, because it is a federally-
selected "primary target area,"
data on civil defence require-
ments here is readily available.

The exercise was given an
added touch of realism when a
defence worker with a sense of
the dramatic exploded a giant
firecracker in the armories at the
time the imaginary atomic ex-
plosion was to have occurred
downtown.

Prior to the exercise, defence
workers were given no idea where
or when the mock explosion was
to occur. The firecracker explod-
ing was the signal to start the
operation.

A second exercise of this nature
is planned in Edmonton, probably
about the end of November. Par-
ticipating in the second project
will be defence personnel of the
city civil defence organization,
along with representatives from
the district.

Governor-General Stresses Importance

Importance to Canada of its
civil defence organizations was
stressed by Rt. Hon. Vincent
Massey, governor-general, when
Saturday afternoon he addressed
participants in civil defence
"Exercise Edmonton" in the Con-
naught armories.

"Exercise Edmonton," held Sat-
urday and Sunday, was attended
by about 60 members of the Al-
berta civil defence organization.

"I am glad, indeed, to include
a visit to your civil defence exer-
cise in my program," Mr. Massey
said. "I heard that the organiza-
tion of civil defence is very far
advanced in this province and
in Edmonton."

"Civil defence is inevitably on
a voluntary basis," he continued.
"I should like to congratulate all
those connected with this organiza-
tion on their splendid work."

"As a Canadian citizen, I should
like to use the word gratitude,
because your organization here is

Don't Forget To Prepare If Attack Breaks

Canada, particularly the west,
enjoys "the closest possible co-
operation" of the United States
in civil defence matters, Air Vice-
Marshal G. R. Howsam, Alberta
civil defence co-ordinator, said
Tuesday.

At Montreal, Dr. Leo Lynch,
Quebec director of civil defence
medical services, said that United
States authorities have agreed to
waive immigration, border and
customs restrictions in the event
of atomic attack on either
country.

The Alberta co-ordinator said
that agreements now being work-
ed out by eastern states and prov-
inces have been in effect in the
west for more than a year. Al-
berta is a member of a western
civil defence association which
includes British Columbia and
eight states.

"The association meets regu-
larly, and we have agreed to help
each other in case of attack," Mr.
Howsam stated.

Under the western accord, he
said, there would be no delay in
time of emergency. Movement of
supplies, military assistance or
injured persons across the inter-
national boundary would be
prompt.

not only helpful to yourselves in
making the necessary preparations
for what we hope will never come;
your work also will be a great in-
centive for other organizations in
other parts of the country when
they see what is being done here."

Present for Mr. Massey's visit
were Premier Manning, Mayor
Hawrelak, and other civic, pro-
vincial and military officials. Mr.
Massey was introduced by Air
Vice-Marshal G. R. Howsam,
provincial civil defence co-ordina-
tor, and thanked by Hon. C. E.
Gerhart, minister in charge of
civil defence.

Edmonton Civil Defence Tests Show Wind Hampers Sirens

Considerable work remains to
be done in connection with Ed-
monton's air raid siren system,
Hugh Davison, acting civil de-
fence director said Thursday.
Tests of the seven sirens already
installed were carried out Wed-
nesday.

A siren installed at the Mc-
Kernan fire hall failed to operate
but an electrician will repair the
siren and it will be tested sep-
arately, Mr. Davison said.

While the coverage of some of
the sirens was "unbelievable," the
director said, it was hampered in
other districts by traffic noises,
buildings and a slight wind.

Although the wind was only
three to eight miles per hour from
the west, the sound of the sirens
was heard farther east than west
of the installation points, Mr.
Davison said.

Four Observers Posted

Four observers were posted to
each installation. They took read-
ings of the audibility, starting
from points one mile north, south,
east and west of the sirens and
moving towards them.

Mr. Davison said traffic noises
cut down the range of the sirens.
An observer at Whyte ave. and
107 st., only four blocks from a
siren, reported the sound only
barely audible over the noise of
heavy traffic.

Another observer at 101 st. and
104 ave., was unable to hear the
siren on the fire hall at 101 st.
and 111 ave., but reported hearing
the more-distant one installed at
126 st. and 109A ave.

Poor Reception Indoors

"We were disappointed in the
audibility of the sirens indoors,"
the director said. "There are sev-
eral reasons why it is difficult to
hear them indoors, including the
heavy insulation of buildings and
inside noises, such as radios and
office machines."

He said he public also will have
to be told what the sirens mean.
Many persons, he said, did not
know the difference between the
wavering sound of the "alert" and
the steady tone of the "all clear."

The city has received seven of
20 sirens ordered from the federal
government. Mr. Davison said the
20 would be a "bare minimum"
for effective coverage of the city
and Beverly and Jasper Place.

In Civil Defence

The need for more citizens to enroll in the city's basic civil defence course, was stressed Tuesday by Hugh Davidson, director of civil defence for Edmonton, in an address at a South Side Kiwanis Club luncheon meeting held at the King Edward hotel.

The speaker stated that during classes held last winter about 100 volunteers received instruction in civil defence while the full complement needed to operate the city's civil defence set-up to maximum efficiency is 12,000 trained personnel. Schools of instruction are in operation for another winter season and Mr. Davidson expressed the hope that more citizens will enroll for training. Volunteers are asked to get in touch with training headquarters in the family allowance building.

The speaker stated that "civil defence is here to stay." He said that though the program was drafted primarily to function in the event that Canada is attacked by an aggressor, the organization's services also are ready to deal with natural disasters such as major floods and fires. "Local government is inadequate to cope with major disasters," Mr. Davidson said.

He emphasized that from a military point of view Edmonton is a target area. He outlined briefly the civil defence organization existing in the city which is directed at top level by a control committee composed of the mayor and commissioners and three aldermen. Mr. Davidson and his advisory committee representing various organizations in the city are responsible to the control committee. There are five major subdivisions in the city, each directed by a controller, and these areas are in turn sub-divided into districts, sectors and warden posts.

Outlines Progress In Civil Defence

A summary of the civil defence program in Alberta was given by Air Vice-Marshal G. R. Howsam, provincial civil defence co-ordinator at the 27th meeting of the Alberta Civil Defence headquarters staff, held in the provincial headquarters building at 10322 146 st.

He also outlined plans for the future and said a special exercise, similar to that held in Edmonton last week-end, has been planned for Calgary early in the new year.

Plans are being made to open new headquarters for civil defence schools in Edmonton, he said. It is expected that the former Victoria Armories on 100 st. will be used.

A discussion of civil defence problems in relation to firefighting was held by the fire commissioners, headed by Provincial Fire Commissioner Austin E. Bridges.

Postpone Exercise On Civil Defence

The second Exercise Edmonton for civil defence workers will be held Dec. 6 and 7 at the New Memorial Hall, 104 st. and 81 ave. Originally scheduled for this week-end it was postponed due to the Grey Cup football final Saturday.

The exercise is a combined operation of provincial and city civil defence headquarters and is designed for key personnel in the "target area," and the "mutual aid area," outside the city.

About 75 persons connected with civil defence work in the city are expected to attend as well as 100 civil defence officers from municipalities north of Red Deer. Among the speakers will be Maj.-Gen. F. F. Worthington, federal civil defence co-ordinator, who will comment on the exercise at its conclusion Sunday.

On the first day, guests will be introduced by Hon. C. E. Gerhart, provincial minister in charge of civil defence activities, and an outline of the work to be done will be given by Hugh Davidson, civil defence director for Edmonton. A description of the target area, key installations and the organization of civil defence services, will be given by A. Peart, of provincial headquarters.

Other speakers will be F. G. Jamieson, on the organization of the mutual aid area; Col. E. H. Strickland, on warden service; E. Tyler, describing control centres; Mr. Peart, on warning systems, and D. A. Petrie, outlining inter-communication procedures.

The effects of an atom bomb will be discussed by several speakers.

On the second day, J. A. D. Macdonald, city engineer, will speak on the engineering service in civil defence, and Chief Const. Reg. Jennings on the police service and J. H. McMahon, deputy fire chief, on fire service. Dr. G. M. Little, city medical health officer, and E. S. Bishop, welfare superintendent, will describe the work of their departments in civil defence.

The role of the armed services will be outlined by Maj. W. W. Coward, of Western Army Command, and Air Vice-Marshal G. R. Howsam, provincial civil defence co-ordinator, will comment on the exercise.

Purpose of the sessions is to describe the important aspects of organization and outline the operations of the various services.

It centered around the problem of assuring sufficient water supplies in Edmonton and district.

Other speakers were Superintendent F. W. Regan, R.C.M.P.; M. J. Bedard, deputy fire commissioner for the province; J. H. McMahon, deputy assistant fire commissioner for Edmonton, Rodney Pike and F. L. Grindley.

117 Key Civil Defence Workers Take Part In Two-Day Test

A hypothetical atom bomb was dropped on the C.N.R. depot in Edmonton Saturday as the civil defence organization's second Exercise Edmonton went into a detailed, two-day study of its effects and the organization's requirements in case of such an emergency.

Organized by Hugh Davidson, Edmonton civil defence director, and his staff, the exercise was attended by 117 key civil defence workers, 26 from the city, 64 from surrounding municipalities and staff members of the provincial headquarters. The meeting was held in the Strathcona Legion Memorial hall, 104 st. and Whyte ave.

First Tests In West

Strong praise for the scheme was expressed by Maj.-Gen. F. F. Worthington, federal civil defence co-ordinator; Maj.-Gen. M.H.S. Penhale, director at Winnipeg; Hon. C. E. Gerhart, provincial civil defence minister; Air Vice Marshal G. R. Howsam, provincial co-ordinator, and other visitors from outside Alberta.

Maj.-Gen. Worthington said the two exercises in Edmonton, one held by the province in October and the second one at the week-end, were the first in western Canada. Only other one in Canada was held last spring at Ottawa.

"I am astonished at the detailed nature of the exercise," he said. "It indicates a fine organization. I think it is most important to know the problem civil defence would face in the event of an emergency."

New Defence Doctrine

He said Canada will adopt a new type of "tactical doctrine" in civil defence next spring, based on the practice followed in England.

The federal co-ordinator said it is important that the provincial and civic organizations inform federal headquarters of their present resources and what would have to be provided in an emergency. He said information about such needs would be derived from such work as Exercise Edmonton.

"It is two years since civil defence was started in Canada," Maj.-Gen. Worthington remarked. "It is beginning to crawl now. In another year we hope it will be able to stand and walk on its own feet."

The organization of civil defence facilities across the country is progressing, but is spotty in some places, he added. From the start, the provincial government of Alberta saw the need for civil defence organization, he said.

Mr. Gerhart, addressing the delegates from outside the city, said

there is a job for all the surrounding municipalities in coming to the aid of target areas.

He said there also is the possibility that the smaller towns could be "accidental" targets and indicated that following the completion of training exercises in the province's large centres, they would be carried out in the rural areas.

"The active civil defence worker can take satisfaction from knowing he is performing a new patriotic duty for his country," Mr. Gerhart stated.

100 Volunteers Recruited

Air Vice Marshal Howsam outlined the work done in the province during the past two years. It included the training of staff officers, the establishment of provincial civil defence schools and the recruiting of 100 key volunteers, who are giving their time to organization and training.

Ald. Hanna addressed the meeting when it opened Saturday. He said because of Edmonton's strategic position it is likely to be a target area in time of war. It has an added responsibility as the seat of the provincial government, he noted.

He stressed the need for co-operation between the city and province in civil defence organization and pointed out that Edmonton would be available as a source of manpower and supplies to help the municipalities in times of emergency.

Technical Papers Given

Detailed papers on every phase of the civil defence work were prepared in advance by city superintendents and staff members of the civic and provincial civil defence headquarters.

A description of the structural damage, debris situation and radio-activity, which could be expected from an atom bomb exploded over the C.N.R. depot, was given by T. Sherman, while A. Peart discussed the fire situation, which would result. F. G. Jamieson outlined the probable extent of casualties, homeless and trapped personnel and E. Tyler made observations on the expected damage to public utilities.

Mr. Peart also described the city, its key installations, population in various areas and the

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organization of civil defence services.

Outlines Warning System

He outlined the warning system, which would be in operation in an emergency and described efforts which would be necessary to control damage.

Mr. Jamieson discussed the organization of the Edmonton mutual aid area, made up of surrounding towns and municipalities and gave papers on the mobilization of mutual aid forces and mobile support and reception facilities.

Col. E. H. Strickland, of the University of Alberta, spoke on the use of warden and intelligence services and Mr. Tyler noted the principles of control and the functions of control centres.

Intercommunication Proposals

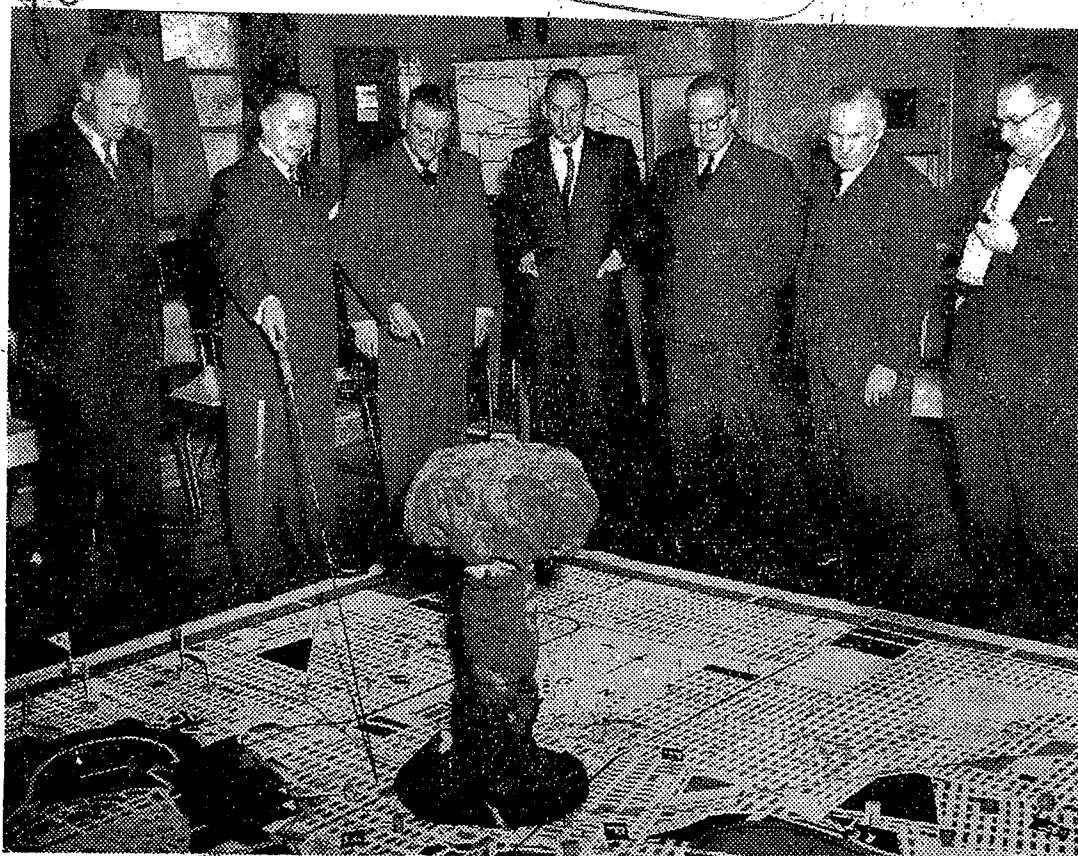
Maj. D. A. Petrie, deputy director for Edmonton, described the proposals for intercommunication within the city. The operations of civic departments in civil defence were given by J. D. A. Macdonald, city engineer; Chief Const. Reg. Jennings; Deputy Fire Chief J. H. McMahon; Dr. G. M. Little, health officer, and E. S. Bishop, welfare superintendent.

A paper on the proposed rescue service was given by S. Germaniuk and the role of the armed services by Maj. W. W. Coward, of Western Army Command.

Throughout the exercise, discussion periods were provided under the direction of Mr. Davidson.

Observers from other provinces included Brig. G. A. McCarter, deputy co-ordinator for B.C.; J. O. Probe and D. J. Fusedale, of Saskatchewan civil defence headquarters and C. C. Williams, minister of labor for Saskatchewan.

More Than 100 Attend Civil Defence Exercise



A large floor map of Edmonton, marked with an atom bomb cloud, provided the centre for detailed civil defence studies, conducted Saturday and Sunday at the South Side Memorial hall, 1 st. and 82 ave. Under the direction of the city's civil defence organization, the exercise was attended by 117 key personnel from the city and surrounding municipalities. Studying the map as the exercise opened Saturday are, from left to right, Ald. Hanna, Air Vice Marshal G. R. Howsam, provincial co-ordinator; Hon. C. E. Gerhart, minister of civil defence; H. D. Davidson, Edmonton director; Maj-Gen. M. H. S. Penhale, Winnipeg director; Maj-Gen. F. F. Worthington, federal co-ordinator and J. O. Probe, civil defence headquarters, Saskatchewan. (Story on Page 2.)

Begin Week Of Training

Fifty-one Alberta government inspectors and members of the provincial defence headquarters staff registered for the 11th provincial civil defence training school for inspectors, which opened Friday in the new administration building. The course continues until next Thursday.

The inspectors are from many points throughout the province and are attached to the municipal affairs, attorney-general's and provincial secretary's departments.

The school is in charge of F. G. Jamieson, commandant of provincial civil defence schools, and will cover the following phases of civil defence work: federal, provincial and municipal organization, atomic, biological and chemical warfare; firefighting; high explosive missiles; ambulance, engineering, health and welfare services; gas respirator drill; mutual aid; mobile support and reception; rescue and warden services.

Other lectures will also cover the role of civil defence during a peacetime disaster; the role of the army in civil defence, and civil defence lessons learned during air attacks on the United Kingdom, the last war. Periods will also be allotted for the training of students as lecturers.

Exercise "Eskimo," a one-day map exercise in civil defence, will make up the final day of the school next Thursday. This exercise will demonstrate the respective tasks of each civil defence service in the event of an atomic attack on the City of Edmonton.

Lecturers for the course are: Mr. Jamieson, Lt.-Col. A. J. Lavoie, E. E. Frame, Prof. J. A. Harle, T. J. Herman, M. Bedard, E. Tyler, J. V. Stewart, A. Peart, Dr. L. M. Rogers, and S. Germaniuk.

Ten other civil defence training schools have been held in Alberta since the school program was inaugurated in the summer of 1951. This includes four firefighting schools, held in Edmonton, Calgary, Lethbridge and Grande Prairie, and a summer school for teachers, held at the University of Alberta.

Cold Snap Silences Air Raid Sirens

The week-end's fall of wet snow and the sudden cold spell put Edmonton's air raid sirens out of service. Civil defence officials ordered a test this week, and found the sirens failed to operate.

The problem of keeping them in service during the winter is being studied by the officials. City workmen are thawing them out, and they will be left "idling" for the rest of the winter. Although they will be running, there will be no sound.

Officials fear that even if they are running slowly, a sudden cold spell could put them out of service again. They are studying the possibility of making special hoods for the equipment.

City To Purchase Filming Equipment

Edmonton's civil defence control committee Wednesday authorized the commissioners to purchase micro-filming equipment, which the city has been renting for \$540 a year.

The purchase price will be about \$2,700. The equipment has been used for about six months for filming important civic documents. Hugh Davidson, civic defence controller for the city, said the results of using the equipment have been good and recommended the purchase.

The committee also was told of plans to start the second phase of the civil defence winter training program. Mr. Davidson said it is planned to work through organizations, such as church groups, to obtain volunteers.

The committee approved plans to distribute 50,000 circulars to Edmonton householders, describing the training program. The pamphlets will be delivered with the civic utility bills, starting in a week or 10 days.

Questionnaires have been sent to 235 members of the Edmonton Builder's Exchange, seeking information on equipment and manpower available in case of emergency. The executive of the exchange has indicated to the civil defence organization willingness to co-operate in the organization of building trades as a rescue service.

Two candidates for federal civil defence courses were named at the committee meeting. Chief Const. Reg. Jennings will attend a staff course at Ottawa, Jan. 19 to 31, and Lt.-Col. A. E. Ladler, retired, of Edmonton, will be the city's representative at a general instructors' course in February.

Explains Basis Of Defence Work

Alberta's civil defence directors have no intention of trying to spell out their program "in terms of pails of water, sandbags and gas masks," Air Vice Marshal G. R. Howsam, provincial civil defence co-ordinator, said Thursday.

Mr. Howsam was commenting on a report from Ontario that civil defence authorities in that province are preparing for the day when every person in Ontario's nine "target" areas will have a gas mask and every home will have a stirrup pump and four water pails.

"Our first concern in Alberta," Mr. Howsam said, "is to bring everyone to realize the seriousness and ramifications of atomic attack. When that is accomplished, we will tell civilians how to look after themselves in case of attack, and provide them with necessary equipment."

Mr. Howsam said the required equipment will be made available as the program develops. But he said it is impossible to predict exactly what material will be needed by each civilian and in each home.

To Begin Work On Defence Centre

Construction of a civil defence control centre and a rescue training school for Edmonton will start almost immediately, it was announced Friday by Hon. C. E. Gerhart, Alberta minister in charge of civil defence, and Air Vice Marshall G. R. Howsam,

Alberta civil defence co-ordinator. Costs of the two projects will be borne in a matching fund basis already established between the federal government and the province.

Location and costs were not disclosed by officials.

Five Fly East For Civil Defence

Five members of the Alberta civil defence organization left Edmonton by plane Saturday for Ottawa and Camp Borden, Ont., where they will attend special courses sponsored by the federal civil defence organization.

The five are Dr. W. H. Swift, member of the civil defence health committee; L. N. Donovan, deputy chairman, communications committee; D. S. Edwards, utilities and works committee; Russ Sheppard, chairman, liaison committee,

and George Dexter, a member of the civil defence headquarters staff.

Two other members of the provincial organization left for the east earlier. They are A. R. Gordon, superintendent of the Alberta railways department, and

J. V. Lauriente, of Consolidated Mining and Smelting Co., Calgary.

Mr. Dexter and Mr. Lauriente will attend a course on atomic, bacteriological and chemical warfare at Camp Borden Jan. 12-31, and the others will take part in a staff forum at Ottawa Jan. 12-17.

Fire Equipment Changes Continue

Hon. C. E. Gerhart, minister in charge of civil defence, estimated Tuesday it will cost about \$200,000 to standardize fire-fighting equipment in Alberta.

Mr. Gerhart made the estimate when he addressed members of the provincial civil defence headquarters staff in their main control centre building at 10322 146 st.

Standardization of fire-fighting equipment is going ahead in all parts of the province, the minister reported. He stressed the importance of having uniform equipment in the event that war should occur.

A discussion on civil defence public utilities and public works problems was led by Col. E. H. Wright, chairman of the utilities and works committee, and S. Germaniuk, a member of the committee.

It was announced that civil defence police problems will be discussed at the next meeting of the headquarters staff Jan. 27.

Call Defence Study Of Communications

First meeting of a committee on civil defence communications services for Edmonton will be held Tuesday in the office of C. E. Brown, city telephone superintendent, and committee chairman.

D. A. Petrie, deputy civil defence director for the city, said the meeting is being held to organize procedures for communications within the civil defence organization.

Those who will attend the meeting are: S. T. Jones, section communications manager of the American Radio Relay League, network of amateur radio operators, who will be deputy chairman; Roy Usher, of the Alberta Government Telephones; G. F. Chislett, plant superintendent, C. N. Telegraphs; A. E. Harrow, equipment

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superintendent, C.N.T.; R. J. Simpson, chief inspector C.P.T.

A representative of the city's radio-equipped taxicab firms; Bert Huffman, communications for city-owned utilities; Ralph Couper, communications for Northwestern Utilities; Major J. B. Streeter, Canadian Army Signal Corps, and Charles Gauld, supervisor of the city's communications building.

Problems to be studied include the vulnerability of the telephone system to enemy attack and the establishment of two-way radio communications throughout the city in the event of an emergency. The committee also will study the place of the communications set-up in the general civil defence plan for the city.

Will Be Uniform

To Form Casualty Service

Lying on the direct route between Russia and the United States, Alberta could be a "two-way bowling alley" in the event of war, Air Vice-Marshall G. R. Howsam, provincial civil defence co-ordinator, said Monday.

He was addressing the second western regional conference of the civil defence, health services being held at the Macdonald Monday through Wednesday.

56 Delegates Attend

Delegates are present from all the western provinces, with a small group from Ontario. The 56 persons represent the military forces, medical and hospital services, federal and provincial governments, and other bodies concerned with civil defence. Implementation of casualty service organizations is the purpose of the meeting.

Dr. K. C. Charron, chief of the civil defence health planning group, Ottawa, is chairman. Hon. J. E. Gerhart, minister in charge of civil defence for Alberta, opened the conference.

The Alberta civil defence organization completed its second year at the close of 1952, said AVM Howsam, in his summary of the work of the group. Since then 65 candidates from the province had attended courses operated by the federal government.

Training Described

Schools of instruction had been started in Alberta, and 502 provincial candidates attended courses. Four fire-fighting training schools at Grand Prairie, Edmonton, Calgary and Lethbridge were attended by 120 candidates. More than 1,400 nurses in Alberta received a special civil defence course.

At present a rescue training school is being built in Edmonton in conjunction with the city, said the speaker. It is located adjacent to the main fire school. A control centre for Edmonton also is planned. Standardization of fire hose couplings and fittings throughout Alberta is underway.

A school for 125 candidates from the provincial government is being held. "That means a man in each department of government that knows about civil defence," said AVM Howsam. In March courses would start for candidates from municipalities.

Distances Reduced

"One supreme military fact is that the big bomber can deliver bombs anywhere with startling suddenness and devastating results," concluded the speaker. "It is a military fact and will continue to have a profound effect upon the lives of men. Distances no longer mean much, and war has certainly overstepped the traditional bounds of the battlefield and is striking at

the heart of every community. We have got to live with it."

He said he is in agreement with Premier Manning that there is much to protect in Alberta, "I also believe that the responsibility for this protection lies primarily with all the citizens of Alberta in co-operation with our civil defence organization."

A reception for the delegates will be held tonight at the Macdonald by the Alberta division of the Canadian Medical Association. This will be followed by a dinner tendered by the provincial government.

Highlight of the conference Tuesday will be a demonstration of a first aid station in operation during hostilities. This will be staged at the Prince of Wales armories. A review of discussions and demonstrations, and recommendations will conclude the meeting Wednesday.

Demonstrate Clearing Of Atomic Casualties

So far as a group of civil defence experts gathered in Prince of Wales Armories Tuesday afternoon was concerned, Edmonton had been theoretically devastated by an atomic bomb. This make-believe catastrophe started the first demonstrations of the functions of a first aid station and the technique of casualty faking.

Within 35 hectic but orderly minutes, 50 patients passed through the station. They "suffered" everything from an overdose of radiation to third-degree burns, lacerations, and compound fractures. Their faked injuries were sufficiently convincing to appear real to a doctor standing at only 10 to 20 feet away.

The demonstrations were held in conjunction with the second western regional conference of the civil defence health services, which ends Wednesday at the Macdonald.

It was the first time in Canada that a trial had been made of the complete functioning of a first aid during an emergency. Patients were received, treated, discharged, or sent to the "morgue." A model station with the various rooms roped off was laid out on the armories floor.

Two More Tests

From this test, and two more to be made in Montreal and St. John, N.B., within the next two weeks,

further techniques of training civil defence workers will be evolved, and observations made on what an actual station would need in time of war, and how it would operate.

The demonstrations were planned at federal level, and spectators present included the delegates attending the conference, Edmonton doctors and nursing personnel, members of the armed services, police, firemen and Edmonton civil defence units.

The 50 "patients" included 25 first-year medical students from the University of Alberta, civil service employees, and members of the Civil Service Playhouse group. They were treated by doctors and nurses, members of the St. John Ambulance Association, Red Cross, RCAMC, fire and police departments, civil defence workers.

Dr. K. C. Charron, Ottawa, chief of the civil defence health planning group, Ottawa, addressed the spectators before the demonstration, and a running commentary was given by Dr. G. E. Fryer, Ottawa.

Injuries Look Convincing

The patients, each with a convincing looking injury, were carried into the receiving section of the first-aid station by stretcher bearers. Each casualty was acting out the symptoms of the injury he or she was supposed to have. The receiving doctor had to diagnose each arrival without pre-arrangement.

Some casualties were sent for treatment, administered by nurses and civil defence personnel, and others to a canteen that was set up. Some considered hopeless cases were put in the holding section,

actual work, and expects to have the job finished by the end of the year.

Because fire-fighting equipment in Edmonton, Calgary and Lethbridge is standardized "for the most part already," the 2½-inch couplings used in the three cities will be considered standard for all of the province.

An official said the Edmonton, Calgary and Lethbridge fire departments own more than 50 per cent of the fire-fighting equipment in the province. Standardization for all parts of the province is sought so that equipment could be moved to any disaster area in the event of need.

and a few to the "morgue." At no time during the demonstration was there a bottleneck in the movement of the patients through the station.

"The demonstration was highly successful," Dr. Charron said after all the patients had passed through. Miss Evelyn A. Pepper, nursing consultant to the group at Ottawa, confirmed this.

Miss Pepper, said the demonstration showed that persons with some civil defence training can quickly become trained to deal with casualties.

The only complaint of 19-year-old Johnny Ferbey after he had lain in the morgue for some time was that he was cold. After a cup of coffee he became quite a lively "corpse." A medical student residing at St. Stephen's College, he was supposed to be a victim of third-degree burns to his back.

His "horrible mutilation" had taken over an hour to prepare, and was the work of Major Richard Bingham, a director of civil service defence, Ottawa. A soldier of 30 years' service, Major Bingham saw many air-raid casualties in England during the last war.

Some of the made-up injuries appeared through the courtesy of the chef at the Macdonald, who supplied several pieces of veal bone and a piece of sheep's intestine. Plasticine, theatrical make-up, and even a brand of dental powder, went into the work of making the casualties appear genuine.

Precision is absolutely necessary in casualty faking work, said Maj. Bingham, to enable the doctors and first-aid workers to make a correct diagnosis and give proper treatment. Authenticity gives the workers a better idea of what they would see and have to deal with in case of atomic bombing. It helps them get over any squeamishness from which they might suffer.

Assisting the major was Miss M. MacLaren, superintendent-in-chief of the St. John Ambulance Association, Ottawa, and Mrs. M. Marjorie Buckley, director of the Civil Service Playhouse Group.

Western Civil Defence Health Conference Opens In Edmonton



The second western regional conference of the civil defence health services opened at the Macdonald Monday. Fifty-six delegates from the western provinces and Ontario will meet for three days to discuss civil defence problems and plans. Five of the officials shown here are, left to right, Air Vice Marshal G. R. Howsam, Alberta co-ordinator; Dr. K. C. Charron, chief planner, Ottawa; Evelyn Pepper, nursing consultant, Ottawa; Hon. C. E. Gerhart, Alberta minister in charge of civil defence, and Dr. W. Bramley-Moore, chairman of Alberta health services for civil defence.