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CIVIL DEFENSE

NEWS BULLETIN

OWEN MONFILS
Director of Civil Defense

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Editor: R. W. Curley

VOL. VI NO. 1

4802 Sheboygan Avenue, MADISON, WISCONSIN 53702

JANUARY 1965



PUBLIC OFFICIALS BRIEFED

Over 130 public officials from 14 counties in the Western area of the state attended the fifth in a series of 13 Civil Defense conferences for Elected and Appointed Government Officials in Eau Claire on December 9, 1964.

A portion of the fine audience is shown above as they listened intently to one of the speakers. The conferences, which are being co-sponsored by the State CD Bureau and U.W. Extension Engineering Department, are designed to acquaint government officials with the various civil defense programs and their vital importance to all communities. Counties represented at the meeting were Buffalo, Chippewa, Clark, Dane, Dunn, Eau Claire, Jackson, Milwaukee, Pepin, Pierce, Rusk, Sauk, St. Croix, and Trempeleau.

In addition to Eau Claire, conferences have been held at Madison, Milwaukee, Green Bay, Kenosha, and Lancaster. Forthcoming conferences are scheduled for Fond du Lac (Jan. 21); Sheboygan (Feb. 11); Wausau (Mar. 3); La Crosse (Mar. 24); Waukesha (Apr. 14); Rhineland (May 5); and Spooner (May 26).



SECOND SHELTER ANALYSIS COURSE IN MARCH

★ THE SECOND in a series of Fallout Shelter Analysis courses for CD directors, builders, building specialists, extension staffs and others interested in farm buildings will be held on Mar. 4 and 5 at the Wisconsin Center Building in Madison. The course is designed to teach a basic knowledge of radiation and its relations to various types of buildings and building materials.

Registration forms and further information on the course may be obtained by contacting Donald V. Jensen, Rural CD Specialist, 101 Agricultural Engineering, University of Wisconsin, Madison.

*** CD ***

Survey Underway

SIX NAWAS SITES SLATED FOR HARDENING

★ A SURVEY of six of Wisconsin's 19 primary NAWAS (National Warning System) points is now underway by the Federal Office of Civil Defense. The purpose of the survey is to determine construction and cost requirements for the hardening of selected warning points to enable operations under emergency conditions.

The points initially selected for the survey are located at Stevens Point, Madison (State Primary Warning Point), Superior, Sheboygan, Eau Claire and Fond du Lac. Previous plans had also included the warning point at Racine but were later dropped because of presently planned new construction which will include an Emergency Operating Center (EOC) with spaces and facilities for remote NAWAS operation. The NAWAS equipment at the above locations is presently hooked up to the county Sheriffs' Departments with the exception of the Stevens Point and Madison warning centers which are located in the Police Station and State Motor Vehicle Department, respectively.

Commenting on the program, State CD Director Owen Monfils said provisions for hardening of the sites call for a fallout shelter protection factor (PF) of at least 100, adequate ventilation, and the installation of an emergency generator of 1 or 2 kilowatts of power. Monfils said government contracts for the work, where needed, would be let as soon as the specific requirements for each site were determined, providing the cost of hardening each site does not exceed \$4,000. If the cost is between \$4,000 and \$6,000, federal approval is required. If in excess of \$6,000, hardening could not be accomplished under the present program.

Preliminary data gathered on the six locations indicates that adequate protection presently exists at the Madison site and that protected locations are available at Stevens Point, Superior and Sheboygan for remote NAWAS operation. The warning points at Eau Claire and Fond du Lac are located in the same buildings as the Emergency Operating Centers and therefore remote NAWAS operation is planned at those facilities.

The NAWAS Warning Point hardening priorities were selected on the basis of maximum population coverage continuity. The State CD Bureau will recommend that Wausau replace Racine—for reasons previous given—in the FY 1965 hardening program. Where protection can be accomplished through the application of remote operation via NAWAS extensions on the same or adjacent premises, OCD will pick up 100 per cent of the recurring charges.

The NAWAS System serves over 500 direct warning points in the United States and can provide instantaneous warning of enemy attack through the facilities of the OCD National Warning Center located at NORAD headquarters in Colorado Springs, Colo. The system is tested regularly each month and warning points are manned 24 hours a day.

FROM THE DIRECTOR

As noted on the front page of this month's Bulletin, another important step toward building a strong emergency warning and communications capability for Wisconsin has recently been implemented. I refer, of course, to the hardening program for NAWAS (National Warning System) primary points in the state.

Communication systems, without question, are the nerve centers for effective state-wide civil defense operations during an emergency. The utilization of trained personnel in the field, command and control between the various echelons of CD operations, coordination between the various services, and dissemination of survival instructions to the general public can only be accomplished if our communications remain reasonably intact following a major disaster.

In order to help assure this continuity, there must be a means of protecting the operating personnel and also a source of emergency power available should normal government facilities be destroyed or rendered inoperable.

The forthcoming NAWAS hardening program is designed with these purposes in mind. Even though left physically intact following nuclear attack, heavy fallout could leave an unprotected facility just as useless as if it had received a direct bomb hit. Adequate fallout shelter then is a major consideration of the program. But beyond this, there must also be provisions to assure that adequate power is available to operate the equipment. It is reasonable to assume that whatever attack pattern the enemy chooses, hydro-electric plants and other sources of industrial power would be high on the list of targets. Thus, the importance of having an alternate power source available and ready for immediate operation.

Although only enough money is presently available for the hardening of seven of the state's 19 primary warning points, it is a good start and will substantially increase our overall emergency capability. It is expected that additional funds will be appropriated in the next two fiscal years for hardening of the remaining sites.

The NAWAS hardening program is the second of two similar programs being carried out nation-wide by the federal government to increase the overall defenses of the United States. A companion program to harden Emergency Broadcast System (EBS) radio stations in all areas of the country has been underway for some time. As part of that program, 16 EBS stations in Wisconsin have been selected for hardening and will be provided with fallout shelters and emergency generators. Thus far, work has been completed on WEMP in Milwaukee and is approximately 95 per cent finished at WJPG in Green Bay. Plans and specifications have also been completed for WHBL - Sheboygan, WEAQ - Eau Claire and WIBA - Madison, with work now underway or to begin shortly.

These then, are two of the newer program areas which will receive top priority during 1965. Others include completion of the shelter stocking phase of the Shelter Survey Program, establishment of necessary Emergency Operating Centers and the training of shelter managers and radiological monitors.

Continuing emphasis will also be given to increased development of the Medical Self-Help and CDAE programs for the general public and in the training of fire-rescue personnel, auxiliary police, and volunteers of other CD services.

*** CD ***

DID YOU KNOW - ?

THE RADIOACTIVITY OF FALLOUT DECREASES RATHER RAPIDLY AT FIRST—MORE SLOWLY AS TIME PASSES. MEASUREMENTS OF THE LEVEL OF RADIATION DETERMINE WHEN A GIVEN AREA MAY BE SAFE FOR A SHORT PERIOD OF EXPOSURE. EACH DAY THESE SAFE PERIODS BECOME LONGER, UNTIL AT LAST THE DANGER OF EXPOSURE HAS PASSED

FALLOUT RADIOACTIVITY DECREASES WITH TIME

0	1000	100	10	1
	UNITS	UNITS	UNITS	UNIT
	1HR	7HRS	2DAYS	2WKS

TIME AFTER NUCLEAR EXPLOSION

THAT THE RADIOACTIVE PARTICLES WILL SINK TO THE BOTTOM IN WATER AND THE WATER WILL THEN PROVIDE A GOOD BARRIER SHIELDING AGAINST RADIATION FROM THESE PARTICLES

MORE FACTS? CONTACT YOUR LOCAL CIVIL DEFENSE

CD TRAINING FILMS AVAILABLE

The following 13 listed training films produced exclusively for use in the training of shelter managers and radiological monitors are now available on loan from the Fifth U.S. Army Audio-Visual Communications Center, Ft. Sheridan, Ill.:

Title	Order No.	Length(Min)
SHELTER		
Fallout Shelter—What is It?	CD 5-214	13
Public Shelter—Orgn. & Staff	CD 22-208	16
Public Shelter Supplies—What Does the Government Supply?	CD 38-213	13
Public Shelter Supplies—What Additional Supplies are Desirable?	CD 38-204	13
Safety Measures in Public Shelters	CD 20-209	10
Information Program in Public Shelters	CD 11-215	13
Planning for Public Shelter Entry	CD 22-218	17
Operations in Public Shelter	CD 22-207	18
Planning Emergence from Public Shelters	CD 22-219	10
Public Shelter Living—The Story of Shelter 104	CD 20-217	30
RADIOLOGICAL MONITORING		
Nuclear Weapons Effects for Monitor Training	CD 3-210	10
Radiological Decontamination—Personnel and Food	CD 3-205	13
Radiological Monitoring Techniques	CD 3-212	12

When requesting any of the above films, the borrower must certify that they are for use only in Shelter Manager or Radiological Monitor Training, whichever is appropriate.

*** CD ***

NEW NAME FOR CD EMERGENCY HOSPITALS

OCD has re-named the 200-bed Civil Defense Emergency Hospital the "Packaged Disaster Hospital". OCD feels the change in name was desirable to convey the concept that these hospitals are not strictly limited for use in civil defense emergencies but can also be used for major natural disasters.

*** CD ***

PRESIDENT TERMS CIVIL DEFENSE "INDISPENSABLE"

PRESIDENT Johnson is keenly aware, as was President Kennedy and President Eisenhower before him, of the important role of civil defense in the overall defense posture of our nation. In conjunction with the 13th Annual Conference of the United States Civil Defense Council held at Colorado Springs Nov. 2-6, the President sent the following letter to Conference President, J. Herbert Simpson:

THE WHITE HOUSE
Washington, October 29, 1964

J. Herbert Simpson, President
U.S. Civil Defense Conference
Colorado Springs, Colorado

I am pleased to send greetings to the 1964 conference of the United States Civil Defense Directors.

The growth and efforts of your organization are indicative of the increasingly effective part which the communities of our nation are playing in the development of a strong Civil Defense program.

You are to be congratulated for the invaluable role you have fulfilled in the last few years with the Office of Civil Defense in the creation of a system of fallout shelters which will give protection from radioactive fallout to our people in the event of a nuclear emergency.

There is growing awareness in our nation that a sound, practical program of civil defense is an indispensable part of our total system of national security. There can be no doubt that the accomplishments of the members of the United States Civil Defense Council and the communities they represent have contributed immeasurably to this awareness and that your work, combined with that of the States and the Federal Government, will result in a stronger and more secure America.

I hope your deliberations will be fruitful and I wish your every success for the future.

(Signed) LYNDON B. JOHNSON

NEW NATIONAL PLAN TO BE ISSUED SOON

The Office of Emergency Planning (OEP) reports that a new compact edition of the National Plan for Emergency Preparedness is expected to be ready for distribution in early 1965. Two chapters—Civil Defense and Fuel and Energy—remain to be finalized. The new plan will update policies and responsibilities presented in 1958 in the National Plan for civil Defense and Defense Mobilization.

*** CD ***

CD BOOKCOVER SUPPLY EXHAUSTED

The State CD Bureau has been advised by OCD that the heavy demand for civil defense school bookcovers has completely exhausted the supply at the AG Publications Center in Baltimore. Local directors are advised that there will be no additional printings this fiscal year. Wisconsin Area CD Directors still have a limited supply of the bookcovers.

*** CD ***

NEW NEWS MAT SERIES DISTRIBUTED

The third in the series of "Did You Know?" newspaper mats has been distributed to local directors. One of the four illustrations comprising the new series is shown in this month's Bulletin. Excellent use of the mats can be made in local public information programs to inform citizens on pertinent civil defense facts and the overall program in general. Additional mats may be obtained by writing to the State CD Bureau.

*** CD ***

FOREST SERVICE PERSONNEL TAKE CDAE COURSE

Lloyd Berray, State CDAE course supervisor, reports two new courses in Civil Defense Adult Education now underway for USDA Forest Service employees.

The new courses include one in the Park Falls area for 56 USDA Forest Service personnel and their wives which had its initial meeting on December 2, and another at Rhinelander for 40 persons starting in January. In addition, Berray reported that a group of supervisory personnel from the Forest Products Laboratory in Madison will also take the course. Several of this group will also take instructor training. Future plans also call for scheduling courses next summer for the Green Bay Catholic Diocese which covers 14 northeast counties.

During the period July 1–November 30, 1964, 783 persons from various areas of the state completed the 12-hour course, with 240 alone completing the course during the month of November. In a recent survey of some of the students completing the course as to their opinions on its value, all agreed that it was extremely worthwhile and served to correct, in many instances, erroneous and misleading impressions regarding the overall civil defense program as well as specific facets within the program.

*** CD ***

NEW CD FLYER PUBLISHED

A new flyer "Highway Signs for Survival" has now been published and can be obtained in quantity from the U.S. Army AG Publications Center, Baltimore, Md. The flyer (L-32) was distributed with the cooperation of the Bureau of Public Roads to State auto licensing bureaus for redistribution with applications for 1965 license plates or tags. The flyer shows illustrations of highway signs that would be used in event of a national emergency along with an explanation of the meaning and use of each of five different signs. The State CD Bureau can furnish up to 500 copies for any single request. Larger orders should be directed to the AG Publications Center, CD Branch, 2800 Eastern Boulevard (Middle River), Baltimore, Maryland 21220.

*** CD ***

FILM BROCHURE DISTRIBUTED

An attractive multi-color brochure designed to promote TV and public showings of four recently produced CD motion pictures has been published by OCD and distributed to TV stations and national organizations. The brochure is titled "4-Films" and gives a synopsis of the new films "One Week in October", "Town of the Times", "About Fallout", and "The Day That Made a Difference." Copies of the brochure are being mailed to county and local CD directors by the State CD Bureau. Additional copies may be obtained from the Bureau or in quantity from the AG Publications Center.



CIVIL DEFENSE AROUND THE STATE

*** what your neighbors are doing ***



Members of the Chippewa county CD auxiliary police are shown above receiving training in the operation of the Wisconsin Police Teletype Net. From left to right are Mike Hrellicka, Milt Patterson, Marvin Schroeder and Jim Stanek. All told, the auxiliary police unit numbers 25 men, fully uniformed, and with 28 hours of instruction in police training. The unit is now starting a course in radiological monitoring and, overall, has participated in over 400 hours of training and volunteer work since its initiation on September 23, 1964. *(Photo courtesy Scott R. Taylor)*

MILWAUKEE—Jose Lowry, Milwaukee county CD training officer has written an interesting article on CD medical training in Milwaukee county which appeared in the International Civil Defense Bulletin published in Geneva, Switzerland. In the article, Lowry discusses the organization of the Medical Hospital Division of the county and the various medical training courses it offers. The Division conducts about 14 courses each year and is the accepted leader in Wisconsin in regard to medical training. Personnel taking the courses include registered nurses, licensed practical nurses, students of nursing schools, medical and dental students, X-ray technicians, medical and dental assistants, occupational and physical therapists, and pharmacists and dentists. The Division is also involved in hospital disaster planning and furnishes trained personnel to serve as observers, critics and umpires for disaster drills in the hospitals throughout the county.

BELOIT—The Beloit Civil Defense Office in cooperation with local Red Cross units conducted a disaster drill on December 9. The drill involved a simulated school bus accident in which 33 youngsters were injured. The test got underway at 1:55 p.m. when a report of the "accident" was flashed over regular communications channels and through the facilities of the Radio Amateur Communications Emergency Service (RACES). Although no prior warning of the test was given, within 11 minutes local fire and rescue units, auxiliary police, Red Cross workers and other volunteer personnel arrived at the scene to tend to the injured and transport them to the Beloit hospital. The "victims" of the disaster were Roosevelt Junior High School students who suffered a variety of injuries such as burns, compound fractures, concussions and amputations. To inject realism, moulages were used to simulate cuts and burns, and red food coloring mixed with laundry starch to give the appearance of bleeding. The exercise was termed a success by all observers and was under the direction of Herb Christiansen, city CD director. State CD officials who were on hand to provide guidance for the drill included Allen W. Hulett, Deputy Co-director, Fire and Rescue Services; Robert L. Williams, MMTA Area Director; and Louis E. Remily, Director of the Division for the State Board of Health.

*** CD ***

WISCONSIN RAPIDS—Donald J. Sleeter of this city has been appointed Wood county civil defense director to succeed Woody Woodrich, Biron, who recently retired after many years at the CD helm. Sleeter had been working as a special investigator in the sheriff's department until his appointment and prior to that was a traffic officer and a member of the state patrol.

*** CD ***

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