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Civil defense news bulletin. Vol. VII No. 5 June-July 1966

Madison, Wisconsin: Bureau of Civil Defense, June-July 1966

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CIVIL DEFENSE NEWS BULLETIN

Published by the BUREAU of CIVIL DEFENSE
Editor: R. W. Curley

BRUCE L. BISHOP
Director of Civil Defense

VOL. VII No. 5

4802 Sheboygan Avenue, MADISON, WISCONSIN 53702

JUNE-JULY 1966

STATE EMERGENCY RESOURCES PLAN TESTED



Gov. Warren P. Knowles gives welcome address prior to start of Emergency Resources Management Test held at the Wisconsin Center in Madison on June 15.

Approximately 180 leaders of state and local government and private industry gathered at the Wisconsin Center in Madison on June 15 to test Wisconsin's new plan for the Emergency Management of Resources in a post-nuclear attack period.

Prior to the start of the all-day exercise, Governor Warren P. Knowles in a brief address stressed the importance of the plan as the official guide for state actions in providing for the continuity of government and the safety and welfare of the general public in event of a nuclear attack on the United States. He thanked members of the many task groups for their contributions toward its development.

Following a talk by Leonard Skubal, Office of Emergency Planning (OEP) on National Policy, the group was given an intelligence briefing by State Emergency Planning Director Bruce Bishop on a hypothetical nuclear attack situation in Wisconsin, and then broke up into task groups to solve problems affecting their resource areas. The attack pattern consisted of seven nuclear detonations - two 10 megaton surface bursts in the Duluth-Superior and Twin Cities areas and five 5-MT bomb hits in the Madison, Milwaukee and Racine county areas.

Resource areas covered by the test were Construction and Housing, Economic Stabilization, Electric Power, Food Resources, Petroleum and Gas, Health and Water, Industrial Production, Manpower, Solid Fuels, Transportation and Telecommunications.

Exercise problems in these resource areas required an evaluation by each of the task groups of the following emergency requirements:

1. Determination of the conditions within the resource area at D plus 30 days.
2. Resource support requirements of claimants for the next 90 days.
3. Resource support available for other resource areas and allocation of available support.
4. Resource support required by entities within the resource area from other resource areas.
5. Problems for the Resource Priorities Board.

Special problems resulting from the simulated emergency were submitted by the chairmen of the task groups to the Resource Priorities Board for resolving just prior to close of the test. The Board was chaired by Roth Schleck, Chairman of the Emergency Planning Committee, and comprised of the following task group members: Gene Rowland (Construction and Housing); Dean E.A. Gaumnitz (Economic Stabilization); W.H. Ferris (Electric Power); Marlon Schvier (Food); Dwight Mack (Petroleum & Gas); Lou Hamel (Health & Water); Paul A. Pratt (Industrial Production); F. J. Walsh (Manpower); Thomas Poletti (Solid Fuels); A. Wilford Larson (Transportation); and Norman Blume (Telecommunications).

(Cont'd. on Page 3 Col. 1)

TORNADO PLAN ISSUED

A new state-wide plan for spotting tornadoes and providing better warning to communities that may lie in their path has been published and is now being distributed to state and local police and civil defense authorities.

The plan utilizes the communications and manpower resources of the U. S. Weather Bureau, State Bureau of Civil Defense, Motor Vehicle Department and all local law enforcement agencies to alert government officials and citizens of approaching funnel clouds.

Under the new plan, severe weather reports, tornado watches and tornado warnings are transmitted via the state CD warning system (NAWAS) and Motor Vehicle radio and teletype nets to the affected areas.

Local responsibilities, once an actual tornado has been sighted, include activating warning systems and notifying local radio and/or television stations to alert citizens to take cover.

The recently installed NAWAS extension in the U. S. Weather Bureau at Truax Field in Madison provides that agency with instant communications to the Motor Vehicle Communications Center and to 22 primary NAWAS points in the state for dissemination of severe weather warnings.

from the DIRECTOR. .

Building of community civil defense programs that will effectively operate under major disaster conditions is a task of considerable magnitude. While government at all levels is charged with the responsibility of disaster preparedness, it cannot do the job alone. It must have the cooperation of every segment of our society to make the program workable.

Counties and communities that have established strong civil defense programs have done so because they sought and obtained the support of their key community leaders, school boards, private business and industry and the individual citizen himself. In addition, local civil defense directors in these areas have invariably solicited the assistance of women's clubs and organizations to both promote and publicize their programs. Women's groups can be especially effective in rendering such assistance because of their closer contact with home, school and community life in general.

A special area of concern, in which women's organizations can be of immeasurable assistance in community disaster planning, is that of providing adequate protection for our school children. I recently pointed out in this column that a survey conducted by the National Commission on Safety Education revealed that only about 15 per cent of the nation's school systems have assigned a responsibility for disaster preparedness to a director or other school officials and that less than 5 per cent have marked and stocked fallout shelters.

Despite this lack of protection, new schools are being built or planned in many of our communities right today with little or no thought given to the physical protection of the students in the event of a nuclear emergency or a major natural disaster. In most instances, inclusion of fallout shelter areas in new schools is a relatively simple matter and can be accomplished with nominal additional cost to the building. It should be pointed out, in this respect, that such shelters also offer excellent protection against tornadoes and other severe storms.

When new schools or other public buildings are planned in a community, local CD directors should make it a habit to inquire of the appropriate officials if shelter protection has been incorporated in the basic design of the building. If not, and his individual efforts prove fruitless, he should contact the head of his local PTA and the Chairmen of women's groups in the area and explain the situation to them. Public opinion exerted through such groups can be extremely helpful in getting the job done.

Children are assembled in school buildings for approximately ten months of each year. If a major disaster should occur during such time, the school might suddenly find itself responsible for the care, welfare and continued survival of the children for a period longer than the normal school day. It is obvious that preparation for such an eventuality cannot be made after the disaster happens.

Women can lend strength to local civil defense programs in many different ways. They can also be recruited by local CD organizations to fill such badly needed emergency assignments as typists, telephone operators, nurses aides, file clerks and to help in the message center, among other things. Directors should consider this excellent source of volunteer help when formulating their local CD plans.

WEATHER WARNING SYSTEM TO BE STRENGTHENED

The Environmental Sciences and Services Administration (ESSA) and the Federal Office of Civil Defense have joined in a nationwide effort to increase the capability for dissemination of severe weather warnings and also improve the natural disaster reporting system. The joint action involves the installation of 171 additional NAWAS installations at ESSA offices, including 22 new stations in Region 4.

These are located at: Alpena, Detroit, Flint, Grand Rapids, Houghton Lake, Marquette, Muskegon and Sault St. Marie, Michigan; Duluth, International Falls, Rochester, St. Cloud and Minneapolis, Minnesota; Evansville, Fort Wayne and South Bend, Indiana; *Green Bay and Milwaukee, Wisconsin*; Moline, Peoria, Rockford and Springfield, Illinois.

*** CD ***

NEW FILM SHOWS SHELTER "SLANTING" IN SCHOOLS

OCD has released a new 6½ minute 16mm color motion picture "The A Plus School" (DOD CD 5-242) showing how "slanting" techniques were used to design fallout shelter into the South Salem School at Salem, Va. Television actor Lorne Greene narrates the film.

Prints will be distributed to the Army Audio-Visual Support Centers during the latter part of June where they will be available for loan to all CD directors, groups, organizations, television stations, etc.

In the Wisconsin area, requests should be directed to the *Fifth U.S. Army, Central Audio-Visual Support Center, Fort Sheridan, Illinois 60037.*

*** CD ***



WKTY NOW PROTECTED STATION

Photograph above shows the new one-story addition to the WKTY radio transmitter building at La Crosse which includes a basement shelter and emergency programming equipment. The walls of the building are 12" masonry, the first floor 10" reinforced concrete, and the roof 8" precast concrete. The shelter will also serve as a studio during day-to-day operations.

The total cost of construction was \$40,696 with the federal government contributing \$15,730 for the shelter, emergency generator, and programming equipment as part of the program for protection of Emergency Broadcast System (EBS) radio stations to enable them to operate under fallout conditions. Seventeen EBS stations in Wisconsin are receiving such protection under the current federal program.

*** CD ***

CIVIL DEFENSE MAKES GOOD SENSE!

RESOURCES PLAN TESTED (Cont'd From Page 1 Col. 2)

A critique following the exercise, Director Bishop called the test a successful one and said that weak spots noted would be ironed out. He said, among other things, that the Resource Plan would have to be dove-tailed with the State CD Survival Plan since civil defense would be one of the major claimants in an emergency. It was also the consensus of the group that a list indicating the order of priorities should be specifically set forth in the plan itself.

Wisconsin received a federal grant from OEP of \$46,000 in 1964 for development of the plan which was carried out by Project Director Harold Hasfjord under Bishop's overall direction.

*** CD ***

CD OFFICIALS ATTEND CSP BRIEFING

Members of the State CD Bureau staff and representatives from the State Highway Commission, Industrial Commission, Department of Resource Development and Southeast Wisconsin Planning Commission attended a two-day Community Shelter Planning (CSP) meeting in Battle Creek on June 2 and 3.

The meeting was sponsored by Region 4 OCD to provide officials from the five states of Wisconsin, Minnesota, Michigan, Illinois and Indiana with planning and implementation aspects of the new Community Shelter Planning program now getting underway nation-wide.

The purpose of the new program is to make the best use of all available shelter, to protect the population in the event of nuclear attack by developing concrete plans to match people to shelters and then making these assignments known through publication in all available media.

Highlights of the meeting included briefings by University of Tennessee officials, who are under contract with OCD to provide basic working procedures for the program. In line with this support activity, a talk on "CSP Program Evaluation" was given by Carl Goldschmidt, Director of the University's CSP Training Program.

*** CD ***

RADIATION DRUGS NO SHELTER SUBSTITUTE

Recent press reports of a research "breakthrough" toward immunizing people against nuclear radiation have prompted the national Office of Civil Defense (OCD) to caution that such a drug, when developed, would be useful in special circumstances but would not substitute for fallout shelter protection in a nuclear attack.

OCD officials point out that the agency maintains close surveillance over current major research into chemicals and drugs with potential radiation protective qualities. These studies have indicated that it seems reasonable to predict the development of a protective drug for use in man is feasible. The protection factor, however, will probably be in the range of 1.5 to 2.5. The minimum protection factor for public fallout shelters is PF-40.

The current assessment of research progress takes account of studies reported by two Cornell University scientists on April 15, 1966 at a convention of the Federation of American Societies for Experimental Biology in Atlantic City, New Jersey. The particular vaccine cited in the press accounts provides a protection factor of about 1.5 using mice as subjects.

The main problem for protective agents at their current stage of development is their high level of toxicity. Research under way is directed toward elimination of major undesirable side effects.

*** CD ***

CD BUREAU HAS STAFF CHANGES

Local CD directors are advised of the following recent personnel changes in the State CD Bureau.

Henry Hinnendael, Business Manager since August 1962, has accepted a promotional opportunity with the Bureau of Personnel as an Administrative Assistant V. Mrs. Dorothy Bauman, private secretary to the Director, has left the classified service for a position in private business. Mrs. Bauman had been with the Bureau since 1956.

New employees with the Bureau are Miss Linda Koepke, who has replaced Mrs. Bauman, and Miss Lynn Kipila, a Steno II, who has filled the position left vacant by the retirement of Mrs. Agnes Kinsella last April.

*** CD ***

RURAL CD SLIDE BRIEFING AVAILABLE

A new 20-minute slide and tape set entitled "A Year of Double Trouble" is now available on loan to county and local CD directors. It may be obtained by writing to Mr. Donald V. Jensen, Emergency Preparedness Specialist, Agricultural Engineering Department, University of Wisconsin, Madison 53706.

The set, which covers natural disasters occurring during a one year period in the United States, is designed to help create public awareness to floods, tornadoes, ice storms and forest fires, and also stresses the need for community and individual preparedness for man-made as well as natural disasters.

The briefing has been found useful in meetings, television, exhibits and other types of presentations. It can be used either as a tape presentation or as individual slides with the written narrative.

*** CD ***

CSP WORKSHOPS SCHEDULED

Training workshops for Community Shelter Planning (CSP) personnel have been scheduled at the OCD Staff College in Battle Creek, Michigan as follows:

CSP Workshop for Planners:

August 8 - September 12 - October 3 and 24 - November 28 - December 12, 1966

January 16 - February 6 and 13 - March 27 - May 1 and 22 - June 26, 1967.

CSP Workshops for Officials:

August 29 - September 19 - October 10 - November 14 - December 5, 1966.

January 9 and 30 - March 6 - April 10 - May 8 - June 12, 1967.

Optimum enrollment is 25 and approval of enrollment is subject to review by State Director, appropriate CE/BU Docks District Office and Region 4 Office.

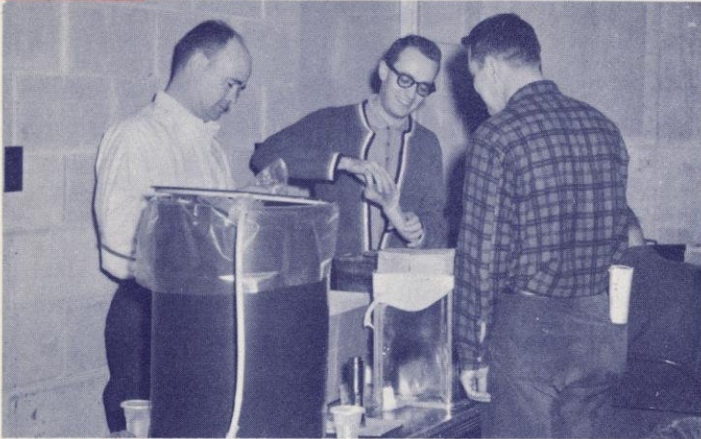
*** CD ***



CIVIL DEFENSE AROUND THE STATE



★ ★ ★ what your neighbors are doing ★ ★ ★



MILWAUKEE - Pictured above, from left to right, are M/Sgt. William Burke, 9658th Air Reserve Squadron, and Clint Reese and Paul Mersman of the Mobil Oil Co., as they prepare supper for 21 students of a Shelter Management Course who recently spent 20 hours in a public fallout shelter to meet course graduation requirements. The course, conducted by Ralph Eschweiler of the City of Milwaukee CD staff, was the sixth of its type held by the city's civil defense organization since January 1, 1966. The students, employees of the Mobil Oil Co. and a cadre of officers from the 9658th Air Reserve Squadron, completed 12 hours of formal classroom instruction in civil defense and were also instructed in the use of all shelter supplies, including radiological instruments. The trained managers will now be assigned to a shelter at their place of employment or near their home as part of the program to staff the 519 public shelter facilities already licensed by the city.

★ ★ ★ CD ★ ★ ★

RACINE - Nick Braun, county CD director, can claim partial credit for a new type can opener that will be included in future shelter supply procurements by OCD. As a result of his letter, and those of some local directors in other states, to federal CD authorities on the inadequacy and potential hazard posed by use of the present old-type can opener (cut hands, etc.), OCD has advised the State CD Bureau that an improved opener has been developed. Braun was commended by State CD Director Bruce Bishop for his personal observations and bringing the matter to the attention of federal officials.

BARABOO - Russ Prothero, Sauk Co. CD Director, has found a way to reconstitute liquified waterless hand cleaner which local directors were instructed to remove from shelter supplies. The process involves pouring off and saving the liquid, and then adding enough water to the white solid to stir into a thick cream. When rubbed on the hands the cream will initially become sticky but then turn slippery and moist at which time full cleaning power occurs. Hands may then be rinsed with water or wiped with a cloth. The fluid may be used as a preliminary clean-up before using the white cream when hands are extremely soiled.

★ ★ ★ CD ★ ★ ★



KENOSHA - Bruce Bishop, State CD Director, second from right, awards certificate of course completion to Lorraine Cotton, a member of the county's auxiliary police unit. Looking on, left to right, are capt. Ralph Fox, police department instructor and Joseph T. Ripp, Kenosha County CD Director. Cotton and other auxiliary police personnel recently completed a 20-week training course in police functions.

★ ★ ★ CD ★ ★ ★



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