



Richard J. Daley,
Mayor

Chicago Civil Defense Corps

Suite 1188, 140 South Dearborn Street

Chicago 3, Illinois

Telephone: ANdover 3-4173-74



Robert J. Quinn,
Acting Director

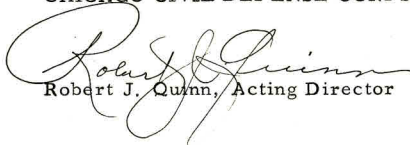
March 7th, 1960

Dear Sir:

There is submitted here-
with, copy of the Annual Report of this
Corps for the year 1959.

Sincerely,

CHICAGO CIVIL DEFENSE CORPS



Robert J. Quinn, Acting Director

RJQ/SD



Richard J. Daley,
Mayor

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Robert J. Quinn,
Acting Director

March 1st, 1960

Honorable Richard J. Daley,
Mayor of Chicago,
Fifth Floor, City Hall,
Chicago 2, Illinois.

Sir:

Our monthly reports during 1959 contained detailed accounts of our activities including the maintenance and operation of all civil defense equipment and facilities. A special report was submitted on our participation in the Annual Nationwide Civil Defense Training Exercise "OPERATION ALERT 1959".

Therefore, the following report is a summary of special activities, detailed in the monthly reports and an inventory of all civil defense equipment presently owned by the City of Chicago, as well as a listing of all expenditures by the Chicago Civil Defense Corps during the year. It also includes a statement of federal matching funds received (and approved for payment) during the same period.

This report is in four Sections as listed below:

SECTION I - FACILITIES AND EQUIPMENT

- a) Facilities
- b) Equipment in service

SECTION II - EXPENDITURES & REIMBURSEMENTS

- a) Expenditures
- b) Reimbursements
- c) Net Expenditures
- d) Reimbursements receivable

SECTION 111 - ACTIVITIES & GENERAL INFORMATION

- a) Routine Activities
- b) Special Activities
- c) Mutual Aid
- d) Chicago Civil Defense Plan

SECTION 1V - ACKNOWLEDGEMENTS

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SECTION I - FACILITIES & EQUIPMENT

a) Facilities:

The following facilities for command and control of the Corps are in operation:

Primary Control Center, Soldier Field
Alternate Control Center #1, 4911 W. Belmont,
Alternate Control Center #2, 8026 S. Kedzie,
Mobile Control Unit, Victor 1, 103rd & Vincennes,
Mobile Control Unit, Victor 2, 3112 W. Foster,
Fire & Rescue Division, 1244 N. Wells Street.

b) Equipment:

The following equipment is in service:

99 Air Raid Warning Sirens
1 Set Radiation Detection Instruments
50 Radiological Survey Meters
150 Oxygen Breathing Apparatus
150 Fog Nozzles
6 Fire & Rescue Trucks
14 Base Station Trans-Rec. (Portable)
87 Mobile Transmitter-Receivers
-- Radio Telephone Facilities (Water Dept.)
29 Teleprinters
3 Base Station Transmitter-Receivers
1 Leak Desk & Accessories with 5 Desk Sets
14 Gasoline Engine Driven Generators
30 Self-priming Centrifugal Pumps & Cans
7 Mobile Transmitter-Receiver Sets
235 Hand Portable Transmitter -- Receivers
3 Steel Radio Towers (Belmont, Wentworth & Sacramento)
18 Telephones at Police Stations (6-Wentworth & 12-Belmont)
30 A.C. Portable Generator Sets & Accessories
1 Generator for Fire Department Shops
1 Counter Converter (radiation detection), Medical Dept.
2 Radio Antenna Poles (Belmont & Kedzie)

- 1 Truck (Surplus Property) (F & R)
- 44 Firemen's Coats, Caps & Badges (F & R)
- 52 First Aid Books (F & R)
- 1 Anton Type G. M. Tube & Gas (Medical Dept.)
- 12 Power Voice Megaphones (Police Dept.)
- 18 Beam Lamps (F & R)
- 1 Neville Alternator (Mobile Unit)
- 1 Multilith Duplicating Machine)
- 1 Pitney-Bowes Stamping Machine)
- 1 Pitney-Bowes Folding Machine) C.D. Office
- 1 Addressograph Machine)
- 1 Photo-copy Machine)

To assist civil defense during times of national emergency in directing evacuation, the following equipment (Radio Communications System), was procured by the Department of Streets & Sanitation:

- 1 Base Station Tr-Rec. FM, 20 watt
- 1 Base Station Antenna & Kit
- 8 Remote Control Consoles & Microphones
- 6 Remote Control Handsets
- 1 Cordless Switchboard
- 130 Mobile Tr-rec. Units, FM 20 watt
- 8 Trunk Installation Kits
- 65 Leece-Neville Alternators
- 1 Frequency Modulation Deviation Measuring Set

The following equipment (additional communication system) was obtained for the Public Works & Communications Division (North, Central and South Districts of the Water and Sewer Division) to better serve civil defense during periods of emergency:

- 1 Base Station Tr-Rec., FM, 60 watt
- 1 Remote Control & Desk Microphone
- 6 Desk set microphones
- 1 Lot, Antenna, Cables & Accessories for base station
- 3 Antenna towers (Western, Ashland & Wabansia)
- 1 Cordless Switchboard & Accessories
- 37 Mobile Tr-Rec. Sets, FM, 25 watts

SECTION 11 - EXPENDITURES & REIMBURSEMENTS

a) Expenditures:

Against the total appropriation of \$387,000.00 for 1959, the gross expenditures of the Corps during the year amounted to \$166,549.90 as itemized below:

<u>Acct.</u>	<u>Item</u>	<u>Amount</u>
005	Salaries	\$14,062.00
010	Personal Services	----
130	Postage	3,128.75
	Stationery, etc. \$2,718.55)	
	Printing 180.74)	
350	Maps 120.00) 3,691.05	
	Petty Cash 671.76)	
422	Furniture & Fixtures	----
	Standby Telephones at S.F. \$ 992.08)	
	Rental, 6-channel equipment 1,554.52)	
	Standby Tel. at Belmont Ave. 908.31)	
	Standby Tel. at Kedzie Ave. 940.28)	
	2 Teleprinters, Mobile Units 858.48)	
	Rail guard Inst. at 3 towers 146.46)	
	Gas, service & Maintenance)	
423	in 2 mobile units 593.91) 24,790.55	
	Telephone at LaGrange C.C. 125.12)	
	Batteries for Control Centers 258.63)	
	Handie-talkies & Batteries 1,865.67)	
	Rec. chges in 2 mobile units 12,807.51)	
	Rental, 1 & 2-channel equip.)	
	at 4911 W. Belmont Ave. 2,269.36)	
	Rec. chges, radio equipment)	
	in 2 mobile units 1,470.22)	
	Repair of Survey Meters 395.92)	
	Cabinets for Control Center 139.40)	
	Cables & Ground Rods for)	
424	2 mobile units 319.27) 4,073.29	
	Inst. of radio equipment for)	
	Water Department 3,000.00)	
	Ray-O-Vac Batteries 218.70)	
801	Installation of Air Raid System	----

<u>Acct.</u>	<u>Item</u>	<u>Amount</u>
802	Surplus Property for F & R Division.....	\$ 1,409.89
	Rental, electric transformers \$ 143.12)	
	Rental, 29 Teleprinters 16,544.19)	
	Repairs on Sirens 18,307.34)	
	Oil for Generators 66.60)	
803	Batteries for walkie-talkies.. 732.06)	\$48,970.85
	Rec. chges, Tel, 3 pol. stations 1,165.89)	
	Rec. chges, siren circuits 6,296.54)	
	Rental, base stations 440.00)	
	Rec. chges, 3 base stations... 5,179.70)	
	F.A. office telephone 95.41)	
804	Medical Equipment (Repairs on survey meters	47.36
	Helicopter instructions..... 56.70)	
	Use of Helicopter 2,579.17)	
	Coats for F & R Division 219.25)	
	Tools for F & R Division 6,689.34)	
	50 helmets for F & R Division.. 675.00)	
805	48 Canisters for F & R Division 1,299.40)	19,401.72
	75 pr. Insoles for F & R Division 206.25)	
	Hydraulic Eq. for F & R Division 2,484.00)	
	Lombard chainsaws for F & R 1,908.00)	
	Oxequip Masks for F & R Division 3,060.00)	
	First Aid Books, F & R Division 22.50)	
	Repair on Generator & Pump ... 202.11)	
	F & R Office telephone 215.88)	
	C.D. Office telephone 562.88)	
	C.D. Office Rent 3,465.00)	
	Comm.eq. for C.D. Water Dept. 41,028.00)	
806	Military Ind. Conference 442.50)	46,974.44
	Membership Dues 50.00)	
	C.D. Office Electricity 215.02)	
	Insurance, F & R Trucks 290.55)	
	Travelling Expenses 451.01)	
	Miscellaneous 253.60)	
	Grand Total	\$166,549.90

b) Reimbursements:

Against the gross expenditures listed, the Corps received \$58,704.28 in federal matching funds for the equipment and/or services itemized below:

<u>Amount</u>		
\$ 3,283.50	1/23/59	Rec. chges for Siren Control Circuits
633.50	2/5/59	Rec. chges for telephones, 3 police stations
457.62	2/5/59	Rec. chges, standby tel., 8026 S. Kedzie
20,745.09	3/9/59	Construction of control center, 8026 S. Kedzie
857.10	4/3/59	Rec. chges, standby tel., 8026 S. Kedzie
8,334.00	4/3/59	Rec. chges, 30 W. U. Teleprinters
5,827.25	4/3/59	Rec. chges, equipment in 2 mobile units
857.10	4/3/59	Rec. chges, standby tel., 4911 Belmont
324.00	9/4/59	24 Fire Coats, F & R Division
1,744.75	9/15/59	7 Mobile Trans-Rec. Sets
6,263.00	12/23/59	Maintenance of Sirens
495.81	12/28/59	Rec. chges, standby tel., 8026 Kedzie
635.94	12/28/59	Rec. chges, telephone, 3 police stations
<u>8,245.62</u>	12/28/59	Rec. chges, 30 W. U. Teleprinters

\$58,704.28 - Total matching funds received.

c) Net Expenditures:

Federal matching funds received, deducted from gross expenditures, leave a net expenditure for all Chicago Civil Defense purposes during 1959 amounting to \$107,845.62.

e) Reimbursements receivable:

The following applications for matching funds were approved for payment but not yet received as of December 31, 1959:

<u>Amount</u>	<u>Item</u>
\$1,407.00	2 Base Station Tr-Rec., Belmont Ave.,
3,045.00	3 Base Station Tr-Rec.
857.10	Standby telephones at Soldier Field
6,685.00	Teleprinters & Telephone in 2 mobile units
857.10	Standby telephones at Belmont Avenue
5,110.92	Equipment in F & R Trucks
1,114.80	12 power voice megaphones
3,330.00	Rec. chges on Siren Control Circuits

The total appropriation by the Chicago City Council for the purposes of the Chicago Civil Defense Corps for 1960 amounts to \$350,000.00.

SECTION 111 - ACTIVITIES & GENERAL INFORMATION

a) Routine Activities during the year included the following:

1. Weekly operational tests of Chicago Public Air Raid Warning System;
2. Daily checks of Key Point Air Raid Warning Telephone contact with the U. S. Air Defense Command;
3. Preparation and monthly mailing of Bulletins and other Civil Defense informational material to business and industrial firms and other organizations within the city and its suburbs;
4. Reproduction of "CHRISTMAS FIRE SAFETY" pamphlets (100,000) for the Chicago Fire Department for distribution during the holiday period;
5. Civil Defense instruction to groups and organizations by the Administrative Staff of the Corps;
6. Monthly reports on Geiger Counters and Survey Meters in both public and parochial schools for courses in Radiological Monitoring;
7. Routine check of all civil defense emergency radio communications equipment.

b) Special Activities:

1. The Chicago Park District Police merged with the Chicago Police Department as of January 1, 1959. Therefore, the Civil Defense equipment formerly used by the Park District Police was picked up and transferred to other divisions of the Corps.
2. A Special Course for Emergency and Disaster Control Planning in Industrial Plants was held in O.C.D.M. Staff College, Battle Creek, Michigan. A large number of these plants in Chicago had representatives of their organizations attend this course.
3. The management of the Lake Shore Club of Chicago, 850 Lake Shore Drive, set up a Radioactive Fallout Shelter in the second floor basement of the club, 16 feet below street level. They have equipped the shelter with Medical Supplies, Water and Food supplies to last an estimated five hundred people as long as two weeks. A registered nurse, on call 24 hours, standard First Aid Equipment, numerous cots, blankets and a 10 KW Auxiliary Generator for emergency power and battery operated radios have also been provided.

For inspiring others to take similar steps in such action, we congratulate those responsible.

4. "OPERATION ALERT 1959". A meeting of all Key Personnel of the Corps was held on April 10, 1959, in the Prudential Building Auditorium, 130 East Randolph St., on the problem posed to Chicago by the Office of Civil and Defense Mobilization for this Test Exercise. This training concluded with an actual Command and Control Exercise during the period April 17 and 18, 1959 (first phase) and May 8 and 9, 1959 (second phase). A full report on this Exercise was submitted to the Mayor and provided to all those on our mailing list.
5. NATIONAL CIVIL DEFENSE DAY. The Corps carried on an extensive public information campaign before and after December 7th, 1959. The purpose of NATIONAL CIVIL DEFENSE DAY, December 7, 1959, was to impress upon every citizen the importance of survival actions and incorporate civil defense preparedness into the pattern of their daily living.

6. The Fire and Rescue Division of the Corps had a display during the month of March at the Chicagoland Fair, Navy Pier. A Rescue Truck with equipment and personnel were on display. 65,000 pieces of literature were handed out during the exhibition.
7. A "DISASTER PLAN" for Hospitals was prepared by the Chicago Civil Defense Corps and sent to all hospitals in the city.
8. "OPERATION WHIRLWIND". This was an Exercise held by the Little Company of Mary Hospital to test their civil defense and evacuation plans.
9. The University of Illinois Hospital, Presbyterian-St. Luke's and Mt. Sinai Hospitals held simulated Disaster Exercises to test their operational plans.
10. The Bowman Dairy Company assisted the Fire and Rescue Division of the Corps on Sunday, January 11th, by conveying potable water in tank trucks in the area of 104th and South Green Streets where a 48-inch water main break occurred.
11. A request to build a PROTOTYPE Family Fallout Shelter in the Chicago area was discussed with the O.C.D.M. Staff in Battle Creek, Michigan. Chosen as a possible location for this shelter is the area of the Hall of Science & Industry, Jackson Park.
12. A Conference on small hospital problems in civil defense, given by the Tri-State Hospital Assembly, was attended by the Corps, in addition to more than four hundred members from Hospital groups.
13. Civil Defense was presented to the "Mothers of World War II" at a Convention in the Sherman Hotel.
14. The Fire and Rescue Unit was seen in action by Director Leo A. Hoegh, at the scene of a giant cargo plane crash in a residential area on November 24th. Director Hoegh had high praise for the work of the Chicago Civil Defense Fire and Rescue members.

15. A special demonstration of a mass casualty drill, with the use of the 200-bed Emergency Training Hospital Unit, was held at the Armory, 2026 E. 71st Street.
16. A 'Community Leadership' Course, with instruction in all phases of civil defense, is being conducted at the Edgewater Beach Hotel under the supervision of Rodney Faxon. This course will run from October, 1959 through March, 1960. There are approximately sixty persons taking the 38 hour course, two hours weekly.
17. Through the American Broadcasting Company, many spot announcements on Radio and Television were contributed to promote civil defense in the Chicago-land area.

c) Mutual Aid:

Mutual aid assistance was rendered by the Fire and Rescue Unit of the Public Safety Division in the following instances:

1. A natural disaster (windstorm) in Evanston during the month of October.
2. Help was given during a windstorm in Skokie, Illinois.
3. Assistance was rendered in the recovery of drowning victims on several occasions.

d) Chicago Civil Defense Plan:

In order to secure accreditation for Chicago in connection with federal matching funds for civil defense and other areas of activity, a revised Chicago Civil Defense Plan, a modification of the original plan as developed in 1951, was prepared and distributed to all key members of the Corps.

This Plan, for the City of Chicago, is intended to provide a method of procedure and action for local civil defense in natural disasters or against hostile actions. It conforms to the Illinois Civil Defense Plan and the Illinois Operational Survival Plan.

SECTION IV - ACKNOWLEDGEMENTS

Divisions of the Corps and their 'Cooperating Agencies' --

The 'Cooperating Agencies', along with the six divisions of the Corps performed all of the services required of them, particularly during "OPERATION ALERT 1959".

State and County Civil Defense Agencies --

The Office of Civil and Defense Mobilization, the Illinois Civil Defense Agency and the Cook County Civil Defense Office cooperated and assisted the Chicago Civil Defense Corps to the fullest extent and we are grateful for their help.

We also appreciate the assistance of the public and private utility companies, the Chicago Press, Radio and Television Stations and the commercial and industrial organizations who aided us in our work.

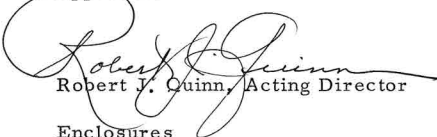
We gratefully acknowledge the support and cooperation given to us during 1959 by Mayor Daley, the members of the City Council and the several departments and agencies of local government.

Respectfully submitted,

CHICAGO CIVIL DEFENSE CORPS


Gerald J. Slattery

Approved:

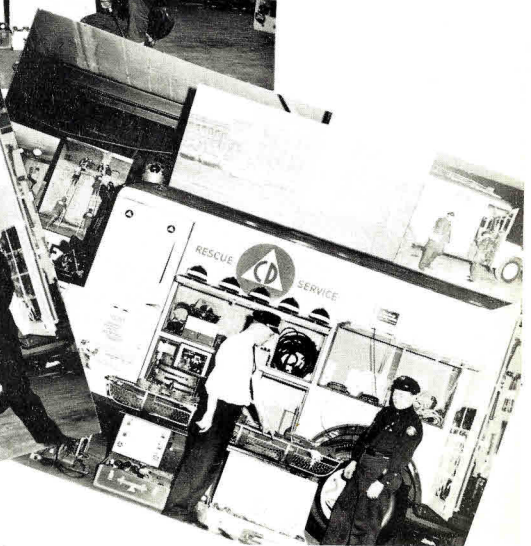
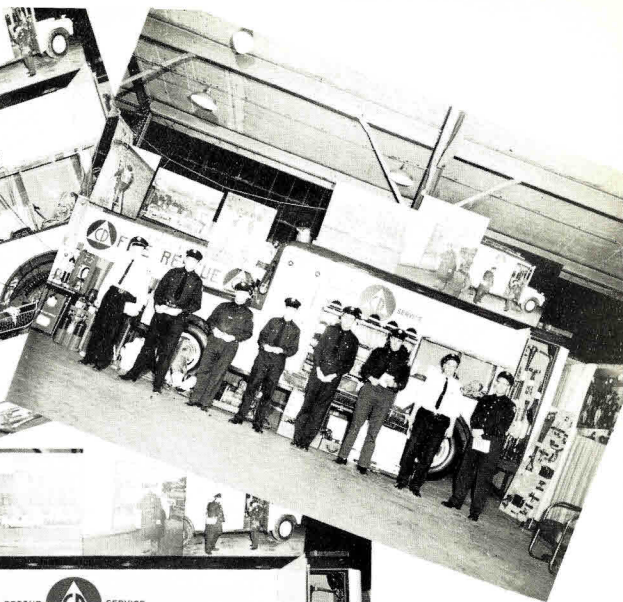

Robert J. Quinn, Acting Director

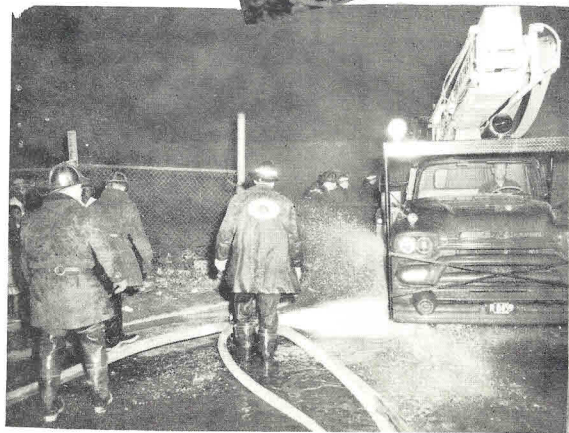
Enclosures

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Members of the Chicago Civil Defense Fire and Rescue Service display equipment they are capable of using to aid city Fire department.