### **ONE HUNDRETH ANNUAL REPORT**



### FIRE DEPARTMENT

CITY OF MADISON, WISCONSIN

CHIEF EDWARD JOSEPH PAGE 1956

100 741

# FIRE DEPARTMENT MADISON, WISCONSIN

10

ENDING DECEMBER 1956

Mayor Ivan A. Nestingen, Members of the Common Council, Honorable Board of Police and Fire Commissioners

Madam and Gentlemen:

The one hundredth Annual Report of the Madison Fire Department is presented for the year ending December 31, 1956.

In submitting this report I want to express my appreciation to the Mayor, members of the Council and the Board of Police and Fire Commissioners for the splendid cooperation they have given during the past year. Their understanding of the many problems connected with fire service has contributed immeasurably to the efficiency and progressive reputation which the department has achieved.

You will note from the statistics presented in this report that although the number of fire alarms have increased 26 over those of 1955, the fire loss for the city has decreased approximately \$300,000 from the loss experience of 1955. Our fire loss of \$98,631 for 1956 is the lowest charted figure since 1944 when the loss was approximately \$81,000.

You will note also that our building fires, those that present the greatest challenge to any department, have decreased 31 from the 1955 figure. This is indicative not only of the continuous efforts of the Fire Prevention Bureau to reduce fire hazards through daily inspections, but also of the increased interest that the citizens of Madison are taking in fire prevention and clean-up work.

The delivery of two 1250 gallon Pirsch pumpers in late December has alleviated a condition which has caused some concern to the department for many years. That concern was the insufficient pumping capacity of the engines assigned to Station No. 2 and Station No. 5. The two new engines have now been assigned to these respective stations which will provide the citizens of the east side and the uptown high hazard district more adequate protection than has been available in the past.

The lack of sufficient Chief Officers as well as alarm dispatchers continues to present problems which can only be solved by the authorization of new positions. The approval of one additional Assistant Chief as of January 1, 1957 will solve to some degree the shortage that has existed in this rank for many years. It does not, however, solve the problems which have been outlined to the Board of Estimates during my last two budget presentations. I want to again publicly express my appreciation and gratitude to all members of the department for their continued cooperation, loyalty and devotion to duty, all of which have contributed in a large measure to the efficiency of the department.

Our fire statistics and activities of our various Bureaus are given on the following pages.

Respectfully submitted,

Chief Edward Joseph Page

# LOSS OF LIFE & PROPERTY

1



### FIRE LOSS



\* Total insured less for year 1956 is incomplete. AVERAGE FIRE LOSS, Insured: 10 year experience-- \$200,560

#### MONTHLY FIRE LOSS RECAPITULATION

Alarms Attended - 1956

January	\$ 4,079,15
February	15,926,33
March	11,123.89
April	2,110,49
May	3,811,64
June	3,183,11
July	9,113,17
August	2,302,88
September	1.415.85
October	3,756.47
November	3,927.37
December	8,267.17

Total For Alarms Attended

\$69,017,50

Alarms Not Attended - 1956

January	\$ 2,472,20
February	1,892,12
March	1,361,87
April	2,784,23
May	4.090.98
June	2,011,73
July	4,743,97
August	2,503.01
September	3,326,52
October	2,251,56
November	677.42
December	1,497.62

Total For Alarms Not Attended

#### \$29,613.23

TOTAL FIRE LOSS - 1956

\$98,630.73\*

\* This figure is subject to change as additional losses for 1956 are reported.

#### PER CAPITA FIRE LOSS: 10 year experience



## ALARM & FORE FREQUENCY

~~~~

#### FIRE AND ALAFM FREQUENCY

10-Year Experience



#### ALARN CLASSIFICATION

|           |                    |                  | ALARMS          | INVOLVING     | FIRE  |                         |                       | ALARMS 1        | NOT INVOLVI        | NG FIRE                   |                           |
|-----------|--------------------|------------------|-----------------|---------------|-------|-------------------------|-----------------------|-----------------|--------------------|---------------------------|---------------------------|
|           |                    | Ir               | Building        | 5             |       |                         |                       | 1               |                    |                           | 1                         |
| MONTH     | Dwelling<br>Occup. | Public<br>Bldgs. | Mercan-<br>tile | Mfg <b></b> • | Misc. | Grass<br>Brush<br>Dumps | All<br>Other<br>Fires | False<br>Alarms | Mistaken<br>Alarms | Specials<br>and<br>Inves. | Total<br>Number<br>Alarms |
| January   | 33                 | 0                | 6               | l             | 4     | l                       | 11                    | 4               | l                  | 6                         | 67                        |
| February  | 30                 | о                | 9               | 0             | 5     | l                       | 10                    | 5               | 3                  | 5                         | 68                        |
| March     | 33                 | 2                | 2               | 0             | ı     | lı                      | 9                     | 8               | l                  | 9                         | 66                        |
| April     | 16                 | 0                | 2               | 0             | 5     | 44                      | 28                    | lı              | l                  | 3                         | 100                       |
| May       | 13                 | l                | 0               | l             | ı     | 5                       | 11                    | 8               | 0                  | 11                        | 51                        |
| June      | 13                 | 0                | 2               | ı             | 3     | 0                       | 18                    | lı              | L                  | 18                        | 57                        |
| July      | 20                 | 0                | 3               | ı             | 5     | lı                      | .7                    | l               | о                  | 4                         | 42                        |
| August    | 14                 | 2                | 3               | 0             | 3     | o                       | 9                     | 3               | l                  | 21                        | 56                        |
| September | 18                 | о                | 9               | 0             | l     | 1                       | 15                    | 3               | 0                  | 6                         | 53                        |
| October   | 15                 | 3                | 2               | 0             | 7     | 12                      | 31                    | 2               | 1                  | 13                        | 86                        |
| November  | 20                 | 2                | 4               | 1             | L     | 1                       | 18                    | 1               | l                  | 14                        | 63                        |
| December  | 29                 | 1                | 2               | 0             | 2     | 4                       | 9                     | 3               | 3                  | 10                        | 63                        |
| TOTAL     | 254                | 11               | <u>14</u> 4     | 5             | 38    | 71                      | 176                   | 40              | 13                 | 120                       | 772                       |

| BUILDING FIRES                  |         |      |                      |                |                                   |       |            |                  |                  |                  |                        |             |      |           | -     | 1        |           |              |                     |                          |           | Ŧ                 |                         |           |                 |                       |                          |                   |                      |
|---------------------------------|---------|------|----------------------|----------------|-----------------------------------|-------|------------|------------------|------------------|------------------|------------------------|-------------|------|-----------|-------|----------|-----------|--------------|---------------------|--------------------------|-----------|-------------------|-------------------------|-----------|-----------------|-----------------------|--------------------------|-------------------|----------------------|
| CAUSES -                        |         |      |                      |                |                                   |       |            |                  |                  |                  |                        |             |      |           | CUPA  |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   |                      |
|                                 |         |      |                      |                | 1                                 |       | 1          |                  |                  |                  |                        |             | T    | 7_(       | Numb  | per o    | f Fi:     | res          | Due !               | To E                     | ach (     | Caus              | e)                      |           |                 |                       | - Carllin on Carl        |                   |                      |
| OCCUPANCIES OF BUILDINGS        | 4005    |      | Spontaneous Ignition | Lamps & Stoves | Electric Appliances<br>and Motors | 1 (2) | Oil Burner | Defective Heater | Gas & Appliances | Grease On Stoves | Defective Elec. Wiring | ren With Ma | s of | s Smoking | inery | les      | Explosion | Undetermined | Rubbîsh Near Heater | Combustibles Near Heater | Rekîndled | Sparks From Torch | Sparks From Incinerator | Lightning | Burning Rubbish | Defective Incinerator | Sparks From Rubbish Fire | Malicious Burning | TOTAL BULLDING FIRES |
| Schools                         |         |      | -                    |                |                                   |       |            |                  |                  |                  |                        |             |      | 0         | joj.  | H        | 臣         | P            | Ř                   | 0                        | R         | 10.               | S                       | Ы         | А               | A                     | 2                        | N                 | H                    |
| Hespitals                       | -       | 5    | 1                    |                | 2                                 |       |            |                  |                  | 1                | l                      |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   |                      |
| Government Buildings            | -       | NAV. | 2                    |                | 1                                 | 1     |            |                  |                  |                  |                        |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 5                    |
| Library                         | +       | -    |                      |                |                                   |       |            |                  |                  |                  | Ì                      |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 2                    |
| Service Memorial Institute      |         | -    |                      |                | 1                                 |       |            |                  |                  |                  |                        |             |      |           |       |          |           |              |                     |                          |           | l                 |                         |           |                 |                       |                          |                   | l                    |
| Churches                        | -       | -    |                      |                | ······                            |       |            |                  |                  |                  |                        |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 1                    |
| II. DWELLING OCCUPANCIES        |         | 1    |                      |                |                                   |       | ······     |                  |                  |                  |                        |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 | 1                     | ********                 |                   | 1                    |
| Dwellings                       | 15      |      |                      |                |                                   |       | .          |                  |                  |                  |                        |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          | 1                 | 1 11                 |
| Apartments                      | 8       | 2    | 2 ] ]                |                | 2                                 |       |            | 20               |                  | 20               | 9                      | 12          | 1    | 1         |       |          | _         | *            |                     |                          |           |                   |                         |           |                 |                       |                          |                   |                      |
| Flats                           | 4       |      |                      |                |                                   | 4     | 3          | 3                | 2                | 11               | 8                      | 1           |      | 6         |       |          | l         | 3            | 2                   | 3                        |           |                   |                         | 3         | 1               |                       |                          |                   | 115                  |
| Rooming Houses                  | 4       |      |                      |                |                                   | 2     |            | 5                |                  | 1                | 1                      |             |      | 5         |       | 1        |           | 2            |                     | 2                        | 1         |                   |                         |           |                 |                       |                          |                   | 59                   |
| Hotels                          |         |      |                      |                | 1                                 | 1     | 2          | 1                |                  | 1                | 1                      |             |      | 4         |       |          |           |              |                     | 1                        |           |                   |                         | 1         |                 |                       |                          |                   | 21                   |
| Sorority Houses                 |         |      |                      |                |                                   |       |            |                  |                  |                  |                        |             |      | 1         |       | 1        |           | 1            |                     | 1                        |           |                   |                         |           |                 |                       |                          |                   | 11                   |
| Fraternity Houses               | ******* |      |                      |                |                                   |       |            |                  |                  |                  |                        |             |      | 2         |       |          |           |              |                     |                          |           |                   |                         | 1         |                 |                       |                          |                   | 2                    |
| III. MERCANTILES<br>Restaurants | ******  |      |                      |                |                                   |       | _          |                  |                  |                  | 1                      |             |      | 1         |       |          |           |              | l                   |                          |           |                   | 1                       |           |                 |                       |                          |                   | 1<br>5 254           |
| Retail Stores                   | 0       |      |                      | נ              |                                   |       | 3          |                  |                  | 5 :              | L                      |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   |                      |
| Stores & Apartments             | 2       |      | -                    |                |                                   |       | 2          |                  | 1                | 2                | 2                      |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 10                   |
| Difices                         | 2       |      |                      |                | ]                                 |       | 4 :        | 1                | 1                | 2 ]              |                        |             |      | 3         |       | 1        |           | 1            |                     |                          |           |                   |                         | Î         | ·····           |                       | ·····                    |                   | 13                   |
| Vite Clubs & Offices            |         |      | 1                    | · ······       |                                   |       |            |                  |                  | 1                |                        |             |      | 3         | •     |          |           | 1            |                     |                          |           |                   |                         | 1         |                 |                       |                          |                   | 15                   |
| Tilces & Warehouses             | ·····   |      |                      |                |                                   |       |            |                  | •                | 1                |                        |             |      |           |       | <u> </u> |           | 1            |                     |                          | 1         |                   | 1                       |           |                 |                       |                          |                   | 2                    |
| aundry                          |         | -    |                      |                |                                   |       | ]          |                  |                  |                  |                        |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           | ·····           |                       |                          |                   | 1                    |
| IV. MANUFACTURING               |         | 1    |                      |                |                                   |       |            |                  |                  |                  |                        |             |      |           |       |          |           | l            |                     |                          |           |                   |                         |           |                 |                       |                          |                   | <br>1<br>2 44        |
| ood Products                    |         |      |                      | *******        | 1                                 |       |            |                  | Į                |                  |                        |             |      |           |       |          |           |              |                     |                          |           | -                 | 1                       |           |                 | 1                     |                          |                   |                      |
| V. MISC. BUILDINGS              |         |      |                      |                | 3                                 |       |            |                  |                  | 1                |                        |             |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 1<br>4 5             |
| lags. Under Construct           |         |      |                      |                |                                   |       | ļi         | ***************  |                  |                  |                        | 11          |      |           |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | ·****                |
|                                 |         |      | 2                    |                |                                   |       | 11         |                  |                  |                  | ] ]                    |             |      |           | 1     |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 3                    |
| lacks & Shode                   |         |      |                      | 1              |                                   |       |            |                  |                  |                  | 4                      | 1           | 449V |           |       |          |           | 1            |                     |                          |           | 1                 |                         |           |                 |                       |                          |                   | 6                    |
| olesale Houses                  |         |      |                      |                | 2                                 |       |            |                  |                  |                  | 1                      |             |      |           |       | 1        |           | 2            |                     |                          |           |                   |                         |           | 1               |                       | 3                        |                   | 12                   |
| auber Yards & Will              |         |      |                      |                |                                   | 11    |            |                  |                  | 1                |                        |             |      |           |       |          |           | 1            |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 4                    |
| L'ENOIISO-                      |         |      |                      |                |                                   | -     |            |                  |                  |                  |                        | 1           |      |           |       |          |           |              |                     | 1                        |           | ·····             |                         |           |                 |                       |                          |                   | 2                    |
| SC. Strand                      |         | *    | ·····                |                |                                   | 1     |            |                  |                  |                  |                        |             |      |           |       |          |           |              | 1                   |                          |           |                   |                         |           |                 |                       |                          |                   | ĩ                    |
| BUILDING ETDER                  |         |      |                      | 1              | 1                                 |       |            |                  |                  | 1                | 2                      | P           |      | 1         |       |          |           |              |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 1                    |
| 31 JUNO FIRES                   | 4       | L    | 3                    | 50             | 24                                | 29    | 33         | 6                | 45               | 28               | 21                     | 2           |      | 1         |       |          | 1         | 2            |                     |                          |           |                   |                         |           |                 |                       |                          |                   | 9 38                 |
|                                 |         |      |                      |                |                                   |       |            |                  |                  |                  |                        | 6           |      | 27        | 7     | 4        |           |              | 4                   | 7                        | 1.        | 2                 | 1                       | 4         | 2               | 1                     | 3 :                      |                   | 52 352               |



.343



| Apparatus & Equipment                     | 1952    | 1953   | 1954   | 1955   | 1956   |
|-------------------------------------------|---------|--------|--------|--------|--------|
| 2 <sup>1</sup> / <sub>2</sub> " Hose Laid | 96,866  | 85,461 | 91,000 | 87,850 | 80,000 |
| 1늘" Hose Laid                             | 11,250  | 15,450 | 9,550  | 6,500  | 4,450  |
| Booster Hose - Feet                       | 100,780 | 87,700 | 88,300 | 89,380 | 97,150 |
| Booster Gallons                           | 20,694  | 19,848 | 16,598 | 16,564 | 15,399 |
| Ladders Raised - Feet                     | 2,910   | 3,009  | 3,085  | 3,980  | 3,184  |
| Total Company Runs                        | 1,286   | 1,349  | 1,215  | 1,091  | 1,126  |

APPARATUS AND EQUIPMENT USED --- 5 Year Experience

#### DEPRECIATION RECORD

A four and one half percent depreciation write-off with a remaining value of ten per cent has been established as a fair method of arriving at a true financial value of our heavy duty fire apparatus. This establishes a life expectancy of twenty years for this apparatus. This method also provides an estimate of fire service value for apparatus retained in fire service beyond its life expectancy.

Upon the expiration of maximum life years, the ten per cent remaining value is carried for salvage recovery, plus the value of its protective services which cannot be ignored. The apparatus retained between twenty and thirty years is depreciated at the rate of one per cent of the original cost each year. At the end of thirty years the apparatus has been fully depreciated.

A life expectancy of five years has been established for our officer cars which are required to perform at peak efficiency under the most strenuous use. Constant and demanding use of our other vehicles has established that a life expectancy of eight years is lenient and within safety limits.

Our apparatus depreciation schedule is charted on the following page. This shows the date of purchase, the original cost price, the value as of December 31, 1956 and the date this apparatus should be retired.

#### APPARATUS DEPRECIATION

| STA.<br>NO. | DESCRIPTION              | MAKE         | DATE<br>PURCH. | ORIG.<br>COST |    | PERC.<br>DEPR.  | AMT.<br>DEPR.  | VALUE<br>12/31/56 | DATE TO<br>RETIRE | YRS, OF<br>SERVICE |
|-------------|--------------------------|--------------|----------------|---------------|----|-----------------|----------------|-------------------|-------------------|--------------------|
| 1           | Sedan                    | Buick        | 2/1/51         | 2,000         | 5  | 20              | 2,000          |                   | 1956              | 5                  |
| 1           | Sedan                    | Nash         | 10/29/47       | 1,645         | 5  | 20              | 1,645          | -                 | 1952              | 9                  |
| 1           | 1250 Gal. Pumper         | Am, LaFrance | 9/15/48        | 19,756        | 20 | 냳               | 7,112          | 12,644            | 1968              | 8                  |
| 1           | 100 Ft. Aerial           | Pirsch       | 11/12/49       |               | 20 | 4월<br>4월        | 11,297         | 24,565            | 1969              | 7                  |
| 1           | Rescue Squad             | Chevrolet    | 11/11/49       | 3,500         | 8  | 12 <sup>2</sup> | 3,063          | 437               | 1957              | 7                  |
| 2           | 1250 Gal Pumper          | Pirsch       | 12/28/56       |               | 20 | 4를              | -              | 20,979            | 1976              | -                  |
| 2           | 600 Gal Pumper - Aux,    | Seagrave     | 2/2/34         | 6,200         | 20 | 4               | 5,766          | 434               | 1954              | 23                 |
| 3           | Panel Truck-Maint.       | Ford         | 1/1/54         | 1,130         | 8  | $12\frac{1}{2}$ | 424            | 706               | 1962              | 3                  |
| 3           | 750 Gal Pumper-Vol Liq.  | Seagrave     | 8/3/25         | 12,500        | 20 | 4월              | 12,500         | (galang).         | 1945              | 31                 |
| 3           | 1000 Gal Pumper - Aux.   | Seagrave     | 12/26/29       | -             | 20 | 4를              | 15,035         | 465               | 1949              | 27                 |
| 3           | 1250 Gal Pumper          | Am. LaFrance | 9/15/48        |               | 20 | 4글              | 7,112          | 12,644            | 1968              | 8                  |
| 3           | 85 Ft. Aerial            | Pirsch       | 2/20/50        |               | 20 | 4               | 9,722          | 21,140            | 1970              | 7                  |
| 4           | High Pressure - 3" Lines | Ford         | 9/15/48        |               | 8  | 12 <del>1</del> | 2,500          |                   | 1956              | 8                  |
| 4           | 1250 Gal Pumper          | Am. LaFrance | 9/15/48        | 19,756        | 20 | '년              | 7,112          | 12,644            | 1968              | 8                  |
| 4           | 85 Ft, Aerial            | Pirsch       | 2/9/50         | 30,862        | 20 | 4글              | 9,722          | 21,140            | 1970              | 7                  |
| 5           | 1250 Gal. Pumper         | Pirsch       | 12/28/56       | 20,979        | 20 | 4를              | - <b></b>      | 20,979            | 1976              | -                  |
| 6           | 750 Gal. Pumper          | General      | 9/1/39         | 9,183         | 20 | 4년<br>1년<br>11년 | 6 <b>,</b> 841 | 2,342             | 1959              | 17                 |
| 6           | Ladder Service Truck     | Seagrave     | 11/25/29       | 9,000         | 20 | 냳               | 8,730          | 270               | 1949              | 27                 |
| 7           | 600 Gal. Pumper          | Seagrave     | 4/20/35        | 6,623         | 20 | 4를              | 6,093          | 530               | 1955              | 22                 |
| 7           | Ladder Service Truck     | Seagrave     | 11/20/24       | 9,500         | 20 | 4를<br>4를        | 9,500          | -                 | 1944              | 32                 |
| 8           | 750 Gal. Quad            | Pirsch       | 6/24/41        | 12,065        | 20 | 4륜              | 8,687          | 3,378             | 1961              | 16                 |
| FPB         | Sedan*                   | Plymouth     | r l            | 675           |    |                 | 675            |                   |                   |                    |
| FPB         | Sedan*                   | Plymouth     |                | 675           |    |                 | 675            |                   |                   |                    |
| T&I         | Sedan*                   | Plymouth     |                | 550           |    |                 | 550            |                   |                   |                    |
| TOT         | LS                       |              |                | 292,058       |    |                 | 136,761        | 155 <b>,</b> 297  |                   |                    |

\* Transfers from Police Department approximately every two years - budget appropriation.



#### PERSONNEL DISTRIBUTION

Authorized Personnel for Year 1956

|   | Chief                                   | 1   |
|---|-----------------------------------------|-----|
|   | Assistant Chiefs                        | 2   |
|   |                                         |     |
|   | Captains                                |     |
|   | Line Officers:                          |     |
|   | Station 11                              |     |
|   | Relief 2                                |     |
|   | 13                                      |     |
|   |                                         |     |
|   | Fire Prevention Bureau 1                |     |
|   | Training & Instruction 1                |     |
|   | Maintenance 1                           |     |
|   | <b>B</b> <sub>2</sub> +, <b>b A b b</b> |     |
|   | Total Captains                          | 16  |
|   |                                         |     |
|   | Lieutenants:                            |     |
|   | Line Officers:                          |     |
|   | Station 11                              |     |
|   | Relief                                  |     |
|   | Total Lieutenants                       | 17  |
|   |                                         | 11  |
|   |                                         |     |
|   | Fire Prevention Inspectors              | 7   |
|   |                                         | •   |
|   |                                         |     |
|   | Assistant Mechanic                      | 1   |
|   |                                         |     |
|   |                                         |     |
|   | Privates;                               |     |
|   | Driversation                            |     |
|   | Privates 118                            |     |
|   | Total Privates                          | 148 |
|   |                                         |     |
|   | TOTAL PERSONNEL - Fire Division         | 192 |
|   |                                         | •   |
|   | Office Employees                        | 2   |
| 1 | TOTAL PERSONNEL: Authorized Strength    | 194 |
|   |                                         |     |

PERSONNEL -- 5 Year Experience

| AUTHORIZED MEMBERSHIP<br>OF<br>DEPARTMENT | 1952 | 1953 | 1954 | 1955 | 195 <del>6</del> |
|-------------------------------------------|------|------|------|------|------------------|
| Police and Fire Commission                | 170  | 170  | 172  | 190  | 192              |
| Board of Personnel                        | 5    | 6    | 3    | 2    | 2                |
| TOTAL                                     | 175  | 176  | 175  | 192  | 194              |
| New Members Appointed                     | 2    | 0    | 3    | 21   | 8                |
| Retirements                               | 2    | l    | 0    | l    | 1                |
| Resignations                              | . 3  | 0    | 0    | 1    | 6                |
| Leave of Absence                          | 0    | 1    | 0    | 0    | 1                |
| Dismissals                                | Ö    | 0    | 0    | 0    | 0 -              |
| Disability Retirement                     | 0    | 1    | 0    | l    | 0                |
| Deaths                                    | 0    | 1    | 2    | 0    | 0                |
| Military Leave                            | 1    | 0    | 0    | 0    | o                |
| Complement Beginning of Year              | 175  | 176  | 175  | 174  | 194              |
| Complement End of Year                    | 175  | 176  | 175  | 192  | 193              |

December 31, 1956

#### STATION NO. 1

Chief Edward Joseph Page First Asst, Chief Edward P. Durkin Second Asst. Chief William F. Lynaugh Captain Erwin G. Beale Captain Ralph A. McGraw Lieutenant Vincent J. Geier Lieutenant Maurice T. Nason

| Private | Christian P. Andersen |
|---------|-----------------------|
| Private | LeRoy V. Anderson     |
| Private | Lester E. Archibald   |
| Private | Douglas K. Bailey     |
| Private | Phillip J. Behrend    |
| Private | Donald C. Berray      |
| Private | Donald E. Black       |
| Private | Rexford W. Colvin     |
| Private | Dale F. Gritzmacher   |
| Private | Frederick R. Grob     |
| Private | Harold N. Hanson      |
| Private | Michael M. Hauser     |
| Private | Richard C. Healy      |
| Private | Alvin T. Johnson      |
| Private | James R. Johnson      |
| Private | Arthur P, Kaltenberg  |
| Private | Edwin L. Kjin         |
| Private | Harold P. Klein       |
| Private | Donald D. Knudtson    |
|         | Eugene G, Knudtson    |
|         | Joseph Lawrence       |
|         |                       |

Private Frank R. Leverentz Private Fred W. Manthe Private Raymond A. Martinson Private Paul G. McCallum Private Frank N. McMahon Private Lyle D. Mepham Private Charles R. Merkle Private Percy Moen Private Kendall E. Neibuhr Private Ralph K. O'Brien Private Werner P. Schorr Private Donald A. Simon Private Philip J. Statz Private Gilman S. Stone Private Orville E. Vallem Private James L. White Private Donald R. Wilcox Private Donald J. Wilder Private Edward B. Willauer Private Theodore A. Williams

#### STATION NO. 2

Captain Philip A. Narf Lieutenant Fred A. Rice

Private Edward D. Durkin Private Carl Fiscus Private Clair R, Flint Private Robert D. Fuller Private Donald A. Huggins Private Walter J. Kwiecinski Private Joseph E. Martinelli

Private James V. McAusland Private W. Carson Mettell Private Arnold C. Moen Private Francis P. Roberts Private James F. Shipley Private James E. Spangler Private William J. Sullivan

#### STATION NO. 3

Captain Henry W. Anderson Captain Harold O. Muenkel Lieutenant Joseph F. Buechner Lieutenant Russell A. Mani

Private Carl E. Austin Private Lloyd W. Briggs Private Donald L. Chase Private Berton H. Gessler Private Kenneth R. Gibbs Private Arthur J. Halverson Private Stanley V. Hermanson Private Marvin J. Kammer Private Jack C. King Private Keith F. Lawler

Private William J. Leroy Private John L. Luther Private Marvin D. Matranga Private Robert Mutch Private Duane M. Roeske Private G. Neil Rossmaessler Private Michel P. Sullivan Private Earl R. Tiedt Private Arthur D. Wicks Private Glenn A. Wilcox

#### STATION NO. 4

Captain John E. Huston Captain Arthur Wilcox Lieutenant Joseph J. Kerwin Lieutenant Oscar F. Pankow

Private David J. Anderson Private James E. Bitney Private Peter F. Breitenbach Private Robert B. Burns Private Robert P. Couture Private John H. Fiscus Private James E. Fraser Private Robert H. Gessler Private Merwyn W. Gorsuch Private Daryl J. Griffin

Private Donald D. Knutson Private Harland A. Lippolt Private Theodore J. Maglio Private Harold T. Paltz Private George W. Piernot Private Bernard J. Reilly Private Richard H. Rossmaessler Private James H. Statz Private Theodore L. Tauchen Private Wilbur C. Wright

#### STATION NO. 5

Captain Harold L. Starkweather Lieutenant James M. Engelberger

#### STATION NO. 6

Captain Arthur T, Emerson Lieutenant Charles E, Hessling

Private Donald P. Annen Private William A. Carow Private Mathew M. Coronna Private William T. Ferger Private Leon G. Holl Private Harry G. Klinger Private Donald M. Olson Private Eugene A. Peterson Private John G. Randall Private Paul G. Reublin Private Joseph D. Roberts Private Robert M. Schumann Private John R. Tappen Private Ralph E. Triggs Private Mel Troia Private Paul E. Welsch

#### STATION NO. 7

Captain Derrel E. Lawrie Lieutenant Edward J. Bokina

| Private | Arnold R. Andrews  |
|---------|--------------------|
| Private | Thomas J. Barry    |
| Private | Dean R. Beyler     |
| Private | Lester E, Blackmer |
|         | William L. Clapp   |
| Private | Walter B. Gavin    |

Private Ellington H. Lansdowne Private Linus E. Odegaard Private Oscar A. Petry Private Victor A. J. Stormer Private Charles R. White

#### STATION NO. 8

Captain Richard Adank Lieutenant Arthur E. Spring

Private Robert L. Albright Private Joseph H. Bauer Private Richard G. Bavery Private Vernon C. Dahnert Private Chester L. Dolva Private Charles W. Kalar Private Jerome J. Lukas

Private Richard L. Means Private Roger W. Myers Private Joseph G. Otto Private Donald J. Schmitt Private Alfred M. Sime Private Leo F. Tiedt Private Paul R. Toltzien

#### FURLOUGH OFFICERS

Captain Edward E. Knope Captain Charles F. Tomcany Lieutenant Walter G. Ayers Lieutenant Harold R. Dennis Lieutenant Louis F. Hoffman Lieutenant Edsel F. Kingsley Lieutenant Erwin M. Lichte Lieutenant Eldon E. Maginnis

#### BUREAU OF MAINTENANCE

Captain Arne W. Lerwick Asst. Mech. James C. Olson

#### FIRE PREVENTION BUREAU

Captain George L. Stanek Inspector Charles H. Gilbert Inspector Harrison R. Langley Inspector Harry A. Page Inspector Carroll H. Patz Inspector Joseph L. Tisserand Inspector Kenneth O. Vodak Inspector Vincent W. Wonn

#### BUREAU OF TRAINING AND INSTRUCTION

Captain Wilson H. Donkle

#### BOARD OF PERSONNEL EMPLOYEES

John N. L. Hereid Ralph C. Reda

# BUREAU OF FIRE PREVENTION

CAPTAIN GEORGE L. STANEK



Chief Edward Joseph Page Madison Fire Department Madison, Wisconsin

Dear Sir:

I am submitting to you the Annual Report of the activities of the Fire Prevention Bureau during the past year, ending December 31, 1956. A detailed report of the inspections made and defects found is included on the following pages.

Through various outlets on the local and national levels, the necessity for every-day application of good fire prevention practices is repeatedly brought to our attention. Customarily, the success or failure of these efforts is measured by the dollar loss encountered by fire during the past year. By applying this same yardstick to our local fire conditions, it would appear that the care and caution exercised with fire by the citizens of Madison was reflected in the very low fire incidence of building fires and low fire loss experienced during the year 1956.

However, it must not be inferred from these statistics that a favorable trend is indicated and that fires and consequent fire losses within the local jurisdiction will continue to decline. As a matter of record, fire losses on the national scale continue to rise, and as a result of fire activity this past year, the United States will meet with its greatest loss year in history.

Home fires are of special interest to us in the Fire Service, since many fires occur while occupants are sleeping and there is a critical time lag between the inception of the fire and its detection. As fire department personnel, close to the problem we know that fire hazards are always present in our homes, waiting only for some extraordinary circumstance to trigger the condition and result in a fire.

Unfortunately, these hazards are not always the obvious kind that may be eliminated by cleaning out a basement, attic, or garage. Many more, unseen are "built into" such things as electrical wiring, heating plants, and home appliances, and are the hazards we must learn to live with. Since they are an inherent part of the device, they may not be eliminated, but must be regulated and controlled. Loss of control, usual ly through some careless or thoughtless action, invariably results in a fire.

In order to keep our lives and homes safe from fire, we must establish and practice a program of proper use and maintenance of all devices capable of creating the unwanted fire and producing extensive losses. Such a program, tempered with a reasonable amount of common sense in our other fire producing activities, will assure us of a fire safe home and pease of mind. Concluding, I wish to offer my sincere thanks and appreciation to you as Chief of the Fire Department, the members of the Police and Fire Commission and officers and members of the department for the cooperation extended during the past year.

Respectfully submitted,

Captain George L. Stanek Fire Prevention Bureau

|           | INSPECTIONS BY OCCUPANCY            |     |      |      |      |      |     |     |            |     |                  |     |         |      |         |     |      |      |
|-----------|-------------------------------------|-----|------|------|------|------|-----|-----|------------|-----|------------------|-----|---------|------|---------|-----|------|------|
|           | Class I Class II Class III Class IV |     |      |      |      |      |     |     |            |     | Class V Specials |     | Regular |      | Reinsp. |     | TOTA |      |
|           | In                                  | Out | In   | Out  | In   | Out  | In  | Out | In         | Out | In               | Out | In      | Out  | In      | Out | In   | Out  |
| January   | 49                                  | 10  | 111  | 127  | 443  | 148  | 27  | 16  | 64         | 48  | 264              | 42  | 391     | 280  | 39      | 27  | 694  | 349  |
| February  | 46                                  | 12  | 154  | 145  | 353  | 174  | 23  | 11  | 70         | 29  | 220              | 39  | 378     | 330  | 48      | 2   | 646  | 371  |
| March     | 72                                  | 37  | 193  | 111  | 350  | 220  | 10  | 28  | 7          | 57  | 392              | 59  | 227     | 392  | 13      | 2   | 632  | 453  |
| April     | 57                                  | 24  | 201  | 208  | 451  | 259  | 21  | 27  | 9          | 43  | 542              | 130 | 164     | 413  | 34      | 18  | 739  | 561  |
| May       | 45                                  | 10  | 134  | 54   | 416  | 151  | 25  | 16  | 97         | 63  | 246              | 46  | 434     | 234  | 37      | 14  | 717  | 294  |
| June      | 57                                  | 14  | 130  | 43   | 590  | 141  | 31  | 15  | <u>ل</u> م | 66  | 377              | 52  | 428     | 205  | 44      | 22  | 849  | 279  |
| July      | 51                                  | 10  | 131  | 67   | 433  | 114  | 21  | 9   | 18         | 31  | 237              | 60  | 338     | 155  | 79      | 16  | 654  | 231  |
| August    | 45                                  | 19  | 110  | 161  | 326  | 172  | 19  | 15  | 15         | 45  | 280              | 49  | 202     | 345  | 33      | 18  | 515  | 412  |
| September | 38                                  | 9   | 71   | 55   | 366  | 64   | 15  | 5   | 24         | 28  | 214              | 20  | 296     | 137  | 4       | 4   | 514  | 161  |
| October   | 35                                  | 5   | 47   | 30   | 233  | 43   | 11  | 7   | 23         | 13  | 189              | 5   | 145     | 89   | 15      | 4   | 349  | 98   |
| November  | 57                                  | 10  | 90   | 26   | 482  | 127  | 24  | 7   | 59         | 38  | 328              | 27  | 361     | 171  | 23      | 10  | 712  | 208  |
| December  | 104                                 | 5   | 119  | 3    | 1076 | 191  | 37  | 9   | 29         | 10  | 1252             | 174 | 94      | 40   | 19      | 4   | 1365 | 218  |
| TOTALS    | 656                                 | 165 | 1491 | 1030 | 5519 | 1804 | 264 | 165 | 456        | 471 | 4540             | 703 | 3458    | 2791 | 388     | 141 | 8386 | 3635 |

|          |         |     |          |      |               |     |          |          |         | <b>_</b> |        |      |
|----------|---------|-----|----------|------|---------------|-----|----------|----------|---------|----------|--------|------|
| MONTH    | CLASS I |     | CLASS II |      | CLASS III     |     | CLASS IV |          | CLASS V |          | TOTALS |      |
|          | In      | Out | In       | Out  | In            | Out | In       | Out      | In      | Out      | In     | Out  |
| anuary   | 29      | 9   | 124      | 246  | 177           | 23  | 17       | 8        | 50      | 20       | 397    | 306  |
| ebruary  | 27      | 6   | 189      | 214  | 169           | 79  | 30       | 10       | 46      | 10       | 461    | 319  |
| arch     | 19      | 7   | 203      | 140  | 62            | 116 | 2        | 20       | 4       | 51       | 290    | 334  |
| pril     | 21      | 22  | 131      | 243  | 73            | 72  | 5        | 15       | 4       | 33       | 234    | 385  |
| ау       | 25      | 5   | 148      | 62   | 178           | 69  | 8        | 9        | 67      | 53       | 426    | 198  |
| une      | 25      | 7   | 116      | 60   | 188           | 80  | 22       | 13       | 21      | 39       | 372    | 199  |
| uly      | 36      | 2   | 111      | 49   | 183           | 25  | 19       | 3        | 19      | 21       | 368    | 100  |
| ugust    | 17      | 11  | 91       | 181  | 76            | 66  | 15       | 10       | 7       | 29       | 206    | 297  |
| eptember | 10      | 11  | 39       | 54   | 107           | 23  | 9        | <u> </u> | 9       | 15       | 174    | 104  |
| etober   | 24      | 7   | 40       | 27   | 91            | 24  | 6        | 3        | 18      | 4        | 179    | 65   |
| ovember  | 30      | 2   | 79       | 11   | 143           | 32  | 18       | 5        | 39      | 20       | 309    | 70   |
| ecember  | 4       | 0   | 16       | 2    | 72            | 15  | 1        | 1        | 15      | 3        | 108    | 21   |
| TOTALS   | 267     | 89  | 1287     | 1289 | 1 <b>51</b> 9 | 624 | 152      | 98       | 299     | 298      | 3524   | 2398 |

#### DEFECTS BY OCCUPANCY

- CLASS I Includes government buildings, hospitals, insitutions, schools, amusement buildings, etc.
- <u>CLASS II</u> Includes all occupancies used for the purpose of shelter or residence.
- CLASS III Includes all buildings used for mercantile, commercial, or similar purposes.
- CLASS IV Includes all buildings used for manufacturing purposes.

CLASS V - Includes such miscellaneous buildings as railroad property, public and private garages, filling stations, lumber yards, warehouses, etc.

# BUREAU OF TRAINING & INSTRUCTION

1

CAPTAIN WILSON H. DONKLE



Chief Edward Joseph Page, Department of Fire Madison, Wisconsin

Dear Sir:

The first full year of the Bureau's operation under a reorganized system of utilizing station officers in the training program has been completed with moderate to good results.

Work sheets, training guides, company officer manuals and instructional aids have been issued for training references within each station.

Most stations have devised and scheduled drills patterned to fit their individual requirements in conjunction with overall department subjects.

The Bureau has endeavored to augment station programs by providing training in subjects necessarily of department value, but beyond the reach of individual officer planning and scheduling. The following were stressed during 1956:

1. Basic fire department organization including apparatus, equipment, uses, techniques and applica tion.

2. Hose practices including use of accessories, signals, advancing, precautions, basic uniformity and "rule of thumb".

3. Aircraft fire-fighting techniques and special problems including jets, transports, fighters and bombers stressing the hazards coincidental with each. Approach, extinguishment and rescue of personnel combined with a working knowledge of ejection seats, explosive devices, rockets, fuel and electrical systems, canopy openings and forcible entry panels. (This with the assistance of Chief Jennings, Truax Field Fire Department.)

4. First aid utilizing training films principally stressing bleeding, breathing, burns, bandaging, dressing, shock, fractures, artificial respiration, transportation and fundamentals of fire service rescue.

5. Training and usage of fire department knots, hitches, hoists and throws including methods of tieing and their application.

6. Familiarity of aerial truck equipment and operations at those stations not having aerial trucks. 7. Familiarization of rescue operation and squad inventory at each station.

8. The equipment and operation of the "Flammable Liquid" Truck at all stations.

9. Fump and pump operations by securing a cut-away pump and trucking it to all shifts to better acquaint the mechanical operation of centrifugal pumps and their component parts.

- 10. Studies in arson, incendiary fires, action of firemen and preservation of evidence.
- 11. Breathing apparatus and its operations using films, aids and cut-a-way models.

The lack of adequate drill areas for practical training and actual application through "doing" continues to exist. Long range programming should ultimately provide a suitable facility for pumping, drafting, use of hand lines (charged), master streams, laddering, ventilation, smoke pits, flammable liquids thereby permitting members to accomplish training by participating under conditions more closely resembling those likely to be encountered on "fire calls."

In conclusion the Bureau of Training and Instruction has received very good cooperation from the Assistant Chiefs, Bureau of Maintenance, Inspection Bureau and members of the fire-fighting complement of the deptment.

Respectfully submitted

ontel. Vilson/An

Captain Wilson H. Donkle Bureau of Training and Instruction

|           | a second s |                | and the second | a present the second |                 |              |                 |                 |          |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|--------------|-----------------|-----------------|----------|
| MONTH     | Station<br>1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Station<br>2   | Station<br>3                                                                                                     | Station<br>4                                                                                                    | Station<br>5    | Station<br>6 | Station<br>7    | Station<br>8    | TOTAL    |
| January   | 39:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 36:15          | 38:00                                                                                                            | 41:30                                                                                                           | 35:30           | 34:00        | 35:55           | 35:25           | 296:05   |
| February  | 38:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 36:20          | 39:30                                                                                                            | 39:30                                                                                                           | 39:15           | 39:10        | 35:35           | 37:50           | 305:40   |
| March     | 34:45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 35:00          | 42:30                                                                                                            | 38:15                                                                                                           | 39:00           | 33:35        | 34:45           | 37:00           | 294:50   |
| April     | 35:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 32:35          | 41:15                                                                                                            | 35:30                                                                                                           | 40±00           | 25:55        | 25:40           | 34:15           | 270:40   |
| May       | 25:15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 24:45          | 42:30                                                                                                            | 35:00                                                                                                           | 33:45           | 38:25        | 37:20           | 40:20           | 277:20   |
| June      | 28:45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 24:30          | 32:45                                                                                                            | 41:20                                                                                                           | 37:15           | 32:45        | 34:30           | 35:35           | 267:25   |
| July      | 32:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 34:05          | 34:30                                                                                                            | 31:00                                                                                                           | 34:45           | 32:40        | 34:30           | 35:00           | 269:00   |
| August    | 40:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 35:30          | 43:15                                                                                                            | 41:15                                                                                                           | 40:15           | 35:10        | 35:20           | 39:05           | 310:20   |
| September | 36:05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 26 <b>:</b> 15 | 35:15                                                                                                            | 28:45                                                                                                           | 27:00           | 24:30        | 26:10           | 27:40           | 231:40   |
| October   | 33:15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28 <b>:5</b> 0 | 33:50                                                                                                            | 40:30                                                                                                           | 37:45           | 34:25        | 31:55           | 30:10           | 270:40   |
| November  | 34:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 37 <b>:</b> 45 | 40:30                                                                                                            | 41:00                                                                                                           | 34:45           | 34:10        | 37:50           | 36:10           | 296:10   |
| December  | 29:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 27:00          | 28:30                                                                                                            | 31:15                                                                                                           | 32:30           | 33:00        | 28:12           | 32:14           | 242:11   |
| TOTALS    | 408:05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 378:50         | 452 <b>:</b> 20                                                                                                  | կկկ։50                                                                                                          | 431 <b>:</b> 45 | 397:45       | 397 <b>:</b> 42 | 420 <b>:</b> 44 | 3,332:01 |

### BUREAU OF MAINTENANCE CAPTAIN ARNE W. LERWICK

Chief Edward Joseph Page, Madison Fire Department, Madison, Wisconsin

Dear Sir:

The following is a brief summary of the activities of the Bureau of Maintenance for the year ending December 31, 1956.

The new shop facilities in No. 3 Station have proved very satisfactory in all respects. The increased space provided has been of great value in the repair and maintenance of our large pieces of apparatus.

Our routine service, maintenance and repair calls numbered well over 700 during this past year. In addition to the above, the fire pumps on our three American LaFrance pumpers were completely rebuilt which has increased the efficiency of these units to a considerable degree. The booster tank on No. 1 Engine was replaced during September and plans have been made to replace the worn out tanks on Engine 3 and Engine 4.

The National Board of Fire Underwriters Acceptance tests were conducted by the Bureau on the two new 1250 gallon Pirsch pumpers which were delivered to the City of Madison in early December. As you know these tests were satisfactory in every respect and on that basis the units were officially accepted by the city on December 28, 1956 at which time they were put into active service.

I want to express my appreciation to you, the Assistant Chiefs, and to all the officers and members for the cooperation and assistance which has been so willingly given during this past year.

Respectfully submitted,

Captain Arne W. Lerwick Master Mechanic