

NINETY-SECOND ANNUAL REPORT



DIVISION OF FIRE

DEPARTMENT OF PUBLIC SAFETY

**CITY OF
MADISON, WISCONSIN**

CHIEF EDWARD JOSEPH PAGE

1948

ANNUAL REPORT
DIVISION OF FIRE

DEPARTMENT OF PUBLIC SAFETY
CITY OF MADISON, WISCONSIN

ENDING DECEMBER 31, 1948

LETTER OF TRANSMITTAL

SECTION I ALARM AND FIRE FREQUENCY

SECTION II LOSS OF LIFE AND PROPERTY

SECTION III APPARATUS AND EQUIPMENT USED

SECTION IV PERSONNEL

BUREAU OF FIRE PREVENTION

BUREAU OF TRAINING AND INSTRUCTION

BUREAU OF MAINTENANCE

BUREAU OF POLICE AND FIRE ALARM

MR. LEONARD G. HOWELL, CITY MANAGER,
DEPARTMENT OF PUBLIC SAFETY

COMMISSIONER THOMAS J. RUESILL, PRESIDENT
COMMISSIONER ROBERT B. L. MURPHY, SECRETARY
COMMISSIONER J. H. MATHEWS
COMMISSIONER ALBERT TAUBERT
COMMISSIONER MARY SAYLE TEGGE

PRESIDENT AND MEMBERS OF THE COMMON COUNCIL

MADAM AND GENTLEMEN:

I HAVE THE HONOR TO PRESENT TO YOU THE ANNUAL REPORT, DIVISION OF FIRE, FOR THE YEAR ENDING DECEMBER 31, 1949.

IN SUBMITTING THIS REPORT I WISH TO EXPRESS MY SINCERE THANKS AND APPRECIATION TO MR. LEONARD G. HOWELL, CITY MANAGER, THE HONORABLE BOARD OF POLICE AND FIRE COMMISSIONERS, AND TO THE MEMBERS OF THE COMMON COUNCIL FOR THEIR SPLENDID COOPERATION AND UNDERSTANDING OF THE MANY PROBLEMS ATTENDANT TO FIRE SERVICE.

IT IS THROUGH THEIR COOPERATION THAT WE HAVE BEEN ABLE TO ACCOMPLISH MANY ACHIEVEMENTS AND COMPLETE VARIOUS FIRE PROJECTS WHICH HAVE BEEN LONG UNSETTLED. THE MANY SERVICES OFFERED BY OUR DIVISION OF FIRE HAVE REACHED A HIGH PLATEAU; DURING THE PAST YEAR THE CITIZENS OF OUR COMMUNITY HAVE BEEN GIVEN TOP-EFFICIENT SERVICE TO WHICH THEY ARE ENTITLED.

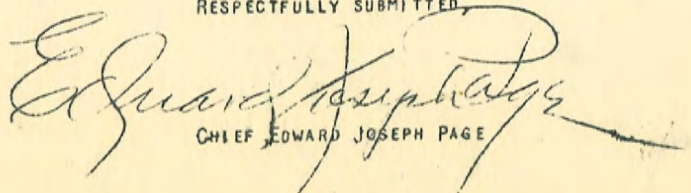
THE OUTSTANDING IMPROVEMENTS IN THE DIVISION OF FIRE DURING THE PAST YEAR HAVE BEEN THE BUILDING AND COMPLETING OF NO. 8 STATION, THE ADDITION OF THREE 1250 GALLON PUMPERS, NEAR COMPLETION IN OUR SHOP OF RECONVERTING AN AUXILIARY TRUCK INTO A RESCUE SQUAD, AND THE REMODELING AND NECESSARY REPAIR WORK ON ALL OUR FIRE STATIONS.

AT THE TIME OF THIS REPORT OUR FIRE STATIONS, WITH THE EXCEPTION OF NO. 3 STATION ON WILLIAMSON STREET, ARE IN A STATE OF GOOD REPAIR; AND WITH THE ADDITIONAL REMODELING AND REPAIR WORK ANTICIPATED IN THE FORTHCOMING YEAR, ALL REALTY PROPERTY ASSIGNED TO THE DIVISION OF FIRE WILL BE, COMPARATIVELY, IN GOOD CONDITION. DURING THE YEAR 1949 WE ALSO ANTICIPATE THE DELIVERY OF THREE NEW AERIAL TRUCKS WHICH WILL GIVE INCREASED AND MORE EFFICIENT FIRE PROTECTION TO THE CITIZENS OF MADISON.

OUR ANNUAL REPORT PRESENTS ALL ACTIVITIES OF THE DIVISION OF FIRE: FIRE PREVENTION BUREAU, BUREAU OF TRAINING AND INSTRUCTION, BUREAU OF MAINTENANCE, AND THE POLICE AND FIRE ALARM SERVICES. I SINCERELY HOPE THE FOLLOWING PAGES OF STATISTICAL INFORMATION AND DATA MEETS WITH YOUR APPROVAL.

IN CONCLUSION, I WISH TO EXTEND MY PERSONAL THANKS AND APPRECIATION TO ALL OFFICERS AND PRIVATE PERSONNEL OF THE DEPARTMENT FOR THEIR SPLENDID COOPERATION AND UNTIRING EFFORTS IN PERFORMING THEIR DUTIES SO EFFICIENTLY DURING THE PAST YEAR.

RESPECTFULLY SUBMITTED,


CHIEF EDWARD JOSEPH PAGE

ALARM & FIRE FREQUENCY
SECTION I

A WORD RELATIVE TO OUR RECORDS: OUR FIRE DEPARTMENT WAS CREATED TO EXTINGUISH AND PREVENT FIRES. WE FIRMLY BELIEVE A GOOD FIRE RECORD SYSTEM DOES HELP US PREVENT FIRES. ALL RECORDS ARE DESIGNED WITH THIS PREMISE UPPERMOST IN MIND.

WE ARE NOT INTERESTED IN A BULK OF RECORDED INFORMATION; NEITHER ARE WE INTERESTED WITH A MERE COUNTING PROCESS. OUR RECORDS ARE DESIGNED AS SIMPLE AS POSSIBLE, YET THEY RECORD INFORMATION VITAL TO EFFICIENT ADMINISTRATION AND OPERATION.

TRENDS OF FIRE CAUSES, OCCUPANCIES, ALARM INCIDENCE, FREQUENCY OF HOURLY CALLS AND LOSS EXPERIENCE AS "RECAPPED" ON THE FOLLOWING PAGES ARE EXCERPTS FROM OUR SYSTEM. OUR BASIC RECORDS COORDINATE INSPECTION WORK AND TRAINING OPERATIONS.

THESE RECORDS AFFORD OUR OFFICERS AN OPPORTUNITY TO STUDY PAST FIRE EXPERIENCE AND FORESEE POTENTIAL HAZARDS.

CHIEF'S SECRETARY

ALARM AND FIRE FREQUENCY -- 5 YEAR EXPERIENCE

	1944	1945	1946	1947	1948	AVERAGE
NO. OF ALARMS	790	869	943	879	965	889.2
NO. OF ALARMS PER 1,000	11.79	12.97	14.07	13.11	14.40	13.07
NO. OF FIRES	587	545	674	588	640	605.6
NO. OF FIRES PER 1,000	8.76	8.12	10.05	8.77	9.55	9.05
NO. OF BUILDING FIRES	370	325	386	352	311	348.8
NO. OF BUILDING FIRES PER 1,000	5.52	4.85	5.76	5.25	4.64	5.21

ALARM CLASSIFICATION

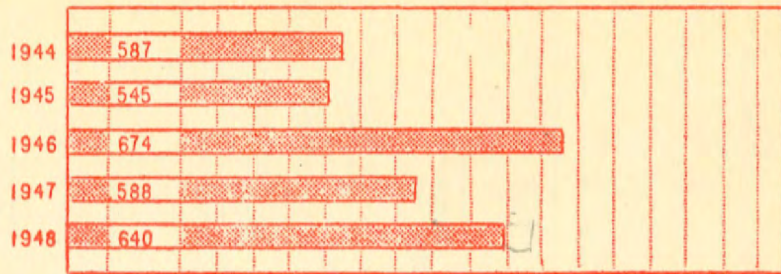
ALARMS INVOLVING FIRE

	1948		1947	
BUILDINGS	311		352	
OTHER THAN BUILDINGS				
1. MOBILE - VEHICLES IN STREET	139		132	
OTHER	<u>7</u>	146	<u>1</u>	133
2. BRUSH AND GRASS	105		31	
3. RUBBISH	35		17	
4. DUMPS	25		22	
5. MISCELLANEOUS	<u>18</u>	<u>329</u>	<u>33</u>	<u>236</u>
TOTAL FIRES		640		588

ALARMS NOT INVOLVING FIRE

RESCUE AND EMERGENCY				
1. SPECIALS	67		62	
2. INVESTIGATIONS	<u>79</u>	146	<u>88</u>	150
NEEDLESS CALLS				
1. MISTAKEN - SMOKE SCARES, ETC	167		126	
2. FALSE	<u>12</u>	<u>179</u>	<u>15</u>	<u>141</u>
TOTAL ALARMS NOT INVOLVING FIRE		<u>325</u>		<u>291</u>
TOTAL ALARMS		965		879

CHART OF FIRES



COMPARISON FIRES WITH TOTAL ALARMS

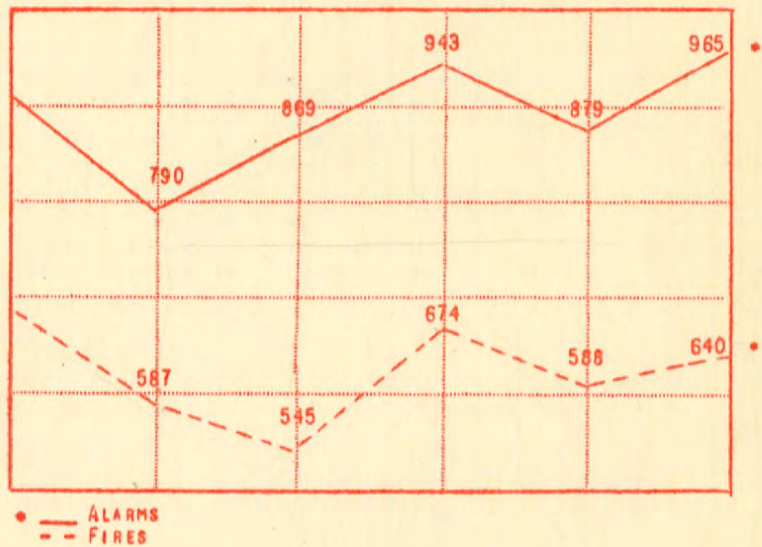
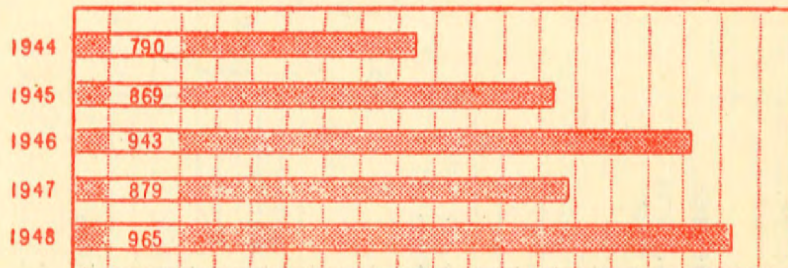


CHART OF ALARMS



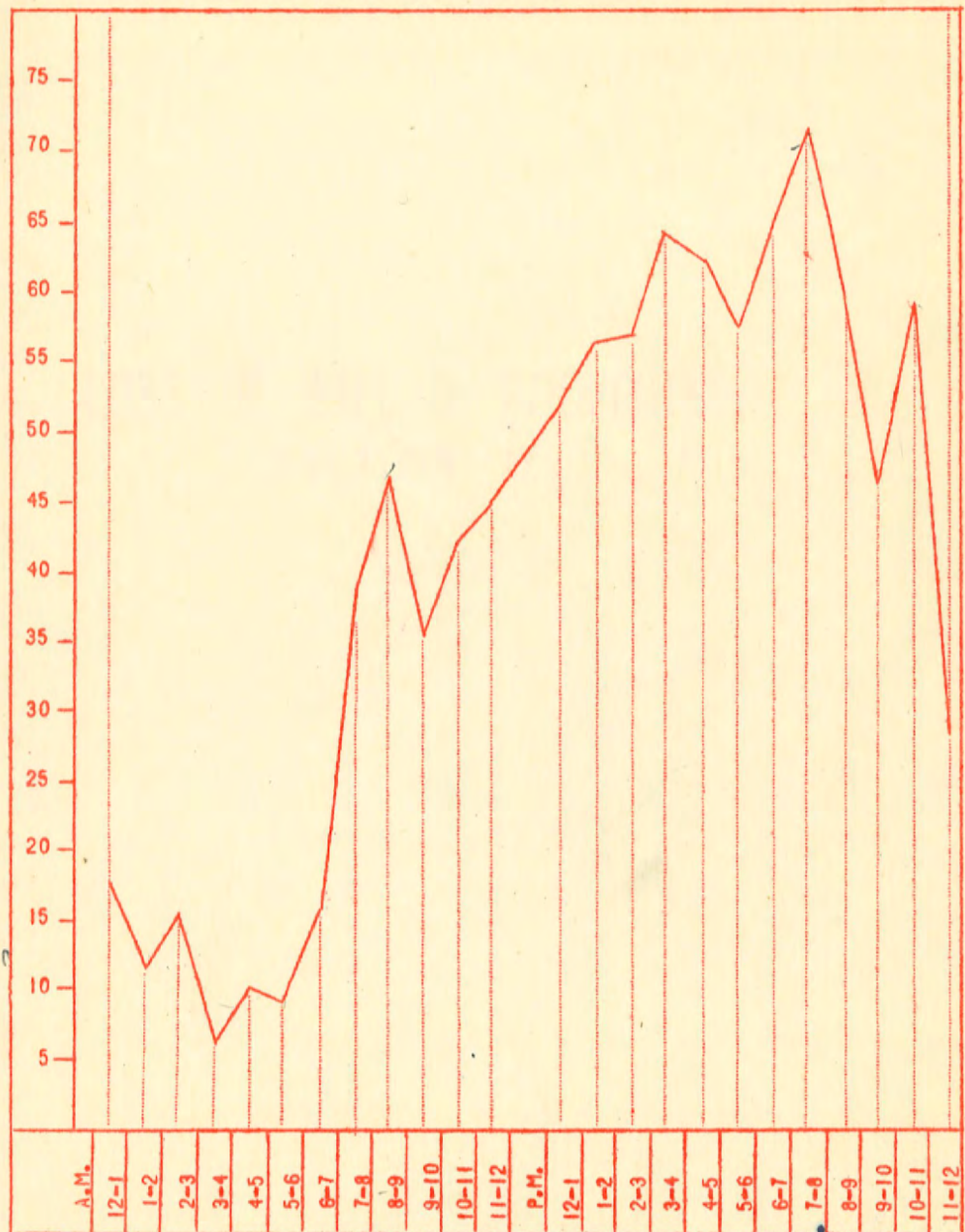
OCCUPANCIES OF BUILDINGS

OCCUPANCIES OF BUILDINGS		1. CHIMNEY, SOOT BURNING	2. DEFECTIVE OR OVERHEATED CHIMNEYS	3. SPARKS ON WOODEN SHINGLE ROOFS	4. SPARKS ON OTHER ROOFING	5. DEFECTIVE HEATERS	6. RUBBISH NEAR HEATERS	7. COMBUSTIBLES NEAR HEATERS	8. OPEN LIGHTS, FLAMES	9. HOT ASHES	10. OIL BURNERS	11. STARTING FIRES, VOL. LIQUIDS	12. CARELESS SMOKING	13. CHILDREN WITH MATCHES	14. OTHER CARELESS USE OF MATCHES	15. DEFECTIVE ELECTRIC WIRING	16. ELECTRIC APPLIANCES AND MOTORS	17. HOME DRY CLEANING	18. OTHER USE FLAMMABLE LIQUIDS	19. LAMPS AND STOVES	20. GAS AND APPLIANCES	21. GREASE ON STOVES	22. SPONTANEOUS IGNITION	23. FIREWORKS	24. LIGHTNING	25. THAWING PIPES	26. SPARKS FROM MACHINERY	27. INCENDIARY	28. MISC. KNOWN CAUSES	29. SUSPICIOUS	30. UNDETERMINED	31. UNKNOWN	TOTAL BUILDING FIRES	
I. PUBLIC BUILDINGS																																		
A. GOVERNMENT BUILDINGS																																	1	
B. HOSPITALS AND INSTITUTIONS																																		
C. SCHOOLS													2										1										3	
D. CHURCHES		1						1																									2	
E. AMUSEMENT BUILDINGS																1																	1	
II. DWELLING OCCUPANCIES																																		
A. HOTELS											1																						1	
B. LODGING HOUSES		3				1		1					7				1																14	
C. APARTMENTS		10			4			4			5		6	1		5	2		1	1			2			1							46	
D. DWELLINGS		64	1	1	8		1	7		2	4	10	3			1	6		3		3		2			1	1		1	4	2		125	
E. STORES AND DWELLINGS		1									1		1			2							1										8	
F. FLATS		15					1	3					2	2		2	1			1		1										1	31	
G. TRAILERS		1						2								1				1	1												6	
III. MERCANTILES																																		
A. OFFICE BUILDINGS														1																			1	
B. SMALL RETAIL STORES		2						1		1	1		1			2	1															1	10	
C. RESTAURANTS								3					7	1			5				2								2		1		22	
D. LARGE SINGLE OCCUP. MERCANTILE																							2										3	
E. MULTIPLE OCCUP. MERCANTILE																1															2		3	
F. WHOLESALE HOUSES																																		
G. STORAGE WAREHOUSES												2					1																	3
IV. MANUFACTURING																																		
A. TEXTILE, FABRIC WORKERS																																		
B. METAL WORKERS								1									2																	3
C. WOOD WORKERS																																		
D. FOOD PRODUCTS								1																										1
E. CHEMICAL WORKS																																		
F. FLAMMABLE LIQUIDS AND GASES								2					1							2														5
G. MULTIPLE OCCUP. MANUFACTURING																																		
H. MISC. MANUFACTURING								1			1		1																	1	1			5
V. MISCELLANEOUS BUILDINGS																																		
A. LUMBER YARDS					1																													1
B. RAILROAD PROPERTY						1																												
C. BULK OIL STORAGE																																		
D. PUBLIC GARAGES AND STATIONS																	1			2													3	
E. PRIVATE GARAGES								1						1					2														7	
F. MISC. STRUCTURES								2					1	1					2												3		5	
TOTAL BUILDING FIRES		97	1	1	13	2	2	30		4	15	42	11		14	21	1	1	12	2	5	1	8		2	1		2	12		12		311	

BUILDING FIRES
CAUSE FREQUENCY

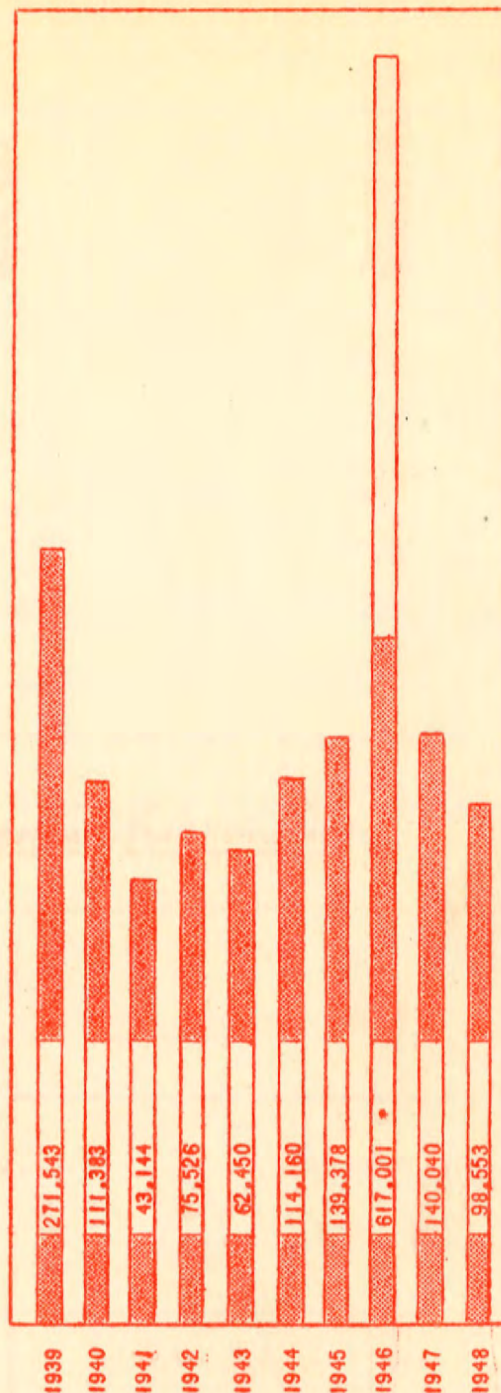
	1948		1947	
1. CHIMNEY, SOOT BURNING		97		80
2. CARELESS SMOKING		42		38
3. COMBUSTIBLES NEAR HEATER	30		36	
RUBBISH NEAR HEATER	<u>2</u>	32	<u>8</u>	44
4. ELECTRIC APPLIANCES AND MOTORS		21		4
5. OIL BURNERS		15		27
6. SPARKS ON ROOFS: WOOD	1			
OTHER	<u>13</u>	14	<u>9</u>	9
7. DEFECTIVE ELECTRIC WIRING		14		25
8. FLAMMABLE LIQUIDS: HOME CLEANING	1			
OTHER	<u>12</u>	13	<u>17</u>	17
9. CHILDREN WITH MATCHES		11		14
10. SPONTANEOUS IGNITION		8		5
11. GAS AND APPLIANCES		5		7
12. HOT ASHES		4		6
13. DEFECTIVE HEATERS		2		14
14. LAMPS AND STOVES		2		
15. LIGHTNING		2		3
16. INCENDIARY		2		
17. DEFECTIVE AND OVERHEATED CHIMNEYS		1		14
18. GREASE ON STOVE		1		9
19. THAWING PIPES		1		
20. MISC. KNOWN CAUSES		12		22
21. UNDETERMINED		<u>12</u>		<u>14</u>
TOTAL ALARMS INVOLVING BUILDING FIRES		311		352

ALARMS -- HOURLY FREQUENCY



LOSS OF LIFE & PROPERTY
SECTION II

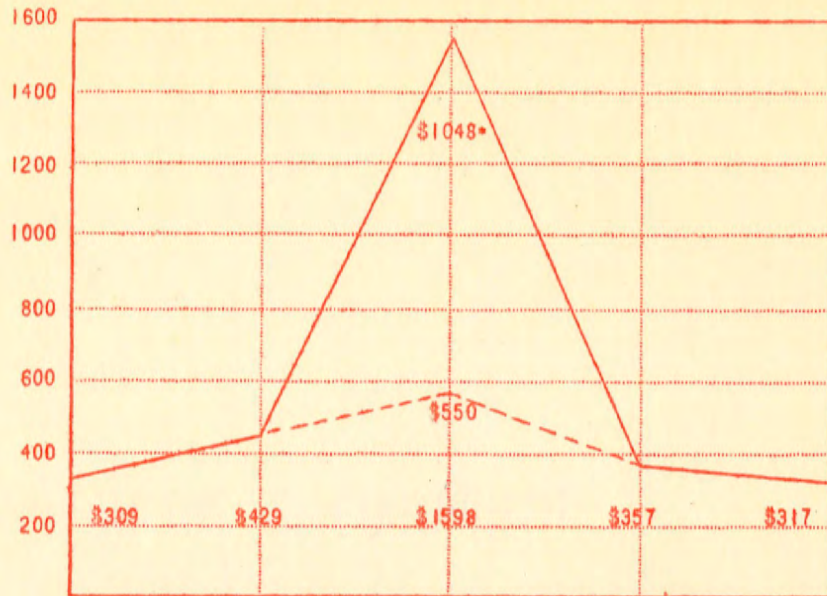
LOSS OF LIFE AND PROPERTY — 5 YEAR EXPERIENCE



	1944	1945	1946	1947	1948	AVERAGE
			212,221 404,780 617,001*			
FIRE LOSS	114,160	139,578	617,001*	140,040	98,553	221,866
FIRE LOSS, PER CAPITA	1.70	2.08	9.21	2.09	1.47	3.31
FIRE LOSS, PER BUILDING FIRE	309	429	1598	357	317	553
PERSONS KILLED BY FIRE	0	0	0	0	5	1

* THREE MAJOR FIRES REPRESENT 66% OF TOTAL LOSS. LARGEST NUMBER OF FIRES (640) ACCOUNT FOR ONLY 34% OF LOSS.

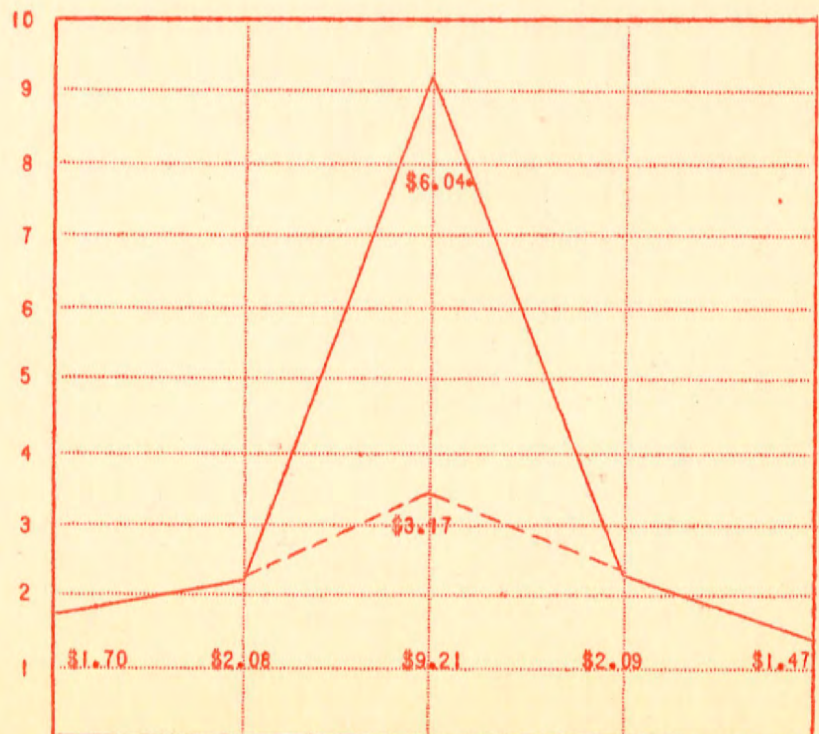
COST PER BUILDING FIRE



* REPRESENTS ADDITIONAL LOSS INCURRED BY 3 MAJOR FIRES

3 MAJOR FIRES REPRESENT 66% OF TOTAL LOSS; LARGEST NUMBER OF FIRES (640) ACCOUNT FOR ONLY 34% OF LOSS.

PER CAPITA LOSS



* REPRESENTS PER CAPITA LOSS FOR 3 MAJOR FIRES

APPARATUS & EQUIPMENT
SECTION III

APPARATUS AND EQUIPMENT USED -- 5 YEAR EXPERIENCE

	1944	1945	1946	1947	1948	5 YEAR AVERAGE
2½" HOSE LAID	90,650	115,074	126,100	92,255	90,230	102,862
1½" HOSE LAID	5,968	7,800	7,100	8,850	7,325	7,409
BOOSTER HOSE - FEET	65,500	69,550	86,375	80,000	103,650	81,015
BOOSTER GALLONS	13,577	19,047	21,554	21,680	18,601	18,892
LADDERS RAISED	4,018	5,120	4,421	4,175	2,573	4,061
TOTAL APPARATUS RESPONSE	1,282	1,250	1,613	1,339	1,406	1,378

DEPRECIATION RECORD

OUR MAINTENANCE EXPERIENCE HAS TAUGHT US TO ESTABLISH THE LIFE EXPECTANCY FOR HEAVY-DUTY FIRE APPARATUS AT 15 YEARS. UNFORTUNATELY THE EVERY DAY AND THOROUGH CARE OF THIS TYPE APPARATUS IS MISLEADING TO CASUAL OBSERVATION. THE "SHINY" EXTERIOR FAILS TO BETRAY HIDDEN STRESS AND STRAIN UPON OLD AND ANTIQUATED FIRE APPARATUS IN USE BEYOND ITS LIFE EXPECTANCY. THIS OUTWARD APPEARANCE HAS OFTEN BEEN USED AS AN EXCUSE FOR LACK OF ESTABLISHED RESERVES TO REPLACE HIGH-COST APPARATUS.

RECENT YEARLY MECHANICAL IMPROVEMENTS HAVE INCREASED THE WORK EFFICIENCY OF THESE UNITS AND DECREASED THE LIFE EXPECTANCY OF OUR OLD TYPE APPARATUS. A 6% YEARLY DEPRECIATION WRITE-OFF WITH A REMAINING VALUE OF 10% SEEMS A FAIRER METHOD OF ARRIVING AT TRUE FINANCIAL VALUE AND THIS METHOD PROVIDES FOR AN ESTIMATE OF FIRE SERVICE VALUE FOR APPARATUS RETAINED IN SERVICE BEYOND ITS LIFE EXPECTANCY; UPON EXPIRATION OF LIFE YEARS THE 10% REMAINING VALUE IS CARRIED FOR SALVAGE RECOVERY, PLUS, VALUE OF FIRE PROTECTIVE SERVICES RENDERED BY ANTIQUATED FIRE APPARATUS WHICH CANNOT BE ENTIRELY IGNORED.

APPARATUS RETAINED BETWEEN 15 TO 25 YEARS IS DEPRECIATED 50% OF THIS REMAINING VALUE, OR .5% OF ORIGINAL COST PRICE EACH YEAR; AND, APPARATUS RETAINED BETWEEN 25 TO 30 YEARS IS DEPRECIATED 25% OF THE REMAINING VALUE, OR .25% OF ORIGINAL COST PRICE EACH YEAR.

CONSTANT AND DEMANDING USE OF OUR SMALL SERVICE (COMMERCIAL) PANEL TRUCKS DEMANDS A DECREASE IN ANY ESTIMATED LIFE EXPECTANCY; EIGHT YEARS AT 12½% DEPRECIATION EACH YEAR WILL GIVE US A MORE EFFICIENT REPLACEMENT PROGRAM AND A TRUER PICTURE OF APPARATUS NEEDS.

OFFICER CARS ARE REQUIRED TO PERFORM AT PEAK EFFICIENCY UNDER THE MOST STRENUOUS USE; A FIVE-YEAR LIFE EXPECTANCY IS LENIENT.

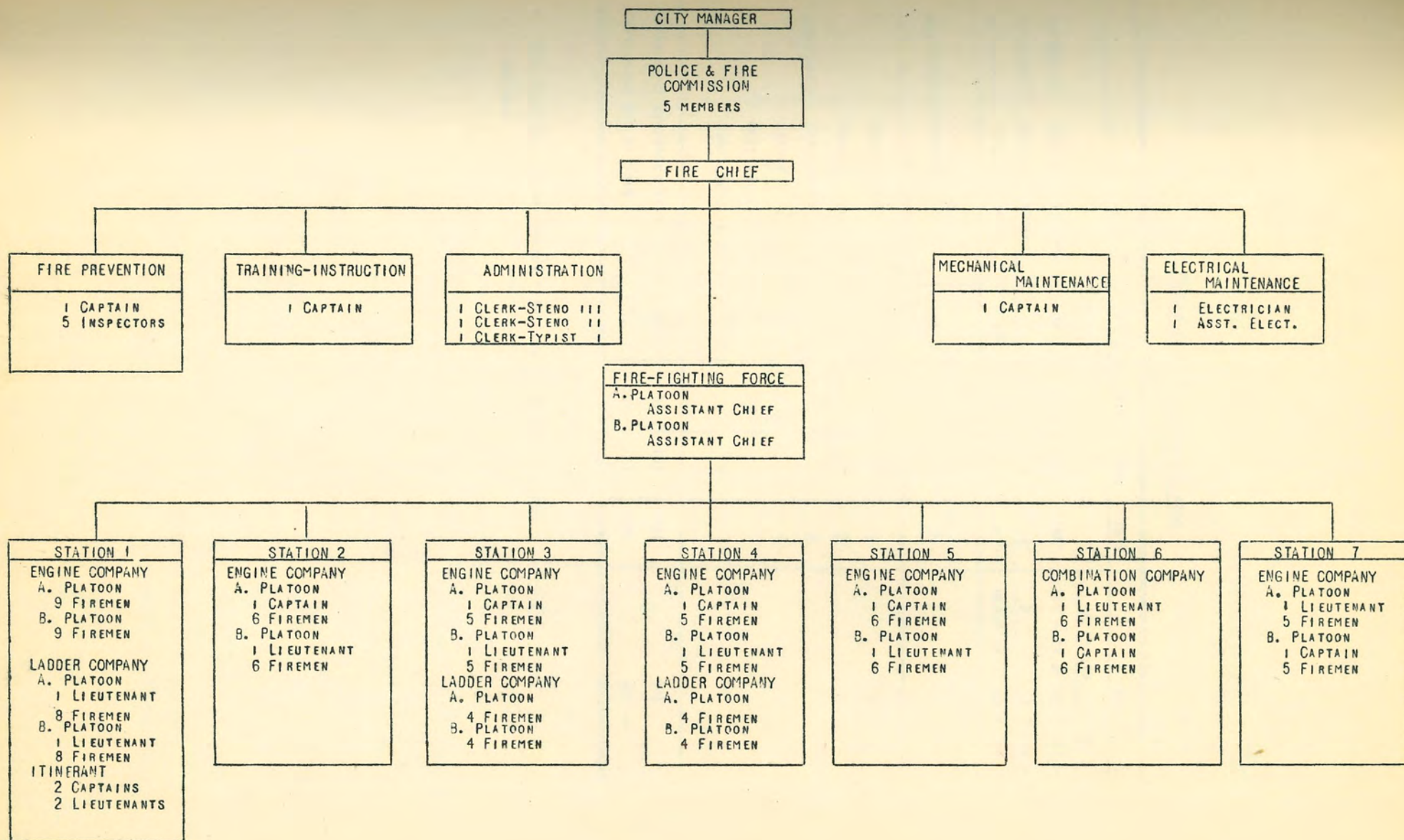
APPARATUS DEPRECIATION IS CHARTED ON THE FOLLOWING PAGE.

APPARATUS DEPRECIATION

STA. No.	DESCRIPTION	MAKE	DATE PURCH	ORIGINAL COST	LIFE YEARS	PERCENT DEPR.	AMOUNT DEPRECIATED	DEPR. VALUE 12/31/48	DATE TO RETIRE	ACT. YRS. SERVICE
1	SEDAN	NASH	10/29/47	\$ 1,645.00	5	20%	\$ 386.00	\$ 1,259.00	10/29/52	1Y2M2D
1	SEDAN	FORD	4/1/41	829.00	5	20%	829.00	NONE	4/1/46	7Y8M30D
1	PANEL TRUCK - MAINT	CHEVROLET	6/24/48	1,402.00	8	12 $\frac{1}{2}$ %	91.00	1,311.00	6/24/56	6M6D
1	PANEL TRUCK - P&F A.	CHEVROLET	6/24/48	1,471.00	8	12 $\frac{1}{2}$ %	95.00	1,376.00	6/24/56	6M6D
1	1250 GAL PUMPER	AM LaFRANCE	9/15/48	19,756.00	15	6%	346.00	19,410.00	9/15/63	3M15D
1	85' AERIAL	MACK	1/1/34	16,500.00	15	6%	14,850.00	1,650.00	1/1/49	15Y
1	RESCUE SQUAD (TRAUX)	CHEVROLET	1/1/49	3,500.00	8	12 $\frac{1}{2}$ %	NONE	3,500.00	1/1/57	
2	1000 GAL PUMPER	SEAGRAVE	12/26/29	15,500.00	15	6%	14,260.00	1,240.00	12/26/44	19Y0M4D
2	750 GAL PUMPER (AUX) FOAM	SEAGRAVE	8/3/25	12,500.00	15	6%	11,776.00	724.00	8/3/40	23Y4M28D
3	1250 GAL PUMPER	AM LaFRANCE	9/15/48	19,756.00	15	6%	346.00	19,410.00	9/15/63	3M15D
3	SERVICE TRUCK	SEAGRAVE	11/20/24	9,500.00	15	6%	9,067.00	433.00	11/20/39	24Y1M11D
4	1250 GAL PUMPER	AM LaFRANCE	9/15/48	19,756.00	15	6%	346.00	19,410.00	9/15/63	3M15D
4	SERVICE TRUCK	SEAGRAVE	11/25/29	9,000.00	15	6%	8,287.00	713.00	11/25/44	19Y1M6D
5	600 GAL PUMPER	SEAGRAVE	2/2/34	6,200.00	15	6%	5,549.00	651.00	2/2/49	14Y11M
5	HIGH PRESSURE (AUX) TRUAX	FORD	9/15/48	2,500.00	8	12 $\frac{1}{2}$ %	91.00	2,409.00	9/15/63	3M15D
6	750 GAL QUAD	PETER PIRSCH	6/24/41	12,065.00	15	6%	5,443.00	6,622.00	6/24/56	7Y6M7D
6	750 GAL PUMPER (AUX)	SEAGRAVE	1923	12,500.00	15	6%	11,906.00	594.00	11/1/38	26Y
7	600 GAL PUMPER	SEAGRAVE	4/20/35	6,623.00	15	6%	5,445.00	1,178.00	4/20/50	13Y8M13D
7	SERVICE TRUCK (AUX)	AM LaFRANCE	1919	7,700.00	15	6%	7,411.00	289.00	1934	30Y
8	750 GAL PUMPER	GENERAL	9/1/39	9,183.00	15	6%	5,143.00	4,040.00	9/1/54	9Y4M
FPB	SEDAN	FORD					365.00 *			
TOTAL				\$187,886.00			\$101,667.00	\$86,219.00		

* ANNUAL TRANSFER FROM POLICE DEPARTMENT. NO DEPRECIATION RECORD

PERSONNEL
SECTION IV



PERSONNEL — 5 YEAR EXPERIENCE

		1944	1945	1946	1947	1948	
AUTHORIZED MEMBERSHIP OF DEPART.	POLICE FIRE COM.	99	101	119	148	APPROVED 148 / 14 = 162	ADJ. 147 *
	BO. OF PERSONNEL	1	1	2	3	3	3
	TOTAL	100	102	121	151	151 / 14 = 165	151
NEW MEMBERS APPOINTED		15	18	27	35	4	
DEPARTURES	RETIREMENTS	4	4	3	3	2	
	RESIGNATIONS	2	4	1	2	1	
	DISMISSALS		1		2		
	DEATHS	1			1		
	MILITARY LV.	1	7	1			
TEMP. ELIG. LIST				3			
COMPLEMENT BEGINNING YEAR		92	99	101	121	148	
COMPLEMENT END OF YEAR		99	101	121	148	150 **	

* SIG ALARM ELEC. FROM POLICE FIRE COM. TO BO OF PERSONNEL

** 1 VACANCY

PERSONNEL ROSTER

DECEMBER 31, 1948

NAME	TITLE	APPOINTMENT DATE
EDWARD JOSEPH PAGE	CHIEF	FEBRUARY 16, 1930
PAUL J. GABBEI	CAPTAIN FPB	FEBRUARY 16, 1930
ARTHUR T. EMERSON	CAPTAIN DM	FEBRUARY 16, 1930
ARNE W. LERWICK	CAPTAIN MM	JULY 1, 1924
WILLIAM NEWMAN	ELECTRICIAN	FEBRUARY 20, 1928
ARTHUR E. SPRING	INSPECTOR	JANUARY 15, 1940
GEORGE L. STANEK	INSPECTOR	JUNE 27, 1939
CARROLL J. PALTZ	INSPECTOR	APRIL 16, 1940
HARRY A. PAGE	INSPECTOR	JANUARY 22, 1928
RUSSELL H. LANGLEY	INSPECTOR	JUNE 27, 1939
CLYDE R. RICHARDS JR.,	SIG. ALARM ELEC. I	OCTOBER 16, 1948
E. JOSEPH KOBERSTEIN	CLK STENO III	MAY 1, 1946
JOHN N. L. HEREID	CLK STENO II	AUGUST 19, 1946
CYRIL J. LAUBMEIER	CLK TYP I	SEPTEMBER 15, 1948

STATION NO. 1

LEONARD SIME	1ST ASST. CHIEF	DECEMBER 6, 1925
S. C. A. RATCLIFFE	2ND ASST. CHIEF	JULY 16, 1926
ERWIN G. BEALE	LIEUTENANT	OCTOBER 1, 1936
ALBERT ROGGE	LIEUTENANT	APRIL 21, 1919
CHRISTIAN P. ANDERSEN	DRIVER	JUNE 16, 1944
CARL E. AUSTIN	PRIVATE	JULY 23, 1945
WALTER G. AYERS	DRIVER	JANUARY 15, 1940
EDWARD J. BOKINA	DRIVER	SEPTEMBER 11, 1941
LYOYD W. BRIGGS	PRIVATE	SEPTEMBER 1, 1945
JOSEPH F. BUECHNER	PRIVATE	FEBRUARY 19, 1943
WILLIAM A. CAROW	PRIVATE	DECEMBER 1, 1947
REXFORD W. COLVIN	PRIVATE	DECEMBER 5, 1946
VERNON C. DAHNERT	PRIVATE	JANUARY 2, 1943
HAROLD R. DENNIS	PRIVATE	NOVEMBER 4, 1942
MARTIN L. GERSBACH	TILLERMAN	NOVEMBER 1, 1936
FREDERICK R. GROB	PRIVATE	FEBRUARY 1, 1947
JOHN H. HOFFMAN	DRIVER	AUGUST 1, 1923
MARVIN J. KAMMER	DRIVER	APRIL 15, 1940
JACK C. KING	PRIVATE	MARCH 5, 1946
EDSEL F. KINGSLEY	PRIVATE	JANUARY 16, 1946
KEITH F. LAWLER	PRIVATE	DECEMBER 16, 1947
FRANK R. LEVERENTZ	PRIVATE	MARCH 1, 1947
PAUL G. MCCALLUM	PRIVATE	DECEMBER 1, 1947
RALPH A. MCGRAW	DRIVER	JANUARY 15, 1940
FRANK N. MCMAHON	PRIVATE	MARCH 28, 1941
RUSSELL A. MANI	PRIVATE	OCTOBER 1, 1943
FRED W. MANTHE	PRIVATE	JANUARY 15, 1941
JOSEPH E. MARTINELLI	PRIVATE	APRIL 17, 1943
KENDALL E. NIEBUHR	PRIVATE	FEBRUARY 1, 1947
JAMES C. OLSON, JR.	PRIVATE	FEBRUARY 1, 1947
OSCAR PANKOW	PRIVATE	MARCH 4, 1942
JOHN G. RANDALL	PRIVATE	JANUARY 7, 1944
ROBERT G. SCHEER	PRIVATE	JULY 23, 1945
PHILIP J. STATZ	PRIVATE	FEBRUARY 1, 1947
GILMAN S. STONE	PRIVATE	JUNE 6, 1944
WILLIAM J. SULLIVAN	TILLERMAN	MAY 1, 1939
PAUL WELSH	PRIVATE	JANUARY 15, 1940
ORRIN G. ZEBARTH	PRIVATE	FEBRUARY 1, 1947

STATION NO. 2

EDWARD P. DURKIN	CAPTAIN	FEBRUARY 1, 1923
JACK A. BOYLE	LIEUTENANT	JULY 1, 1930
LESLIE BLIZARD	DRIVER	JANUARY 16, 1936
WILLIAM L. CLAPP	PRIVATE	APRIL 1, 1947
CLAIR R. FLINT	PRIVATE	MARCH 17, 1945
JAMES E. FRASER	PRIVATE	APRIL 23, 1942
CHARLES H. GILBERT	PRIVATE	MARCH 6, 1945
CHARLES HESSLING	PRIVATE	JANUARY 16, 1941
LOUIS F. HOFFMAN	PRIVATE	FEBRUARY 1, 1947
ARNOLD H. HORSTMAYER	PRIVATE	DECEMBER 5, 1944
ALEX KOHN	PRIVATE	FEBRUARY 15, 1930
HAROLD T. PALTZ	PRIVATE	FEBRUARY 1, 1947
VICTOR A. J. STORMER	PRIVATE	SEPTEMBER 15, 1945
CHARLES R. WHITE	DRIVER	JUNE 16, 1944

STATION NO. 3

ARTHUR WILCOX
ELMER STADELMAN
MATTHEW M. CORONNA
JAMES W. DAVIS
JOHN W. DEBECK
ROY D. DRINKWATER
EMIL G. GOJKOVICH
HAROLD N. HANSEN
ERWIN M. LICHTER
JEROME J. LUKAS
RAYMOND A. MARTINSON
ARNOLD C. MOEN
HAROLD O. MUENKEL
GRANT G. PRIEAEUX
PAUL G. REUBIN
ALFRED M. SIME
HARRY G. SMITH
PAUL S. TOFFE
RALPH E. TRIGGS
VINCENT W. WONG

CAPTAIN
LIEUTENANT
PRIVATE
PRIVATE
PRIVATE
PRIVATE
DRIVER
PRIVATE
PRIVATE
PRIVATE
PRIVATE
PRIVATE
DRIVER
PRIVATE
PRIVATE
PRIVATE
DRIVER
PRIVATE
PRIVATE
DRIVER

FEBRUARY 16, 1930
FEBRUARY 1, 1923
JANUARY 7, 1946
JUNE 5, 1944
JANUARY 30, 1940
FEBRUARY 1, 1947
JANUARY 16, 1941
FEBRUARY 1, 1947
JANUARY 1, 1944
OCTOBER 1, 1944
FEBRUARY 1, 1947
APRIL 1, 1948
JUNE 16, 1940
FEBRUARY 1, 1923
JANUARY 11, 1945
AUGUST 16, 1944
DECEMBER 6, 1925
APRIL 1, 1942
JANUARY 4, 1943
APRIL 1, 1942

STATION NO. 4

ROY B. HERRLING
GLOVER P. PETERSEN
CHARLES ABERLE
HENRY W. ANDERSON
PHILLIP J. BEHREND
PETER F. BREITENBACH
WILSON H. DONKLE
MICHAEL M. HAUSER
JOHN E. HUSTON
JOSEPH J. KERWIN
WALTER J. KWIECINSKI
ELLINGTON H. LANSDOWNE
HARLAND LIPPOLT
ELDON E. MAGINNIS
MAURICE T. NASON
ALBERT S. PHELPS
FRED A. RICE
JAMES SPANGLER
JOSEPH L. TISSERAND
HARVEY L. TURK

CAPTAIN
LIEUTENANT
PRIVATE
PRIVATE
PRIVATE
PRIVATE
DRIVER
PRIVATE
DRIVER
DRIVER
PRIVATE
PRIVATE
DRIVER
PRIVATE
PRIVATE
PRIVATE
PRIVATE
PRIVATE
PRIVATE

JULY 1, 1925
APRIL 10, 1928
JUNE 15, 1932
MAY 30, 1941
JANUARY 15, 1940
FEBRUARY 1, 1947
JUNE 15, 1939
AUGUST 1, 1947
JUNE 15, 1939
JULY 16, 1938
JUNE 1, 1948
FEBRUARY 1, 1947
JANUARY 7, 1946
FEBRUARY 1, 1947
NOVEMBER 9, 1940
FEBRUARY 1, 1947
JANUARY 15, 1940
JANUARY 16, 1946
JULY 7, 1943
FEBRUARY 1, 1947

STATION NO. 5

RICHARD ADANK
DERREL E. LAWRIE
ROBERT L. ALBRIGHT
WAYNE B. AUSTIN
CHESTER L. DOLVA
BERTON H. GESSLER
ARTHUR L. HANSON
KERMIT E. HERMANSON
JULIUS N. JACOBSON
ARTHUR T. LEWIS
JAMES V. MCAUSLAND
LYLE D. MEMPHAM
PHILIP A. NARF
CYRIL F. TIEDT

CAPTAIN
LIEUTENANT
PRIVATE
PRIVATE
PRIVATE
DRIVER
PRIVATE
PRIVATE
PRIVATE
DRIVER
PRIVATE
PRIVATE
PRIVATE
PRIVATE

AUGUST 9, 1928
FEBRUARY 1, 1929
FEBRUARY 1, 1947
JUNE 1, 1932
FEBRUARY 1, 1925
SEPTEMBER 16, 1945
FEBRUARY 1, 1947
MAY 3, 1943
FEBRUARY 15, 1927
JULY 15, 1926
JUNE 1, 1948
OCTOBER 16, 1947
JANUARY 16, 1939
OCTOBER 1, 1947

STATION NO. 6

LOUIS G. HOFFMAN
WILBERT F. KOCH
LESTER E. BLACKMER
DONALD L. CHASE
JAMES M. ENGELBERGER
VINCENT J. GEIER
KENNETH R. GIBBS
LEON G. HOLL
ALVIN T. JOHNSON
DONALD R. LUMSDEN
JAMES F. SHIPLEY
JOHN R. TAPPEN
ORVILLE E. VALLEM
KENNETH O. VODAK

CAPTAIN
LIEUTENANT
PRIVATE
PRIVATE
DRIVER
DRIVER
PRIVATE
PRIVATE
PRIVATE
PRIVATE
PRIVATE
PRIVATE
PRIVATE
PRIVATE

JANUARY 24, 1922
DECEMBER 6, 1925
FEBRUARY 1, 1947
APRIL 1, 1942
JANUARY 15, 1940
FEBRUARY 19, 1943
JUNE 5, 1944
MARCH 16, 1944
DECEMBER 5, 1946
FEBRUARY 1, 1947
JUNE 4, 1944
FEBRUARY 1, 1947
JULY 16, 1943
JUNE 16, 1945

HOWARD D. COMSTOCK
HENRY E. JOHNSON
THOMAS J. BARRY
ROBERT P. COUTURE
WALTER P. GAVIN
DARYL J. GRIFFIN
ARTHUR J. HALVERSON
HOWARD J. HOLZWORTH
HAROLD P. KLEIN
MILO E. LEMON
STANLEY OLDHAM
JOSEPH D. ROBERTS

WILLIAM F. LYNAGH
H. L. STARKWEATHER
EDWARD E. KNOPE
CHARLES TOMCANY

STATION NO. 7

CAPTAIN
LIEUTENANT
PRIVATE
PRIVATE
PRIVATE
PRIVATE
DRIVER
DRIVER
PRIVATE
PRIVATE
PRIVATE
PRIVATE

MAY 1, 1922
FEBRUARY 15, 1927
JANUARY 13, 1943
MARCH 16, 1947
JULY 1, 1943
FEBRUARY 1, 1947
JANUARY 7, 1946
JULY 1, 1924
FEBRUARY 1, 1947
JULY 1, 1925
DECEMBER 6, 1925
APRIL 1, 1942

ITINERANT OFFICERS

CAPTAIN
CAPTAIN
LIEUTENANT
LIEUTENANT

FEBRUARY 16, 1930
FEBRUARY 16, 1930
NOVEMBER 1, 1937
JUNE 1, 1932

BUREAU OF FIRE PREVENTION
CAPTAIN PAUL J. GABBEI

CHIEF EDWARD JOSEPH PAGE,
MADISON FIRE DEPARTMENT,
MADISON, WISCONSIN.

DEAR SIR:

I AM SUBMITTING TO YOU THE REPORT AND STATISTICAL DATA OF THE FIRE PREVENTION BUREAU FOR THE YEAR ENDING DECEMBER 31, 1948.

AS OF THIS DATE THE FIRE PREVENTION BUREAU CONSISTS OF THE FOLLOWING PERSONNEL:

CAPTAIN PAUL J. GABBEI
INSPECTOR ARTHUR E. SPRING
INSPECTOR GEORGE L. STANEK
INSPECTOR HARRY A. PAGE
INSPECTOR CARROLL J. PALTZ
INSPECTOR RUSSELL H. LANGLEY

ONE OF THE MAJOR IMPROVEMENTS IN THE FIRE PREVENTION BUREAU DURING THE PAST YEAR WAS THE ESTABLISHING OF A PHOTOGRAPHIC LABORATORY. THIS TYPE OF PICTORIAL EVIDENCE PLAYS AN IMPORTANT PART IN OUR EDUCATIONAL PROGRAM, AND WILL PLAY AN EVEN MORE IMPORTANT PART IN THE ELIMINATION OF FIRE HAZARDS IF IT IS NECESSARY TO BE SUBMITTED IN COURT. THIS ONE ITEM HAS ADDED MATERIALLY TO THE EFFICIENCY OF OUR BUREAU. IT HAS MANY TIMES PROVEN ITS WORTH.

BECAUSE OF THE LIMITATION OF PERSONNEL IT HAS BEEN PHYSICALLY IMPOSSIBLE TO MAKE THE NUMBER OF INSPECTIONS REQUIRED BY STATE STATUTES. STATE LAW REQUIRES FOUR INSPECTIONS PER YEAR IN THE "IN FIRE LIMITS" ZONE AND TWO INSPECTIONS PER YEAR IN THE "OUT OF FIRE LIMITS". IT WILL PROBABLY BE POSSIBLE WITH THE ADDITION OF TWO NEW INSPECTORS AS APPROVED IN THE 1949 BUDGET TO MORE NEARLY COMPLY WITH THE REQUIRED NUMBER OF INSPECTIONS. THE ACQUISITION OF TRUAX FIELD AND OTHER NEWLY ANNEXED TERRITORIES, HOWEVER, ADDS A GREATER RESPONSIBILITY TO THE DUTIES OF OUR INSPECTORS.

SOME QUESTION HAS ARISEN DURING THE PAST YEAR AS TO THE TYPES OF BUILDINGS OUR INSPECTORS CAN LEGALLY ENTER TO MAKE INSPECTIONS. WE HAVE REQUESTED AN OPINION FROM THE CITY ATTORNEY RELATIVE TO THE TYPES OF BUILDINGS AND OCCUPANCIES WE ARE REQUIRED TO INSPECT. UP TO THE PRESENT TIME THE CITY ATTORNEY HAS NOT RENDERED HIS OPINION.

WE HAVE REQUESTED AN EXPLOSIVE METER AND A CARBON MONOXIDE TESTER IN OUR 1949 BUDGET TO AID IN OUR PREVENTION WORK. WITH THE PURCHASE OF THESE WE WILL BE ABLE TO MAKE TESTS THAT WERE FORMERLY MADE BY THE INDUSTRIAL COMMISSION, IN OUR OWN LABORATORY. I KNOW THAT BOTH THESE ITEMS WILL BE BENEFICIAL TO OUR BUREAU.

FIRE DRILLS IN ALL OF MADISON'S PUBLIC AND PAROCHIAL SCHOOLS WERE HELD UNDER THE SUPERVISION OF OUR INSPECTORS DURING FIRE PREVENTION WEEK. DURING THIS WEEK OUR EFFORTS WERE PRIMARILY DIRECTED TOWARD STRESSING THE NEED OF THE ELIMINATION AND CORRECTION OF ALL FIRE HAZARDS IN PUBLIC AND PRIVATE DWELLINGS.

I WANT TO EXPRESS MY THANKS AND APPRECIATION FOR THE FINE COOPERATION I HAVE RECEIVED FROM YOU, FROM THE BOARD OF POLICE AND FIRE COMMISSIONERS, CITY OFFICIALS AND OFFICERS AND MEMBERS OF THE DEPARTMENT DURING 1948.

RESPECTFULLY SUBMITTED,

Paul J. Gabbei
CAPTAIN PAUL J. GABBEI

INSPECTIONS

	REGULAR INSPECTIONS		SPECIAL INSPECTIONS		RE- INSPECTIONS		TOTAL	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
JANUARY	551	37	381	29	32	1	964	67
FEBRUARY	373	96	322	5	13	5	708	106
MARCH	308	246	179	17	7	3	493	267
APRIL	421	162	278	7	15	8	714	177
MAY	181	162	394	8	5	3	582	171
JUNE	376	151	244	7	8	10	629	167
JULY	439	115	339	8	13		791	123
AUGUST	372	170	261	14	14	4	647	188
SEPTEMBER	225	187	320	1	26	3	571	191
OCTOBER	239	89	253	6	13	9	504	105
NOVEMBER	509	125	236	13	15	1	786	113
DECEMBER	252	99	982	16	27	4	1262	118
TOTAL	4246	1639	4189	131	188	51	8651	1793

DEFECTS

	ELECTRICAL		RUBBISH, OILY RAGS, ETC.		FIRE EXTINGUISHERS		FIRE ESCAPES STAIRWAYS		FIRE DOORS		VOLATILE LIQUIDS		MISC.		TOTAL	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
JANUARY	156	10	116	9	100	5	75	7	63	3	29	1	105	12	645	46
FEBRUARY	114	22	68	19	81	20	44	17	30	12	9	10	68	32	409	137
MARCH	76	74	80	51	38	87	56	51	20	51	7	17	44	54	327	379
APRIL	90	24	104	33	52	36	56	19	30	14	25	7	61	12	418	145
MAY	63	63	57	36	27	40	44	35	23	28	5	8	36	43	255	253
JUNE	106	40	87	38	53	40	60	27	27	8	7	9	41	26	381	188
JULY	120	13	91	24	50	17	56	11	21	4	17	6	43	8	398	83
AUGUST	108	33	72	50	81	45	57	25	23	14	6	12	82	48	429	227
SEPTEMBER	67	40	75	45	40	29	34	24	14	22	5	23	35	32	270	215
OCTOBER	66	36	55	20	38	18	40	11	23	4	10	13	36	17	268	119
NOVEMBER	97	27	122	17	40	25	57	16	29	12	16	5	53	21	414	123
DECEMBER	76	18	59	16	31	17	58	8	23	12	3	8	41	9	291	88
TOTAL	1139	400	986	358	631	379	637	251	326	184	139	119	645	314	4505	2003

REFERRALS

	ELECTRICAL		BUILDING		OK BY ELECTRICAL DEPT.		OK BY BUILDING DEPT.	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
JANUARY	29	4	26	5	29	---	11	7
FEBRUARY	18	8	10	12	61	34	24	11
MARCH	17	35	18	49				
APRIL	18	9	25	14	2	4	20	14
MAY	12	15	20	27				
JUNE	23	16	25	24			36	44
JULY	14	4	33	2				
AUGUST	15	7	15	12			17	15
SEPTEMBER	13	7	8	20			53	18
OCTOBER	11	13	13	9				
NOVEMBER	25	12	32	5				
DECEMBER	<u>34</u>	<u>3</u>	<u>30</u>	<u>20</u>	—	—	—	—
TOTAL	229	133	255	199	92	38	161	109

BUREAU OF TRAINING &
INSTRUCTION

CAPT. ARTHUR T. EMERSON

CHIEF EDWARD JOSEPH PAGE
MADISON FIRE DEPARTMENT
MADISON, WISCONSIN.

DEAR SIR:

I RESPECTFULLY SUBMIT THE FOLLOWING INSTRUCTION AND TRAINING REPORT FOR THE PERIOD FROM MARCH 1, 1948 THROUGH DECEMBER 31, 1948.

THE DRILL PROGRAM COVERING THE LAST TEN MONTHS OF 1948 CONSISTED OF THE FOLLOWING: DRILL PROCEDURE AND PROGRAM, FORCIBLE ENTRY, VENTILATION, CUTTING TORCH OPERATIONS, AERIAL LADDER OPERATIONS, LADDER PRACTICES, HOSE EVOLUTIONS, HOSE AND LADDER EVOLUTIONS, RESCUE TRAINING, SPECIAL RESCUE TRAINING, FIRST AID COURSE, VISUAL EDUCATION, FIRE STREAMS AND ENGINE PRACTICES, SPECIAL DUTY ASSIGNMENTS, AND STATION OFFICER ASSIGNMENTS.

THE DRILLMASTER CONDUCTED 320 CLASSES AND DRILL SESSIONS TOTALING APPROXIMATELY 650 HOURS ON ALL OF THE ABOVE EVOLUTIONS, VARYING FROM ONE TO SEVERAL CLASS SESSIONS ON EACH COURSE DEPENDING UPON THE MATERIAL TO BE COVERED AND THE TIME NECESSARY TO GAIN PROFICIENCY IN EACH EVOLUTION. EACH MEMBER OF THE DEPARTMENT RECEIVED APPROXIMATELY THE SAME INSTRUCTION ON EACH SUBJECT TAUGHT.

IN ADDITION TO INSTRUCTION THERE WERE APPROXIMATELY 7,000 MIMEOGRAPHED SHEETS PREPARED TO EXPEDITE TRAINING: FORCIBLE ENTRY, VENTILATION, HYDRAULICS, STANDARD LADDER COMMANDS, AERIAL LADDER UNIT ORGANIZATION, AND RESUSCITATION.

DRILL PROCEDURE AND PROGRAM: INSTRUCTION CONSISTED OF: DRILL PROGRAM, TEACHING METHODS TO BE EMPLOYED, VALUE OF DRILL, AND THE VALUE OF PROPER ORGANIZATION AND COOPERATION.

FORCIBLE ENTRY PRACTICES: THE PROPER NAMES, CARE, AND USE OF FORCIBLE ENTRY TOOLS, AS EMPLOYED TO FORCE ENTRANCE INTO LOCKED BUILDINGS, TOGETHER WITH A STUDY OF THE GREAT VARIETY OF LOCKING DEVICES ENCOUNTERED AT FIRES AND THE PROPER TOOLS TO BE EMPLOYED TO GAIN ENTRANCE IN EACH CASE.

VENTILATION: THE VALUE OF PROMPT, ADEQUATE, AND EFFECTIVE VENTILATION AS AN AID TO FIRE CONTROL AND EXTINGUISHMENT; ALSO, PROPER USE OF TOOLS TO ACCOMPLISH VENTILATION TOGETHER WITH A STUDY OF SITUATIONS AND VENTILATING PROCEDURES.

CUTTING TORCH OPERATIONS: THIS DRILL WAS CONDUCTED ONLY IN COMPANIES HAVING CUTTING EQUIPMENT. DRILLS CONSISTED OF: EXPLANATION OF TORCH AND CUTTING, PROPER MIXTURES AND TORCH HANDLING, TOGETHER WITH PRACTICE BY THE COMPANY PERSONNEL CUTTING DIFFERENT KINDS AND WEIGHTS OF METALS.

AERIAL LADDER OPERATIONS: CLASSES CONSISTED OF DRIVING AND SPOTTING TRUCK AND TO GAIN TEAM WORK, SPEED, AND EFFICIENCY IN RAISING AND MANIPULATION OF THE AERIAL LADDER.

LADDER PRACTICES: DRILLS CONSISTED OF TEAMWORK, SPEED, AND PRECISION IN REMOVING, CARRYING, AND RAISING ALL TYPES OF LADDERS AND RAISES IN FIRE SERVICE.

HOSE EVOLUTIONS: EVOLUTIONS CONSISTED OF LAYING OUT LINES EMPLOYING THE VARIOUS TYPES OF HOSE LAYOUTS, HANDLING OF WATER STREAMS, AND PROPER HANDLING, CARE AND STORAGE OF HOSE.

HOSE AND LADDER EVOLUTIONS: INSTRUCTIONS CONSISTED OF PROPER HANDLING OF LADDER LINES, STRETCHING LINES OVER LADDERS AND FIRE ESCAPES, AND VARIOUS EVOLUTIONS USED IN ACTUAL FIRE OPERATIONS.

RESCUE PRACTICES: USE OF MASKS, LIFE NETS, LIFE BAGS, LIFE KNOTS, ROPE SLIDING, POMPIER BELTS, RESCUE CARRIES AS APPLIED BY THE FIRE DEPARTMENT IN RESCUE SERVICE.

SPECIAL RESCUE TRAINING: A COMPLETE FIRST AID COURSE CONSISTING OF FROM 20 TO 30 HOURS OF INSTRUCTION FOR EACH MEMBER OF THE DEPARTMENT.

VISUAL EDUCATION: FIRE TRAINING, FIRST AID, AND SAFETY FILMS PROJECTED FOR THE MEMBERS ON DUTY AT THE ENGINE HOUSES.

FIRE STREAMS AND ENGINE PRACTICES: BASIC INSTRUCTION ON ENGINES, HORSEPOWER AND CAPACITIES, SPRINKLER SYSTEMS, AND STANDPIPES, FIRE STREAMS, AND ENGINEERING HYDRAULICS APPLICABLE TO THE FIRE SERVICE.

SPECIAL DUTY ASSIGNMENTS: SPECIAL DUTY ASSIGNMENTS INCLUDED: TALKS ON VARIOUS FIRE DEPARTMENT SUBJECTS TO GROUPS, DEMONSTRATIONS FOR PUBLIC GATHERINGS, PROGRAMMING AND TRAINING FOR THE ANNUAL FIRE SHOW, AND MULTIFARIOUS DUTIES ASSIGNED TO ME BY THE CHIEF OF THE FIRE DEPARTMENT.

STATION OFFICER ASSIGNMENTS: DRILLWORK IS CONTINUOUSLY CONDUCTED UNDER THE COMPETENT SUPERVISION OF THE COMPANY OFFICERS CONSISTING OF THE FOLLOWING SUBJECTS: RULES AND REGULATIONS, HYDRANTS, STREET BOX ALARMS, STATION TERRITORIES, CARE OF TOOLS, APPARATUS AND QUARTERS, SMALL EXTINGUISHERS, ROPES, KNOTS, AND HITCHES, A CONTINUOUS FIRST AID PROGRAM, LESSON ASSIGNMENTS BY THE DRILLMASTER TOGETHER WITH COUNTLESS DRILLS OF THEIR CHOOSING.

PREPARING THE PROGRAM OF INSTRUCTION FOR THE VARIOUS EVOLUTIONS TO BE TAUGHT, NECESSITATES COUNTLESS HOURS OF OFF DUTY WORK. THIS IS THE ONLY WAY UNDER THE PRESENT DIFFICULT DRILL SET-UP THAT A CONTINUOUS, CONSTRUCTIVE, AND PROGRESSIVE PROGRAM CAN BE CARRIED OUT. MANY HOURS OF PREPARATION ARE NECESSARY TO BUILD A FAST MOVING PROGRAM THAT WILL PROVE BENEFICIAL AS WELL AS INTERESTING TO THE FIREMEN.

I WISH TO CALL YOUR ATTENTION TO REQUESTS MADE BY THIS BUREAU IN THE PAST FOR A TRAINING CENTER TO COPE WITH THE INCREASING DEMANDS FOR A MORE EXTENSIVE AND EFFECTIVE FIRE DEPARTMENT DRILL PROGRAM. THE TRAINING AT THE FIRE STATIONS IS BECOMING MORE AND MORE LIMITED DUE TO INCREASED TRAFFIC CONDITIONS AND CONGESTION. IF TRAINING AND INSTRUCTION IS TO BE CONTINUED ON THE BASIS THAT IT IS NOW OPERATING A DRILL SCHOOL WILL HAVE TO BECOME A REALITY IN THE VERY NEAR FUTURE.

I WISH TO EXPRESS MY DEEPEST APPRECIATION TO YOU, TO ASSISTANT CHIEFS LEONARD SIME AND S. C. A. RATCLIFFE, TOGETHER WITH THE OFFICERS OF THE VARIOUS STATIONS FOR THE SPLENDID COOPERATION AND SUPPORT YOU HAVE GIVEN TO ME THIS PAST YEAR.

I WISH TO EXPRESS MY APPRECIATION TO THE HONORABLE BOARD OF POLICE AND FIRE COMMISSIONERS FOR YOUR SUPPORT, INTEREST, AND COOPERATION THROUGHOUT THE PAST YEAR.

I WISH TO THANK THE FIREMEN FOR THE FINE SPIRIT OF COOPERATION THAT WAS
DISPLAYED DURING THE FIRE SHOW, WHICH WAS INDICATIVE OF THE SPIRIT AND COOPERATION
THAT I HAVE RECEIVED FROM THEM ALL YEAR.

I AM LOOKING FORWARD TO A YEAR OF CONTINUED PROGRESS IN THE FIRE DEPARTMENT
TRAINING, AND WILL DO EVERYTHING IN MY POWER TO MAKE THE DRILL PROGRAM AN INTERESTING,
CONSTRUCTIVE, AND PROFITABLE ONE FOR THE FIRE DEPARTMENT.

RESPECTFULLY SUBMITTED,

Arthur T. Emerson

CAPTAIN ARTHUR T. EMERSON
BUREAU OF TRAINING AND INSTRUCTION

MONTHLY CLASS AND DRILL SESSIONS

	STA. 1	STA. 2	STA. 3	STA. 4	STA. 5	STA. 6	STA. 7	TOTAL
JANUARY	35:20	34:45	39:00	34:15	29:30	35:15	43:00	251:05
FEBRUARY	43:30	27:45	30:00	30:45	31:45	35:15	30:30	229:30
MARCH	27:40	30:30	39:30	35:15	40:25	29:30	33:15	236:05
APRIL	40:30	37:00	34:45	28:15	31:45	26:30	25:30	224:15
MAY	36:30	44:15	36:00	27:00	31:45	21:15	36:15	233:00
JUNE	44:00	44:15	50:15	30:15	26:30	28:30	27:45	251:30
JULY	50:45	33:45	42:45	25:45	31:45	18:00	30:00	232:45
AUGUST	31:45	38:15	34:00	37:15	34:05	24:45	34:30	234:35
SEPTEMBER	42:00	35:30	35:00	29:30	29:45	44:00	36:00	251:45
OCTOBER	40:45	36:00	32:45	27:00	40:05	22:00	35:15	233:50
NOVEMBER	44:30	42:15	33:45	29:00	30:30	32:15	29:30	241:45
DECEMBER	<u>56:45</u>	<u>44:15</u>	<u>40:00</u>	<u>18:00</u>	<u>35:15</u>	<u>30:45</u>	<u>35:00</u>	<u>260:00</u>
TOTAL	494:00	448:30	447:45	352:15	393:05	348:00	396:30	2880:05

THESE DRILLS WERE CONDUCTED AT ALL
STATIONS BY STATION OFFICERS AND
THE DRILLMASTER.

BUREAU OF MAINTENANCE

CAPT. ARNE W. LERWICK

CHIEF EDWARD JOSEPH PAGE,
MADISON FIRE DEPARTMENT,
MADISON, WISCONSIN.

DEAR SIR:

DURING THE PAST YEAR MAINTENANCE AND REPAIR WORK REACHED A VOLUME WHERE ASSISTANCE BECAME A NECESSITY. MY REQUEST FOR AN ASSISTANT MASTER MECHANIC WAS UNDER CONSIDERATION AND DURING THE INTERIM IT BECAME NECESSARY TO ASSIGN FROM THE FIRE FIGHTING PERSONNEL AN ASSISTANT. PRIVATE ROBERT G. SCHEER WAS ASSIGNED TO MAINTENANCE ON SEPTEMBER 16, 1948. OUR 1949 BUDGET REQUEST RESTATED THE URGENCY OF ADDITIONAL PERSONNEL AND WAS APPROVED; EXAMINATIONS ARE BEING CONDUCTED AT PRESENT FOR AN ASSISTANT MASTER MECHANIC. IN THAT ALL MAINTENANCE AND REPAIR WORK DONE ON OUR APPARATUS IS SPECIALIZED IN NATURE, IT REQUIRES SPECIAL ON-THE-JOB OR FACTORY TRAINING AND A THOROUGH UNDERSTANDING OF FIRE DEPARTMENT PROCEDURE AND PROBLEMS. I AM CONVINCED THAT THE PRESENT APPOINTMENT POLICY FROM FIRE DUTY RANKS IS SOUND. IT WILL REFLECT GREATER EFFICIENCY AND SUBSTANTIAL SAVINGS TO OUR CITY.

A GREAT DEAL OF TIME WAS SPENT LAST YEAR CONSTRUCTING AND RECONVERTING THE CHEVROLET TRUCK INTO A RESCUE UNIT. ALL WORK WAS COMPLETED IN OUR SHOP AND THIS UNIT PROVIDES OUR DEPARTMENT WITH ANOTHER VITAL PIECE OF APPARATUS TO SAFEGUARD THE LIVES AND PROPERTY OF OUR CITIZENS. THE RESCUE SQUAD RESPONDS TO ALL ALARMS IN OUR HIGH VALUE DISTRICT AND TO ALARMS IN OUTLYING DISTRICTS WHEN NEEDED. THIS PIECE OF APPARATUS CARRIES FIVE OXYGEN MASKS, CUTTING TORCHES, TWO INHALATORS, SALVAGE COVERS, FORCIBLE ENTRY TOOLS, MOBILE AND STATIONARY LIGHTING EQUIPMENT AND FIRST AID AND RESCUE EQUIPMENT.

THE ASSEMBLY OF AN OXYGEN MANIFOLD SYSTEM WAS COMPLETED DURING 1948 IN OUR SHOP. THIS SYSTEM ENABLES US TO RECHARGE OUR OXYGEN TANKS FOR MASKS, INHALATORS AND CUTTING TORCH EQUIPMENT; AND PROVIDES ADEQUATE SUPPLIES OF OXYGEN READILY AVAILABLE IN CASE OF DISASTER IN OUR CITY: A VITAL LIFE SAFE-GUARD AND PUBLIC SERVICE IMMEDIATELY AVAILABLE TO EACH AND EVERY ONE OF US.

DURING THE FORTHCOMING YEAR OUR SCHEDULE INCLUDES GENERAL OVERHAULING OF THE OLD NO. 3 ENGINE AND RECONVERSION INTO A FOAM TRUCK FOR USE IN LARGE OIL FIRES; MAJOR OVERHAULING OF THE OLD NO. 2 ENGINE INTO AN AUXILIARY ENGINE FULLY EQUIPPED; AND, OVERHAULING THE QUAD AT NO. 6 AND THE TRUCKS AT NO. 3 AND NO. 4. FURTHER, OUR FM RADIO SYSTEM IS SCHEDULED FOR DEVELOPMENT, REMODELING AND REBUILDING.

THE BUILDING REPAIR BUDGET FOR 1948 INCLUDED THE REMODELING OF OUR SHOP AREA: THIS PROJECT HAS AIDED OUR MAINTENANCE WORK IMMEASURABLY. HOWEVER, I AGAIN REQUEST CONSIDERATION OF A LARGER SHOP AS PROPOSED IN THE REPLACEMENT OF NO. 3 STATION. PRESENT WORK AREAS ARE TOO LIMITED AND WE ARE NOT FULLY EQUIPPED WITH

WORK TOOLS, I SINCERELY REQUEST ADMINISTRATIVE OFFICIALS TO BEAR IN MIND THE DIRE
NEED FOR A WELL EQUIPPED, MODERN REPAIR SHOP FOR OUR DEPARTMENT.

I WANT TO EXPRESS MY APPRECIATION TO YOU FOR YOUR SPLENDID COOPERATION;
AND, MY THANKS TO THE OFFICERS AND MEN OF OUR DEPARTMENT FOR THEIR ASSISTANCE AND
HELP IN KEEPING OUR EQUIPMENT AND APPARATUS IN WORKING ORDER.

RESPECTFULLY SUBMITTED,

Arne W. Lerwick

CAPTAIN ARNE W. LERWICK
MASTER MECHANIC

POLICE & FIRE ALARM

WILLIAM A. NEWMAN

CHIEF EDWARD JOSEPH PAGE
MADISON FIRE DEPARTMENT
MADISON, WISCONSIN

DEAR SIR:

SINCE MR. EARL HENRY'S RETIREMENT EFFECTIVE JULY 1, 1948 I HAVE BEEN RESPONSIBLE FOR MAINTENANCE OF THE FIRE ALARM, POLICE AND TRAFFIC SYSTEMS. I AM SUBMITTING TO YOU OUR REPORT FOR THE YEAR ENDING DECEMBER 31, 1948.

AS CITED IN OUR REPORT OF LAST YEAR THE ALARM SYSTEM IS IN A BAD STATE OF REPAIR; AGAIN, DURING THE LAST YEAR WE HAVE ENCOUNTERED INNUMERABLE DIFFICULTIES KEEPING OUR CIRCUITS IN WORKING ORDER. LATE 1948 WE EXTENDED OUR SYSTEM TO INCLUDE OUR NEW FIRE STATION.

AFTER SEVERAL CONFERENCES WITH YOU AND JOINT MEETINGS WITH CITY MANAGER HOWELL AND REPRESENTATIVES OF FIRE ALARM COMPANIES PLANS ARE BEING LAID TO REMODEL, IMPROVE AND REBUILD THE FIRE ALARM SYSTEM. BUDGET PROVISIONS HAVE BEEN MADE FOR REPLACEMENT OF OVERHEAD WIRING, CABLE FOR UNDERGROUND LINES AND NEW DUCT.

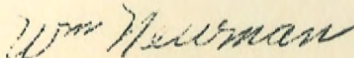
OUR PLANS TO IMPROVE THE SYSTEM, THIS SUMMER, COORDINATED WITH THE PROPOSED REBUILDING AND PURCHASE OF NEW EQUIPMENT FOR HEADQUARTERS WILL GREATLY STRENGTHEN FIRE PROTECTIVE SERVICES TO OUR CITIZENS.

DURING THE PAST YEAR THE VACANCY CREATED BY MR. HENRY'S RETIREMENT WAS NOT FILLED BY COMMISSION APPOINTMENT; RATHER IT WAS DECIDED MORE EFFICIENT ORGANIZATION TO APPOINT A CIVILIAN ELECTRICIAN AS AN EMPLOYEE WORKING UNDER THE CITY BOARD OF PERSONNEL. MR. CLYDE R. RICHARDS, JR., WAS APPOINTED AS SIGNAL ALARM ELECTRICIAN II ON OCTOBER 16, 1948.

OUR FIRE DEPARTMENT CONTINUES TO DEVELOP AND ADOPT MODERN METHODS OF OPERATION TO PROMOTE EFFICIENT SERVICE FOR OUR PEOPLE; AND I FEEL THAT THE FIRE ALARM SYSTEM IS THE NERVE CENTER OF EFFICIENT FIRE RESPONSE. IT IS GRATIFYING TO ME AND ENCOURAGING TO KNOW THAT EFFORTS ARE AT LONG LAST CULMINATING IN PLANNED IMPROVEMENTS OF THE ALARM SYSTEM.

I HOPE THIS REPORT MEETS WITH YOUR APPROVAL AND WE WILL DO OUR BEST TO BRING THE FIRE ALARM SYSTEM TO A NORMAL WORKING CONDITION IF WE ARE PROVIDED WITH NEW ALARM EQUIPMENT AT HEADQUARTERS AND GENERAL REPAIR MATERIALS AS REQUESTED.

RESPECTFULLY SUBMITTED,



WILLIAM A. NEWMAN
ELECTRICIAN
POLICE-FIRE ALARM

FIRE, POLICE AND TRAFFIC LIGHT MAINTENANCE HOURS

	FIRE ALARM SYSTEM	POLICE ALARM SYSTEM	TRAFFIC LIGHT REPAIR	TOTAL
JANUARY	115	3	93	211
FEBRUARY	90	9	89	188
MARCH	99	4	127	230
APRIL	145	10	53	208
MAY	124	3	66	193
JUNE	126	8	61	195
JULY	112		89	201
AUGUST	133	19	44	196
SEPTEMBER	89	66	12	167
OCTOBER	96	6	99	201
NOVEMBER	125	2	84	211
DECEMBER	<u>98</u>	<u>2</u>	<u>59½</u>	<u>159½</u>
TOTAL	1352	132	876½	2360½