



CONSOLIDATED FIRE DISTRICT
ANNUAL REPORT

"FIREMEN'S CODE OF ETHICS"

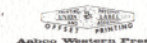
My fundamental responsibility as a "Protector of Society" is the safeguarding and preservation of human life and property against the elements of fire and disaster.

I will never allow my personal feelings, or danger to self deter me from carrying out my duties.

I will, to the best of my powers, recognize and uphold my responsibility, dedicating myself to this before God and the public who have placed their faith in me and my chosen profession.



THIS REPORT HAS BEEN COMPILED BY
CAPTAIN FRED B. CAPERTON
RECORDS AND REPORTS DIVISION.





2030 N. MAIN STREET
WALNUT CREEK, CALIFORNIA 94597
TELEPHONE (415) 939-3400



CONTRA COSTA COUNTY CONSOLIDATED FIRE DISTRICT

BOARD OF FIRE COMMISSIONERS
Daniel S. Boatwright, Chairman
Leo F. Smarsh, Vice-Chairman
Lawrence M. Boehmer
Robert I. Schroder
Harold E. Wildes

TO: The Honorable Board of Fire Commissioners of the
Contra Costa County Consolidated Fire District

FROM: Albert V. Streuli, Fire Chief

SUBJECT: Annual Fire Department Activity Report

The Consolidated Fire District submits to you,
our Board of Fire Commissioners, the First Annual Activity
Report of our new District.

We, the District, made numerous capital outlay
improvements this year. The Building Program started with
the dedication of the new Clayton Station No. 11. The
purchase and selection of the new Administration Office
and relocation site of Station 2, which is presently 85%
completed. The planned purchase of our training facilities
in Ygnacio Valley. The dedication and acceptance of prop-
erty for our Saranap Station No. 3 near Rossmoor.

These improvements were based on the recommenda-
tions of the Pacific Fire Rating Bureau, their engineering
staff, who has given our District excellent cooperation.

The District also purchased three new Fire Engines;
but, beside the physical improvements, the most significant
upgrading of all was in the fire prevention and educational
programs that were demonstrated by our Fire Suppression and
Fire Prevention personnel. This is in keeping with your
policy of placing a greater emphasis on public education
programs.

The main highlights of our last year's improve-
ments reflect the total unified efforts of you, the Fire
Commissioners, the Board of Supervisors, and the unified
support of our City Councils. This, with the total support
of our Chief Officers, Fire Suppression Officers, and our
total personnel, has illustrated the sincere community ef-
fort given by all.

A. V. Streuli
Fire Chief

CONTRA COSTA COUNTY CONSOLIDATED FIRE DISTRICT

COMMISSION

Appointed December 29, 1964

DANIEL S. BOATWRIGHT, Chairman

LEO F. SMARSH, Vice Chairman

LAWRENCE M. BOEHMER

HAROLD E. WILDES

ROBERT I. SCHRODER

DATE FORMED . . December 29, 1964

AREA (SQ. ML) 101



POPULATION 150,000

ASSESSED

VALUATION \$ 250,000,000

**CITY OF
WALNUT CREEK**

REPRESENTED BY
ROBERT I. SCHRODER

CITY COUNCIL

MAYOR
ROBERT I. SCHRODER
NEWELL CASE
DOUGLAS PAGE
FRANK DRISCOLL
FRED SANDERS

POPULATION 23,368

ASSESSED VALUATION
\$ 57,905,630.00

**CITY OF
CONCORD**

REPRESENTED BY
DANIEL S. BOATWRIGHT

CITY COUNCIL

MAYOR
NORMAN KESTNER
BRYAN SHARY
GEORGE KRUEGER
WARREN BOGGESS
ROSALIE SHER

POPULATION 72,000

ASSESSED VALUATION
\$ 91,297,790.00

**CITY OF
PLEASANT HILL**

REPRESENTED BY
LEO F. SMARSH

CITY COUNCIL

MAYOR
BEN HARTINGER
LENARD GROTE
JAMES MAGUIRE
MARTIN McLAREN
FRANK SALFINGERE

POPULATION 27,000

ASSESSED VALUATION
\$ 28,585,690.00

**CITY OF
CLAYTON**

REPRESENTED BY
LAWRENCE M. BOEHMER

CITY COUNCIL

MAYOR
ROBERT HOYER
GEORGE ABBOTT
DR. DAVID COOK
ALVIN LIMING
HENRY WAGNER

POPULATION 1,023

ASSESSED VALUATION
\$ 1,428,180.00

**CONTRA COSTA COUNTY
FIRE DISTRICT**

REPRESENTED BY
HAROLD E. WILDES

UNINCORPORATED AREA

POPULATION 26,609

ASSESSED VALUATION
\$ 70,782,710.00

**TOTAL
POPULATION:**

150,000

**TOTAL
ASSESSED
VALUATION**

\$ 250,000,000

1965 ANNUAL REPORT

In the field of fire prevention, the Contra Costa County Consolidated Fire District has experienced a successful year. As the cities and County areas served by our Department have grown and expanded, so has the Fire Prevention Bureau and Fire Prevention activities of the Department grown to meet the demands of these expanding areas. The purpose of Fire Prevention is to reduce the major factors that contribute to the occurrence and spread of fire. Fire Prevention is the primary mission of the modern fire department today. The Consolidated Fire Department personnel are being trained and utilized to this end.

The Fire Prevention Bureau co-ordinates the Fire Prevention programs for the Department with its members serving as specialists. The Bureau activities are many: inspections; plan review; fire investigations; fire safety education and training programs; technical research; consultation; reports and records; enforcement of codes; issuance of permits for the handling of hazardous chemicals, explosives and flammable liquids; inspections of the installation and maintenance of fire protection equipment; weed abatement and complaint investigation.

As in any organization, Fire Prevention activities and the Fire Prevention Bureau can only be as successful as the personnel assigned to it; and then only through the total support and efforts of all Fire Department personnel. Through the combined efforts and dedication of the personnel, our Department has experienced this most successful year in Fire Prevention programing and activities.

INSPECTIONS

Inspections requiring technical knowledge or skills are conducted by members of the Fire Prevention Bureau. Inspection work is the backbone of a good Fire Prevention program.

Total inspections - all occupancies	2,173
Fire Prevention Bureau Inspections	1,691
Fire Company inspections	482
Occupancy inspections:	
Day Care Nurseries	59

B.H.A. and Children	118
Hospital and Convalescent	130
Public Assemblage	119
Schools	73
Dry Cleaning	61
Churches	30
Hotel and Apartment Houses	75
Manufacturing	31
Wholesale and Retail	381
Office Occupancies	55
Repair and Body Shops	39
Service Stations	55
Flammable Liquids	53
Bldgs. under Construction	145
New Buildings	35

Total number of correspondence and reports 988

Total number of complaint investigations 529

The issuance of permits is a most effective method of controlling various hazards:

Total number of special permits issued 162

COMPANY INSPECTIONS

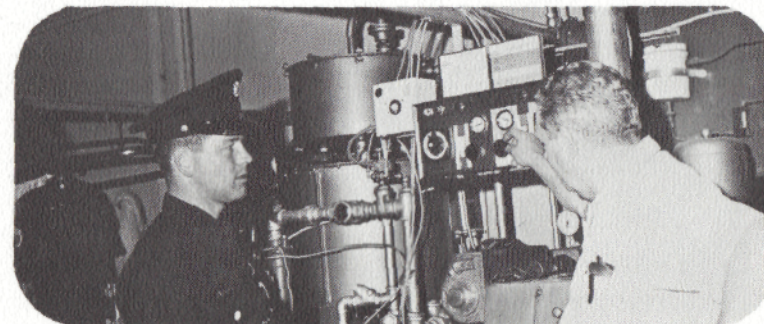
The company inspection program has a dual purpose. One is to provide each member of the Fire Department a working knowledge of the conditions bearing on the fighting of fires in their territory. The second and perhaps the most important value of inspection work by firemen is in connection with Fire Prevention and the life and property hazard of occupants.

Total number of inspections-all stations . . . 482

Total number of recommendations

- all stations 582

Total number of hours - all stations 990



PLAN REVIEW

Most structural plans in our District other than those of one and two-family dwellings are reviewed by a member of the Fire Prevention Bureau for compliance with fire and panic safety regulations. Architects, engineers and contractors are advised on the laws and regulations governing fire and panic safety and fire protection equipment in the design and construction of buildings.

Total number of plan checks by Bureau . . . 255

Total number of man-hours for plan checks 818

FIRE INVESTIGATIONS

During 1965 the Bureau investigated a total of 153 fires. These included all fires of incendiary origin and fires whose cause could not be determined by the fire companies.

Total number of Incendiary fires 36

Total number of Arson 28

Other 89

Total 153

Total number of hours for fire investigation 586

Fire Deaths

Children 1

Adults 3

Total 4

Total number of Juvenile reports 80

Total number of investigations and reports . . . 233

FIRE SAFETY EDUCATION & TRAINING PROGRAMS

An important activity of the Fire Prevention Bureau and Department is making the public aware of the dangers of fire, how they may be avoided and what to do in case of a fire. The groups reached through various organized programs include service clubs, youth organizations, school students, parent-teacher associations, hospitals, and convalescent and aged homes. Members of our Department utilizing motion pictures, table top demonstrations, slides and lectures gave a total of 202 fire safety lectures talking to 12,783 individuals, distributing 12,820 handouts and using 1,238 man hours.



SCHOOL PROGRAMS

There are three programs given to 5th grade students a year. Fire safety pamphlets and literature are handed out five times a year.

Total number programs 120

Total number handouts 9,774

Total number manhours 900

Total number students 9,774

Summer Schools

Total number programs 5

Total number students 356

Total number manhours 12

Fire Safety Programs given to service clubs, youth organizations, parent-teacher associations and all other groups.

Total programs given 62

Total individuals reached 2,554

Total number handouts 858

Fire Safety Programs for hospitals, convalescent hospitals, and B.H.A.'s. Program includes lectures and training of personnel in these facilities in fire prevention practices.

Total programs 15

Total individuals trained 455

Total man-hours include
research and organizing 176

FIRE PREVENTION WEEK

Summary of activities during Fire Prevention Week for our Department:

Newspapers and radio stations carrying press releases

Window displays in stores

Fire Prevention posters located throughout

District 600

Fire Safety Programs given to Schools

School handouts promoting 1st Annual

Fire Service Day 40,000

Fire Prevention Week was concluded by a Fire Service Day attended by 4,500 people. The total Departmental effort made this year's Fire Prevention Week the success that it was.

FIRE & SAFETY SEMINAR

A fire safety seminar was held for the Mt. Diablo School District custodial and maintenance personnel. The seminar included Fire Prevention demonstrations, lectures, movies and field demonstrations.

Total people in attendance 350

Organizing program hours. 48

Fire safety exhibit booths were presented at the Pleasant Hill and Walnut Creek Festivals. Theme of booths were "Home Fire Safety". Over 7,500 fire safety pamphlets were distributed to citizens.

WEED ABATEMENT PROGRAM

The weed abatement program was another team effort by our Department. The program was co-ordinated through the Fire Prevention Bureau with the personnel in the fire companies participating in the inspections and posting of properties.

Number of individual properties inspected 7,862

Number of notices mailed to property owners. 4,164

Number of properties posted for abatement 2,575

Number of properties abated by owners 2,036

Number of properties abated by District 476

Time expended by the District on this program:

Engine companies 2,019

Bureau personnel. 1,010

Total manhours 3,029

MEMBERSHIP

Bureau personnel held membership in the following organizations:

California Fire Chiefs, Northern Fire Prevention Division

National Fire Protection Association

Contra Costa County Fire Inspectors Association

California Conference of Arson Investigators

Fire Marshal Association of North America



REPRESENTATION AT MEETINGS

The Fire Prevention Bureau was represented at the following meetings:

Flammable Liquids Committee

Pacific Rating Bureau

Fire Protection for flue vents, Restaurant

Northern California Hospital Association Meeting

Boarding Home for the Aged Committee

Home Fire Alarm Committee

Bay Area Rapid Transit

Codes Committee

California Building Officials Conference

Convalescent and Hospital Committee Meetings

FURTHER EDUCATION

To further their education in the field of Fire Protection, the following courses, seminars and conferences were attended by the staff of the Fire Prevention Bureau:

- 1 California Arson Investigators
Conference Los Angeles
 - 1 Safety School Seminar. Berkeley
 - 2 Fire Prevention Seminar Davis
 - 1 National Fire Protection Conference
on Fire Los Angeles
 - 2 Calif. Administrative Code Title
#19 Workshop Livermore
 - 1 Attended Course on Uniform
Building Codes San Leandro
 - 1 University of Calif. Extension
Building Codes San Leandro
- Courses attended off duty:
- 3 Codes and Ordinances. Chabot College
Fire Fighting Tactics and
Strategy. Merritt College
 - 2 Hazard Material Chabot College
 - 1 Uniform Building Codes Fairfield
 - 2 Speech - 120. Diablo Valley College

SPECIAL ACTIVITIES

- Buchanan Field Survey. 72 Hours
Planning Fire Protection for several
Shopping Centers. 200 Hours
Report on Public Fireworks Display 60 Hours
Company Inspection Program. 337 Hours
Fire Protection Rossmoor Development 65 Hours

FIRE PREVENTION BUREAU PERSONNEL

Fire Marshal	Gerald Duarte
Fire Inspectors	C. S. McMorran
	Walter Davenport
	Herman Walden
	Mike Lippman
Clerical	Cynthia Slichter



CONCLUSION

Nothing can be done about the lives and properties that have been destroyed by fire in 1965, but we can apply the lessons learned from these tragedies to prevent similar occurrences. Although much progress has been made, there is a great deal more to be done in the fire prevention and protection field. The fact that is most disturbing is that these fires could have been prevented through basic fire prevention practices.

PERSONNEL DIRECTORY

CHIEF

Albert V. Streuli

ASSISTANT CHIEF

Albert C. Trette Fred L. Golinveaux Richard D. Starr

MARSHAL

Gerald D. Duarte

INSPECTORS

Clayton S. McMorran Herman M. Walden
Martin Lippman

SECRETARIAL STAFF

Alice E. Schilz Cynthia-Ann Slichter

CAPTAINS

Caperton, Fred B.	Mulcahy, John M.
Clark, Chester A.	McManus, William C.
Dalton, Ronald L.	Orr, James E.
De la Montanya, Herb W.	Pedretti, William L.
Gruessing, Clarence W.	Riegelsberger, Robert F.
Haines, James R.	Robertson, George W.
Hartsock, Glen W.	Rose, Harry D.
Hill, John W.	Sandmann, Ronald W.
Ink, Elmer L.	Shisler, William O.
Irby, Michael M. B.	Skinner, Don M.
Judkins, Kenneth L.	Stubblefield, Harry L.
Lowrance, James M.	Sullivan, Richard G.
Lynch, Bernard E.	Walden, Frank H.
Machado, Joseph L.	Walden, George A.
Walker, William C.	

ENGINEERS

Andrew, Lester F.	Littlejohn, Virgil L.
Arens, Melvin P.	Montague, Warren F.
Babcock, Eugene R.	McCotter, Orten G.
Billings, William E.	Parisi, Salvatore P.
Bottom, George A.	Reynolds, Franklin L.
Brown, Jackson W.	Shively, Donald J.

Clary, John O.
Collins, Marlin A.
Coulter, Wallace J.
Gruessing, Marlin G.
Kenney, Cyril M.

Soper, Reid L.
Spomer, Zane T.
Stanton, Leo J.
Vittitow, Billie R.
Weaver, Vaughn F.

FIREMEN

Anderson, Houston J.
Aten, Forrest A.
Bascou, Albert A.
Berg, Robert W.
Best, Bennie T.
Brennan, William T.
Brown, Richard D.
Burke, John D.
Busch, Kenneth W.
Casey, Jerome T.
Chryssikos, Lewis J.
Collier, Neil M.
Compton, Don E.
Cooper, John E.
Cox, John E.
Crofford, Harold B.
Cullen, Robert W.
Delgado, Alfred G. Jr.
Duncan, Earl T.
Ebert, John N.
Ellison, Steven D.
Fender, Gerald V.
Friese, James L.
Fuerst, Robert E.
Gaffney, Charles M.
Garren, Richard M.
Gray, William A.
Greelman, William G.
Hall, William A.
Harguth, Darrell W.
Harris, Kenneth L.
Helstrom, Lawrence T.
Hetrick, Ronald L.
High, Royce R.
Jackson, Gerald R.
Jenkins, Le Roy

Kovach, Michael J.
Kuidis, Edward B.
Lane, William G.
Lawrence, Dennis F.
Lewis, Billy J.
Lindsay, James D.
Littorno, Andrew
Lyle, Hugh A.
Mangini, Robert G.
Martinez, Charles
Maxfield, William R.
Mealley, James P.
Mulgrew, John F.
Massolo, Charles G.
Nicholas, Barney A.
Nielsen, Henry R.
Olds, Rockne, B.
O'Sullivan, Philip D.
Ortland, Ralph H.
Paulick, Stephen P.
Paulson, Vernon D.
Peebles, Larry D.
Peterson, Otto L.
Rackwitz, Art J.
Read, Laurence C.
Reshatoff, Jack F.
Ross, Robert D.
Santos, Albert E.
Scrimiger, Robert E.
Sherman, Dean L.
Silva, Andrew D.
Slusher, Jesse T.
Sterling, Carl E.
Sublette, Bruce A.
Taylor, William B.
Walker, Ronald M.

Johnson, Frank L.	Welch, Dale W.
Jones, Cyril H.	Westrup, John A.
Kelley, John A.	Wight, Stuart V.
Killian, Edward F.	Wilder, William W.
King, John D.	Wilson, Jack S.
King, Robert J.	Winkelman, Raymond H.
Kingham, Bruce A.	Woodman, Harold D.
	Wright, Benton R.

DISPATCHERS

Wayland Dawson	Arnold Milhollan
----------------	------------------

NEW PERSONNEL — 1965

The following personnel entered our service during the year 1965:

DATE	PERSONNEL
3- 1-65	Gerald W. Fender Robert G. Mangini John R. Cooper Jack S. Reshatoff Dennis F. Lawrence Bruce A. Kingham
3-17-65	Alice E. Schilz
7- 1-65	Frank L. Johnson Cyril H. Jones
11- 9-65	Charles G. Massolo
12- 1-65	Lawrence T. Hellstrom

PERSONNEL ADVANCEMENTS — 1965

The following personnel were advanced in rank during the year 1965:

DATE	EMPLOYEE	RANK
6- 1-65	Harry L. Stubblefield	Captain
6- 1-65	Kenneth L. Judkins	Captain
7-15-65	Fred L. Golinveaux	Prov. Asst. Chief
7-15-65	Richard D. Starr	Prov. Asst. Chief
9- 1-65	Martin Lippman	Inspector

RETIREMENTS IN 1965

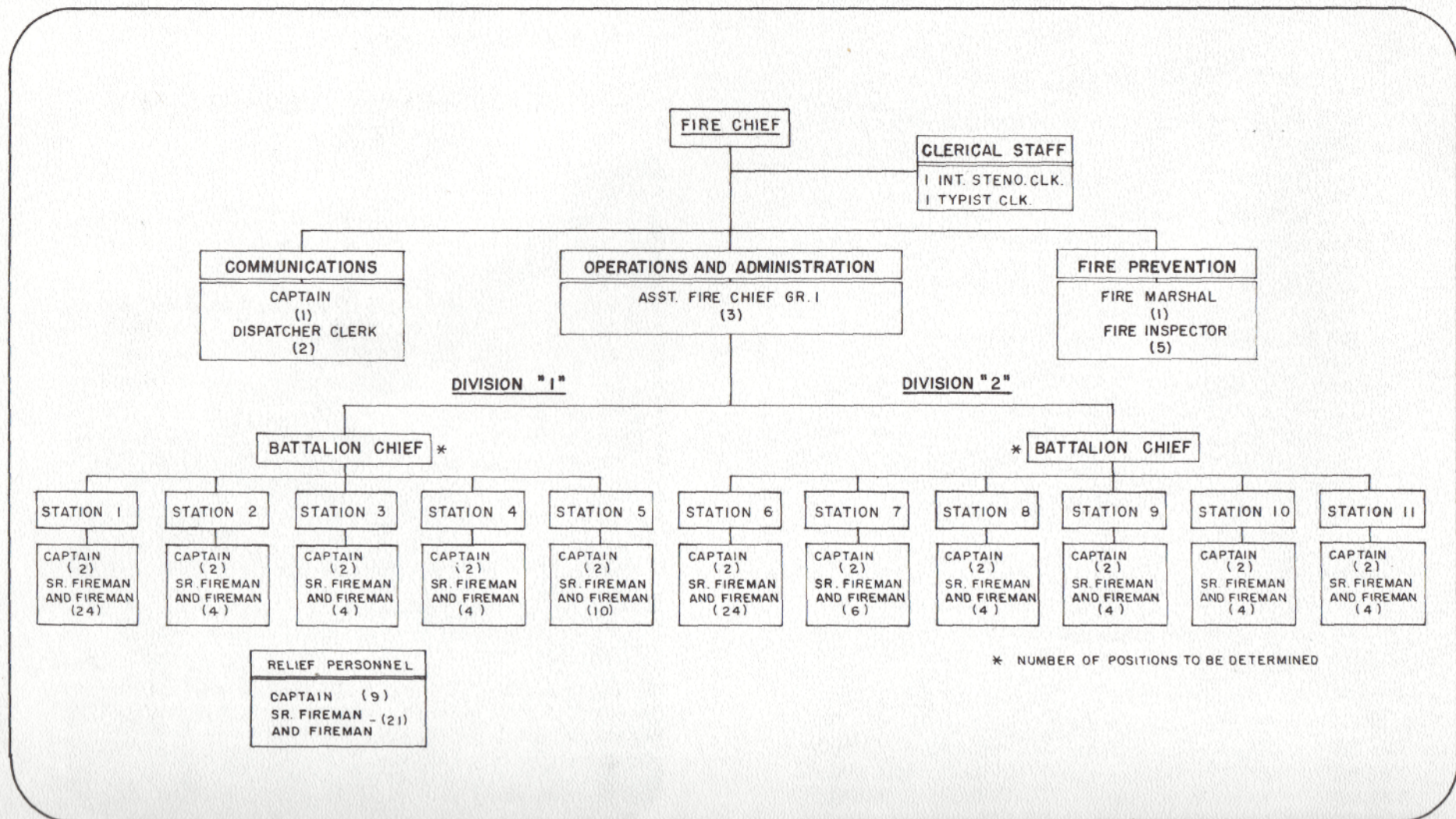
Assistant Chief	- Schuldt, Sigmund P.	June 8, 1965
Fireman	- Delaney, William E.	July 30, 1965
Assistant Chief	- Schuldt, Sigmund P.	June 8, 1965
	Service-connected Disability Retirement	
Fireman	- Delaney, William E.	July 30, 1965
	Non-connected-service Disability Retirement	
Chief	- Mangini, Raymond A.	Sept. 30, 1965
	Retirement	



CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

ORGANIZATION CHART

FEBRUARY 1966



ANALYSIS OF PERSONNEL INJURIES 1965

TYPE OF INJURY	MINOR INJURY	STATE COMP.	TOTAL
Ankle	5	1	6
Arm	5	1	6
Back	7	7	14
Burns	4	0	4
Chlorine Gas	7	1	8
Eye	3	5	8
Face	1	0	1
Hand	15	9	24
Head	3	3	6
Heat Prostration	1	0	1
Hernia	0	1	1
Hip	1	0	1
Hornet Sting	3	0	3
Knee	10	4	14
Leg	3	2	5
Nail in Foot	0	2	2
Neck	1	4	5
Pain in Chest	4	0	4
Shoulder	2	4	6
Smoke Inhalation	5	1	6

1965 WORKING LIST

404	Rescue and Resuscitator Calls
529	Public Service Calls
77	Public Utility Calls
862	Grass and Rubbish Fires
383	Motor Vehicle Fires
248	False Alarms
891	Structure Fires
30	Mutual Aid Calls
<u>3,424</u>	Total Calls

	DISTRICT	STATION
Average Calls Per Month	285.33	25.94
Average Calls Per Week	71.33	6.48
Average Calls Per Day	10.195	.93

FIRE LOSSES

Concord	\$ 216,911.00
Walnut Creek	243,069.88
Pleasant Hill	306,468.72
Clayton	600.00
Unincorporated Area	212,955.00
Total	<u>\$ 980,004.60</u>

Fire Loss Averages:

Per Fire	\$ 286.21
Per Structure Fire	\$ 1,099.88
Per Month	\$ 81,667.05

ANNUAL REPORT OF TRAINING FOR 1965

INTRODUCTION:

A formal Training Program and a 3 year Development Plan have been completed. Training in this District shall be based on these plans.

The information presented in this report is based on activities that have been recorded since my assumption of the position of Training Officer.

PRESENTATION:

Recruit Training: A committee of captains has been assigned and is currently working on a formal 18 month Recruit Training Program.

Company Training: Monthly training assignments were started on Oct. 27, 1965. Drills are assigned 7 days per week. Objective is to maintain the abilities of companies to operate as a team.

Total sessions	655
Total manhours	3,435

Officer Training: Sessions were held on both a battalion and district level on an on-shift basis. Subject material is oriented toward implementing new programs (Training and Company Inspections).

Total sessions	24
Total manhours	441

D.V.C. Fire Training: Attendance to these classes has increased due to the recognition by personnel that off duty education has a strong bearing on promotional opportunity.

Number of courses attended 5
 Number of enrollments (completed) 116

Schools and Educational Meetings: Fire Prevention personnel are excluded from this report since they are presenting their own report.

Fresno Training Officer's workshop . . . 2 members
 Governor's Safety Conference 6 members

R. D. Starr, Assistant Chief-Training Officer

RESERVE FIREMEN

The Volunteer Firemen or Call-man of the WEST PITTSBURG area, were reorganized under the title of: "RESERVE FIREMEN".

Each Reserve was issued standard safety equipment consisting of: Turn-out coat and pants, Helmet, Gloves, Spanner wrench; and flashlight.

A continuing Training Program was started in September. Weekly, two hour Drills are being conducted by Personnel of #7 Engine House in West Pittsburg.

Total number of Reserves on roll 8
 Total responses (times called) 167
 Average number of men responding
 per call 3-1/2
 Total training drills 13
 Average attendance per drill 4

Capt. R. W. Sandmann

FIREMANSHIP MERIT BADGE CLASSES

151 Boy Scouts completed classes and received Merit Badges
 33 Man hours of class room work
 90 Man hours of preliminary class work and grading

EQUIPMENT MAINTENANCE RECORD

MONTH	TOTAL HOURS
January	370
February	37
March	11
April	75
May	0
June	209
July	0
August	30
September	16
October	97
November	20
December	97
Total	962

OTHER

Lubrication of Equipment	80
Total Preventative Maintenance	<u>1,500</u>
Total Hours Maintenance and Repair of Equipment	2,542

HOSE TESTING

Listed is the total amount of hose tested 1965 to maintain the standards set by the Board of Fire Underwriters.

3/4" hose tested at 600 lbs. pressure. . 6,200 feet
 2-1/2" hose tested at 250 lbs. pressure. . 25,000 feet
 1-1/2" hose tested at 250 lbs. pressure. . 11,800 feet

Following is the list of nozzles overhauled and replaced necessary parts and "O" rings:

17 - 3/4" nozzles
 11 - 1-1/2" nozzles
 5 - 2-1/2" nozzles
 6 - Shutoff's
 Repaired two wye's

1965 WORKING LISTS BREAKDOWN

RESCUE and RESUSCITATOR SQUAD 404

CAUSES

Resuscitator Calls . . .	331	Electrocutions	0
Rescue Calls.	73	Convulsions & Choking.	40
Adult Cases	314	Sleeping Pills	7
Juvenile Cases	90	Toxic Gas	3
Suicides	8	Auto Accidents	37
Heart & Strokes . . .	136	Extrication	9
Drownings.	12	Miscellaneous	84
Fainting Spells	20	Unknown	56

PUBLIC SERVICE CALL 529

Animal Rescue	15	Fire Prevention Standby	12
Snakes	3	Fire Prevention Checks	75
Lock-outs	53	Complaints	75
Floodings	33	Assist the Sick or Injured.	22
Hydrants or Mains—Broken or Leaking	30	Miscellaneous Assistance . . .	145
Washdowns.	66		

UTILITY EQUIPMENT 77

Broken Gas Mains and Pipe Lines	17	Electrical Wires Down	43
Other	2	Telephone Pole Fire.	3
		Electric Wire Shorted	12

OUTSIDE DISTRICT RESPONSES 30

	Station Stand By	Fire Suppression Ass't
Martinez.	1	0
Port Chicago	1	1
Danville	1	1
Tidewater	0	1
Lafayette.	6	10
Eastern.	2	0
Mt. View.	1	2
Pitts.	0	1
Navy.	0	2

GRASS FIRES and RUBBISH FIRES 862

TYPE

Grass.	682	Roadside	26
Rubbish	159	Miscellaneous	21

CAUSES

Incinerators.	66	Burning with Permit.	58
Fireworks	1	Juveniles	184
Welding	7	Ashes & Sparks . . .	18
Arson.	14	Smoking & Cig. . . .	41
Burning Violation . .	55	Fires that Rekindle .	21
Miscellaneous.	60	Farm Equip. & Flare Pots	6
Unknown	323	Unlisted	8

FIRES IN MOTOR VEHICLES 383

TYPES OF VEHICLES

Autos.	310	Motor Bikes (all) . . .	9
Trucks	47	Other Equipment. . .	17

CAUSES

Electrical Shorts . . .	40	Gas Spills	38
Collisions	28	Overheated Brakes . .	10
Smoking.	38	Miscellaneous	73
Backfire	102	Unknown	54

FALSE ALARMS 248

METHOD RECEIVED

Box Alarm	83	Bomb Scare.	11
Telephone Alarm. . .	150	Believed to be Fire. .	81
Radio Alarm	10	Malfuction of Equipment.	11
Direct.	5	Unknown	88
Juveniles.	57		

FIRES IN BUILDINGS 891

Residential.	623	Defective Electrical Wiring	79
Public Assembly . . .	47	Arson	13
Mercantile.	136	Electric Lights	13
Manufacturing	4	Fluorescent Lights. .	17
Storage.	23	Dryers	50
Public Utility (bldgs., plants, etc.)	6	Washers.	19
Miscellaneous.	52	T. V. Sets	10
Incinerator	13	Heaters (Elec.)	22
Ashes & Sparks. . . .	19	Heaters (Gas)	60
Children with Matches	68	Welding	7
Flammable Liquids . .	21	Electric Motors. . . .	33
Stoves & Cooking . .	118	Misc. Appliance . . .	32
Smoking.	46	Fireplace	24
Fireworks	0	Miscellaneous	68
		Unknown	156

REPORT - BREAKDOWN

Fire Loss Per Month Year	2,222,222.22
Concord.	\$216,911.00
Clayton	\$ 600.00
District	\$212,955.00
Walnut Creek.	\$243,069.88
Pleasant Hill	\$306,468.72
Number of feet, 3/4" hose used	118,012
Number of feet, 1-1/2" hose used.	22,600
Number of feet, 2-1/2" hose used.	37,425
Total Pump Time	645 Hrs.
Total Miles Traveled	16,183 Miles
Total Engine Time.	2,431 Hrs.
Total Gasoline Used.	8,902 Gallons
Number of Fill-in at Sta.	246
Fire Permits Issued	9,778