

TO: CITY MANAGER 2000 January 24

FROM: ACTING FIRE CHIEF

SUBJECT: FIRE DEPARTMENT FOURTH QUARTER REPORT 1999

PURPOSE: TO PROVIDE COUNCIL WITH INFORMATION RELATING TO THE
FIRE DEPARTMENT'S ACTIVITIES FOR THE FOURTH QUARTER OF 1999

RECOMMENDATION:

- 1. THAT this report be received for information purposes.

REPORT

This Department responded to 2,598 incidents during the fourth quarter of 1999.

- Fires

Forty-seven fires resulting in an estimated loss of \$592,230 were due to the following act or omission:

22	Arson or set	\$134,138
2	Misuse of Source of Ignition	1,500
11	Mechanical, electrical failure, malfunction	110,592
4	Construction, design or installation deficiency	278,500
3	Human failing	50,300
5	Miscellaneous	17,200

Of the 22 "arson or set" fires, 14 involved vehicles for an estimated loss \$80,888.00.

Thirteen fires which occurred during the fourth quarter are still under investigation.

- Training Division

Throughout this quarter the Training Division has been busy with the regular training drill rotation. Along with the regular training, specialized training has been conducted in:

- 1. The Junior Officer Course: An intensive two week course for ten senior firefighters that included live fire/incident command scenarios, Fire Service Instructor 1 course, Restricted Radio Operator course, computer training and many other topics that pertain to a fire service officer's job.
- 2. Technical Rescue: An intensive eight week course to train eight firefighters on Technical Rescue Operations - Level 1.

3. First Responder Recertifications: Completion of four recertification courses, 24 licence renewals.
4. Occupational First Aid: Completion of the recertifications for the four OFA instructors that teach OFA Level 3 and OFA Level 1 courses to firefighters and city personnel.
5. Rapid Intervention Teams: A lecture series that covered Burnaby Fire Department procedures put in place to conform to W.C.B. regulations.
6. Incident Command: A lecture series covering the Burnaby Fire Department Incident Command procedures along with video and training ground drills that highlighted the Incident Command System.
7. Pumping from Draft: Training sessions at the Chevron Refinery (no B.F.D. facility) involving all operational personnel. Pumping from draft is a skill that would be essential should the water supply system fail.
8. New Equipment & Technology: Special training sessions for the new S.C.B.A. voice amplifiers and the Apollo high volume monitors.
9. Harassment in the Workplace: A lecture series conducted by Human Resources to the operational personnel.
10. Substance Abuse: A lecture series hosted by Human Resources for managers and some union personnel.

The Training Division's involvement in the I.C.B.C. review of Commercial Drivers Licence Program continued throughout the quarter. The Training Officers were involved in numerous meetings with other agencies and with the committees they chair.

- Fire Prevention Division

The fourth quarter is always very busy for the Fire Prevention Division. October 04-08 was Fire Prevention Week and all staff assisted the Public Education Officer with displays and information booth set-ups at the major malls.

The Captain from North and South Burnaby and Fire Investigation assisted the Training Office by giving lectures on Company Inspections, Sprinkler Systems, Elevators and Fire Investigation at the Burnaby Fire Department Officers' Course.

In October, seven Inspectors attended a seminar titled "Life Safety Systems Testing and Maintenance". The seminar was sponsored by the Continuing Education for Engineering & Architecture Faculty of Applied Science at the University of British Columbia. The seminar covers the specific Building & Fire Code requirements, and the liability aspects applicable to all buildings in conformance with the B.C. Fire Code Regulations. Two Inspectors also attended a sprinkler course at UBC titled "Water Based Fire Suppression 1".

On December 01, seven Members participated in a one day seminar titled "Fire Safety in the Fire Investigation Field".

- Public Education Office

The Public Education Office has been extremely busy this past quarter. With the assistance of the Fire Prevention Office, Fire Prevention Week was a tremendous success. Extinguisher training, Fire & Safety seminars with local business, the annual Magic Show, Safety Fairs for the Seniors, Girl Guides and other groups were all priorities.

In addition to the service calls, program development has had an opportunity to evolve. A Fire Station Tour program and Preschool Program are now established and functioning. Sparky the Fire Dog and Puppet and a Display Board were a few of the major purchases to help deliver the fire and safety messages. Station tour safety boards and other visual material were designed and developed by this office as well.

The request for our participation in the city for community events is expanding at an overwhelming rate. Many projects have been successfully completed with the assistance of a department member on light duty.

- Firefighter Injuries

"No" time loss:

Exposure to communicable disease/body fluids	22
Exposure to Smoke/Hazardous Materials	9
Minor burns, lacerations, contusions, sprains, strains	9

Time loss - 63 shifts:

Heart Attack	24
Strain, sprain injuries	23
Back injuries	16

Continuation of an occupational injury (pulmonary dysfunction) accounted for a time loss of 44 shifts.

Citizen Injuries

Two adult males were injured in separate fires. One suffered smoke inhalation, the other suffered burns to his right hand.

Additional statistical information relating to this Department's activities for the fourth quarter of 1999 is attached to this report.



A.D. (AI) EICHLER
Acting Fire Chief

ADE:po
attach.

cc: Councillor N. Volkow

BURNABY FIRE DEPARTMENT
1999 4th QUARTERLY REPORT (October, November, December)

	4th Quarter		Cumulative	
	1999	1998	1999	1998
INCIDENTS				
Building	119	134	441	478
Vehicle	56	60	194	225
False Alarm	35	41	189	179
Public Service	145	225	585	650
Rescue & Safety	1,709	1,628	5,130	6,295
Accidental	252	440	1,502	1,611
Other (Rubbish, Needless, etc.)	282	192	806	838
TOTAL	2,598	2,720	8,847	10,276
FIRES	47	83	174	289
ESTIMATED LOSS	592,230	584,302	1,781,292	8,609,565
FIRE PREVENTION DIVISION				
Inspections	691	1,619	9,731	9,177
Orders Issued	114	187	971	458
Fire Investigations	39	120	411	461
Assist Fire Investigation	2	2	43	19
OPERATIONAL DIVISION				
Inspections	21	97	1,281	870
Orders Issued	1	12	197	133
INJURIES				
<i>Firefighters "NO" Time Loss</i>				
Smoke/Hazardous Materials:				
-Inhalation or Exposure	9	5	25	29
-In Vicinity of	0	0	7	2
Communicable Disease/Body Fluids:				
-Exposure or Contact	22	4	26	18
-Other	9	15	9	41
<i>Firefighters-Time Loss</i>				
Smoke/Hazardous Materials:				
-Inhalation or Exposure	0	0	0	0
-In Vicinity of	0	0	0	0
Communicable Disease/Body Fluids:				
-Exposure or Contact	0	0	0	0
-Other	3	3	5	8
INJURIES	Citizens	2	2	11
DEATHS	Citizens	0	0	1

