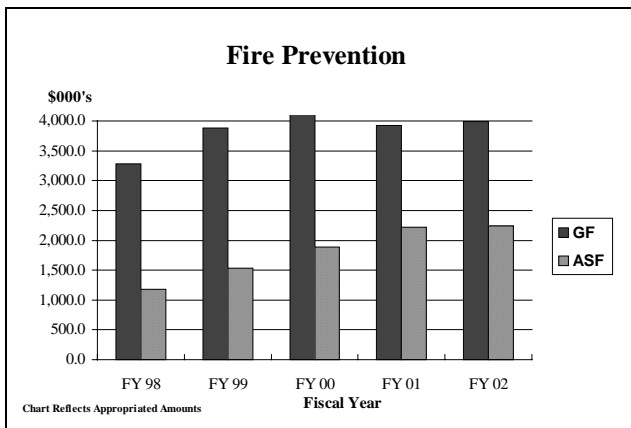
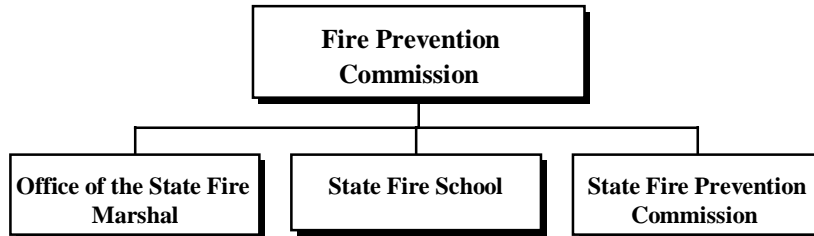


# FIRE PREVENTION COMMISSION

## 75-00-00



- ◆ Recommend for the Fire Prevention Commission \$10.0 ASF to allow Commission to receive revenue generated from Governors Fire Safety Conference registrations.

### CAPITAL BUDGET:

- ◆ Recommend \$15.0 for rescue tool replacement.

### BUDGET

	FY 2000 ACTUAL	FY 2001 Budget	FY 2002 GOV. REC.
GF	4,351.1	3,920.4	3,991.6
ASF	1,889.7	2,214.5	2,242.2
<b>TOTAL</b>	<b>6,240.8</b>	<b>6,134.9</b>	<b>6,233.8</b>

### POSITIONS

	FY 2000 ACTUAL	FY 2001 BUDGET	FY 2002 GOV. REC.
GF	41.8	41.8	41.8
ASF	28.2	28.2	28.2
NSF	--	--	--
<b>TOTAL</b>	<b>70.0</b>	<b>70.0</b>	<b>70.0</b>

## FY 2002 BUDGET HIGHLIGHTS

### OPERATING BUDGET:

- ◆ Recommend for the Office of the Fire Marshal one-time funding in the Budget Office's Development Fund for 10 field units of pen based technology.
- ◆ Recommend for the State Fire School \$25.0 in Contractual Services to provide basic EMT training for new volunteers.

# FIRE PREVENTION COMMISSION

75-00-00

## OFFICE OF THE STATE FIRE MARSHAL 75-01-01

### MISSION

To provide the citizens of this State and all who visit, a fire safe environment, be it in the home, the workplace or wherever they pursue their varied lifestyles or interests.

### KEY OBJECTIVES

- To eliminate the loss of life and to reduce injuries from the threat of fire by:
  - Suppressing arson.
  - Investigating all fire incidents to make an accurate determination of cause.
  - Providing thorough and complete supporting documentation of the investigative process.
  - Pursuing, apprehending and convicting those responsible for arson incidents.
  - Providing victim assistance in the aftermath.
  - Disseminating findings to increase public awareness in fire and life safety issues.
- To maintain the highest levels of life safety in educational, health care, places of assembly, business, mercantile and institutional occupancies by:
  - Providing consistent, thorough and accurate compliance inspections and life safety surveys.
  - Attaining compliance with the State Fire Prevention Regulations through educational endeavors; carrying out inspection and survey programs, which identify hazards to life safety and property conservation; and providing technical assistance to achieve corrective action.
  - Disseminating findings to increase public awareness in fire and life safety issues.
  - Responding to the needs and inquiries of the citizens of the State by taking action on their complaints and inquiries within 48 hours of being received.
- To provide the highest levels of timely and quality service in the Plan Review and Approval Program, the Fire Protection Systems Certification and Licensing Program and the Quality Assurance Program for Fire Protection Systems by:

- Providing complete, accurate and timely reviews of project submissions, with preliminary approvals being sent out within 72 hours of receiving the submission and completion of the full review process within 15 days of receiving the complete submission.
- Providing assistance to clients that will enable them to understand the technical requirements of the State Fire Prevention Regulations required to be included in their projects.
- Ensuring that required fire protection systems are tested, inspected or maintained to provide a reasonable assurance that the systems will operate as designed and intended when needed and only at those times.

### BACKGROUND AND ACCOMPLISHMENTS

The State Fire Marshal's Office functions as a sister agency to the State Fire School under the direction of the State Fire Prevention Commission which reports directly to the Governor.

The State Fire Marshal's Office is the lead statewide investigative and law enforcement agency charged with the investigation of fire incidents and the suppression of arson. The State Fire Prevention Regulations as promulgated by the State Fire Prevention Commission form the State Fire Code and are the basis for the life safety inspections and property conservation surveys carried out by the State Fire Marshal's Office. Such inspections and surveys impact practically all of the occupancies and buildings frequented by the public. Single family dwellings are exempted from the provisions of the State Fire Prevention Regulations.

The State Fire Marshal's Office provides regulatory control in the areas of explosives, fireworks, amusement rides, places of assembly, health care facility certification and a variety of hazards such as flammable liquids and LP-gases.

The Technical Services Division of the Fire Marshal's Office provides a review and approval process for plans for all new construction, alterations and renovations for all buildings. Such an approval is required to be in place prior to the building departments in the counties issuing a building permit. Certification and licensing for fire alarm system vendors and contractors provides a mechanism to ensure a level of quality control in the design, installation and operation of required fire protection systems.

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Total quality of service to the citizens of Delaware is the lead to any operational aspect of the State Fire Marshal's Office, with action required to be taken on any contact from the public or a Fire Chief within 48 hours of being received. This level of service recognizes the importance of the specific need of an individual, when calling a state agency with a question, inquiry or a problem.

In recent fiscal years the following initiatives have been successfully completed or are in progress.

- With the signing of the Smoke Detector Law, in Fiscal Year 1994, an ongoing education campaign has been implemented to ensure that all residential occupancies have the basic minimum detectors that will enhance survival levels in a fire incident.
- In Fiscal Year 1999, the New Castle Division of the Delaware Fire Service Center was completed with facilities for the State Fire School and the State Fire Marshal.
- The Juvenile Firesetter Intervention Program established as a full-time program with the State Fire Marshal's Office provides services to children, adolescents and their families, where individuals play with matches, lighters, or cause fires, often from behavioral problems as well as curiosity. With the addition of the second full-time staff member to this program in Fiscal Year 1999, at the end of the first year of operation the backlog of cases was reduced from 45 to 9, a reduction of approximately 80 percent.
- The Quality Assurance Program for Fire Protection Systems has reduced the number of major deficiencies being reported with fire alarm and fire suppression systems from 942 in a nine-month reporting period in 1999, to 1614 for the same reporting period in 2000, an increase of approximately 71 percent. An initiative for the current fiscal year is the promulgation of a regulation which makes the licensed, fire protection systems contractors responsible for nuisance alarms which are transmitted as a result of their performing service work on the fire protection systems.
- A continuing initiative to provide smoke detectors to those families either in need or not aware of the benefits of having operational detectors in their homes.
- Implementation of the Major Incident Response Team (M.I.R.T) for all fatal fire incidents in the State, putting in place experienced investigators, who apply a consistent and thorough approach to the investigation of these often preventable, but tragic incidents. The information gathered from this

investigative discipline is used to enhance public fire safety education programs.

- Replacement of the Fire/Arson Investigation Unit, which provides needed resources and support at fatal fire scenes and major fire incidents.
- A reduction in the time between the submission of plans for a review and the approval, where a savings in time results in a savings in dollars. Preliminary approvals are given within 72 hours of submission of the plans, and full approvals are given within 15 days of a complete submission being made.
- Implementation of an educational funding program for the staff to enhance their capabilities from a technical and business view, which will result in an enhancement of service delivery to clients.
- The Gas Chromatograph-Multi Spectrometer laboratory instruments were placed in service in the State Forensic Laboratory with the cooperation of the Chief Medical Examiner. This initiative will permit the analysis of fire scene debris for all fire investigation and law enforcement agencies throughout Delaware, providing a vital link in the successful prosecution of criminal fires.
- The establishment of a Data Systems Manager position for the agency, to coordinate and enhance the data systems capability of the agency and the staff, which will bring about enhancements in data reporting and analysis, eliminating the time consuming and labor intensive manual efforts.

### BUDGET

	FY 2000 ACTUAL	FY 2001 BUDGET	FY 2002 GOV. REC.
GF	1,725.8	1,825.5	1,855.7
ASF	1,869.0	2,107.0	2,124.7
<b>TOTAL</b>	<b>3,594.8</b>	<b>3,932.5</b>	<b>3,980.4</b>

### POSITIONS

	FY 2000 ACTUAL	FY 2001 BUDGET	FY 2002 GOV. REC.
GF	22.8	22.8	22.8
ASF	28.2	28.2	28.2
NSF	--	--	--
<b>TOTAL</b>	<b>51.0</b>	<b>51.0</b>	<b>51.0</b>

### ACTIVITIES

- Prevent fires.
- Regulate safety in the storage, sale and use of any explosive, combustible or other dangerous article in solid, liquid or gas form.
- Ensure that the installation and maintenance of equipment intended for fire control, detection and extinguishment meets specification.

# FIRE PREVENTION COMMISSION

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- Determine the means and adequacy of exits, in case of fires, from buildings and all other places in which numbers of persons work, live or congregate from time to time for any purpose.
- Suppress arson.
- Assist the chief officer of any fire department upon request of the chief.
- Assist all required occupancies and the owners thereof in meeting compliance with the Smoke Detector Law.
- Assist the municipal Assistant State Fire Marshals, as identified in the Delaware Code in support of fire investigations and technical questions relative to the State Fire Prevention Regulations.
- Assist any local government that does not have a Fire Marshal or fire authority with code and regulatory problems stemming from local conditions and concerns.
- Enforce the State Fire Prevention Regulations.
- Analyze the need for additions or amendments to the State Fire Prevention Regulations. Prepare such information and recommend the appropriate action to the State Fire Prevention Commission.
- Conduct the Juvenile Firesetter Intervention Program.
- Conduct plan reviews and approval for all buildings and structures undergoing construction, alterations or renovations to ensure compliance with nationally recognized standards and practices relating to fire safety and property conservation.
- Enhance the level of public awareness regarding fire prevention and life safety by providing displays and informational materials at public events such as the Delaware State Fair, etc.
- Administer the Amusement Ride Safety Act, 16 Del. C. c. 64.
- Report, analyze and disseminate fire incident statistical data from the 60 fire departments in the State.
- Assist various segments of business and industry in their efforts in providing goods, services and buildings where the public gathers that are fire safe.
- Assist the owners of existing occupancies with compliance with the State of Delaware Smoke Detector Law.
- Identify specific target occupancies for inspections and surveys that develop more than a casual fire incident history or have special requirements with respect to life safety and property conservation.

## FIVE YEAR TOTALS FIRE INVESTIGATIONS

Criminal	1791
Accidental	2719
Pending	467
Total	4977

## ARRESTS

Persons Arrested	506
Charges Placed	878

- Incidents cleared by arrest 459 or 26 percent.
- The national average of cleared by arrest is below 20 percent.

## INSPECTIONS

Total Inspections	14773
Complaints	2986
Violations/Issued	6375

## PLAN REVIEW APPROVALS

Site Plans	2656
Building Plans	6922
Fire Protection	3831
On-Site Inspections	12875
Client Assistance Consultations	7061

## PERFORMANCE MEASURES

Achieve desired end results in the investigation of fire and arson incidents; identify cause and origin.

- In Fiscal Year 2000, of 1,057 fire investigations conducted, 451 were determined to be criminal in nature, 530 determined to be accidental and 76 are pending determination. Of the 1,057 investigations conducted, 62 percent or 657 were cleared by an arrest or a determination made as to cause and origin.

Achieve desired end results in the Code Enforcement and Regulatory Disciplines; violations identified, corrected within specific time parameters.

- In Fiscal Year 2000, 3,897 inspections were carried out with 1,440 violations of the State Fire Prevention Regulations noted. Of the 1,440 violation notices issued, 85 percent or 1,218 violations were corrected within specified time parameters, with the remaining 15 percent or 222 violations having had significant progress made to qualify for an extension of time for correction.

# FIRE PREVENTION COMMISSION

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Achieve the desired end results in the Plan Review and Approval Discipline.

- In Fiscal Year 2000, 3,500 plans for buildings, fire alarm systems and fire suppressions systems were submitted to the State Fire Marshal's Office. Of 1,676 new building projects, approximately 1,047 or 62 percent had preliminary approvals issued within 72 hours of being received.

Respond to all citizen complaints or inquiries and all inquiries made by a Fire Chief within 48 hours.

- In Fiscal Year 2000, 460 or 100 percent of citizen complaints or inquiries and all inquiries made by a Fire Chief were acted upon with the specified time parameter of 48 hours.

Life Safety Inspections for all schools were completed by December 21, 1999.

- In Fiscal Year 2000, 150 or 100 percent of the schools had a life safety inspection.

Life Safety Inspections for all facilities of the Department of Correction were completed in Fiscal Year 2000 during the months of January, February and March.

Requests for fire investigations will have a Deputy Fire Marshal responding to the fire scene within 15 minutes of receiving the call.

- In Fiscal Year 2000, 100 percent or 1,003 of the requests for fire investigations resulted in a Deputy Fire Marshal responding to the scene of the incident.

## STATE FIRE SCHOOL

75-02-01

### MISSION

The mission of the State Fire School is mandated by 16 Del. C. §§ 6613 to 6618 and instructs the Delaware State Fire School to:

- Provide firefighters with needed professional instruction and training at a minimum cost to them and their employers;
- Develop new methods and practices of firefighting;
- Provide facilities for testing firefighting equipment;
- Disseminate information relative to fires, techniques of firefighting and other related subjects to all interested agencies and individuals throughout the State; and,
- Undertake any project and engage in any activity which, in the opinion of the State Fire Prevention Commission, will serve to improve public safety.

On July 1, 1972, the State Fire Prevention Commission was also given the mandate under 16 Del. C. §§ 6708 to 6714 to regulate the ambulance service in Delaware. The commission assigned the added duties to the State Fire School of inspecting and licensing ambulances and the training and certifying of ambulance personnel.

### KEY OBJECTIVES

- Provide firefighters with necessary professional instruction and training.
- Provide ambulance personnel with necessary professional instruction and training.
- Provide rescue personnel with necessary professional instruction and training.
- Certify and re-certify ambulance attendants.
- License ambulances.
- Provide agency, institutional and industrial personnel and the general public with necessary professional instruction and training.
- Disseminate information relative to fires, techniques of firefighting and other related subjects to all agencies and individuals throughout the state.
- Develop new methods and practices of firefighting.
- Provide facilities for testing firefighting equipment.

# FIRE PREVENTION COMMISSION

## 75-00-00

### BACKGROUND AND ACCOMPLISHMENTS

In order to more effectively manage the State Fire School's training and education program, services for specific target audiences have been identified: (1) program services for firefighters and fire officers; (2) program services for ambulance and rescue personnel; (3) program services for state agencies, institutions, industrial personnel and the general public.

Since its inception in 1964, the State Fire School has been sensitive to the need for quality training and education in the fire prevention and control effort and has been continually responsive to that need. As the demand for programs and services increases, so does the need to select and qualify additional instructional personnel.

Strong emphasis is placed on improving the instructor development program for the part-time personnel. Instructor candidates are trained in instructional methodology and then trained to teach specific subject areas. Active instructors are cross-trained in high priority subject areas to help the school meet its program service demands as well as improving the individual's professional ability. All instructors are required to attend improvement seminars as scheduled by the Fire School in order to maintain their certification.

Continued emphasis is placed on planning and evaluation. Existing courses of instruction are reviewed and revised, as necessary, to assure their content is current and consistent with new concepts and techniques.

In addition to conducting the normally scheduled activities and meetings, honoring special requests for programs and services, progress continues to be made towards improving program quality. Emphasis on improving program management and monitoring costs analysis has improved program quality and cost-effectiveness.

#### BUDGET

	FY 2000 ACTUAL	FY 2001 BUDGET	FY 2002 GOV. REC.
GF	2,240.2	1,872.5	1,908.6
ASF	20.8	100.0	100.0
<b>TOTAL</b>	<b>2,261.0</b>	<b>1,972.5</b>	<b>2,008.6</b>

#### POSITIONS

	FY 2000 ACTUAL	FY 2001 BUDGET	FY 2002 GOV. REC.
GF	18.0	18.0	18.0
ASF	--	--	--
NSF	--	--	--
<b>TOTAL</b>	<b>18.0</b>	<b>18.0</b>	<b>18.0</b>

### ACTIVITIES

**Continuing Projects** Major projects previously planned or instituted which will continue in Fiscal Year 2002:

- Continue the delivery of the 12-hour Crew Leader course to bridge the gap from firefighter to junior fire officer.
- Continue the testing program for certification of fire service personnel under the National Professional Qualification System, which includes Firefighter I and II, and Fire Officer I.
- Continue the revised courses for Basic Firefighting Skills, Structural Firefighting Skills, Hazardous Materials Response Skills, and the Company Officer Course this fiscal year.
- Continue the testing program for Fire Alarm and Fire Protection Systems Installers as required by the State Fire Code.
- Continue development and delivery of new module to the Fire Company Management Course for the administrative and operational officers as a series of stand-alone seminars.
- Continue the design, development and presentation of continuing education programs for fire department officers, firefighters and emergency care providers; fire safety education programs for the general public; continuing education programs to enhance the expertise and improve the professionalism of the part-time instructional staff; and, continuing education programs for agency, industrial and institutional personnel.
- Provide continuing education credits for State Emergency Medical Technicians.
- Provide 40-hour First Responder to Basic Life Support personnel.
- Provide required annual cardio-pulmonary resuscitation and semi-automatic external defibrillator certification and recertification for all State Emergency Medical Technicians.
- Maintain the computerized hazardous material Delaware Emergency Response Information Network (DERIN) to support the fire service and the State Emergency Response Team (SERT).
- Maintain the State Fire School's professional staff in a state of readiness to respond to, and serve effectively on the State Emergency Response Team (SERT), as well as the Delaware Emergency Operations Plan (DEOP) and the state's Radiological Emergency Plan (REP).
- Deliver the menu of fire safety topics for the Fire School tours for the various grade levels: (1) preschool; (2) K-2nd grade; (3) 3rd-6th grade;

# FIRE PREVENTION COMMISSION

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(4) middle school; and (5) high school, at all three regional centers.

- Continue to support the Delaware Children's Fire Safety Foundation efforts to implement the Learn Not To Burn/Risk Watch program throughout the schools in Delaware in conjunction with the local fire companies.
- Continue the Delaware State Fire School Recognition Program for firefighters and fire officers.
- Continue delivery of the Confined Space Rescue Course for fire service and industrial personnel.
- Continue delivery of the three-hour in-service Arson Awareness course for firefighters in conjunction with the Office of the State Fire Marshal.
- Deliver the revised Industrial Program as recommended by industrial fire and safety supervisors.
- Revise and upgrade the Delaware State Fire School computerized Management and Operations System.
- Continue the development, production and presentation of the Memorial Service Programs for the Delaware Volunteer Firemen's Association Annual Conference.
- Design and develop the Hazardous Materials Technician training area to enhance the "hands on" training.
- Schedule and deliver a series of wildfire related courses.
- Continue special rescue training.
- Continue operations in the New Castle County regional fire training center.
- Continue to participate in Associates of Arts Emergency Services Management Degree with Delaware Technical and Community College.
- Continue Introduction to Emergency Services Program to help meet fire service recruiting needs.
- Continue with replacement of audio/visual technology.
- Continue Arson and Terrorism training.
- Continue upgrade of drillground training facilities.

**New Projects** Major projects or programs to be initiated or implemented during Fiscal Year 2001 and continued in Fiscal Year 2002 include:

- Develop continuing education program for Emergency Medical Technicians.
- Develop new First Responders Refresher Course.
- Design and construct new Fire Safety Training Center at Dover.
- Begin construction process of a 300-400 seat auditorium for the Dover Training Center to deliver special seminars.

- Install sprinklers in the Dover facility.
- Construct and equip Self-Contained Breathing Apparatus/Compressor building.
- Implement and train the fire service in the use of the new Self-Contained Breathing Apparatus.

### PERFORMANCE MEASURES

	FY 2000 Actual	FY 2001 Budget	FY 2002 Gov. Rec.
# programs	956	800	800
# students - fire/rescue	6,489	7,500	6,800
# students - EC	4,566	2,500	5,000
# students - industry*	2,408	0	2,600
# students - Haz. Mat. Tech Program	553	500	500
# students - Fire Safety**	33,145	0	30,000

\* Implemented revised performance measurement and recordkeeping in FY 2001.

\*\* Performance measure not reported in FY 2001.

Programs are delivered to those persons who are directly responsible for the safety of life and property of the citizens of Delaware. Those persons in fire companies, industry, agencies and institutions, citizens of the State will be properly trained and educated to reduce the risk of injury or deaths as well as reduce the risk of injury or damage to property.

Approximately 500 new firefighters are trained each year with an average of 98 percent finishing basic training.

The volunteer ambulance service delivers 95 percent of the basic life support service provided in the State. The law requires that they are trained and certified in the State. There are approximately 130 new ambulance attendants trained annually and 1,200 are re-certified.

Also trained are primary members (fire/rescue liaison and coordinators), consultants and advisors for the SERT plan. Numerous training courses at the training center are provided for safety personnel and employees of state agencies such as correctional department guards, public and private custodial care facilities and other institutions, and state and municipal officers. Included also are fire safety programs, extinguishers, evacuation planning, first aid and safety.

Fire safety programs such as characteristics of fire, home fire hazards, flammable liquids and gases, smoke detectors, fire escape planning to senior centers, day care facilities, schools and adult groups are offered throughout the State.

# FIRE PREVENTION COMMISSION

## 75-00-00

### STATE FIRE PREVENTION COMMISSION 75-03-01

#### MISSION

The mission of the State Fire Prevention Commission is mandated by 16 Del. C. c. 66 as follows:

- The Commission shall have the power to promulgate, amend and repeal regulations for the safeguarding of life and property from hazards of fire and explosion.
- The Commission shall appoint the State Fire Marshal and the Fire School Director. The Commission shall have complete jurisdiction and management over the State Fire School.
- The Commission shall have power to authorize new fire companies or substations; resolve boundary and other disputes; and prohibit cessation of necessary fire protection services.
- Ensure a high level of public safety for the safeguarding of life and property from the hazards of fire and explosion.
- Basic Life Support authority from recent legislation.

#### KEY OBJECTIVES

- Promulgate, amend and repeal fire safety regulations to ensure a high level of public safety. Currently this includes the State Fire Prevention Regulations, State Fire Service Standards and State Ambulance Service Regulations.
- Provide a direct liaison between state government and the statewide volunteer fire service.
- Oversee statewide basic life support ambulance service.
- Inspect and license Basic Life Support and Advanced Life Support ambulances.
- Certify ambulance attendants and emergency medical technicians.

#### BACKGROUND AND ACCOMPLISHMENTS

The State Fire Prevention Commission is responsible for developing the fire policy information base. The Commission has the authority to promulgate, amend and repeal regulations for the safeguarding of life and property from the hazards of fire and explosion. This includes the State Fire Prevention Regulations, State Fire Service Standards and State Ambulance Service Regulations.

It is the responsibility of the State Fire Marshal to review the Delaware State Fire Prevention Regulations on an annual basis, reporting findings and any recommended changes to the Fire Commission at its October meeting. These are reviewed and updated every three years with the most recent update currently under review. Effective July 1, 1995, Live Fire Training Regulations and Burn Regulations were adopted by the Commission, becoming a part of the regulations. Effective July 30, 1997, the State Ambulance Service Regulations were adopted by the Commission.

#### BUDGET

	FY 2000 ACTUAL	FY 2001 BUDGET	FY 2002 GOV. REC.
GF	385.0	222.4	227.3
ASF	--	7.5	17.5
<b>TOTAL</b>	<b>385.0</b>	<b>229.9</b>	<b>244.8</b>

#### POSITIONS

	FY 2000 ACTUAL	FY 2001 BUDGET	FY 2002 GOV. REC.
GF	1.0	1.0	1.0
ASF	--	--	--
NSF	--	--	--
<b>TOTAL</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>

#### ACTIVITIES

- Provide the vital link between the fire service and the Executive Branch of government.
- Provide a technically competent code-making body.
- Provide funding for a statewide fire safety education program.
- Provide funding for extraordinary expenses incurred by fire companies in the State.
- Implement statewide Fire Safety Strategy and Policy.

#### PERFORMANCE MEASURES

	FY 2000 Actual	FY 2001 Budget	FY 2002 Gov. Rec.
# meetings – monthly, special	20	18	20
# hearings - public, appeal, grievance	9	12	12
# commission committee meetings	25	8	20
# commission special interest functions	8	9	9
# fire service related functions	20	10	12
# emergency service functions	11	9	9
# special meetings	16	9	9
# conferences attended	7	12	12