1-1-1973

Statitrol Story

Statitrol Corporation

Duane Pearsall

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A Message From
The President

We appreciate your interest in Statitrol, a relatively young company of people dedicated to building better products for life safety. We are proud of our Staff and their accomplishments.

From our beginning in 1963, as a manufacturer of Static Control Equipment, we have expanded our technology in ionization from control of static to products for fire and life safety. Our primary products are ionization fire detectors for industrial, commercial and residential applications.

Our latest achievement, the SmokeGard home fire detector, has been recognized by many authorities in the fire industry as a major breakthrough in home fire protection. As a battery powered device with a high level of reliability, SmokeGard, for the first time, brings life safety fire protection within the budget of every homeowner.

Our continuous objective is that through research and development we can build better products that contribute to life safety and property protection.

We are proud of Statitrol and would like an opportunity to show you our plant and have you meet our people in person. Plan to visit us at your first opportunity.

Sincerely,

DUANE D. PEAiSALL

DUANE D. PEARsALL
STATITROL CORPORATION was founded in 1963 for the purpose of building an ionizing device called a static neutralizer. Static neutralizers use high voltage as a method of generating ions and then, with the help of a fan, distribute these ions in darkrooms, clean rooms, industrial processes, etc., to neutralize static charges.

In the development of static neutralizers, it was found that a technician, smoking in the laboratory, could destroy the output of the neutralizer. This was measured by a battery powered ion meter. After investigation, it was found the ionization detection principle had been used commercially for several years and had been designed by a Swiss manufacturer and distributed in the United States under the name Pyrotronics.

Statitrol, nevertheless, was the first manufacturer in the U.S. to submit and have a commercial ionization detector listed by Underwriters’ Laboratories. In 1966 Statitrol

IMPORTANT FIRE LOSS STATISTICS

Each year there are approximately 12,000 fatalities by fire, more than 6,000 of which occur in the home.

HOW DID THEY DIE?
74% from toxic gases or products of combustion
23.2% from burns
1.7% from explosions
1.1% from miscellaneous

WHERE DID THE FIRES START?
37.2% living room
21.6% kitchen
12.8% bedrooms
11.6% basement
16.8% other areas
entered into a contract with Honeywell, Inc., for the exclusive sale of a second generation ionization detector, also listed by Underwriters’ Laboratories. A third generation commercial detector was listed by the Laboratories in March 1971 and is distributed in the U.S. by major fire alarm companies and internationally through 150 offices and distributors.

SmokeGard is Statitrol’s major breakthrough in the area of home fire safety. It was developed because of some tragic statistics published by the National Fire Protection Association.

It is highly important to Statitrol that involvement continue with the National Fire Protection Association, the hub of all fire activities in this country. Statitrol is concerned with keeping abreast of, and in fact helping to set the guidelines for the fire industry as contained in the ten volume set of the National Fire Codes.

There is considerable emphasis on new fire regulations for cities and whole states requiring approval of fire alarm devices.

In September, 1972, legislation was passed to include the requirement in the Uniform Building Code that all one and two family residences and apartment dwelling units must have an approved “products of combustion other than heat” detector located between sleeping and living areas with a minimum of one unit per dwelling.

Since there are over two million dwelling starts anticipated in the new year it is even more important to note the need for early warning fire detection. The great potential for the Statitrol Corporation to help fill the need for a good life and property saving device is also apparent. Constant improvement and innovation will further enhance Statitrol Corporation products, making the home, mobile home or vacation hideaway a safer place. The Statitrol story is only beginning as we enter our second decade.

### IMPORTANT FIRE LOSS STATISTICS

**WHEN DO FIRES START?**

- The sleeping hours — between 9:00 P.M. and 9:00 A.M.
- 54% of all fires start during these hours
- 64% of all fatalities occur between these hours
- 86.3% of all fatalities involved four or more persons during these hours.

**MAJOR CAUSES OF FIRES IN THE HOME**

- 23.8% — heating equipment
- 17.7% — smoking materials
- 13.8% — electrical

Ref. NFPA records
OUR HEADQUARTERS
140 So. Union Blvd.
Lakewood, Colorado

GENERAL OFFICE
A well designed main corporate headquarters and manufacturing facility of 10,000 square feet on three acres.

RESEARCH AND DEVELOPMENT
Over 2,000 square feet is devoted, in a separate building, to the research and development staff who are constantly improving and devising new products for Statitrol.
OUR MANAGEMENT...

Thomas A. Bellinghausen  
*Vice President, Marketing*

Before joining Statitrol in February, 1972, Tom was National Market Manager of Protection Systems for the Commercial Division of Honeywell, Inc. He is well known in the National Fire Protection Association, currently serving as a member of the Safety-to-Life Committee representing the Signalling Protection and Communications Section of the National Electrical Manufacturer's Assn. Tom also serves on the Fire Industry Advisory Council of Underwriters Laboratories, Inc.

Alvin A. Mayer  
*Vice President, Engineering*

Now in his sixth year with Statitrol, Al has an excellent record of experience in plant and quality control management, both in electric and electronic manufacturing. A major share of the credit for the unique design and reliable performance of Statitrol products goes to Al and his Staff of engineers and technicians.

Joseph W. Guthrie  
*Vice President, Manufacturing*

With experience of over 20 years as a Manager in aerospace manufacturing, Joe accepted Statitrol's challenge to apply these aerospace techniques to fire safety products, requiring an even higher level of quality control.

Chief John DeJong  
*Public Relations Advisor*

With 35 years as a firefighter, from Assistant Chief of the Denver Fire Department to Chief of the Bancroft Fire Protection District, John brings a special talent and experience to focus on our efforts on the problems of fire defense. John is well known nationally for his work in firemen training programs and serves as chairman and secretary of two important committees of the National Fire Protection Association.
A COMPLETE FACILITY . . .
SmokeGard® MODEL 700 is a battery powered ionization fire detector with self contained horn, designed to protect the home and the lives of its occupants. At the first hint of fire, even from invisible smoke, the SmokeGard can wake persons from a sound sleep, giving them time to escape before smoke or toxic gases block the exits.

MODEL 40 IONIZATION DETECTOR is a low voltage unit designed to detect products of combustion from incipient fires for general area fire detection. The application of Model 40 is principally for high value property protection and life safety. It is fast becoming a standard for industry.
MODEL 40 IONIZATION DUCT DETECTOR samples air moving through an air duct to detect products of combustion and smoke. Its main function is to control operation of air handling systems to prevent distribution of smoke in a building during fire conditions. The unit may be set to actuate a central alarm system.

SMOKE-CHECK III*, the first of a new generation of products to be offered from a joint development of Statitrol Corporation and Rixson-Firemark, Inc. It combines early warning ionization fire detection with door release and closing in a single economical unit. Reacting to the first traces of fire, it automatically closes doors to confine smoke to areas of fire origin.
WE SUPPORT THE PRODUCTS WE SELL

COMFORTING

but hardly a life saver!

BIG ON THE BEACH

but who's guarding at home?

SmokeGard
Early Warning
Home Smoke Detector

AT LAST! A LOW COST IONIZATION DETECTOR

SmokeGard
EASY WARNING HOME SMOKE DETECTOR
OWNERS MANUAL

SMOK CHECK III
... a totally new concept in smoke activated door opening protection. Prevents - ensures for fire or life safety or control.

SmokeGard
for Home Fire Safety

AT LAST!
a life safety fire alarm for the home

STATTROL
a new smoking concept
in smoke control

SmokeGard
for Home Fire Safety

UNWIRE FOR SOUND

and, eno...
STATITROL CORPORATION continues to research, design and manufacture superior products dedicated to saving life and property from fire. Your inquiry will be gladly received.

... dedicated to saving life and property from fire