

*The*

**ADT**

**TRANSMITTER**

vol. XXIII. no. 2 — FEBRUARY — 1951





## • LETTERS •

### Peace of Mind

AMERICAN DISTRICT TELEGRAPH CO.:

The year 1950 will probably go down in history as one of the most important years our country has known. We all sincerely hope that the future will bring a lasting peace and that our American way of life will be a shining example for the rest of the world to follow.

All of us at the Mission Food Market, I am sure, appreciate the undivided service that we received throughout the year from the American District Telegraph Company. It is gratifying to have peace of mind knowing that our property and wares are being protected by a reliable concern such as yours.

So at this time we want to take this opportunity to say "Thank You So Much," and to wish you, your employees, executives and stockholders, a very happy and prosperous New Year.

EUGENE MULLIGAN

Mission Super Market  
San Francisco, Calif.

### No Question

AMERICAN DISTRICT TELEGRAPH CO.:

There is no question but that the fire in our motor truck building at 12:26 a.m. on December 8 would have assumed very serious proportions had it not been for the ADT Aero Automatic Fire Alarm System reporting the blaze as soon as it did.

Without an automatic alarm signal, the fire no doubt would have gotten out of hand and would have resulted in a very serious loss.

E. R. ZIMMERMAN

International Harvester  
Sioux Falls, South Dakota

### On the Cover

Dense smoke blankets the "Loop" section of Chicago during \$1,500,000 blaze which leveled a warehouse on January 12. As millions watched the spectacle on television, scores of firemen, four of whom lost their lives, fought the blaze from land and from two fireboats on the icy Chicago River. Acme photo.

## A NATION-WIDE ORGANIZATION

The American District Telegraph Company (A.D.T.), founded in 1873, is the only nation-wide organization specializing exclusively in the manufacture, installation, maintenance and operation of electrical supervisory and alarm systems for protection against fire, burglary and intrusion, watchman supervision, etc.

A.D.T. Central Station Protection Services are available in more than 350 cities and towns in the United States. In this type of service the protection system in the subscriber's premises is connected to an outside A.D.T. Central Station which provides continuous electrical supervision, transmits alarms to the fire and police departments and investigates trouble and other emergency signals.

Outside of Central Station areas, A.D.T. installs protection equipment for owner operation, with visual or audible signals within the protected premises and, when desired, direct-wire connections to police or fire departments. In exceptionally large establishments, systems may be installed to operate through owner-operated proprietary central stations on the premises.

Whether the system operates through an A.D.T. Central Station or is of the local or proprietary type, A.D.T. provides periodic inspections, systematic tests and complete maintenance by an organization trained and experienced in this type of work. *Without this specialized attention there is little assurance that any protective signaling system will operate when an emergency arises.*

A.D.T. Protection Services include the following systems:

**SPRINKLER SUPERVISORY AND WATERFLOW ALARM:** Summons fire fighting forces when sprinkler operates. Maintains a continuous automatic check on shut-off valves and other points controlling water supply.

**AERO AUTOMATIC FIRE DETECTING AND ALARM SYSTEM:** Detects fire and summons fire department automatically.

**WATCHMAN SUPERVISORY AND MANUAL FIRE ALARM:** Investigates any failure to signal Central Station. Includes Manual Fire Alarm Boxes to summon the fire department quickly and accurately.

**BURGLAR ALARM:** Automatically detects unlawful entry or intrusion and initiates immediate investigation.

**HOLDUP ALARM:** Summons police in case of attack by bandits and in other emergencies.

Also: Automatic Fire Control for Air Duct Systems; Heating System and Industrial Process Supervision and other miscellaneous supervisory services.

## • EDITORIAL •

### N.F.P.A. Inspection Guide

A new pocket-sized, 336-page inspection manual, outlining fire prevention and fire protection inspection procedures for the use of property owners, fire departments and insurance men, has recently been issued by the National Fire Protection Association.

Edited by Horatio Bond, chief engineer for the N. F. P. A., the manual describes various hazards in different types of premises and how to control them. It also explains the daily, weekly, monthly and annual tests and inspections to be made of all protective equipment, including fire detection, watchman supervisory and alarm systems, water supplies, tanks, pumps, standpipes, extinguishers, hose, hydrants, automatic sprinklers and special extinguishing systems.

The booklet replaces the manual entitled "Field Practice," which has been out of print for some time but which has been the standard pocket book of fire prevention inspectors since 1914.

Approximately 4" x 6", the book has an attractive but sturdy flexible leatherette cover in two colors with gold lettering. Copies may be purchased for \$3.00 each from the National Fire Protection Association, 60 Batterymarch Street, Boston 10, Mass.

### New Sprinkler Booklet

"The Automatic Sprinkler System" is the title of a booklet recently published by the National Automatic Sprinkler and Fire Control Association.

Describing the automatic sprinkler as "the ultimate in effective protection against fires," the pamphlet points out that it is an "invaluable auxiliary to water utilities, municipalities and the public." The booklet urges municipal water department officials to do everything in their power to cooperate with individual property owners who desire to install automatic sprinkler systems throughout their premises.

A copy of the booklet may be obtained free of charge from the National Automatic Sprinkler and Fire Control Association, 205 East 42nd Street, New York 17, N. Y.

**THE A. D. T. TRANSMITTER:** A monthly news-magazine of outstanding events and features concerning fire, burglary and holdup. Published monthly by the American District Telegraph Company, 155 Sixth Avenue New York 13, N. Y.—R. K. HYDE, Editor . . . Edited and distributed for the information of employees, subscribers and other interested persons. All articles printed are the individual opinions of the authors. To insure delivery of your copy of THE A. D. T. TRANSMITTER each month, kindly notify the editor of any change in address.



# The ADT TRANSMITTER

VOL. XXIII

FEBRUARY, 1951

NO. 2

## STOCK ROOM BLAZE BEATEN

*Outbreak in Unprotected Area Rages Until Waterflow Alarm From Next Room Gives Firemen a Fighting Chance*

Despite temperatures that hovered about the zero mark, Canton (Ohio) firemen, summoned by an ADT waterflow alarm, labored feverishly and successfully in battling a smoky blaze which broke out in a third-floor storage room in Stark's Dry Goods Store on the evening of December 27.

The room in which the outbreak occurred is unsprinklered and is generally used as a stock room and for office purposes. It is separated from the sprinklered third-floor store section by a fire wall of masonry twenty inches thick and a metal-clad fire door.

The blaze broke out shortly after 9 p.m. in a trash-filled stock cart, apparently as the result of a carelessly discarded cigarette. Spreading quickly in the 30' x 30' room, the flames fed on stock, miscellaneous paper, wooden counters and other store equipment.

Although there was a watchman on duty at the time, he was making his rounds in a different section of the store and was unaware of the isolated blaze.

Finally, the heat of the fire seeped through an opening to the next room, apparently because the fire door had not closed completely. Four sprinkler heads in the adjoining rug and carpet department fused, causing the transmission of an ADT waterflow alarm.

Central Station operators immediately notified the fire department. Personnel from four fire companies quickly responded. The blaze had gained much headway before being detected and the dense smoke at first made it difficult for the fire fighters to ascertain the source of the outbreak.

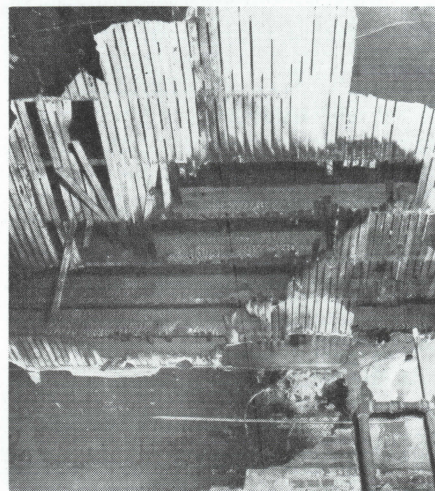
The frigid temperature in the city had frozen one fire hydrant, which made it necessary for firemen to thaw

it out with a small fire. All other hydrants in the area functioned perfectly and water was poured into the unsprinklered stock room by means of a large hose line pulled in through a third-floor window.

When the fire was declared out, a large section of the stock room had been burned out, as were parts of the floor boards. Extensive use of tarpaulins minimized water damage to the carpet department on the third floor, as well as to merchandise and fixtures on the floor below.

Fire Chief Laurence C. Maloney, whose men performed brilliantly in the face of almost overwhelming difficulties, estimated that the fire and water damage to building and contents might run to \$25,000.

President G. Erlanger and Vice President Martin Blate both expressed



*Canton Repository*

**HIT THE CEILING**—Blaze made considerable headway before being detected by ADT-supervised sprinklers in next room. Photograph shows part of burned-out rafters in ceiling of the stock room

their appreciation for the important role that ADT played in preventing a much greater loss.

Had there been no ADT-supervised sprinkler system in the room adjoining the one in which the fire started, the entire structure might have been destroyed. The greatest damage was suffered in that portion of the building in which there was no automatic protection of any kind.

### KEPT SHARP 'WATCH'

Alert action by a keen-eyed Detroit loan shop operator led to the arrest of a brazen character who tried to pawn a stolen watch on a recent afternoon.

When the culprit strolled into the Oakland Loan Office and asked for a price on the watch, the owner noted that it had been stolen from one of his other stores. He unobtrusively operated an ADT Police Call Device, while keeping his "customer" engaged in conversation.

Police were on the scene three minutes later and made the arrest without difficulty.



*Canton Repository*

**WHERE IT STARTED**—Canton fireman inspects section of flooring which was burned through after blaze started in trash-filled cart in the stock room



## BURGLARY

### WANTED IN MANY STATES

#### *Trapped in Tavern by ADT Alarm, Thief Faces Iowa Murder Charge*

Trapped by an ADT Burglar Alarm in an Omaha tavern on the morning of January 5, a gun-toting Westerner who has spent almost twenty of his thirty-eight years behind bars was tabbed as a "very good" suspect in a recent Council Bluffs, Iowa, murder.

The gunman, identified as Lester Thomas, was captured in the Sweetwood Tavern a few minutes after opening an ADT-protected cash drawer at 2:21 a.m. Thomas had concealed himself in a basement coalbin until after closing time.

At the time of his capture, Thomas was found to have a .32-caliber revolver in his possession. Detectives also recovered \$70.55 which he removed from the cash drawer behind the bar.

Upon closer examination in police headquarters, officers found a second firearm strapped to the suspect's leg. An investigation revealed that the weapon, a .22-caliber revolver, was the same type as that used in the killing of a Council Bluffs cabdriver last November 19. The gun was identified as one that was stolen from an Iowa tavern on November 18. Empty shells from Thomas' revolver have been sent to the Iowa Bureau of Investigation.

He has been "positively" identified as the man who, while being taken to jail in a small Nebraska town on Christmas Eve, pulled a gun on an officer and forced him to drive to Omaha.

Wanted by Iowa authorities on charges ranging from burglary to suspicion of murder, Thomas is reported to have told his captors: "You ain't gonna get me to admit anything."

According to the records, he has served time in Oklahoma, Kansas, Nebraska and Colorado, including a seven-year stretch in Lincoln for robbery and an eight-year term in Canon City, Colo., for a third offense.

Thomas, who stated that he hailed from Texas, will have a hearing on two confessed Omaha burglaries, but numerous other communities have put in "claims" for him.



Lester Thomas

### 'SUITABLE' OUTCOME

Toting eleven suits of clothes, a Los Angeles burglar practically walked into the outstretched arms of police officers and guards responding to an ADT burglar alarm from the Hollywood Clothes Store on December 18.

The intruder smashed an unprotected window to gain entrance to the premises but intercepted the beam of an ADT Invisible Ray Device in an inner office at 11:53 p.m.

Police sped to the store while the culprit helped himself to the clothing. As he was about to leave through the smashed window, the officers closed in and made the capture.

### FOOT-LOOSE INTRUDER

When surprised by Cincinnati police officers at the plant of the Central Brass & Aluminum Company on December 31, a frightened burglar ran so fast that he left a shoe behind him.

The "sprinter," however, was overtaken by the officers, who also captured an accomplice not far from the plant. The men unwittingly summoned the police when they attempted to force a rear ADT-protected sliding door.

### DOUBLE EXPOSURE

A pair of Milwaukee teen-agers face prison terms for breaking into the shop of the Photoart Visual Service shortly after midnight on December 24.

The youths attempted to force an ADT-protected first-floor wire screen door but found it too formidable an

obstacle. They then turned their attention to a trap door in an alley, but not before they had transmitted an ADT burglar alarm to the Central Station.

Responding police officers went through the trap door and found the youths attempting to hide in the basement, one under a tub and the other under a desk.

### TEAMWORK TRAPS TRIO

San Francisco police officers and ADT Guard Henry Sloan teamed up on the night of November 9 to corner a pair of burglars on the roof of States Batteries, Ltd., and their accomplice who was waiting in a near-by automobile.

Shortly after the burglar alarm was received at the Central Station, three police cars pulled up in front of the plant. Accompanied by Sloan, the officers went inside where they heard noises on the roof.

They quickly ran out and saw a ladder propped against the rear of the building. While police stood guard, Sloan ascended the ladder and spotted two men about to drop off the opposite side of the roof. He called to the officers who immediately fired a few warning shots. The men surrendered without resistance.

A few minutes later the officers discovered a third man sitting at the wheel of a waiting automobile a short distance from the plant.

An investigation revealed that the culprits had transmitted the burglar alarm by intercepting the beam of an ADT Invisible Ray Device in the yard.

### WELCOME INVADERS

South San Francisco police officers who responded to an ADT burglar alarm from the plant of W. P. Fuller & Company on the night of December 12 were amazed to discover two water-soaked individuals wearing U. S. Air Force uniforms.

Having run out of gas while circling fog-bound San Francisco Bay, the flyers, both captains, crash-landed in the water and swam ashore. While walking behind the plant, they intercepted the beam of an ADT Invisible Ray Device.

Neither of the officers was injured. An army ambulance returned the pilots to their base.



# FIRE

## FAST ACTION AMAZES

### *Firemen Arrive Before Occupants Of Shoe Store Even Smell Smoke*

Patrons, employees, and particularly the owner of B. Rich's Sons, a Washington, D. C., shoe store, were amazed when fire-fighting apparatus pulled up at the front door on the morning of January 9.

Unobserved by anyone on the premises, a fire started in the basement in a large paper carton filled with trash. The rapid rise in temperature actuated the ADT Aero Automatic Fire Alarm System at 9:51 a.m. Central Station operators notified the fire department and the fire fighters were quickly on the scene.

The firemen hurried past the astonished customers and clerks and discovered the outbreak in the cellar. They quickly brought the blaze under control.

No loss was reported by the owner, Herbert Rich, whose astonishment at the arrival of the firemen and appreciation of ADT Service are evident in the following excerpt from a letter written to ADT Manager T. P. Russell:

"... The engines were here and the fire extinguished even before I was aware that there was a fire in the building, although when the engines arrived I was in the basement where the fire started."



*"THE THING"—Cardboard box in which fire broke out is indicated by ADT Manager T. P. Russell. Aero Alarm called firemen who quickly quenched the fire*

## BOILER OVERHEATS

An ADT waterflow alarm prevented possible damage to the plant of the Hortex Manufacturing Company, El Paso, recently, when an overheated basement boiler resulted in the fusing of a single sprinkler head.

Upon receipt of the alarm signal, Central Station operators dispatched the fire department. Firemen noted what had happened and summoned the plant engineer who promptly shut off all fuel and water supplies to the boiler and the power to the automatic boiler controls.

No reason was given for the overheating of the boiler. Plant officials reported that there was no damage.

## TRUCK FIRE DETECTED

A short circuit in a truck parked in the garage of the Langendorf United Bakery, Portland, Ore., recently started a fire which was instantly detected and reported by the ADT Aero Automatic Fire Alarm System.

Firemen who responded found that the blaze had burned a cushion in the cab and scorched the paint on an adjoining truck. The fire was quickly extinguished. The loss amounted to \$300.

## HOLIDAY MISHAPS

A short circuit in the wiring of permanent lighting fixtures over the vault of the International Trust Company, Denver, started a fire as the custodian was attempting to replace burned out light bulbs on the morning of December 24.

As the flames spread to holiday decorations over the vault, the custodian hurried to an ADT Manual Fire Alarm Box on the same floor and summoned the fire department. The fire fighters had little difficulty in bringing the blaze under control. The loss, caused by damage to draperies and a large clock, amounted to approximately \$1,000.

On Christmas morning a bubble light on a Christmas tree in a radio studio in the Indianapolis News Building toppled over and broke. The liquid which was released apparently shorted the wiring and set the tree ablaze.

Several sprinkler heads fused almost immediately, transmitting an ADT waterflow alarm to the Central Station at



*Wide World*

*GLOOM OVER MIAMI—Dense billows of smoke rose over two salvage yards on January 4. Flames melted overhead wires and transformers, temporarily blacking out part of the city. The loss was reported to be \$200,000*

8:58 a.m. Firemen quickly extinguished the blaze and took steps to prevent further damage to the studio.

## PYRO-TECHNICAL KNOCKOUT

Firemen and the ADT-supervised automatic sprinkler system were the real "champs" when fire, caused by an overheated refrigerator motor, broke out at 3:06 a.m. on December 1 in the premises of the Little Champ of Hollywood, a tenant of a Los Angeles office building.

The flames ignited a wooden partition and fused two sprinkler heads. The fire department, responding to the resulting waterflow alarm, prevented any extensive damage.

## FAST COMMUNICATION

A short circuit in an intercommunication system started a blaze which involved a can of lighter fluid in a private office of a Columbus warehouse on a recent evening. The automatic sprinkler system checked the outbreak until firemen, alerted by ADT Central Station operators, reached the scene.

When the fire broke out, it ignited the can of lighter fluid which had been placed close to the defective equipment. Four sprinkler heads fused almost immediately, transmitting an ADT waterflow alarm.



## PERISHED THROUGH PANIC

The tragic effects of careless smoking were vividly demonstrated on December 23 when a sailor lost his life by jumping from a burning fourth-floor room of a Charleston, S. C., hotel.

The fire started shortly after 6:00 a.m. in the mattress of a bed in which it is believed that the sailor fell asleep while smoking a cigarette. When smoke was observed coming out around the door of the room, a clerk quickly pulled an ADT Manual Fire Alarm Box at the end of the corridor.

While firemen rushed to the scene and started battering at the locked door, the sailor apparently awakened and, becoming excited, jumped out of the window. Landing in a rear courtyard, he struck a picket fence and sustained serious injuries.

The injured sailor was rushed in a fire department ambulance to Roper Hospital where he died three days later.

The fire was quickly checked with damage confined to the furnishings of the room and a portion of an adjoining room.

## CHRISTMAS MORNING SURPRISE

A fire which broke out on Christmas morning in a motion picture projector in the basement of a St. Joseph, Mo., department store was speedily brought under control by the combined action of the supervised sprinkler system and members of the fire department.

Firemen, summoned at 4:19 a.m. by an ADT waterflow alarm, found the sprinklers operating and pitched in to prevent "wholesale" damage to the store.

## PATIENTS PROTECTED

An ADT-supervised automatic sprinkler system in the Essex County Sanitarium, Middleton, Mass., was responsible for the prompt extinguishment of a fire which broke out in a waste barrel in the kitchen at 1:12 a.m. on January 2.

When the outbreak occurred, one sprinkler head fused, causing an ADT waterflow alarm. Danvers firemen who responded found the fire under control of the sprinklers and quickly completed extinguishment.

A carelessly discarded cigarette was the probable cause. Officials stated that none of the patients was disturbed.

## WATCHMEN

### AILING WATCHMAN AIDED

When the 3:00 a.m. reporting signal of Watchman Norton of the American Stay Company, East Boston, Mass., was not received in the ADT Central Station on November 1, guards were dispatched to investigate.

They found Norton in the washroom attempting to halt a severe nosebleed. When ordinary measures failed to stop the hemorrhage, the guards asked the police to take the ailing watchman to the East Boston Relief Station where he received prompt treatment.

### NOT FORLORN FOR LONG

While attempting to replace a burned-out light bulb in the Midland Warehouse in Chicago on the night of December 28, William Cloonan, a sixty-year-old watchman, fell off a ladder and broke his right leg.

Although he was in great pain, Cloonan knew that help would be on the way just as soon as his scheduled 6:40 p.m. reporting signal was not received in the ADT Central Station.

A short time later, ADT Guard Black and a watchman from a neighboring plant discovered Cloonan lying at the foot of a first-floor stairway. Police were immediately notified and an ambulance

was summoned to remove the badly injured watchman to St. Ann's Hospital for treatment.

Arrangements were made for a relief watchman to patrol the warehouse for the remainder of the night.

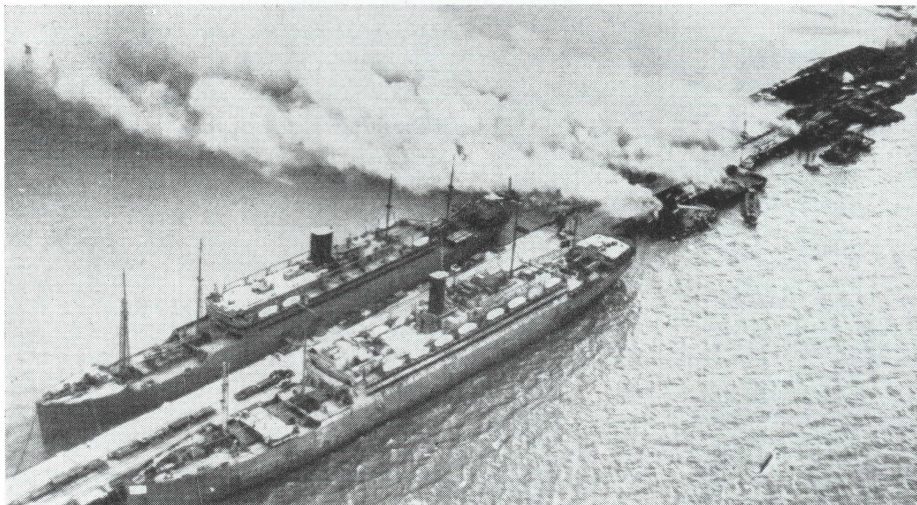
### OUTWITTED BY WATCHMAN

While making his patrol of the premises of the Sutro Baths, in San Francisco, on the morning of November 16, Watchman Miedena spotted a burglar tampering with a cash register.

Having no other weapon at his command, Miedena promptly brought his ADT tour key down upon the astonished culprit's head. The subdued burglar was then marched upstairs by Miedena, who paused long enough to operate an ADT Emergency Police Call Device.

As the watchman and his captive passed the ticket office door another prowler, who obviously had remained in hiding, suddenly slugged Miedena from behind. The two intruders quickly tied up the watchman with an electric cord and promptly disappeared.

They had scarcely left the building before police officers appeared and released Miedena, who was none the worse for his experience. In their haste to flee the area, the burglars abandoned a radio that they had stolen from another establishment a short distance from the baths. The owner reported that there was no loss.



*International News Photo*

**TAPS FOR TROOPSHIP**—Flames from blaze which originated on Baltimore pier swept toward troop transports *George Washington* (foreground) and *General Alexander* on January 16. The *Alexander* was towed to safety, but the 43-year-old *Washington*, which carried President Wilson to the Versailles Peace Conference in 1918, was destroyed. The pier sprinkler system, which might have checked the fire, had been inoperative for the past three years. Loss was placed at \$15,000,000



## THE ROSTRUM

*Devoted to Open Discussion of Protection Problems*

### LEAVE NOTHING TO CHANCE!

#### *ADT Automatic Protection Can Be Applied to Detect Hazardous Conditions Other Than Fire and Burglary*

By WILLIAM EVANS

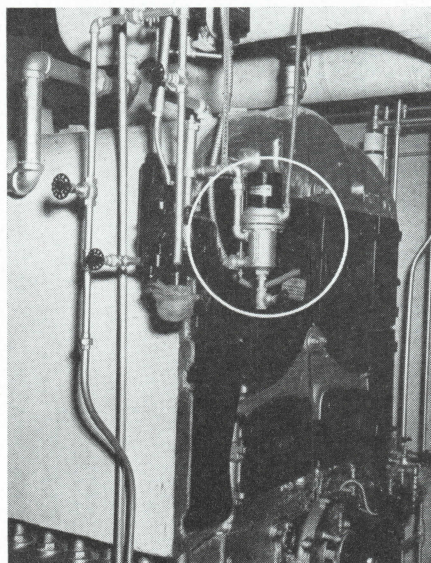
At four o'clock one morning the ADT Central Station in Cleveland received a trouble signal indicating high steam pressure in a subscriber's boiler. A guard was immediately dispatched to the plant and investigation revealed that the safety valve had failed to function, allowing the pressure to get far beyond the margin of safety. The guard did what he could, then phoned the owner who promptly appeared in person.

"If your guard had not handled the emergency so efficiently," he later wrote the Cleveland office, "it is more than likely that we would have had a broken boiler and would have been without heat for several weeks. The prompt attention you gave the situation has saved us more than the annual cost of your protection service."

From another plant a signal was received shortly after closing time indicating abnormal temperature in vats containing molten tin. An ADT guard, responding to the alarm, found molten metal boiling over onto the floor. Realizing that fire was imminent, he notified the fire department. Firemen were standing by with hoses and others were spreading sawdust to soak up the overflow when the vat suddenly exploded. Near-by woodwork ignited but the fire was promptly extinguished. A plant official said later that he was convinced that the entire establishment would have been destroyed but for ADT.

These two instances, and many others like them, underscore the point that industrial hazards are not confined to fire and burglary—nor is ADT Automatic Protection limited to these fields. There are many processes and facilities which, when something goes wrong, present a considerable potential for trouble and damage, interrupted production and costly repairs.

During normal working hours human supervision may—or may not—suffice; but during shut-down periods at night,



*UNATTENDED—but not unwatched, is this heating system boiler equipped with devices to keep constant check on the water level. When the water approaches a dangerously low level, a mercury switch opens, transmitting an immediate signal to the ADT Central Station which initiates corrective action*

on holidays or over week ends, even the highly variable human element may be missing, or limited to the person of a watchman who seldom has the technical knowledge required to meet unusual emergencies.

To cope with such conditions, ADT provides automatic supervision of heating systems and industrial processes. The most widely used service of this type is oil burner supervision in which a signal is transmitted automatically to the ADT Central Station if the burner continues to spray oil into the combustion chamber and the flame fails to ignite it. Such a condition would present a serious explosion hazard should ignition take place after considerable oil had accumulated.

Coal stokers also can be supervised so that an alarm is received at the Central Station in the event of any stoppage of the motor or coal feed. For example, if the heating system is fired

by an automatic coal stoker, there is always a possibility of a foreign object jamming the feeding mechanism. To overcome this, stoker equipment manufacturers provide a shear pin which disconnects the coal feeding mechanism from the driving motor should the works become jammed. Such action, however, cuts off the heat from the building, and may very easily interrupt production.

Industrial Process Supervision remedies such consequences by connecting a device to the shear pin so that a signal will be transmitted to the central station if the shear pin breaks.

Gas burners, likewise, can be safeguarded by an automatic device which will transmit a trouble signal the instant the pilot flame goes off.

In many industries temperature control is exceedingly important and ADT services are available for use in this field. Room temperatures can be supervised by thermostatic devices wherever the maintenance of minimum or maximum temperature is necessary. The temperature of liquids is vital in many industrial processes, and where water must be protected against freezing or solutions kept from overheating, a detection device can be installed that will transmit an alarm to the Central Station when irregular temperatures occur.

Other ADT systems supervise liquid levels during periods when vats or tanks are unattended; check minimum or maximum levels of bulk material such as coal, cement, sand, grain, ore, etc.; keep tabs on pressure and vacuum, not only in boilers but in many other industrial applications; supervise the continuity and phase relation of power circuits; warn if the flow is not stopped in gas or fluid supply lines when the premises are closed; transmit alarms in the event of dangerous closing of valves that should remain open.

These sleepless automatic systems, reporting instantly to an ADT Central Station, are on the job when the human beings have gone home.

A cracked boiler, a stoker failure, stoppage of machinery such as paint mixers or tumbling barrels, are not always dramatic. But such failures are common. And when they occur during the absence of personnel they can cause serious damage and often prolonged shutdowns. The solution may be ADT Central Station Supervision.

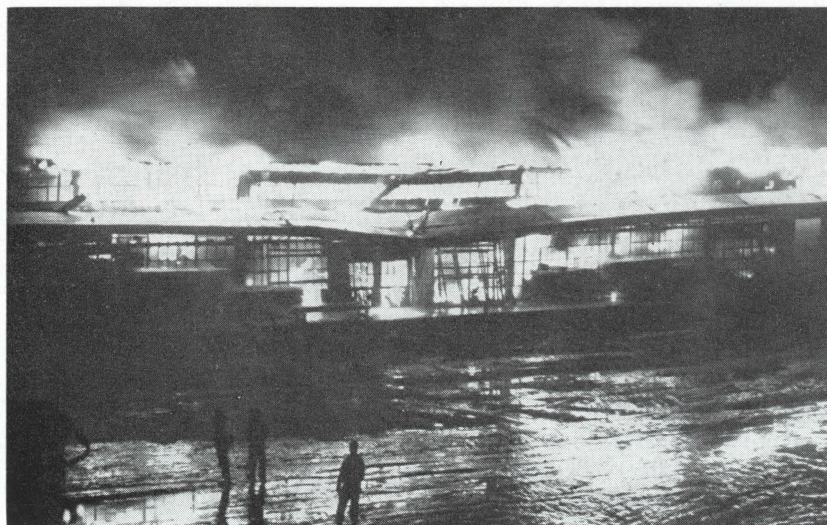


# MID-WINTER FIRES DEAL DEATH AND DESTRUCTION



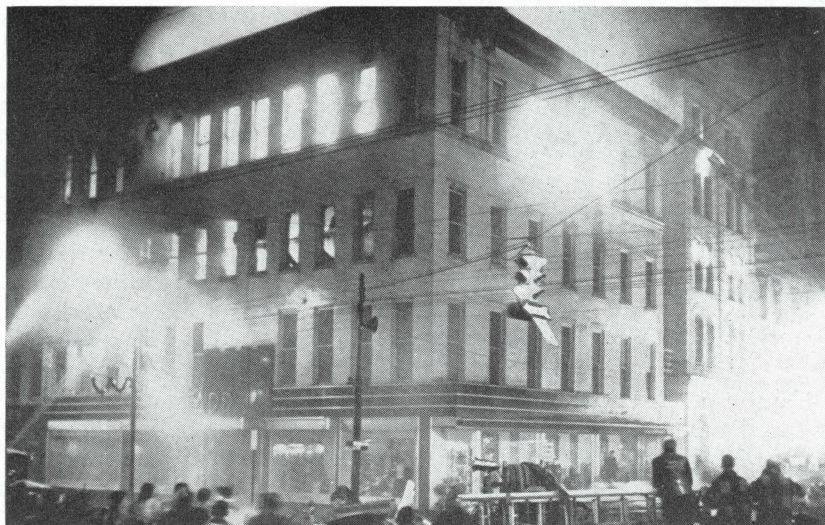
Wide World

**DRY GOODS WETTED DOWN**—Evansville, Ind., firemen fight multimillion-dollar fire which started in dry goods store on January 4



Wide World

**RED HOT HEATING APPLIANCES**—Flames swept through the Florence Stove Company plant, Kankakee, Ill., early on January 2. The damage was estimated at more than \$3,500,000. Destroyed were 33,000 heating units of various types

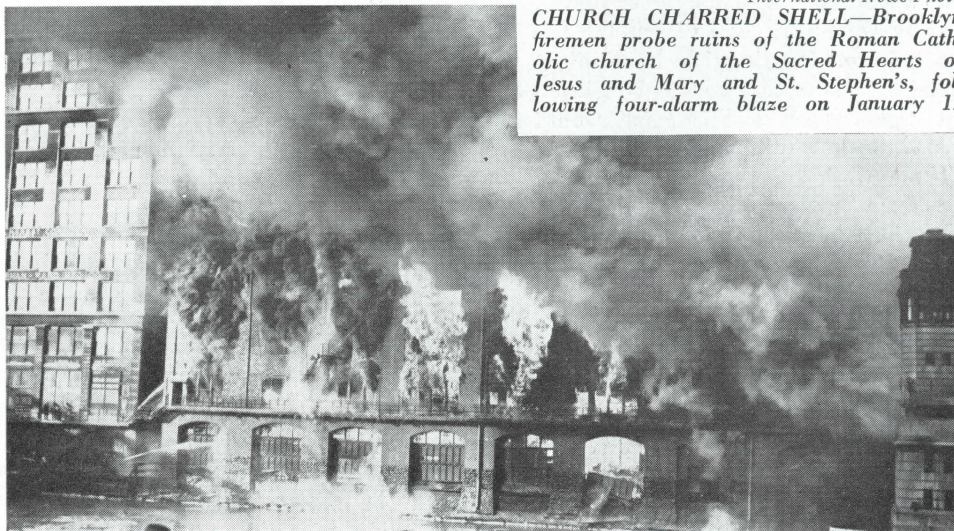


Wide World

**DEPARTMENT STORE DAMAGED**—Spectators jammed streets of downtown Zanesville, Ohio, to watch firemen battle blaze in Starr's Department store on night of December 10. Fire raged through upper floors and soon spread to Citizen's Bank Building at right. Loss was \$1,000,000

Acme

**WHERE FOUR MET DEATH**—An explosion of 55 gallons of lacquer thinner gave tremendous impetus to this \$1,500,000 blaze in a Chicago warehouse on the afternoon of January 12, according to unofficial reports. Four firemen were either burned or crushed to death while fighting the blaze. Millions of persons throughout the country witnessed the fire when television men "shot" the spectacular blaze from the roof of the near-by Merchandise Mart. Another photo of the blaze appears on this month's cover



International News Photo

**CHURCH CHARRED SHELL**—Brooklyn firemen probe ruins of the Roman Catholic church of the Sacred Hearts of Jesus and Mary and St. Stephen's, following four-alarm blaze on January 11