

The

ADT TRANSMITTER

vol. XVI. no. 7 — JULY-AUGUST — 1944



CIRCUS TRAGEDY

• LETTERS •

Fire Service Thrown in

AMERICAN DISTRICT TELEGRAPH CO.:

While we have considered your service valuable as a check-up on watchmen and somewhat felt the fire alarm service was just thrown in, we are glad to learn the fire alarm system, which we have had for years and have never had to use, turned out to be very useful, and we thank you very much for the method in which this was handled.

T. M. GILLESPIE

Chattanooga Wheelbarrow Co.,
Chattanooga, Tenn.

Marvelous to Behold

AMERICAN DISTRICT TELEGRAPH CO.:

I know of nothing we would sooner pay than for your service, especially after the wonderful service you gave us after our fire of May 7.

We always knew the peace of mind that comes from having your burglar alarm installation, but we never before knew just how much service you people can give in an emergency. The way you had your men look after our place after our burglar alarm service had been burned out was marvelous to behold and something which we shall never forget.

In a couple of months we will again be back at our old stand, and we wish you to please arrange to have a new A.D.T. system installed so that it will be in when we are ready to again open.

W. A. MIEROW

Mierow's
Tacoma, Wash.

Passes First Test

AMERICAN DISTRICT TELEGRAPH CO.:

This is the first real test we have had of your Aero Automatic Fire Alarm System. It worked 100% to our satisfaction with the result that the damage was negligible, but the loss could have been large, not only in dollars and cents but in production, which would have been a loss to the war effort.

J. H. ROCH

National Lead and Oil Co. of Penna.
Pittsburgh, Pa.

A NATION-WIDE ORGANIZATION

The American District Telegraph Company (A.D.T.), founded 1873, is the only nation-wide organization specializing exclusively in electric protection services.

A.D.T. Central Stations serve upward of 32,000 subscribers in 350 municipalities from coast to coast. The aggregate property values protected by A.D.T. exceed twenty-two billion dollars. This figure does not include the values of cash and securities in the U.S. Treasury, U.S. Mints, Federal Reserve Banks and branches, thousands of banks throughout the country, or the U.S. bullion depositories at Fort Knox and West Point, all of which employ one or more A.D.T. Protection Services.

SPRINKLER SUPERVISORY AND WATERFLOW ALARM: Makes the sprinkler an automatic fire alarm. Electrically supervises all vital parts of the sprinkler system.

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

WATCHMAN SUPERVISORY AND MANUAL FIRE ALARM: Watchman's patrol stations are electrically connected with the Central Station, which investigates any failure to signal on time. Manual Fire Alarm Boxes provide means to summon the fire department quickly and accurately.

BURGLAR ALARM: Any unlawful entry or irregular opening is automatically detected and immediately investigated by A.D.T. guards with police cooperation.

HOLDUP ALARM: Provides means for secretly summoning police in case of attack by bandits or other emergency.

INVISIBLE RAY (PHOTOELECTRIC) ALARM: Protective medium is beam of invisible light. For boundary protection, paralleling fences, and for any open areas indoors or out.

TELEAPPROACH: Surrounds safe or metal cabinet with a field of radio waves. Approach of any person within the electrical field results in an alarm.

HEATING SYSTEM SUPERVISION: Automatically detects and reports abnormal conditions in heating systems.

INDUSTRIAL PROCESS SUPERVISION: Automatically detects and reports abnormal conditions in various industrial operations.

AUTOMATIC FIRE CONTROL FOR AIR DUCT SYSTEMS: Provides automatic smoke and fire detecting and alarm devices for air conditioning and other air duct systems.

• EDITORIAL •

Why Small Fires Become Big

During 1943 there occurred in the United States and Canada a total of 105 large-loss fires, each of which resulted in a loss of \$250,000 or more. This is an increase of twenty-five fires, or thirty-one per cent over the number reported in 1942, the first year of the war, in which there was an increase of sixty-seven per cent over 1941.

There were hundreds of other fires resulting in somewhat smaller losses, but an analysis of the contributing factors responsible for these 105 large-loss fires gives an interesting sidelight on why small fires become big.

These include (1) Structural Factors, such as inferior construction, excessive areas, lack of sufficient exposure protection and unprotected vertical openings; (2) Occupancy Factors, such as highly inflammable contents, excessive burnable stocks, flammable liquids and gases, unsafe heating equipment; (3) Fire Protective Factors, such as lack of adequate private or public protection, lack of fire doors or cut offs, sprinkler systems shut off; (4) Fire Fighting Factors, such as difficulty of access, poor fire fighting methods, inadequately trained firemen; (5) Water Supplies, such as inadequate water supply, shortage of hydrants, pump failures; (6) Delays in Giving The Alarm, such as belated discovery, efforts to extinguish before giving the alarm.

In forty-two cases or forty per cent of the total, Delay in Giving the Alarm was a leading contributing factor — convincing evidence of what a substantial decrease in the annual toll taken by fire could be effected if all properties were equipped to detect and report fire *automatically*.

On the Cover

As we go to press the toll of lives taken in the greatest disaster in circus history stands at 159. The cause is undetermined but a "fire resistant" and not "fireproof" tent was definitely responsible for the rapid spread of the flames. Apparently only luck has prevented such disasters in the past, but unless this holocaust is soon forgotten the circus of the future will incorporate all possible fire prevention features to make a repetition impossible.

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, 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. XVI

JULY-AUGUST, 1944

No. 7

TOO ACTIVE ATHLETES

Indoor Contest is Called Off on Account of "Rain"

An impromptu athletic contest was being staged during the noon hour on June 6 by some youthful employees of the S. B. Hubbard Company, Jacksonville, Fla. The lads were swinging back and forth on a sprinkler pipe on the fourth floor when, without warning, water gushed forth causing the contestants to scatter in the face of an impending flood.

Fortunately for the wholesale hardware concern, the sprinkler system was A.D.T. supervised. Within a few minutes firemen were in the building, and noting the trouble they promptly shut off the water and went to work with mops, sawdust, and salvage covers to prevent the water from damaging any of the valuable stock.

According to J. P. Whittlesey, president of the firm, the local alarm bell on the sprinkler system evidently was out of order, for those in charge were unaware of the trouble until informed over the telephone by A.D.T.

The prompt action kept the loss down to approximately three hundred dollars.

BYE, BYE BONDS

He knew a good thing when he saw it; for a burglar who broke through a rear window of the Tingue Brown Company in Atlanta, Ga., on May 14, took two war bonds belonging to the firm's owner.

Through an A.D.T. burglar alarm received when the thief forced open a protected window, he was promptly turned over to the police and the bonds were returned to their rightful owner who sustained no loss whatsoever.

ROUT TWO ATTACKING SAFE

Burglar Sustains Serious Injury Fleeing From Police After Alarm System Reveals Attack on Jewelry Store

Two criminally-minded G.I.'s on the loose from Camp McKay, Massachusetts made a very imprudent attempt to rifle the safe of the Prudential Loan Company in Boston on June 26.

At 2:30 a.m. the boys smashed the glass in the store's entrance door, which was not protected by Burglar Alarm equipment, and set about helping themselves to a few of the choicer trinkets from the showcases.

Apparently, however, they were looking for bigger loot, for they soon went to work trying to open the A.D.T. protected cabinet enclosing the firm's safe. Guards and police arrived within two minutes, whereupon the two cracksmen flung themselves through a large rear plate glass window where they plummeted to the street fifteen feet below.

Police took up the chase and quickly had one of the burglars who had sus-

tained a broken kneecap. He was taken to police headquarters and then to a hospital. The other man made a getaway, but his identity is known and without a doubt he will be soon apprehended.

George Levine, manager of the store reported no loss. The burglars had not succeeded in opening the safe and the few things taken from the showcase, mostly chains, were recovered from the captured culprit's pockets.

CONFIDENCE REWARDED

Watchman Released After Guard Finds Him Trapped in Elevator

"I wasn't worried because I knew an A.D.T. man would come to release me."

With these words a watchman for the Brady-Waxenberg Co., Moline, Ill., stepped out of an elevator which had stuck when he ran it down too low, trapping him inside so that he was unable to extricate himself.

The trouble occurred just before the watchman was due to start his 4:00 a.m. round. When the watchman's starting signal did not appear on the tape in the A.D.T. Central Station, a guard went to the building and entered with a key provided for the purpose. There he found the watchman calling from the basement where he was locked inside the elevator.

Central Station operators notified members of the firm who dispatched electricians to put the elevator in working order. The watchman finally was released at 5:29 a.m., none the worse for his experience.

WASTE BASKET BLAZE

Whether it was a shortage of ashtrays or just plain carelessness has not been determined, but in any event someone tossed a lighted cigarette in a waste basket in the plumbing inspector's office at the Charleston, S. C. City Hall on May 29. The waste paper flared up momentarily creating quite a blaze. Employees quickly put it out but not before the rising heat had set off the Aero Automatic Alarm.

Firemen who responded found nothing to do, but everyone expressed satisfaction on the practical demonstration of the efficiency of the building's protective system.

BURGLARY

BANK BANDIT LOSES

Holdup Man in the Red After Suffering Attack of Jitters

It isn't every bank that can experience a holdup and come out on the long end. But that is what happened on May 10 at the Citizens National Bank in Hollywood, Cal.

About 10:30 a.m. a man walked up to a teller who was counting money and laying down a ten dollar bill asked to have it changed. The teller counted out ten one dollar bills and as he started to hand them over the visitor announced that it was a stick-up. The teller dropped the money and dashed away from the window, but to his astonishment the would-be bandit also became panicky and grabbing a few bills ran out of the building.

Police, summoned by an A.D.T. Hold-up Alarm, arrived a few minutes later but found no trace of the bandit. Aside from the fact that he might be dangerous he wasn't wanted very badly, for a checkup of the money disclosed that in his haste to get away he had left three dollars of his original ten lying on the counter.

COULDN'T WRIGGLE OUT

A wiry and wily juvenile delinquent of Chicago found on the night of May 19 that he was not as smart as he thought.

Selecting the only unprotected opening to the Greenstein Bros. Drug Store, a ventilating fan in the kitchen, ordinarily inaccessible except to a person of diminutive proportions, the boy wriggled through it and into the premises at 12:01 a.m.

The lad, who was 13 years old, soon tripped himself up, however, by walking into a floor trap, thereby summoning A.D.T. and the police to the store.

Found hiding behind the cigar counter, he was quickly captured and put in the custody of police officers who took him to a Juvenile Detention Home for further action by the Juvenile Authorities.

SMOKE SIGNAL

Thick smoke filled the building when Guard Brayton of the Oakland A.D.T. Central Station entered a warehouse of the Moore Drydock Company, Oakland, Cal., at 7:43 p.m. on June 3 to investigate a burglar alarm.

Considering the property and values at stake, Brayton took no chances and immediately called the fire department from an A.D.T. Box on the premises. Penetrating the clouded atmosphere, firemen discovered a disabled oil burner which was discharging its fumes into the building instead of up the flue.

The burglar alarm was sent in when the smoke intercepted the beam of an A.D.T. Invisible Ray Device inside the warehouse.

WAREHOUSE WANDERERS

Equipped with a Stillson wrench and a chisel, two youths, 17 and 18 years of age, forced their way into the Binyon Okeefe Warehouse, Fort Worth, Texas, at 1:33 a.m. on June 15.

Using the chisel, they jimmied an unprotected window and entered the building, but in their wanderings through the warehouse they passed through a door protected by the A.D.T. Burglar Alarm. Two minutes later Guard Shiflet, entering the office, heard the sound of tools

dropping on the floor followed by fleeing footsteps.

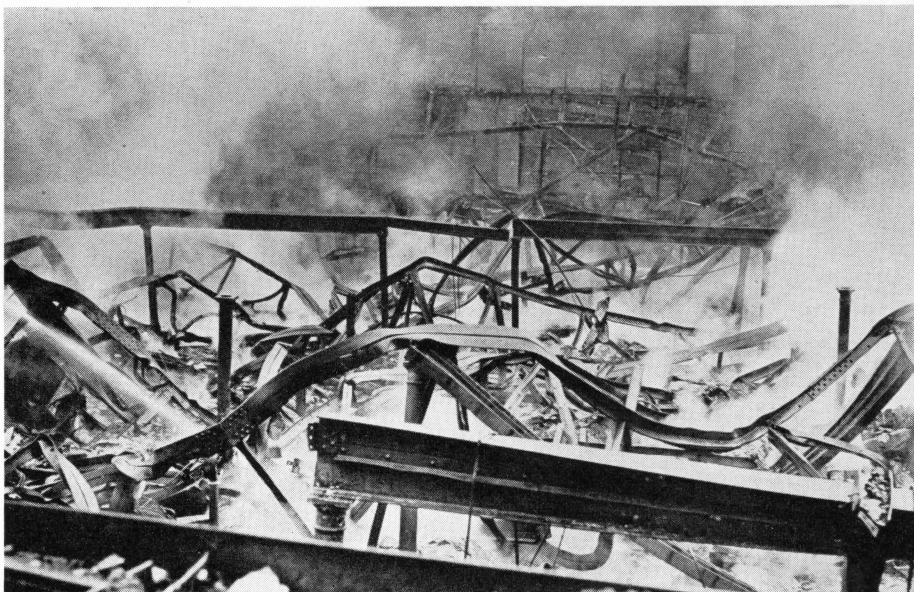
A search of the building revealed the culprits cowering in the corner of a small room on the first floor. They were taken in hand by the police. The owners reported no loss other than slight damage where the burglars had entered the building.

MARAUDERS ROUTED

Robert Lopez, age 17, and Charles McGuire, age 20, of San Francisco, lacking ready cash, decided to do something about it. At 12:34 a.m. on June 9 they entered a building next to the Boilermakers' Hall, where they gained easy access to the roof. Then, crossing over, they jimmied a trap door on the roof of the Boilermakers' building and descended to the floors below.

The two culprits were busy ransacking the place when they heard voices. Scrambling up a ladder to the roof they tried to retrace their steps to the street, but the police officers, answering an A.D.T. burglar alarm, were right at their heels and closed in before they could make their way to safety.

When searched, the pair disgorged from their pockets about fifty dollars in change which they had taken from desks in the Hall.



International News Photo

TANGLED INTANGIBLES—This twisted mass of debris is all that is left of Princeton University's historic forty-one year old Gothic Gymnasium along with its collection of paraphernalia, records, and irreplaceable trophies. The fire which raged unchecked during the night was discovered at 2:30 a.m. and the flames were far beyond control when the apparatus arrived. Loss was \$250,000.

NO MERIT BADGE

All little boys like to play soldier, but one eleven year old lad of Hoboken, N. J. has learned not to pursue the pastime too zealously.

Knowing that the Progressive Silk Finishing Co. of Hoboken was manufacturing military stripes for the armed forces, the youngster broke the glass from a door leading into the plant from a loading platform and was ambitiously removing the Burglar Alarm protection from a second door when an A.D.T. guard arrived.

The boy was reprimanded by the police and given over to the custody of his parents, with the promise that he will earn his stripes, like a good soldier.

*Don't forget
to get
A bunch of bonds
to buy
A bunch of bombs
to bomb
A bunch of bums.*

FIRE

CALAMITY AVERTED

Aero Operates When Trash Barrel Blaze Spreads to Building

Ignited possibly by spontaneous combustion or a discarded cigarette, a trash barrel outside a large double door to the premises of the Denver Fire Clay Company, Denver, Col. burst into flames shortly after midnight on June 1. Burning through the door, the fire entered the building, but on guard inside to detect just such intrusions, the Aero Automatic Fire Alarm sent in its silent warning to the A.D.T. Central Station and the fire department.

Under the conditions extinguishment was not difficult, but it might have been a different story had the fire been permitted a few additional minutes in which to spread to cartons of filter papers, chemicals and other materials stored in the building which is of brick with a wooden interior and roof. As it was the loss was only \$450.



International News Photo

MODEL-FIREMAN — *This fashionably dressed doll looks bored and unbending as the genial fireman removes her to safety after fire damaged the Jean Matou Dress Shop in Washington, D. C. Her inanimate calm would have melted in another few minutes, however, as she is just a wax model. Several thousand dollars worth of clothing was destroyed by the blaze, caused when a customer's cigarette ignited some drapery.*

SUCCESSFUL TEST

For the first time in twenty years, Livingston Bros., a leading style shop in San Francisco, on the night of May 22 had an opportunity to test the efficiency of the A.D.T. Sprinkler Super-

visory and Waterflow Alarm Service which is an important item in the store's protective system.

Two hours after the store closed—or exactly 7:36 p.m.—fire broke out in a closet, apparently the result of a carelessly discarded cigarette. Although the outbreak was immediately extinguished by the sprinkler system there was grave danger to the stock of feminine finery from water which continued to flow after the fire was out.

The San Francisco Fire Department and salvage corps arrived in short order and put an end to the threat. The loss was held to a small amount. Undoubtedly the damage would have been of greater proportions if the store had not been so completely protected.

LEAKING GAS IGNITES

Welders working on steel plates for ships at the Erie City Iron Works, Erie, Pa. were blanketed under a shower of sparks on the evening of June 2 when, without warning, one of the white-hot particles ignited the gas escaping from a leaky connection and touched off a flash fire which destroyed the tank with its hose and connections and scorched the newly-painted walls of the building. An A.D.T. Alarm called firemen who



FIRE SWEEPS CITY HALL—*Birmingham, Ala., saw its City Hall go up in flames for the second time in nineteen years when fire, apparently caused by spontaneous combustion, broke out in a fourth-floor closet about 11:30 p.m. on June 23. As the building was not equipped to detect and report fire automatically the outbreak had gained considerable headway before it was discovered by a night janitor. Loss was \$150,000 not including valuable records destroyed.*

speedily squelched the annoying and potentially dangerous outbreak.

AERO'S ACTION INSPIRING

"We feel that with this protection at the present time that our plant is about as secure from major fire catastrophies as is possible."

This statement by A. W. Schneble, secretary and treasurer of The Advance Foundry Co., Dayton, Ohio, was inspired by the efficient work of the Aero Automatic Fire Alarm in detecting and reporting a blaze in a pile of sacks in the core washroom at 11:36 p.m. on June 8.

Firemen who responded to the alarm were on the premises before the night superintendent was aware of the fire which was quickly quelled before any damage was done to the building.

WATCHMEN

TAR STILLS THREATENED

Watchman's Alertness Brings Quick End to Menacing Blaze

About to complete his 2:00 a.m. patrol of the property of the Barrett Division of the Allied Chemical & Dye Corporation, Youngstown, Ohio on May 26, Watchman Murray spotted an incipient blaze consuming a wooden platform between two tar stills. Acting with a wisdom born of fifteen years' experience, he did not hesitate but promptly turned in an alarm from an A.D.T. Fire Alarm Box only a few feet away.

When the fire fighters came on the scene the blaze was creeping toward the stills which contained highly inflammable tar and chemicals, but efficient work promptly put an end to the threat. An investigation failed to reveal the cause, but it was believed that there may have been a defect in the electrical wiring around the platform. The loss amounted to \$200.

Many miles yet to be travelled—many bullets yet to be fired—many lives yet to be lost—and many bonds yet to be bought. Are you doing your part?

DEATH OVERTAKES WATCHMAN

Upon failure to record the watchman's signal due at 5:00 a.m. on May 31, an A.D.T. guard at Columbus, Ohio, went to the plant of the Central Tablet Manufacturing Co. where he found the man in an apparently lifeless condition. The guard called the Central Station which dispatched the fire department emergency squad on the chance that the watchman might still be alive. Efforts to revive him, however, proved useless and he was pronounced dead.

ORGANIZATION

TO PLAN POST-WAR RADIO

Maxwell H. A. Lindsay, engineering supervisor of the development of Intrusion Detection Systems and other A.D.T. electronic devices, whose photograph we published in April, has been appointed a member of committees 2 and 8 of panel 13 of the Radio Technical Planning Board—a group established to further post-war applications of radio service.

Panel 13 has been set up to establish recommendations on post-war frequency allocations. Committee 2 is specifically concerned with the fire service and

committee 8 with general engineering studies of the project. Howard Pearson, also of the A.D.T. engineering staff, has been appointed an alternate member of the panel.

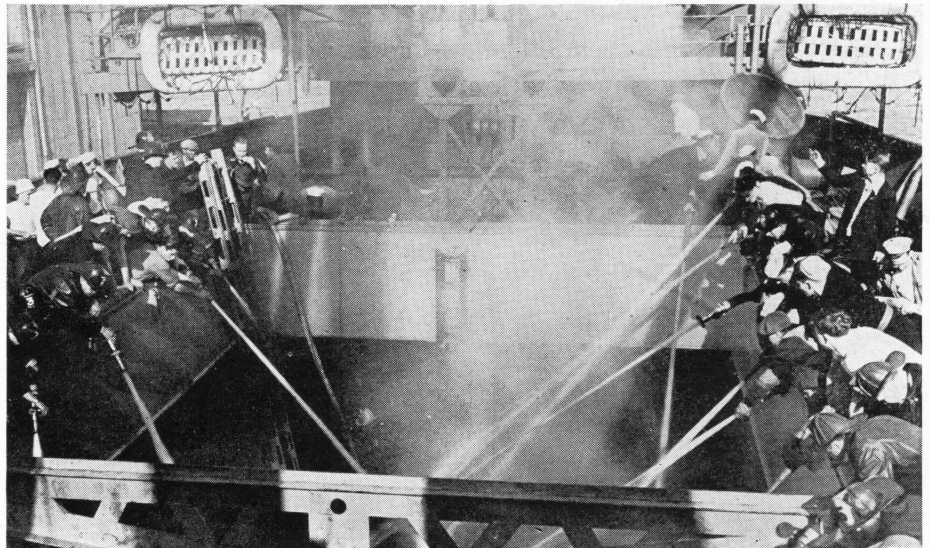
CELEBRATES FIFTIETH ANNIVERSARY

On the occasion of his fiftieth anniversary as a member of the A.D.T. organization, William M. Grimes, supervisor at Washington, was the guest of honor at a dinner given by his friends and associates at the Mayflower Hotel, on the evening of June 27. Following the dinner and brief congratulatory remarks



by each of the guests, Mr. Grimes was presented with a 14 kt., 21 jewel Hamilton wrist watch.

Mr. Grimes began his career with A.D.T. in Washington in 1894 as a messenger boy. His duties soon involved protective signaling operations in which he has since engaged as signal operator, guard and supervisor. In his half century of service Mr. Grimes has performed his duties most efficiently and has won the deep respect and admiration of all who know him.



International News Photo

ALL HANDS ON DECK—This official U. S. Navy photograph shows how our seamen really pour it onto a blaze in their ship's hold. The blaze of undetermined origin broke out in number five hold of the 4,380 ton freighter, Vernon L. Parrington, while she was tied up at the Harborside Terminal, Jersey City, N. J. With all hands manning the hose lines the fire was out within an hour and a half.

THE ROSTRUM

Devoted to Open Discussion of Protection Problems

COMBATING CONTAGIOUS FIRES

The Chief Has Some Ideas About Safeguarding Your Property Against Hazards Created by Careless Neighbors

By PAUL W. KEARNEY

The Chief had concluded his Fire Prevention talk at the Kiwanis luncheon meeting and sat down. When the hearty applause subsided, a distinguished-looking member arose and said:

"Chief, I go along with everything you've said about the responsibility of the individual plant for safeguarding its own inherent hazards: that is definitely the company's problem, not the community's. But what about the concern that scrupulously meets those requirements—only to be threatened on every side by the grave risk of careless, negligent neighbors?"

"A very good question," responded the Chief, rising again. "And I have half a mind to turn it over to Dr. Bromley, our Public Health man, because he could answer it in principle just as well as I."

"It would be nice," he went on, "if we could legislate diphtheria out of existence, but we can't. Dr. Bromley here can minimize it by enforcing public health regulations. And when the boy next door to you comes down with it, he can quarantine the family for the protection of the neighborhood."

"But suppose that boy's little brother sneaks out and wants to come in your house to play with your kids; or suppose his father and mother decide to run over for a hand of bridge—would you stand for that? No; you'd take every precaution you know to safeguard your family even though the Public Health Bureau hasn't a single ordinance that compels you to do it. Because the Law of Self Preservation is a pretty good law."

"All right, sir; a fire is a contagious disease—and that same law still goes. Your plant is probably the best protected plant in the city—but that lumber



STARTED IN A FREIGHT CAR—but with the watchman in a remote part of the building, this fire which destroyed a New Orleans warehouse was not discovered until an A.D.T.-supervised watch man in a warehouse across the street saw the flames and turned in the alarm

yard and box factory in back of you is one of the worst. Sooner or later that guy is going to get 'diphtheria'—and when he does, are you going to let him come into your place to play?"

The Chief paused again to let the analogy sink in, then sailed on. "Few people realize what a large proportion of our fire loss is due to exposure fires. This is because the bulk of our loss anyhow is from a few big fires, not from a lot of little ones; and big fires have a tendency to go places. It follows, therefore, that after you've eliminated all the possible hazards in your own property, you've got to look around and size up all the hazards which threaten you from adjacent properties—and provide against them."

"Under this Law of Self Preservation, there are certain fundamental things which everybody ought to do—but you'd be amazed at how often they are

ignored or bungled. Wire-glass windows need no explanation—but what's the sense of installing wire-glass windows in *wooden frames* which will burn and cancel out the windows? Approved fire doors and shutters are very valuable as exposure protection—but not when they're blocked open or warped or rusted so they won't function. Outside sprinklers have proven a godsend to many a concern threatened by a fierce blaze from an adjoining building—but even they aren't any good if they're shut down or out of commission. And let me say here that the fact that your building is sprinklered inside is not necessarily a guarantee that an exposure fire can't get it. When a fire gets that bad, it's no longer the incipient blaze for which the inside sprinkler was designed, and the intense heat may open so many heads that the whole system will be weakened.

"All these things I've mentioned are good antidotes to contagious fires. So also are employees trained and equipped to do the right thing in a pinch. So also is the trained watchman supervised by an outside central station. And so, I might add while I'm on *that* pet topic of mine, are the various central station automatic systems."

"I know, too, that A.D.T. Central Stations receive *all of our alarms* on the city tapper whether a property of their client is concerned or not. They immediately check the location. And if a subscriber's property is near the outbreak, the Central Station investigates and notifies him at once of any danger. Thus he is able to get to the scene promptly, remove valuable records, provide against water damage, or take whatever other precautions may be necessary."

"It's too bad, of course, that the guy next door wasn't as prudent—but he wasn't, and that's that. Griping about his negligence won't cover any of your losses. And the man who takes all the safeguards within his own four walls—but leaves his rear wall unprotected against the contagious fire from in back—well he's on a par with the man who would make his wife boil all the tableware during a flu epidemic—and then eats lunch in some crowded, sloppy Joe's where they give the dishes a cool rinse and then wipe them off on a filthy towel!"



A.D.T. AUTOMATIC PROTECTION *helps to MEET THE MANPOWER PROBLEM*

*...has enabled many concerns to release
 personnel from guard duty to productive work*

Every able-bodied man assigned to guard or watchman duty is one more man removed from productive work. To help solve increasingly acute manpower problems, increase the extent and efficiency of protection and effect operating economies, many firms have adopted A.D.T. Electric Protection Services—the modern, automatic safeguard against the hazards of fire, intrusion, sabotage, burglary, and the production stoppages and other devastating results of such casualties.

These services, functioning *automatically*, afford maximum protection with minimum guard forces. Adoption of A.D.T. Protection has made it possible for hundreds of plants to eliminate or substantially reduce their guard forces—not only releasing manpower for productive work, but also getting better protection and effecting substantial savings.

We shall be glad to make a survey of your

particular protection problems, without cost or obligation. ★ ★ ★

Invisible Ray Alarm (Photoelectric): Projects beams of invisible light across indoor or outdoor areas. Interruption of beam automatically summons guards and police.

Telapproach (for boundary protection): Electronic devices establish a continuous electrical field adjacent to a boundary. Entrance of any person or vehicle into the electrical field automatically summons guards and police.

Burglar Alarm: Electric Protection for doors, windows, skylights, etc.

Aero Automatic Fire Alarm: Automatically detects fire at its start, and automatically summons the fire department.

Sprinkler Supervisory and Waterflow Alarm: Automatically detects and reports trouble conditions, whether caused by accident or sabotage, that might impair the sprinkler's effectiveness. Automatically summons fire department the instant a sprinkler head opens, or in case of a dangerous leak.

For further information on these and other A.D.T. Protection Services, write to A.D.T. Executive Offices, 155 Sixth Avenue, New York.

A. D. T. ELECTRIC PROTECTION SERVICES

Controlled Companies of **AMERICAN DISTRICT TELEGRAPH CO.** 155 Sixth Ave., New York
 CENTRAL STATION OFFICES IN ALL PRINCIPAL CITIES OF THE UNITED STATES



Electric Protection Services
AGAINST FIRE · BURGLARY · HOLDUP
 A NATION-WIDE ORGANIZATION