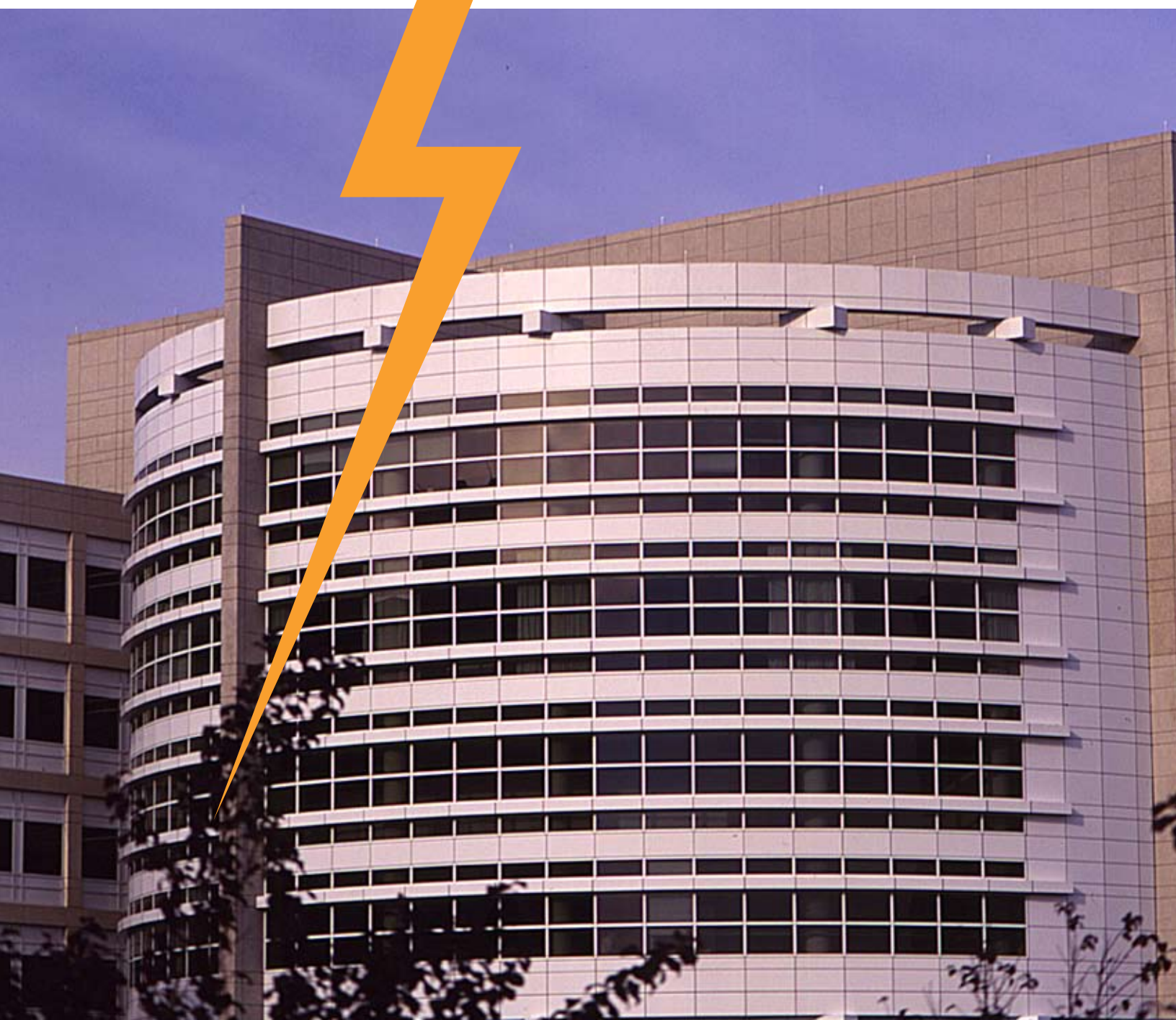




LIGHTNING PROTECTION

SECURITY FOR TODAY'S COMMERCIAL PROPERTIES



Get grounded.™

EAST COAST LIGHTNING EQUIPMENT



LIGHTNING FACTS

#1

According to the Insurance Information Institute, lightning is the number one cause of church fires (30.2%) in the U.S.*

5 – 6 billion

Property losses due to lightning exceed \$5 billion in the U.S. annually.*

3 – 5%

Between 3 – 5% of all commercial insurance claims are lightning related.*

20,000,000

Lightning strikes 20 million times each year in the U.S.*

PROTECTING

FACTORIES
AIRPORTS
SCHOOLS
CHURCHES
OFFICES
HOSPITALS

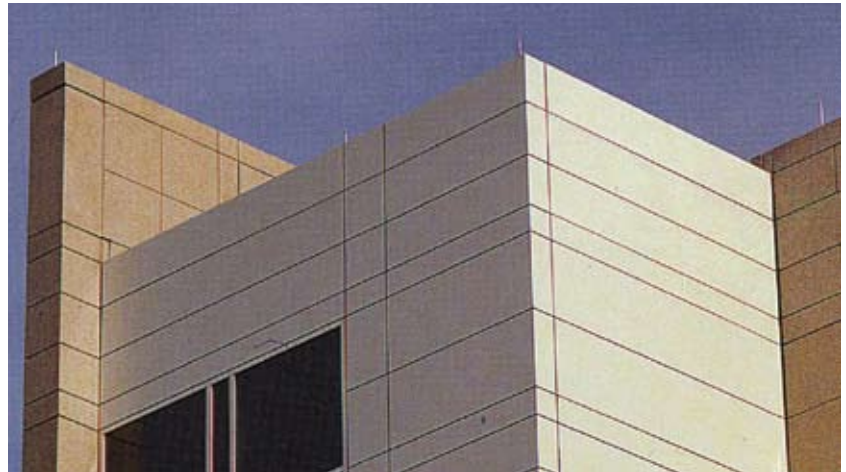
*Source: Factory Mutual Insurance Co.



Why risk?

A properly installed lightning protection system safe-guards a business structurally and also protects property, inventory, electronic equipment and personnel from the destructive forces of lightning. As with

fire alarms, sprinklers, and security systems, a lightning protection system provides the peace of mind that comes from knowing that a potentially catastrophic problem has been dealt with proactively.



DESIGN MATTERS.

Design is important, which is why modern lightning protection systems are made to blend with the style of a structure, making the system practically undetectable from the ground. It is also imperative that all of the metals in a lightning protection system are

compatible with all of the metals in a structure and that the system complies with Underwriters Laboratories and National Fire Protection Association lightning protection standards. This is why ECL only sells to qualified installation specialists.

PROTECT AGAINST LOSS.

It's Simple

A lightning protection system performs a simple task. It provides a specified path on which lightning can travel. When a building is equipped with a lightning protection system, the destructive power of the lightning strike is directed safely into the ground, leaving the structure, personnel, and equipment unharmed.

The Primary Components

A lightning protection system should include all of the following elements, which work together to prevent lightning damage:

- Strike termination devices (rods)
- Conductor (cable)
- Bonds with metallic bodies
- Ground electrodes
- Surge suppression devices (SPD's)

Compliance Counts

Nationally recognized safety standards for lightning protection system design and installation are maintained by the National Fire Protection Association (NFPA 780) and Underwriters' Laboratories (UL96A). These standards are designed to help ensure safe, effective protection

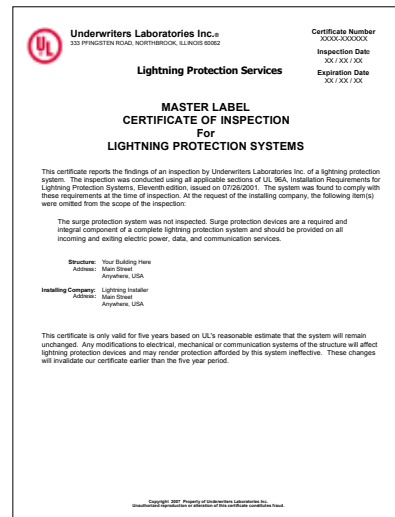
from lightning. The Lightning Protection Institute (LPI) also produces a standard for lightning protection system design and installation (LPI 175). To assure quality and compliance, UL representatives visit our factory on a regular basis to inspect and test our products.

Electronic Protection

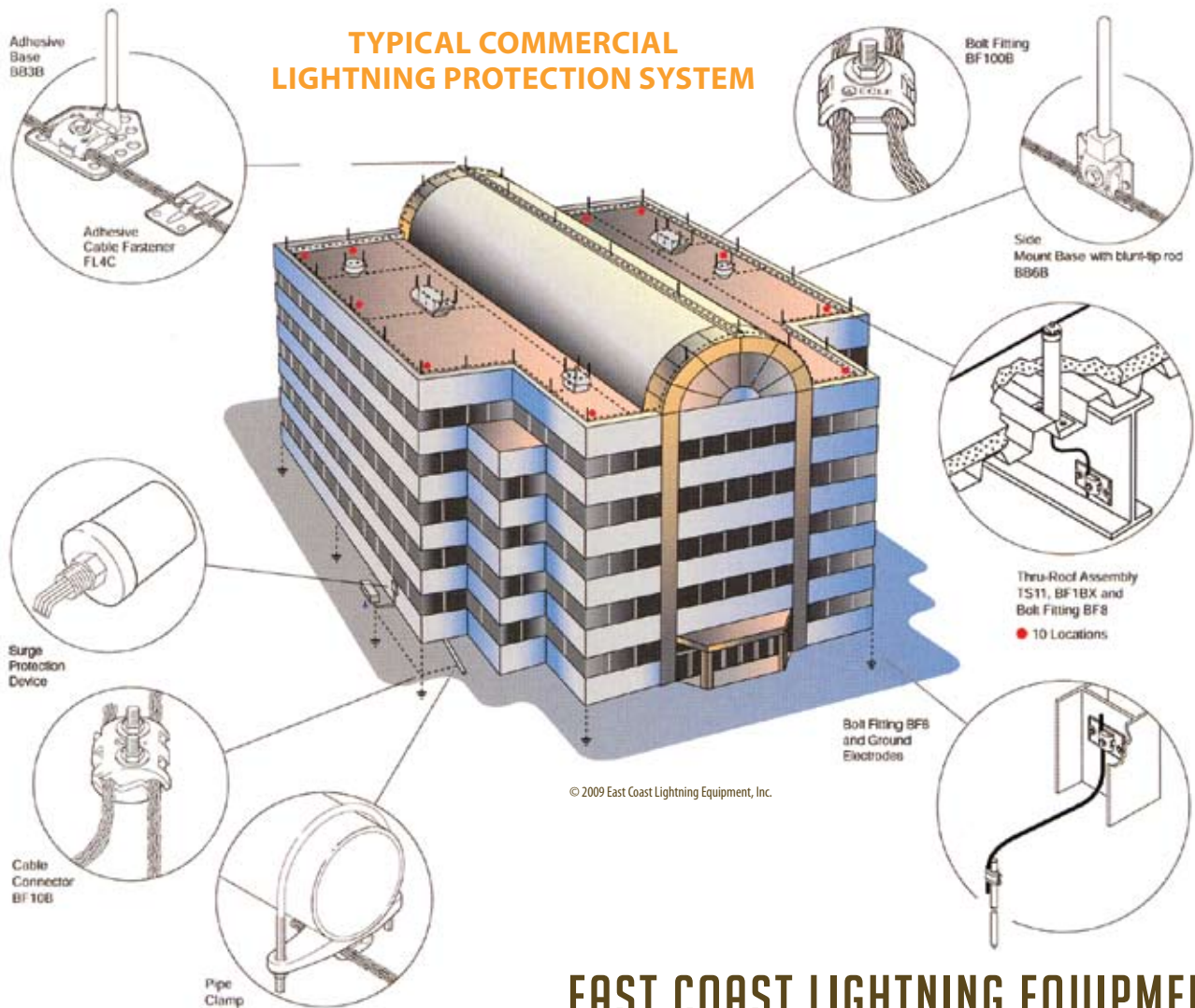
Modern facilities are especially vulnerable to the havoc that lightning can wreak on sensitive electronic equipment. To assure the highest level of protection, UL-listed lightning surge protection devices should be installed on electric service panels. Surge protection devices (SPD's) are the first line of defense against harmful electrical surges that can enter a structure through power lines.

current, surge protection devices prevent electrical fires and protect against transients that can damage a building's electrical system. For additional protection, UL-listed transient voltage surge protection devices can be installed to protect specific electronic components. A qualified lightning protection specialist can make recommendations for surge protection that is tailored to the specific facility.

By filtering and dissipating the harmful



UL's Master Label certificate signifies that the lightning protection system is installed in compliance with national safety standards.



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EAST COAST LIGHTNING EQUIPMENT

QUALITY MATTERS.

Since 1984, ECLE has been a leading supplier of quality, UL-listed lightning protection components. ECLE's products are listed and labeled for the UL Master Label Certificate Program for Lightning Protection. Specifiers rely on the UL Master Label to ensure compliance

for individual lightning protection installations. ECLE products also meet or exceed the requirements for lightning protection established by the National Fire Protection Association and the Lightning Protection Institute.



NEED ASSISTANCE?

In addition to our complete line of quality lightning protection equipment, our **nationwide network** of representatives provide design, specification, and consultation services to assist you with your specific needs. When questions arise

about lightning protection, it is important to remember that ECLE is the leading resource for quality products and accurate, up-to-date information.

If safety is important to your business, contact our representative in your area.

