Manny Muniz

- California Deputy State Fire Marshal (Ret.)
- Consultant to the PSA
- Standards Technical Panel (STP) member of UL 294 Emergency Lighting and Power Equipment
- ASTM E12.13 Committee member on Photoluminescent Safety Markings
- Code Interpretation Committee & Code Development Committee member for the National Code Services Association (NCSA)
Photoluminescent EXIT Path Markings
PL Advantages

- Non-electrical
- Non-radioactive
- Non-hazardous
- Extremely low maintenance
- Extremely reliable
- Used on planes, ships, trains
PL Safety Products

- EXIT signs high and low
- Floor identification signs
- Path markings
  - Stair nosing
  - Stair landings
  - Stair handrails
- Exit door frames & door hardware
- Obstacles
2009 IBC - Exit enclosures, including vertical exit enclosures and exit passageways, in all new high rise buildings.

2009 IFC - Exit enclosures, including vertical exit enclosures and exit passageways, in all existing high rise buildings.
Where Required

- Special Amusement Buildings
- State of California
- State of Connecticut
- City of New York
When Required

- 2009 IBC/IFC for new & existing high rise buildings.
  - When adopted by a state or local authority having jurisdiction (AHJ).
When Required

- Special Amusement Buildings: Current
- State of California: Current
- State of Connecticut: 3/??/09
- City of New York: Current
Vertical Exit Enclosure
Vertical Exit Enclosure
Corridors

Lights on  Lights off

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Industrial
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Standards

- UL 924, Emergency Lighting & Power Equipment for exit signs
- UL 1994, Luminous Egress Path Markings Systems
- ASTM E2072, Standard Specification for Photoluminescent Safety Markings
The Future?

FCIA + PL