



2009-2010



## EVENTS

ICC Codes and Standards Meeting  
IES Illuminating Engineering Society  
committee meeting  
NFPA 70 Report on Comments  
APA American Planning Association  
annual show New Orleans, LA  
IAEI section and local meetings



## Electrical

### **NFPA 70** NEC National Electric Code

- Provide training on 2005-2008 with our NEC lessons series.
- Provide Proposals and Comments on the 2011 Code
- Member services on code issues
- Work with electrical inspectors on signs



# Electrical

## **NEC 2011 Comments:**

- LED System definition
- Informational notes for clarity
- Marking: visible during service, durability, section sign instructions
- Disconnects: clean up lockable and :no other load"



# Electrical

## **NEC 2011 Comments:**

- Class 2 exception for bonding
- Add “installation instructions” for field installed secondary wiring.
- Add Class 2 for secondary wiring
- Add Class 2 for transformer and power supply sections



# Electrical

## **NEC 2011 Comments:**

- Create a new 600.33 with help from a Task group including ISA, UL and IAEEI inspection to write the secondary wiring requirements for Class 2 circuits used in signs and outline lighting.



# Electrical

## **UL Sign Industry Business Panel:**

- Mission Statement Completion
- On-line Training, Industry reviewed and commented on, would like feedback on changes or corrections.
- Harmonization Status, industry does not wish to harmonize until the standards are current, have some time being applied.



## Electrical

### **UL Sign Industry Business Panel:**

- Subscriber Letter, reviewed and commented on new certification program and options. Currently Option 1 was suggested to retain MTR. Option 4 to be a work in progress.





## Electrical

### **UL Sign Industry Business Panel:**

- VN Notices. Numerous proposals and VN matrix was presented by industry. Member stories presented, resolution on additional training provided and our proposals rejected.
- Note: #1 Reason this panel was established.



## Electrical

### **UL Sign Industry Business Panel:**

- Communication: Provide reports on our blast e-mail; provide UL space on our web site, seminars and display space for UL at Sign world.
- Liability. No action
- AHJ'S No report



## Electrical

### **UL Sign Industry Business Panel:**

- Follow-Up Would like follow-up service to be more consistent across the country. Inspectors should be trainers and partners not the sheriff in town with a fine book.



## Electrical/Lighting

### **UL Sign Industry Business Panel:**

#### Energy Efficiency

- Energy Compliant Signage
- ANSI Standard acceptable in North America by local jurisdiction.
- Marking and labeling



# Electrical/Lighting

## **USSSC Contribution**

Provide numerous studies and publications with Penn State University based on Illumination levels concerning Public and Traffic Safety:

CD Provided has five specific illuminated studies.



## Electrical/Lighting

Currently being printed:

On-Premise Sign lighting: Terms,  
Definitions, Measurement.

Empirical data to develop a realistic  
approach to energy conservation while  
not sacrificing public and traffic safety



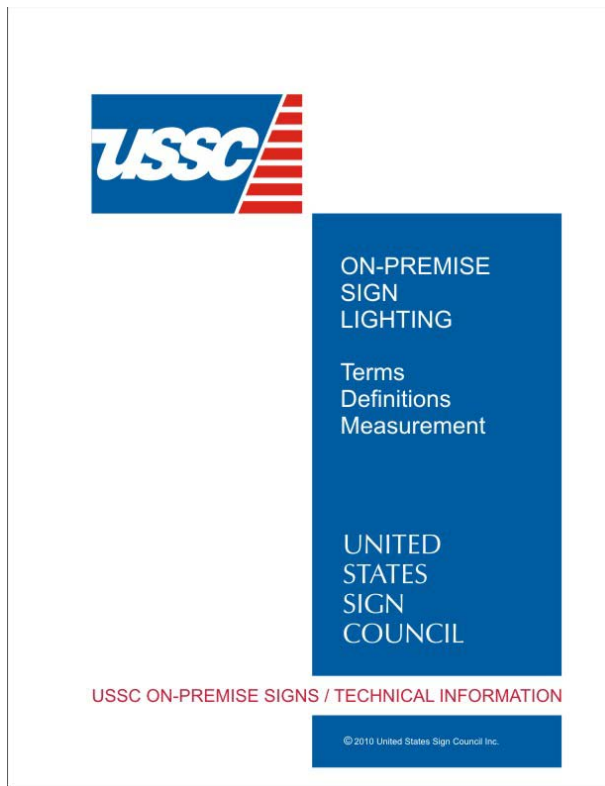
# On Premise Signs & Illumination

Sign Lighting & Traffic  
Safety

Energy Conservation  
Issues-do they apply to  
signs?

Photometric measurement

Regulation based on  
Research





# Involvement

## **STP Participation**

- UL 48 (no current activity)
- UL 879 (errata corrections)
- UL 814 (no activity)
- UL 2161 (no activity)

## **UL SAM Manual**

- Help membership on SAM issues





# Involvement

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## **USSC TASK GROUP**

- Membership task group to review all electrical participation

## **IAEI Electrical Inspectors**

- Seminars on signs and outline lighting
- Articles for IAEI news
- Free admission to Seminars and Show



# Involvement

## **IAEI** Electrical Inspectors Continued:

- Sharing of technical information
- Edit and review “Neon Lighting” a Professional Advantage ( Inspector handbook for sign inspections)
- Member pricing on all reference materials



# Involvement

## **NECA** Standards and Safety

National Electrical Contractors Association

- Review and comment numerous documents for ANSI approval

## **ICC** International Code Council

- Provide comment on standard changes
- Provide member service on compliance to the building code



# Electrical/Safety

Electrical safety based on NFPA 70E

Personal Safety based on OSHA  
regulations

Personnel and equipment safety based on  
OSHA regulations

Assist companies in "Tool Box" meetings

Member service to fined members



## In Conclusion

- Fast track UL 48 15<sup>th</sup> addition
- Ensure Follow-Up consistency and add participation in training
- Listen to industry feed back on VN fines
- Cost considerations (value-added)
- CON-ED annual program



In Conclusion

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Thanks for your  
consideration