# Committee Agenda

Codes and Standards Surveillance

Date and Time: September 12, 2016 1:00-5:00 PM

Location: Sacramento, CA

Chairperson: John Svendsen

Agenda:

| Topic | Discussion | Conclusions |
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| Welcome | **Leader: <u>John Svendsen</u>**<br><br>Introduction of committee officers<br><br>Recognition of those attending committee meeting for the first time | |
| Review and update of membership | **Leader: <u>Robert Simmons</u>**<br><br>Request any information relative to changes in personnel data from attendees | See attendance sheet<br>49 in attendance<br>8 new |
| Meeting minutes from the Spring conference in San Antonio. | **Leader: <u>Robert Simmons</u>**<br><br>Request any amendment to minutes previously distributed and move to accept as appropriate. | Minutes approved unanimously |
| Review Mission statement, and initiatives of the C&SS committee | **Leader: <u>John Svendsen</u>** | |
| Presentation | Dr. Karim – Lead structural engineer at OSHPD | Dr. Karim's on requirements for OSHPD (OSP) see attachment "b" for presentation |
| Working Group Updates | | |
| Working Group update-Steve Sappington, UL 2200 | | George Langton fro UL presented on both 2200 and 6200 |
| Standards Review:<br>-Herb Whittall | | Herb Whittall gave summary<br>. See end of document. |

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| NFPA 70 (NEC) | | |
| NFPA 99, 110, 111, 70 | | |
| International Code Council<br>International Building Code. (IBC) | | |
| UL2200 (Stationary Generators) | | |
| UL2201 (Portable Generators) | | |
| IEEE 1547.1aStandard Test Procedures for Distributed Resources | | 1547 vote on revision by the end of the year. |
| IEEE 1547.2 – IEEE 1547 Standard for Interconnecting Distributed Resources with Electric Power Systems.” | | |
| IEEE 1547.3 – “Draft Guide for Monitoring Information Exchange and Control of DR Interconnected with EPS” | | |
| IEEE 1547.4 – Standard for Design, Operation, and Integration of Distributed Resource Island System with Electric Power Systems.” | | |
| IEEE 1547.5 | | |
| IEEE 1547.6– “Draft Recommended Practice for Interconnecting Distributed Resources with Electric Power Systems Distribution Secondary Networks.” | | |
| IEEE 1547.7 | | |
| IEEE 1547.8 – Extended Use of IEEE 1547 Voltage and Frequency Ride through Requirements | | |
| ISO 8528 | | |

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| ISO 8578-5<br>Reciprocating Internal Combustion Engines Driven Alternating Current Generator Sets – Part 5 Generator Sets. | | |
| ISO 15615<br>Reciprocating Internal combustion engines – Measurement procedure for exhaust silencers – Sound power level of exhaust noise and insertion loss using sound pressure level and power loss ratio | | |
| UL 1778 Uninterruptable Power Systems 2nd Edition | | |
| **NEW BUSINESS** | | |
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| Adjourn | **Leader: <u>John Svendsen</u>**<br>Receive motion and vote on adjournment | Motion and second to adjourn. |
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## Action Items

| Item | Person(s) Responsible | Deadline |
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Herb Whittall Report:
Codes & Standards Update:
On June 9th and 10th, the Electrical Committee of NFPA 99 “Health Care Facilities” met in Dallas, TX for the second revision meeting of the 2018 edition cycle. There were very few actual comments submitted. In fact, half of the comments were kick-backs from the Correlating Committee regarding items covered in the first meeting. This was interesting since Chapter 6, in its entirety, had been revised to reduce the numbering system used without changing any of the content. That task was a huge undertaking and as with anything that big, there were some mistakes made which were corrected for the 2018 Edition. All in all, I think we did a very good job and hopefully (the 2018) new edition will be easier to understand. The other topic of conversation, which included a presentation, concerned Chapter 7 “Information Technology and Communication Systems.” This chapter was also changed a lot in our first meeting last August. The problem with this chapter is that technology is changing so fast, I am not sure a 3-year cycle, which NFPA follows, will keep up with the very quickly changing technologies and how they are affecting healthcare facilities. The subject discussed was nursing station communications and how they interface with other communications systems. Apparently, all these new systems are using large amounts of electricity and healthcare facilities are looking to add additional standby power to keep up with their requirements. This should be good for EGSA Members! Herb Daugherty participated in the IEEE Industrial and Commercial Power Systems Conference May 1st – 5th in Detroit, MI. This Group is part of the Industrial Application Society, which is working on rewriting the IEEE Color Books in a new format. The new format will consist of a “Base” book: “Recommended Practice for the Engineering of Industrial and Commercial Power Systems” and a series of “Dot Standards”. Herb is Co-Chair of Dot standard 3005.2 “Recommended Practice for the Application of Generator Systems for use in Emergency and Standby Systems.” He is also a member of the group writing Base Book (3000) Chapter 3 “Power System Generation and Delivery Equipment.” He was appointed (during this meeting) to the Secretary of the Emergency and Standby subcommittee. As with any of us working on Standards, Herb is open to anyone willing to help him on this IEEE work. Herb and others are also trying to make sure the rewrite of IEEE 1547 Standards do not contain any language that could be of detriment to EGSA members. They need all the EGSA bodies they can get to attend IEEE 1547 meetings. Contact Herb if you can be of assistance. The two requests from EGSA to UL concerning UL 2200 that were submitted in response to the request from Steve Sappington’s (Caterpillar, Inc.) EGSA UL-2200 Subcommittee and approved by the EGSA Board are reported by UL to be “in Process.” The item concerning “valve timing” has a reference number: PR25514. The item concerning Enclosures has reference number: PR25512. For more information concerning these items, refer back to my May/June article in Powerline Magazine. ISO has announced that two standards are open for balloting. The balloting will close on October 5th, so if you have any comments on how I should vote, please contact me as soon as possible. The two Standards are: IS8528-7 – Reciprocating Internal Combustion Engine Driven Alternating Current Generator Sets- Part 7 Technical Declarations for Specification and Design and IS8528- 9-Reciprocating Internal Combustion Engine Driven Alternating Current Generator Sets – Part 9 Measurement and Evaluation of Mechanical Vibrations. The NECA (National Electrical Contractors Assn.) has closed balloting on making their newest document an ANSI standard. The Title is NECA 416-201 “Recommended Practice for installing Stored Energy Systems”. Their recommended practices are fairly basic. I was one of those voting. Steve Sappington notified me of the new requirement for a Manufacturer Declaration of Conformity/Importer Declaration of Conformity required by the Gulf Cooperation Council (GCC) around the Persian Gulf. Members include Saudi Arabia, UAE, Kuwait, Bahrain, Qatar, Oman and Yemen. The Declaration shall state that the equipment will meet the safety and electromagnetic compatibility requirements as set out in Articles (4) and (6) and Annex (1). The declaration is to be in both English and Arabic. As always, codes & standards are a big part of our sphere of influence! On behalf of EGSA, if there is any information or details you’d like to discuss, I am available. Feel free to attend the next Codes & Standards Committee meeting during the EGSA Fall Conference in Sacramento this September. Please send your questions and comments