

Electric League Code Committee Meeting Notes from 10/18/2017 Submitted by Murray L McKinney Jr

Attendance:

Murray McKinney Jr.	Mckinney Assoc.	Allan Toole	Power Plus
Richard Meell	City of Seattle	John A Saldona	City of Seattle
Brook Walker	Electric League	Andrew Pultorak	Puget Sound Energy
David Rankin	City of Seattle	Dennis Straley	Labor and Industries
Len Whalen	LDW Engineering	Michael Brisbois	Siemens
Al Hewitt	Bussmann	Bob Schneider	D. Hittle & Associates
Dan Steinert	McKinstry	Tom Tomlinson	Cummins
Rob Marks	SnoPUD		

Opening:

Presentation of Miscellaneous NEC Code Articles: SDCI - Seattle - David Rankin

- David Rankin Presented on common errors or omissions when plans are submitted for plan review. Rankin has a document available on request of these common issues. A few of the items are listed below:
 - Riser Diagrams and Panel Schedules do not have corresponding ratings for gear sizes.
 - SDCI requires the ground wires to be sized and not labeled "ground per code".
 - The bonding jumper between transformer and the main panel only needs to be size for the wire in a single conduit.
 - Submit the fault current calculations with a matrix of the feeder lengths and wire type.
 - Conductors in the transformer vault shouldn't be counted for fault current calculations.
 - Elevator panels need to be rated for fault current or needs to be protected by a fuse limiting fuse and to be certified by third party.
 - Several manufacturers are re-rating their control panels with higher ratings now.
 - Provide impedance of the transformer to the best of the engineering information.
 - Calculations need to describe why equipment is *non-coincidental* in load calculations.
 - Conductors serving K13 transformers should be considered to have a current carrying neutral and the appropriate derating needs to be incorporated.
 - Cooling Towers - identify load for SDCI with justification. These towers are notoriously complicated in the electrical load calculations.

Labor and Industries – Dennis Straley

- There will be an electrical board meeting in Spokane next month - There will be a review on the scope of work of 04 and 02 electricians.
- Inspector training November 14th and 15th. All cities have been invited. Expect delays for inspections at this time.
- The training is focused on customer interactions. Please provide feedback on inspectors. There are a lot of new inspectors working in the industry.
- Marina Industry is providing feedback about Ground Fault Protection Requirements. The issue will be discussed during the training on November 14th and 15th as part of the training.

City of Seattle – Rich Meell

- Seattle is advertising for new plan reviewer.
- Seattle is averaging 200 inspection stops per day.
- Seattle Electrical Code effect on Saturday.
- Elevators - Unrelated electrical equipment in elevator machine rooms will no longer be allowed.

- John Saldona will be attending these meetings from now.

City of Bellevue – Not Present

PSE – Andrew Pultorak

- Nothing to Report

Snohomish PUD – Rob Marks

- Looking to reduce winter peak demand electrical usage through new energy reducing projects. Sno PUD reviewing how to reduce loads at a pump station.

Energy Code – Dan Steinert

- Nothing to Report

IAEI / NFPA – Al Hewitt

- A WAC update class has taken place.

IEEE / IAS– Not Present

Electric League – Brook Walker

- In November, The Evergreen Consulting will give presentation on Lighting Maintenance Best Practices.

New Business –

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Adjournment