

2008 ELECTRICAL CODE ADVISORY COMMITTEE
MINUTES
September 8, 2008

Call to Order 1:00 p.m.

Roll Call: Tom Kriegish, Truman Surbrook, Dan Decker, Dave Williams
Tom Sanford, Robert Fishel, Lawrence Hidalgo, Mark Bauer

Absent: Lee Schwartz

Bureau Staff: Dan O'Donnell, Shannon Matsumoto, Tracie Pack

Guests: Mike Anthony, University of Michigan, CMP-1,
Darrick Whitaker, DTE Energy, Michigan Chapter IAEI

Code review started.

- A motion was made by Dave Williams, seconded by Lawrence Hidalgo, to rescind 90.3. Motion withdrawn by Dave Williams.
- A motion was made by Lawrence Hidalgo, seconded by Mark Bauer, to accept 90.3 as written in the Part 8 Rules with adding the amended language from the NEC “**applicable as referenced**”. Unanimous approval.

90.3 Code Arrangement. The code includes an administration section. Additionally, the code is divided into the introduction and nine chapters, as shown in Figure 90.3. Chapters 1, 2, 3, and 4 apply generally; Chapters 5, 6, and 7 apply to special occupancies, special equipment, or other special conditions. These latter chapters supplement or modify the general rules. Chapters 1 through 4 apply except as amended by Chapters 5, 6, and 7 for the particular conditions. Chapter 8 covers communications systems and is not subject to the requirements of Chapters 1 through 7 except where the requirements are specifically referenced in Chapter 8. Chapter 9 consists of tables **that are applicable as referenced**. Annexes are not part of the requirements of this Code but are included for informational purposes only.

- A motion was made by Tom Sanford, seconded by Dave Williams, to accept 90.4 as written in the 2008 NEC with the following added language “**The code may require new products, construction, or materials that may not yet be available at the time the code is adopted. In such event, the authority having jurisdiction may permit the use of the products, constructions, or materials that comply with the most recent previous edition of the code adopted by the enforcing agency.**” Unanimous approval.

90.4 Enforcement.

This Code is intended to be suitable for mandatory application by governmental bodies that exercise legal jurisdiction over electrical installations, including signaling and communications systems, and for use by insurance inspectors. The authority having jurisdiction for enforcement of the Code has the responsibility for making interpretations of the rules, for deciding on the approval of equipment and materials, and for granting the special permission contemplated in a number of the rules.

By special permission, the authority having jurisdiction may waive specific requirements in this Code or permit alternative methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.

The code may require new products, construction, or materials that may not yet be available at the time the code is adopted. In such event, the authority having jurisdiction may permit the use of the products, constructions, or materials that comply with the most recent previous edition of the code adopted by the enforcing agency.

- A motion was made by Truman Surbrook, seconded by Tom Sanford, to accept Article 100 as written in the NEC and in the Part 8 Rules. Unanimous approval.
- A motion was made by Truman Surbrook, seconded by Dave Williams, to accept Article 110 as written in the NEC and in the Part 8 Rules. Unanimous approval.
- A motion was made by Mark Bauer, seconded by Dave Williams, to accept Article 200 as written. Unanimous approval.
- A motion was made by Dave Williams, seconded by Lawrence Hidalgo, to accept Article 210.1 to 210.11 as written. Unanimous approval.
- A motion was made by Tom Sanford, seconded by Truman Surbrook, to accept Articles 210.18 to 210.70 as written. Unanimous approval. Section 210.12 has been held for further discussion at October 7th meeting at the request of Lee Schwartz.
- A motion was made by Robert Fishel, seconded by Tom Sanford, to accept Article 215 as written.
- A motion was made by Truman Surbrook, seconded by Lawrence Hidalgo, to accept Article 220 as written. Unanimous approval.
- A motion by Dave Williams, seconded by Mark Bauer, to accept Article 225 as written. Unanimous approval.
- A motion by Lawrence Hidalgo, seconded by Dave Williams, to accept Article 230.40 as written in the NEC and continue to delete the existing exception 3 and renumber the other exceptions. Unanimous approval.

230.40 Number of Service-Entrance Conductor Sets.

Each service drop or lateral shall supply only one set of service-entrance conductors.

Exception No. 1: A building with more than one occupancy shall be permitted to have one set of service-entrance conductors for each service, as defined in 230.2, run to each occupancy or group of occupancies.

Exception No. 2: Where two to six service disconnecting means in separate enclosures are grouped at one location and supply separate loads from one service drop or lateral, one set of service-entrance conductors shall be permitted to supply each or several such service equipment enclosures.

Exception No. 3: A two-family dwelling or a multifamily dwelling shall be permitted to have one set of service-entrance conductors installed to supply the circuits covered in 210.25.

Exception No. 4: One set of service-entrance conductors connected to the supply side of the normal service disconnecting means shall be permitted to supply each or several systems covered by 230.82(5) or 230.82(6).

- A motion was made by Dave Williams, seconded by Lawrence Hidalgo, to accept 230.71(A) as written in the NEC with exception 5 deleted and add the list of equipment not considered a service disconnect. Unanimous approval.

230.71 Maximum Number of Disconnects.

(A) General. The service disconnecting means for each service permitted by 230.2, or for each set of service-entrance conductors permitted by 230.40, Exception No. 1, 3, or 4, shall consist of not more than six switches or sets of circuit breakers, or a combination of not more than six switches and sets of circuit breakers, mounted in a single enclosure, in a group of separate enclosures, or in or on a switchboard. There shall be not more than six sets of disconnects per service grouped in any one location.

For the purpose of this section, disconnecting means installed as part of listed equipment and used solely for the following shall not be considered a service disconnecting means:

- (1) Power monitoring equipment
- (2) Surge-protective device(s)
- (3) Control circuit of the ground-fault protection system
- (4) Power-operable service disconnecting means

- There was discussion on Article 230.205, committee agreed to have further discussions at the next meeting.

Next Meeting – September 16, 2008 at 9:00 AM
Adjourn-4:05 p.m.