



VIRTUAL/TELECONFERENCE
ELECTRICAL CODE ADVISORY COUNCIL
Virtual, 4822 Madison Yards Way, Madison
Contact: Brad Wojciechowski (608) 266-2112
August 26, 2024

The following agenda describes the issues that the Council plans to consider at the meeting. At the time of the meeting, items may be removed from the agenda. Please consult the meeting minutes for a record of the actions of the Council.

AGENDA

12:00 P.M.

OPEN SESSION – CALL TO ORDER – ROLL CALL

- A. Adoption of Agenda (1-2)**
- B. Approval of the Minutes from the July 22, 2024 (3)**
- C. Reminders: Conflicts of Interest, Scheduling Concerns**
- D. Introductions, Announcements and Recognition**
- E. Administrative Matters – Discussion and Consideration**
 - 1) Department, Staff and Council Updates
 - 2) Advisory Council Members
 - a. Froemming, Steven
 - b. Janikowski, Ron
 - c. Jarosch, Christopher
 - d. Krueger, Kyle
 - e. Martinez, Christopher
 - f. Neitzel, Bill
- F. Legislative and Policy Matters – Discussion and Consideration**
- G. Administrative Rules Matters – Discussion and Consideration (4-8)**
 - 1) Proposed updates to SPS Rules relating to Electrical Code
 - 2) Pending or possible rulemaking items
- H. Discussion and Consideration of Items Added After Preparation of Agenda**
 - 1) Introductions, Announcements and Recognition
 - 2) Administrative Matters
 - 3) Election of Officers
 - 4) Appointment of Liaisons and Alternates
 - 5) Delegation of Authorities
 - 6) Education and Examination Matters
 - 7) Credentialing Matters

- 8) Legislative and Policy Matters
- 9) Administrative Rule Matters
- 10) Council Liaison Training and Appointment of Mentors
- 11) Informational Items
- 12) Division of Legal Services and Compliance (DLSC) Matters
- 13) Motions
- 14) Petitions
- 15) Appearances from Requests Received or Renewed

I. Public Comments

ADJOURNMENT

NEXT MEETING: SEPTEMBER 23, 2024

Board Member Training: November 15

MEETINGS AND HEARINGS ARE OPEN TO THE PUBLIC, AND MAY BE CANCELLED WITHOUT NOTICE.

Times listed for meeting items are approximate and depend on the length of discussion and voting. All meetings are held virtually unless otherwise indicated. In-person meetings are typically conducted at 4822 Madison Yards Way, Madison, Wisconsin, unless an alternative location is listed on the meeting notice. In order to confirm a meeting or to request a complete copy of the board's agenda, please visit the Department website at <https://dsps.wi.gov>. The board may also consider materials or items filed after the transmission of this notice. Times listed for the commencement of disciplinary hearings may be changed by the examiner for the convenience of the parties. Requests for interpreters for the hard of hearing, or other accommodations, are considered upon request by contacting the Affirmative Action Officer at 608-266-2112, or the Meeting Staff at 608-266-5439.

**VIRTUAL/TELECONFERENCE
ELECTRICAL CODE ADVISORY COUNCIL
MEETING MINUTES
JULY 22, 2024**

PRESENT: Steven Froemming, Ron Janikowski, Christopher Jarosch, Christopher Martinez, Bill Neitzel

ABSENT: Kyle Krueger

STAFF: Brad Wojciechowski, Executive Director; Joseph Ricker, Legal Counsel; Jake Pelegrin, Administrative Rules Coordinator; Ashley Sarnosky, Board Administration Specialist; and other Department Staff

CALL TO ORDER

Steven Froemming, Vice Chairperson, called the meeting to order at 12:02 p.m. A quorum was confirmed with five (5) members present.

ADOPTION OF AGENDA

MOTION: Christopher Jarosch moved, seconded by Bill Neitzel, to adopt the Agenda as published. Motion carried unanimously.

APPROVAL OF MINUTES OF JUNE 24, 2024

MOTION: Bill Neitzel moved, seconded by Ron Janikowski, to approve the Minutes of June 24, 2024, as published. Motion carried unanimously.

ADMINISTRATIVE RULE MATTERS

Proposed updates to SPS Rules relating to Electrical Code

MOTION: Bill Neitzel moved, seconded by Ron Janikowski, to recommend accepting the proposed modifications in items 1a, 1b, 1c, 1d, 2, 3, 4, 5a, 6a, 6b, 7a, 7b, 7c, 8a, 8b, as presented in the 7/22/2024 agenda materials. Motion carried unanimously.

MOTION: Bill Neitzel moved, seconded by Christopher Martinez, to table discussion of item 5b as presented in the 7/22/2024 agenda materials. Motion carried unanimously.

ADJOURNMENT

MOTION: Bill Neitzel moved, seconded by Christopher Martinez, to adjourn the meeting. Motion carried unanimously.

The meeting adjourned at 1:03 p.m.

Tabled Items - Electrical Code Advisory Committee

ORIGINAL ITEM NO.	ISSUE/REASON FOR CHANGE	WI ADMIN CODE SPS SECTION AFFECTED	EXISTING LANGUAGE AND PROPOSED CHANGES TO SPS	PROPOSED CODE LANGUAGE	COMMENTS & STATUS
March 18, 2024 Meeting					
CODE IN ITS ENTIRETY FOR FORMAT PURPOSES	Revision and Addition	SPS 316.003	<p>316.003 Application.</p> <p>(1) TYPES OF INSTALLATIONS. The provisions of this chapter apply to all new installations, reconstructions, alterations and extensions.</p> <p>(2) TESTING. Rooms which are used exclusively for routine or special electrical test work and are under the supervision of a qualified person shall comply with this chapter where practicable for the character of the testing done.</p> <p>(3) EXISTING INSTALLATIONS. Existing electrical installations shall conform to the electrical code that applied when the installations were installed. An existing electrical installation may be required to be brought into compliance with the current code's requirements by the department and within the time period determined by the department when a hazard to life, health or property exists or is created by the installation.</p> <p>(4) REPAIRS. Repairs to electrical installations shall conform to the electrical code that applied when the installations were installed. A repair may be required to be brought into compliance with the current code's requirements by the department and within the time period determined by the department when a hazard to life, health or property exists or is created by the repair.</p> <p>(5) DIFFERING RULES. (a) Where any department rule in this chapter differs from a requirement within a standard referenced in this chapter, the department rule shall govern. (b) Where a provision of this chapter prescribes a general requirement and another provision of this chapter prescribes a specific or more detailed requirement regarding the same subject, the specific or more detailed requirement shall govern, except as provided in par. (a). (c) Where different sections of this chapter specify conflicting requirements, the most restrictive requirement, as determined by the department, shall govern, except as provided in pars. (a) and (b).</p> <p>(6) ADDITIONS AND ALTERATIONS. Additions and alterations to electrical systems covered by this chapter shall comply with all provisions of this chapter at the time of permit application or, if no permit is required, the beginning of the project.</p>	<p>316.003 Application.</p> <p>(1) TYPES OF INSTALLATIONS. The provisions of this chapter apply to all new installations, reconstructions, alterations and extensions.</p> <p>(3) EXISTING INSTALLATIONS. Existing electrical installations shall conform to the electrical code that applied when the installations were installed. <u>When a hazard to life, health or property exists or is created by an existing installation the authority having jurisdiction may, in the authority's sole discretion, require that the installation be brought into compliance with the current code's requirements within a time period determined by the department.</u></p> <p>(4) REPAIRS. Repairs to electrical installations shall conform to the electrical code that applied when the installations were installed. <u>When a hazard to life, health or property exists or is created by a repair the authority having jurisdiction may, in the authority's sole discretion, require that the repair be brought into compliance with the current code's requirements within a time period determined by the department.</u></p> <p>(5) DIFFERING RULES. (a) Where any department rule in this chapter differs from a requirement within a standard referenced in this chapter, the department rule shall govern. (b) Where a provision of this chapter prescribes a general requirement and another provision of this chapter prescribes a specific or more detailed requirement regarding the same subject, the specific or more detailed requirement shall govern, except as provided in par. (a). (c) Where different sections of this chapter specify conflicting requirements, the most restrictive requirement, as determined by the department, shall govern, except as provided in pars. (a) and (b).</p> <p>(6) ADDITIONS AND ALTERATIONS. Additions and alterations to electrical systems covered by this chapter shall comply with all provisions of this chapter at the time of permit application or, if no permit is required, the beginning of the project.</p> <p>(7) CHANGE OF USE. No change may be made in the use of any building or structure, or any space within a building or structure, unless the building, structure or space complies with the requirements of ch. SPS 316 for the new use.</p>	
March - 6	Delete - in entirety	SPS 316.003 (2)	<p>316.003 Application. (1) TYPES OF INSTALLATIONS. The provisions of this chapter apply to all new installations, reconstructions, alterations and extensions.</p> <p>(2) TESTING. Rooms which are used exclusively for routine or special electrical test work and are under the supervision of a qualified person shall comply with this chapter where practicable for the character of the testing done.</p>		<p>(2) DIS is recommending that this section has no applicability and lacks relevance with modern standards. This is unique to Wisconsin Admin Code only.</p> <p>DIS recommends this item be deleted in its entirety.</p> <p>Presenter: Craig</p>
March - 7	Revision - Addition	SPS 316.003 (3)	<p>316.003 Application. (3) EXISTING INSTALLATIONS. Existing electrical installations shall conform to the electrical code that applied when the installations were installed. An existing electrical installation may be required to be brought into compliance with the current code's requirements by the department and within the time period determined by the department when a hazard to life, health or property exists or is created by the installation.</p>	<p>316.003 (3) EXISTING INSTALLATIONS. Existing electrical installations shall conform to the electrical code that applied when the installations were installed. <u>When a hazard to life, health or property exists or is created by an existing installation the authority having jurisdiction may, in the authority's sole discretion, require that the installation be brought into compliance with the current code's requirements within a time period determined by the authority.</u></p>	<p>New definition of AHJ created with note to make clear that both a municipality or the department can be an AHJ, but the department retains authority to make ultimate determinations. Updated text in blue.</p> <p>DIS recommends that the verbiage be changed from "may" to "shall" and giving the authority to the delegated agent. The "AHJ" must identify a safety issue and have it corrected per SPS 305.62(6)(b)</p> <p>Revised for Clarity.</p> <p>Presenter: Craig</p>
March - 8	Revision - Addition	SPS 316.003(4)	<p>316.003 Application. (4) REPAIRS. Repairs to electrical installations shall conform to the electrical code that applied when the installations were installed. A repair may be required to be brought into compliance with the current code's requirements by the department and within the time period determined by the department when a hazard to life, health or property exists or is created by the repair.</p>	<p>316.003 Application. (4) REPAIRS. Existing electrical installations shall conform to the electrical code that applied when the installations were installed. <u>When a hazard to life, health or property exists or is created by an existing installation the authority having jurisdiction may, in the authority's sole discretion, require that the installation be brought into compliance with the current code's requirements within a time period determined by the authority.</u></p>	<p>New definition of AHJ created with note to make clear that both a municipality or the department can be an AHJ, but the department retains authority to make ultimate determinations. Updated text in blue.</p> <p>DIS recommends that the verbiage be changed from "may" to "shall" and giving the authority to the delegated agent. The "AHJ" must identify a safety issue and have it corrected per SPS 305.62(6)(b)</p> <p>Revised for Clarity.</p> <p>Presenter: Craig</p>

March - 9	Create - New Addition	SPS 316.003 (7)		316.003 (7) CHANGE OF USE. No change may be made in the use of any building or structure, or any space within a building or structure, unless the building, structure or space complies with the requirements of ch. SPS 316 for the new use.	The Department now recommends rejecting proposed changes to this section in favor of adding notes to 316.003 (3) and 316.020 (1), below. Presenter: Craig
April 22, 2024 Meeting					
April - 3	Revision - Addition	SPS 316.007 (1) (a)	316.007 Adoption of standards by reference. (1) PRIMARY STANDARDS. The following standards are incorporated by reference into this chapter, subject to the modifications specified in this chapter: (a) Except as provided under par. (a)(b), National Fire Protection Association (NFPA), One Batterymarch Park, Quincy, MA 02169-7471, telephone 800-344-3555, www.nfpa.org; NFPA 70 National Electrical Code, (NEC) 2017.	316.007 Adoption of standards by reference. (1) PRIMARY STANDARDS. The following <u>standard is</u> incorporated by reference into this chapter, subject to the modifications specified in this chapter: (a) National Fire Protection Association (NFPA), One Batterymarch Park, Quincy, MA 02169-7471, telephone 800-344-3555, www.nfpa.org; NFPA 70 National Electrical Code, (NEC) <u>2023, including all Temporary Interim Amendments prior to XXXXX XX XXXX.</u>	DIS recommends adopting the first printing and the printed TIA's at the time that the code is submitted by the Department. TIA's are continually being added or taken out throughout the lifetime of the code. Language from previous meeting updated to include TIAs. Edits from previous language are in blue. Presenter: Craig
April - 8	Revision - New Addition	SPS 316.013 (4)		316.013 (4) Record keeping. (a) Municipal enforcement. Municipalities that have adopted an ordinance to enforce this code shall maintain records in accordance with all of the following: 1. A record shall be made of each visit to a site, each inspection type performed and the pass or fail results of each inspection. 2. Applications, plans, forms, correction orders, correspondence, permits, and inspection records shall be maintained for seven (7) years after completion. (b) Contracted agents- State enforcement. Inspectors working under state contract shall maintain records in accordance with the provisions of the contract that was in effect at the time the inspections were completed.	DIS recommends this proposed code addition as is. Record keeping for inspections is inconsistent across the state and this section will provide clear guidance as to what records must be kept to satisfy existing periodic audit requirements. Updated to directly parallel similar language in SPS 320.10(6). Edits from previous language are in blue. Presenter: Kirk, Craig, and Joe F.
April - 11	Revision - Addition	SPS 316.090	316.090 Introduction. The requirements specified in 2011 and 2017 NEC 90.1, NEC 90.2, and NEC 90.4 are not included as part of this chapter.	316.090 Introduction. The requirements specified in <u>2023</u> NEC 90.1, NEC 90.2, and NEC 90.4 are not included as part of this chapter.	DIS recommends this proposal stay as proposed. Modified / update to proposed code cycle. Presenter: Craig
May 20, 2024 Meeting					
May - 1		SPS 316.210 (1)	316.210 Branch circuits: (1) GROUND-FAULT-CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL. (a) The requirements in 2017 NEC 210.8 (A) (7) do not apply to sinks located in kitchens. (b) The requirements in 2017 NEC 210.8 (A) (9) and (10) are not included as part of this chapter. (c) Substitute the following wording for 2017 NEC 210.8 (B): All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the following locations shall have ground-fault circuit interrupter protection for personnel. (d) This is a department exception to the requirements in 2011 NEC 210.8 (A) and 2017 NEC 210.8 (A) and (B). Exception: Ground-fault-circuit-interrupter protection shall not be required for a single receptacle providing power for sump, sewage, or condensate pumps where an accessible ground-fault circuit-interrupter-protected receptacle is located within 900 mm (3-ft) of the non-GFCI-protected receptacle.	316.210 (1) GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL. (a) Substitute the following wording for 2023 NEC 210.8 (A): All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the following locations shall have ground-fault circuit interrupter protection for personnel. (b) Substitute the following wording for 2023 NEC 210.8 (A)(5): Unfinished portions or areas of the basement not intended as habitable rooms. (c) The requirements in 2023 NEC 210.8 (A)(7) are not included as part of this chapter. (d) The requirements in 2023 NEC 210.8 (D)(8), (9), (10), and (11) are not included as part of this chapter. (e) The requirements in 2023 NEC 210.8 (E) are not included as part of this chapter.	NOTE: Removal of existing language and creation of new 316.210 (1) (b) (c), and (e) approved at May 20, 2024 meeting.
May - 1a	Create new SPS 316.210(1)(a)	SPS 316.210 (1) (a)	Existing language repealed in section 1.	316.210 (1) (a) Substitute the following wording for 2023 NEC 210.8 (A): All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the following locations shall have ground-fault circuit interrupter protection for personnel.	DIS recommends this proposal stay as proposed. Create (a): Incompatibility issues caused by requiring 240-volt appliances to be on a GFCI device. Additionally, an evaluation was not performed on equipment that would be req'd to be connected to a GFCI circuit. Presented by: Craig and Joe F.
May - 1d	Create new SPS 316.210(1)(d)	SPS 316.210 (1) (d)	Existing language repealed in section 1.	316.210 (1) (d) The requirements in 2023 NEC 210.8 (D) (8), (9), (10), and (11) are not included as part of this chapter.	DIS recommends this proposal stay as proposed. Create (d): Documented incompatibility issues caused by requiring 240-volt appliances to be on a GFCI device. The incompatibility causes nuisance tripping of the GFCI device. Presented by: Craig and Joe F.

May - 2		SPS 316.210 (2)	316.210 (2) BRANCH CIRCUITS REQUIRED. (a) This is a department rule in addition to the requirements of 2011 NEC 240.11. Where an air conditioner sleeve is provided in a building wall, a receptacle outlet shall be located within 4 feet of the sleeve. If a circuit is not run to the outlet, a raceway shall be provided. When the air conditioner is installed in the sleeve, it shall be supplied by an individual branch circuit. A receptacle outlet installed for an air conditioner may not be counted as one of the receptacles required by NEC 240.52 (A). (b) The requirements in 2017 NEC 240.11 (C) (4) are not included as part of this chapter.	316.210 (2) Arc-Fault Circuit-Interrupter Protection. (a) The requirements in 2023 NEC 210.12 (B) (1) are not included as part of this chapter. (b) The requirements in 2023 NEC 210.12 (E) are not included as part of this chapter.	NOTE: Removal of existing language approved at May 20, 2024 meeting.
May - 2a	Create new SPS 316.210(2)(a)	SPS 316.210 (2) (a)	Existing language repealed in section 2.	316.210 (2) (a) The requirements in 2023 NEC 210.12 (B) (1) are not included as part of this chapter.	DIS Recommend that the NEC should dictate and remove this code recommendation Create (a): Exclusions for kitchens are currently in place in Wis. Equipment nuisance tripping is still a key concern due to appliance/AFCI incompatibility. Presented by: Craig and Joe F.
May - 3		SPS 316.210	316.210 (3) ARC-FAULT CIRCUIT INTERRUPTER PROTECTION. The requirements in 2017 NEC 210.12 (A) do not apply to kitchens.	316.210 (3) (a) Substitute the following wording for 2023 NEC 210.52 (C) (2): At least one receptacle shall be installed at each island and peninsular countertop space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater. A peninsular countertop is measured from the connected perpendicular wall. (b) This is a department exception to the requirements of 2023 NEC 210.52 (C) (3). Exception: To comply with the following conditions (1) and (2), receptacle outlets shall be permitted to be mounted not more than 300 mm (12 in.) below the countertop or work surface. Receptacles mounted below a countertop or work surface in accordance with this exception shall not be located where the countertop or work surface extends more than 150 mm (6 in.) beyond its support base. (1) Construction for the physically impaired (2) On island and peninsular countertops or work surface where the surface is flat across its entire surface (no backsplashes, dividers, etc.) and there are no means to mount a receptacle within 500 mm (20 in.) above the countertop or work surface, such as an overhead cabinet.	NOTE: Removal of existing language approved at May 20, 2024 meeting.
3a	Create new SPS 316.210(3)(a)	SPS 316.210 (3) (a)	Existing language repealed in section 3.	316.210 (3) (a) Substitute the following wording for 2023 NEC 210.52 (C) (2): At least one receptacle shall be installed at each island and peninsular countertop space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater. A peninsular countertop is measured from the connected perpendicular wall.	DIS recommends that the submitted code stands as proposed. Create (a): Suggestion is reflective of the 2017 NEC Language 210.52 (C) (2) and Exceptions found in the 2017 NEC 210.52(C) (5) with updated references to the appropriate sections. Presented by: Craig and Joe
May - 3b	Create new SPS 316.210(3)(b)	SPS 316.210 (3) (b)	Existing language repealed in section 3.	316.210 (3) (b) This is a department exception to the requirements of 2023 NEC 210.52 (C) (3). Exception: To comply with the following conditions (1) and (2), receptacle outlets shall be permitted to be mounted not more than 300 mm (12 in.) below the countertop or work surface. Receptacles mounted below a countertop or work surface in accordance with this exception shall not be located where the countertop or work surface extends more than 150 mm (6 in.) beyond its support base. 1. Construction for the physically impaired 2. On island and peninsular countertops or work surface where the surface is flat across its entire surface (no backsplashes, dividers, etc.) and there are no means to mount a receptacle within 500 mm (20 in.) above the countertop or work surface, such as an overhead cabinet.	DIS recommends that the submitted code stands as proposed. Create (b): Suggestion is reflective of the Exceptions found in the 2017 NEC 210.52(C) (5) with updated references to the appropriate sections. Presented by: Craig and Joe
			SPS 316.230 Services. (1) NUMBER OF SERVICES. (a) This is a department informational note to be used under 2011 and 2017 NEC 230.2 (intro.): Note: It is recommended that the electric utility or cooperative supplying electric current be contacted prior to service equipment installations for any special requirements. (b) Substitute the following wording for NEC 230.2 (B) (2): Two or more service drops or laterals for the same class of service if located more than 150 feet apart, measured in a straight line, and provided that all electrical wiring supplied by each service has no common raceway or connection with any other service. (c) This is a department rule in addition to the requirements of 2011-NEC 230.2 (B). For a building which is not more than 3 stories in height and which contains only 3 or more attached, vertically separated, side-by-side, or back-to-back dwelling units, with each dwelling unit served by an individual exterior exit within 6 feet of the exit discharge grade, a separate service drop or lateral shall be permitted for each 2 attached units. (2) NUMBER OF SERVICE ENTRANCE CONDUCTOR SIZES: The requirements specified in 2011 and 2017 NEC 230.40 Exception No. 3 are not included as part of this chapter. (3) SERVICE EQUIPMENT — DISCONNECTING MEANS. (a) General. This is a department rule in addition to the requirements of 2011 and 2017 NEC 230.70. Disconnecting means shall be provided to disconnect the utility wiring from the premises wiring at any point where utility wiring terminates and premises wiring extends overhead or underground to more than one building or structure. (b) Location. This is a department rule in addition to the requirements of 2011 and 2017 NEC 230.70. Disconnecting means shall be provided to disconnect the utility wiring from the premises wiring at any point where utility wiring terminates and premises wiring extends overhead or underground to more than one building or structure.	316.230 Services. (1) NUMBER OF SERVICES. (a) This is a department informational note to be used under 2011 NEC 230.2 (intro.): Note: It is recommended that the electric utility or cooperative supplying electric current be contacted prior to service equipment installations for any special requirements. (b) Substitute the following wording for NEC 230.2 (B) (2): Two or more service drops or laterals for the same class of service if located more than 150 feet apart, measured in a straight line, and provided that all electrical wiring supplied by each service has no common raceway or connection with any other service. (2) SURGE PROTECTION. The requirements of the 2023 NEC 230.67 are not included as part of this chapter. (3) SERVICE EQUIPMENT - DISCONNECTING MEANS. (b) Location. This is a department rule in addition to the requirements of 2011 NEC 230.70 (A): Raceways containing service conductors or cables, or service entrance cable not contained within a raceway, may not extend longer than 8 feet into a building to the service disconnect or the first service disconnect of a group of disconnects as permitted by NEC 230.71. The raceways or conductors shall be considered to have entered the building at the point where they pass through the outer surface of the building exterior, except as permitted by NEC 230.66. (c) Where the service disconnecting means is installed outside of a building or structure it serves, disconnecting means shall be no more than 30' and within sight from the building or structure it serves. (4) EMERGENCY DISCONNECTS. The requirements of 2023 NEC 230.85 are not included as part of this chapter.	

May - 11	Revision and Addition	SPS 316.230	<p>(b) Location. This is a department rule in addition to the requirements of 2011 and 2017 NEC 230.70 (A): Raceways containing service conductors or cables, or service entrance cable not contained within a raceway, may not extend longer than 8 feet into a building to the service disconnect or the first service disconnect of a group of disconnects as permitted by NEC 230.71. The raceways or conductors shall be considered to have entered the building at the point where they pass through the outer surface of the building exterior, except as permitted by NEC 230.6.</p> <p>(4) RATING OF SERVICE DISCONNECTING MEANS — 2011-NEC. This is a department rule in addition to the requirements of 2011-NEC 230.79:</p> <p>(a) Two- or multi-family dwellings. Except as provided in par. (b), for 2-family or multi-family dwellings, the service equipment shall have a rating of not less than 150 amperes, 3-wire or 4-wire. Where the combined rating of all service disconnecting means is 150 amperes or larger, the service or feeder equipment rating for each dwelling unit shall have a rating of not less than 60 amperes.</p> <p>(b) Exception: Service equipment having a rating of not less than 100 amperes, 3-wire or 4-wire, may be installed in an existing 2-family dwelling only where both of the following conditions are complied with:</p> <p>1. The load computed in accordance with NEC 220 does not exceed 80 amperes;</p> <p>2. Specific written approval is granted by the municipal inspection department having jurisdiction.</p> <p>(5) RATING OF SERVICE DISCONNECTING MEANS — 2017-NEC. This is a department rule in addition to the requirements of 2017-NEC 230.79. For 2-family or multi-family dwellings, the service equipment shall have a rating of not less than 150 amperes, 3-wire or 4-wire.</p>		
May - 11b	Partial deletion; Revision - Renumber and Amend	SPS 316.230 (2)	<p>316.230 (2) NUMBER OF SERVICE ENTRANCE CONDUCTORS. The requirements specified in 2011 and 2017 NEC 230.40. Exception No. 3 are not included as part of this chapter.</p>		<p>DIS recommends that the submitted code stay as proposed.</p> <p>Remove existing (2): Reference the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS316.007(1)(am). Department recommends removing 230.40 Exception No. 3 from the exclusion and let the 2023 NEC dictate.</p> <p>Presented by: Craig and Joe</p>
May - 11c	Create - new	SPS 316.230 (2)		<p>316.230 (2) SURGE PROTECTION. The requirements of 2023 NEC 230.67 are not included as part of this chapter.</p>	<p>DIS recommends that the submitted code stay as Proposed.</p> <p>Presented by: Craig and Joe</p>
June 24, 2024 Meeting					
June - 5	Revision - Amend	SPS 316.312	<p>316.312 Cabinets, cutout boxes and meter socket enclosures.</p> <p>(1) CABLES. Substitute the following wording for 2011 and 2017 NEC 312.5 (C) Exception (intro.): Cables with entirely nonmetallic sheaths may enter an enclosure through one or more nonflexible raceways of not less than 12 inches and not more than 10 feet in length, provided all of the following conditions are met:</p> <p>(2) OMISSION. The requirements specified in 2011 NEC 312.5(C) Exception paragraph (b) and 2017 NEC 312.5 (C) Exception number 2 are not included as part of this chapter.</p> <p>(3) FITTING. Substitute the following wording for 2011 NEC 312.5 (C) Exception paragraph (c) and 2017 NEC 312.5 (C) Exception number 3: A fitting is provided on each end of the raceway to protect the cable from abrasion.</p>	<p>316.312 Cabinets, cutout boxes and meter socket enclosures.</p> <p>(1) CABLES. Substitute the following wording for 2023 NEC 312.5 (C) Exception (intro.): Exception: Cables with entirely nonmetallic sheaths may enter an enclosure through one or more nonflexible raceways of not less than 12 inches and not more than 10 feet in length, provided all of the following conditions are met:</p> <p>(2) OMISSION. The requirements specified in 2023 NEC 312.5 (C) Exception number 2 are not included as part of this chapter.</p> <p>(3) FITTING. Substitute the following wording for 2023 NEC 312.5 (C) Exception number 3: A fitting is provided on each end of the raceway to protect the cable from abrasion.</p>	<p>Tabled for further discussion of potential changes to "nonflexible raceways" language.</p> <p>DIS Recommends that the submitted code stay as proposed. The enforcement of this code is an expectation of the Department and for the Authorized Representative (1), (2), (3): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am), in addition the Department no longer supports this exception and the 2023 NEC should dictate.</p> <p>Presented by: Joe, and/or Craig</p>
July 22, 2024 Meeting					
July - 5		SPS 316.675	<p>316.675- ELECTRICALLY DRIVEN OR CONTROLLED IRRIGATION MACHINES (1) This is a department rule in addition to the requirements in 2011 NEC 675.8. A service disconnecting means with overcurrent protection shall be provided at the service point in accordance with NEC 230 subchapter VI.</p> <p>(2) This is a department rule in addition to the requirements in 2017-NEC 675.8. A service disconnecting means with overcurrent protection shall be provided at the service point in accordance with NEC 230 Part VI.</p>		<p>Note: Deletion of (1) approved at July meeting.</p>
July - 5b	Delete - in entirety	SPS 316.675 (2)	<p>316.675 (2) This is a department rule in addition to the requirements in 2017-NEC 675.8. A service disconnecting means with overcurrent protection shall be provided at the service point in accordance with NEC 230 Part VI.</p>		<p>DIS recommends that the submitted code stays as proposed.</p> <p>DIS recommends to let the 2023 NEC dictate with acceptable language to address this item.</p> <p>Presented by: Craig and Joe F.</p>
August 26, 2024 Meeting					

August - 1	Create - new	SPS 316.003 (3) [Note]	<p><u>316.003 (3) Note: Changes in use or occupancy of a space may require alterations to electrical installations to remain compliant with the provisions of the NEC and this chapter.</u></p>	<p>Created to address concerns raised in item March - 9 regarding changes of occupancy or use of a space resulting in an installation being out of compliance for the new use or occupancy.</p> <p>Presented by: Kirk</p>
August - 2	Create - new	SPS 316.006 (1g)	<p><u>316.006 (1g) "Authority having jurisdiction" means an organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure.</u></p> <p><u>Note: An authority having jurisdiction may be a municipality operating under s. 316.011 (1) or the department operating under s. 316.011 (2), however s. 316.004 provides that "Under s. 101.02 (1), Stats., the department reserves the right to interpret the requirements in this chapter and in all adopted codes and standards. Any interpretation under this section shall supersede any differing interpretation by either a lower level jurisdiction or an issuer of the adopted code or standard."</u></p>	<p>Created to address concerns that the use of the term "authority having jurisdiction" to refer to both municipalities and the department could indicate to a reader that the provisions of 316.004 may not apply to a municipality exercising authority on behalf of the department. The definition and attached note make clear that while a municipality may act as an AHJ, the department remains the ultimate authority for interpreting the requirements of ch. 316 and the adopted standards.</p> <p>Presented by: Kirk</p>
August - 3	Create - new	SPS 316.020 (1) [Note]	<p><u>316.020 (1) Note: Changes in use or occupancy of a space may require alterations to electrical installations to remain compliant with the provisions of the NEC and this chapter.</u></p>	<p>Created to address concerns raised in item March - 9 regarding changes of occupancy or use of a space resulting in an installation being out of compliance for the new use or occupancy.</p> <p>Presented by: Kirk</p>