

## Burgos, Alexander N

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**Subject:** FW: NC Building Code Council - 2023 North Carolina Electrical Code - Article 100 - Definitions - Selective Coordination (permanent rule)

**Attachments:** D-3 20240611 Item B-3 2023 NCEC Article 100 - Definitions Form 0400 Submission for Permanent Rule 10.01.24 December 2024 Rev 1.docx; D-3 20240611 Item B-3 2023 NCEC Article 100 - Definitions Form 0400 Submission for Permanent Rule 10.01.24 December 2024 Rev 1.pdf; B-3-2023 NCEC Article 100 - Defintions - Selective Coordination.pdf

**Importance:** High

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**From:** Rittlinger, David B <david.rittlinger@ncdoi.gov>  
**Sent:** Monday, December 30, 2024 5:43 PM  
**To:** Liebman, Brian R <brian.liebman@oah.nc.gov>  
**Cc:** Burgos, Alexander N <alexander.burgos@oah.nc.gov>; Holder, Karen <Karen.Holder@ncdoi.gov>; Childs, Nathan D <nchilds@NCDOJ.GOV>; Heuser, Kyle <kyle.heuser@ncdoi.gov>  
**Subject:** RE: NC Building Code Council - 2023 North Carolina Electrical Code - Article 100 - Definitions - Selective Coordination (permanent rule)  
**Importance:** High

Brian,

Good afternoon.

I edited the form to eliminate the confusing sentence and add a sentence declaring the effective date to be 7/1/25 to match the effective date of the 2023 NC Electrical Code (2023 NFPA 70 NEC with NC amendments).

See attached.

Let me know if you have any questions.

Thank you

**David Bruce Rittlinger, PE, LEED AP**  
**Division Chief – Codes and Interpretations**

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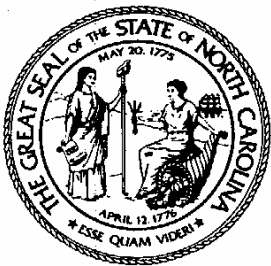


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# APPENDIX C

## CODE CHANGE PROPOSAL

### NORTH CAROLINA

### BUILDING CODE COUNCIL

B-3

1429 Rock Quarry Road, Suite 105  
Raleigh, North Carolina 27610  
(919) 647-0008  
david.rittlinger@ncdoi.gov

Petition for Rule Making

Item Number \_\_\_\_\_

Granted by BCC \_\_\_\_\_  
Denied by BCC \_\_\_\_\_

Adopted by BCC \_\_\_\_\_

Disapproved by BCC \_\_\_\_\_

Approved by RRC \_\_\_\_\_

Objection by RRC \_\_\_\_\_

PROPONENT: Joseph Daniel Starling, PE PHONE: (919)-235-8350  
REPRESENTING: NCOSFM  
ADDRESS: 1202 Mail Service Center  
CITY: Raleigh STATE: NC ZIP: 27699  
E-MAIL: joseph.starling@ncdoi.gov FAX: ( ) -

North Carolina State Building Code, Volume 2023 Electrical - Section Article 100 -  
Definitions - Selective Coordination

CHECK ONE: ☐ Revise section to read as follows: ☒ Delete section and substitute the following:  
☐ Add new section to read as follows: ☐ Delete section without substitution:

~~LINE THROUGH MATERIAL TO BE DELETED~~

UNDERLINE MATERIAL TO BE ADDED

Please type. Continue proposal or reason on plain paper attached to this form. See reverse side for instructions.

See attached.

Will this proposal change the cost of construction? Decrease ☐ Increase ☐ No ☒  
Will this proposal increase to the cost of a dwelling by \$80 or more? Yes ☐ No ☒  
Will this proposal affect the Local or State funds? Local ☐ State ☐ No ☒  
Will this proposal cause a substantial economic impact ( $\geq \$1,000,000$ )? Yes ☐ No ☒

- Non-Substantial - Provide an economic analysis including benefit/cost estimates.
- Substantial - The economic analysis must also include 2-alternatives, time value of money and risk analysis.
- Pursuant to §143-138(a1)(2) a cost-benefit analysis is required for all proposed amendments to the NC Energy Conservation Code. The Building Code Council shall also require same for the NC Residential Code, Chapter 11.

**REASON:** This proposal is a current Amendment to the NEC for redefining selective coordination that was unintentionally excluded in the 2023 State Electrical Code adoption package. This request is to include the Amendment with adopting the 2023 NEC. The State Electrical Division will handle this by interpretation until this is corrected.

BCC CODE CHANGES

Signature: \_\_\_\_\_

Date: 04/30/2024

FORM 11/26/19

## Article 100 – Definitions

....

### **Coordination, Selective. (Selective Coordination)**

Localization of an overcurrent condition to restrict outages to the circuit or equipment affected, ~~accomplished~~ for fault current events that extend beyond 0.1 second, and accomplished by the selection and installation of overcurrent protective devices and their ratings or settings for the full range of available overcurrents, ~~from overload to the available fault current,~~ under such conditions, whether originating from overload, ground-fault or short circuit, and for the full range of overcurrent protective device opening times ~~associated with those overcurrents.~~ applicable to such events.

''''

## Burgos, Alexander N

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**Subject:** FW: NC Building Code Council - 2023 North Carolina Electrical Code - Article 100 - Definitions - Selective Coordination (permanent rule)

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**From:** Liebman, Brian R <brian.liebman@oah.nc.gov>

**Sent:** Tuesday, December 31, 2024 10:15 AM

**To:** Rittlinger, David B <david.rittlinger@ncdoi.gov>

**Cc:** Burgos, Alexander N <alexander.burgos@oah.nc.gov>; Holder, Karen <Karen.Holder@ncdoi.gov>; Childs, Nathan D <nchilds@NCDOJ.GOV>; Heuser, Kyle <kyle.heuser@ncdoi.gov>

**Subject:** RE: NC Building Code Council - 2023 North Carolina Electrical Code - Article 100 - Definitions - Selective Coordination (permanent rule)

Great, thank you, David. I believe I can recommend approval of this amendment at the January meeting.

Best,  
Brian

Brian Liebman  
Counsel to the North Carolina Rules Review Commission  
Office of Administrative Hearings  
(984)236-1948  
[brian.liebman@oah.nc.gov](mailto:brian.liebman@oah.nc.gov)

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Division Chief – Codes and Interpretations

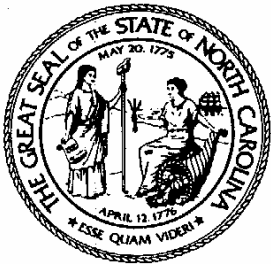
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Approved by RRC \_\_\_\_\_

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PROPONENT: Joseph Daniel Starling, PE PHONE: (919)-235-8350  
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ADDRESS: 1202 Mail Service Center  
CITY: Raleigh STATE: NC ZIP: 27699  
E-MAIL: joseph.starling@ncdoi.gov FAX: ( ) -

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BCC CODE CHANGES

Signature: \_\_\_\_\_

Date: 04/30/2024

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## Burgos, Alexander N

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**From:** Liebman, Brian R  
**Sent:** Monday, December 30, 2024 3:54 PM  
**To:** Rittlinger, David B  
**Cc:** Burgos, Alexander N; Holder, Karen; Childs, Nathan D; Heuser, Kyle  
**Subject:** RE: NC Building Code Council - 2023 North Carolina Electrical Code - Article 100 - Definitions - Selective Coordination (permanent rule)

Good afternoon, David,

I have only one question about this proposed amendment, so this email is my request for changes.

On your Submission for Permanent Rule form, you say “[t]his request is to include the Amendment with adopting the 2023 NEC.” Are you asking for a July 1, 2025 effective date, along with the rest of the 2023 Electrical Code? Otherwise, I am not sure what this means.

Hope you had a great Christmas, and Happy New Year!

Brian

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**From:** Rittlinger, David B <david.rittlinger@ncdoi.gov>  
**Sent:** Friday, December 13, 2024 11:20 AM  
**To:** Rules, Oah <oah.rules@oah.nc.gov>  
**Cc:** McGhee, Dana <dana.McGhee@oah.nc.gov>; Burgos, Alexander N <alexander.burgos@oah.nc.gov>; Liebman, Brian R <brian.liebman@oah.nc.gov>; Holder, Karen <Karen.Holder@ncdoi.gov>; Childs, Nathan D <nchilds@NCDOJ.GOV>; Heuser, Kyle <kyle.heuser@ncdoi.gov>  
**Subject:** NC Building Code Council - 2023 North Carolina Electrical Code - Article 100 - Definitions - Selective Coordination (permanent rule)  
**Importance:** High

Good morning RRC,  
I hope you are doing well.

Attached is a North Carolina Building Code Council permanent rule that was adopted on December 10, 2024 for the 2023 North Carolina Electrical Code.  
I have attached a separate pdf and MS Word copy of the amendment to be considered by the RRC as permanent rules.

It is my understanding that these rules will be included in the 1/30/25 RRC agenda.

Let me know if you have any questions or comments.



Thank you for your work on this.  
Have a great day.

**David Bruce Rittlinger, PE, LEED AP**  
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# SUBMISSION FOR PERMANENT RULE

<b>1. Rule-Making Agency: North Carolina Building Code Council</b>	
<b>2. Rule citation &amp; name (name not required for repeal):</b> 2023 North Carolina Electrical Code, Article 100, Definitions, Selective Coordination (240611 Item B-3)	
<b>3. Action:</b> <input type="checkbox"/> ADOPTION <input checked="" type="checkbox"/> AMENDMENT <input type="checkbox"/> REPEAL <input type="checkbox"/> READOPTION <input type="checkbox"/> REPEAL through READOPTION	
<b>4. Rule exempt from RRC review?</b> <input type="checkbox"/> Yes. Cite authority: <input checked="" type="checkbox"/> No	<b>5. Rule automatically subject to legislative review?</b> <input type="checkbox"/> Yes. Cite authority: <input checked="" type="checkbox"/> No
<b>6. Notice for Proposed Rule:</b> <input checked="" type="checkbox"/> Notice Required Notice of Text published on: August 15, 2024 in NC register. Link to Agency notice: <a href="https://www.ncosfm.gov/240910-notice1hearing">https://www.ncosfm.gov/240910-notice1hearing</a> Hearing on: September 10, 2024 <input checked="" type="checkbox"/> The requirements listed in G.S. 150B-19.1(c)(1)-(5) were posted on the agency's Web site no later than the publication date of the notice of text in the N.C. Register. Adoption by Agency on: December 10, 2024 <input type="checkbox"/> Notice not required under G.S.: Adoption by Agency on:	
<b>7. Rule establishes or increases a fee? (See G.S. 12-3.1)</b> <input type="checkbox"/> Yes Agency submitted request for consultation on: Consultation not required. Cite authority: <input checked="" type="checkbox"/> No	<b>8. Fiscal impact. Check all that apply.</b> <input type="checkbox"/> This Rule was part of a combined analysis. <input type="checkbox"/> State funds affected <input type="checkbox"/> Local funds affected <input type="checkbox"/> Substantial economic impact ( $\geq$ \$1,000,000) <input type="checkbox"/> Approved by OSBM <input checked="" type="checkbox"/> No fiscal note required
<b>9. REASON FOR ACTION</b> <b>9A. What prompted this action? Check all that apply:</b> <input checked="" type="checkbox"/> Agency <input type="checkbox"/> Court order / cite: <input type="checkbox"/> Federal statute / cite: <input type="checkbox"/> Federal regulation / cite: <input type="checkbox"/> Legislation enacted by the General Assembly Cite Session Law: <input type="checkbox"/> Petition for rule-making <input type="checkbox"/> Other: <b>9B. Explain:</b> This proposal is a current Amendment to the NEC for redefining selective coordination that was unintentionally excluded in the 2023 State Electrical Code adoption package. <b>This request is to include the Amendment with adopting the 2023 NEC.</b> The State Electrical Division will handle this by interpretation until this is corrected. <b>Effective date is 7/1/25.</b>	
<b>10. Rulemaking Coordinator: David Bruce Rittlinger</b>  Phone: 919-647-0008 E-Mail: david.rittlinger@ncdoi.gov  Additional agency contact, if any:  Phone: E-Mail:	<b>11. Signature of Agency Head* or Rule-making Coordinator:</b>   By signing, I have verified that the information contained on this form is true and accurate to the best of my knowledge.  *If this function has been delegated (reassigned) pursuant to G.S. 143B-10(a), submit a copy of the delegation with this form.  Typed Name: David Bruce Rittlinger Title: Division Chief of Codes and Interpretations, OSFM
<b>RRC AND OAH USE ONLY</b>	
<b>Action taken:</b> <input type="checkbox"/> RRC extended period of review: <input type="checkbox"/> RRC determined substantial changes: <input type="checkbox"/> Withdrawn by agency <input type="checkbox"/> Subject to Legislative Review <input type="checkbox"/> Other:	

# SUBMISSION FOR PERMANENT RULE

## Article 100 – Definitions

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