



APPENDIX C
CODE CHANGE PROPOSAL
NORTH CAROLINA
BUILDING CODE COUNCIL

B-4

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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
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North Carolina State Building Code, Volume 2023 NC Electrical Code - Section 551.71(F)(2)
Receptacles Installed in Recreational Vehicle Site Equipment

CHECK ONE: [] Revise section to read as follows: [X] 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 [X]
Will this proposal increase to the cost of a dwelling by \$80 or more? Yes [] No [X]
Will this proposal affect the Local or State funds? Local [] State [] No [X]
Will this proposal cause a substantial economic impact (>=\$1,000,000)? Yes [] No [X]

- 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: Item B-2 of the March 2024 BCC meeting will have no effect on the GFCI requirements to RV site equipment as intended by the petitioner. The attached proposal of returning back to the 2023 NEC text for section 551.71(F)(2) will modify section 210.8(B) to exempt RV site equipment from providing GFCI protection for 30 and 50 amp receptacles as intended by the petitioner.

BCC CODE CHANGES

Signature:

[Handwritten Signature]

Date: 04/30/2024

FORM 11/26/19

Current Amendment of the 2023 North Carolina Electrical Code:

~~Item 26: Requiring GFCI for 30- and 50-amp receptacles in RV site equipment the same as non-RV site equipment in (A) for RV parks; Retaining 2020 Code requirements.~~

AMENDMENT 551.71(F)(2)

Amend NEC 2023, page 516:

(2) Receptacles Installed in Recreational Vehicle Site Equipment. ~~Ground-fault circuit-interrupter protection shall be provided as required in 210.8(B).~~

Informational Note No. 1: The definition of Feed Assembly clarifies that the power supply cord to a recreational vehicle is considered a feeder.

Repeal Amendment and Replace with Original Text of the 2023 NEC in the 2023 North Carolina Electrical Code:

(2) Receptacles Installed in Recreational Vehicle Site Equipment. Ground-fault circuit-interrupter protection shall only be required for 125-volt, single-phase, 15- and 20-ampere receptacles.

Informational Note No. 1: Appliances used within- the recreational vehicle can create leakage current levels at the supply receptacle(s) that could exceed the limits of a Class A GFCI device.

Informational Note No. 2: The definition of Feed Assembly clarifies that the power supply cord to a recreational vehicle is considered a feeder.