



September 25, 2019

Mr. Robert J. McIntosh, Jr., Managing Member  
Frontline Electric LLC  
60 North Main Street  
Thomaston, CT 06787

Dear Mr. McIntosh:

**RE: I-11-19 Interpretation –Arc Fault Interrupting Breaker-137 Hollow Tree Ridge Rd, Darien, CT**

This is in response to your letter of September 1, 2019 in which you are seeking a formal interpretation of the following question:

**QUESTION 1:** Does the replacement of existing light fixtures within an apartment building with new LED style luminaires with no circuit wiring modification or extension triggers the arc-fault requirement contained within Section 210.12(D) of the 2017 National Electrical Code portion of the 2018 State Building Code?

**ANSWER 1:** No. Since you are not modifying or extending the branch circuit, you would not have to provide arc-fault protection.

Sincerely,

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Joseph V. Cassidy, P.E.  
State Building Inspector

c: Daniel Tierney, Deputy State Building Inspector