

## Selective OCP Coordination

The National Electrical Code (NEC) requires selective overcurrent studies be conducted on electrical systems where operation of overcurrent devices can cause unwanted and sometimes dangerous outages to emergency and special systems, due to improperly coordinated electrical systems.

Emergency Systems are required to have selective coordination be designed into electrical distribution per NEC 700.27, 701.27, 517.26 and 517.17C. COPS selective coordination is required per NEC 708.54. Elevator coordination is required per NEC 620.62.

These studies by their nature can include large amounts of documentation, and we cannot collect, analyze or store the completed studies. So as a result we would only require verification that the proper selection study has been performed and made available to the project owner. This can be achieved through a sealed engineer's letter stating that the study has been;

- Conducted on the specified address, under Electrical permit Number \_\_\_\_\_
- Conducted on the appropriate system per the applicable NEC sections with moderate details
- This must be on the design professional's letter head, affixed with the professional seal and uploaded to the permit prior to TCO/CO.

Below is a suggested template acceptable to Code enforcement.

Your Letterhead

Date

Project Address

Electrical Permit Number

An overcurrent device selective coordination study has been performed on both the normal and alternant source side, at the above location per Article(s)

- Healthcare Fac. 517.17C
- Healthcare Fac. 517.26
- Elevators 620.62
- EM Systems 700.10 (B) 5 (b) Exception } ( Describe in moderate detail whichever is applicable)
- EM Systems 700.27
- LR Systems 701.27
- COPS 708.54

of the NEC. Based on that study the required electrical system is found to be selectively coordinated.

Signature and Seal