



# Clark County Department of Building & Fire Prevention

## Building Division – Inspection Services

### Field Inspection Guideline

<b>SUBJECT:</b>	<b>Selective Coordination</b>	<b>FIG-E-030</b>
<b>Effective Date:</b>	<b>June 1, 2010</b>	<b>Revised: May 29, 2014</b>
		<b>Approved By: BAT</b>
<b>Code Chapter:</b>	<b>2011 NEC 517.17, 517.26, 620.62, 700.27, 701.18, 708.52, 708.54</b>	<b>Page 1 of 1</b>

**Interpretation: Over current protection of circuits supplying life-safety related loads shall be selectively coordinated.**

- A selective coordination study is required where the operation of an upstream overcurrent device could disrupt power to other life-safety equipment.
- Selective coordination requires an engineered report based on the manufacturer’s specifications. It shall be provided to Plans Examination for review and acceptance prior to the one-line inspection.
- Articles 620.62, 700.27, 701.18, 517.26, 708.54 require a selective coordination study. The inspector shall verify the correct overcurrent devices have been installed pursuant to the approved study.
- Where multiple levels of ground-fault protection are provided in the service conductors and/or feeders, the system must be selectively coordinated and performance tested, in accordance with 2011 NEC 517.17 and 708.52D. Testing shall be coordinated through a third party EQAA approved testing agency when ground fault protection is present.
- The type(s) of overcurrent devices must be detailed in the approved selective coordination study and shall be carefully adhered to. Any deviation from the study must be approved by the engineer who performed or approved the coordination study.

**Revision History:**

Reference #	Title	Effective Date	Revised	Reviewed
FIG-E-30	Selective Coordination	June 1, 2010	New	
FIG-E-30	Selective Coordination		May 23, 2013	
FIG-E-30	Selective Coordination		May 29, 2014	