

STATE BUILDING CODE INTERPRETATION NO. I-05-10

July 1, 2010

The following is being offered in response to your letter dated March 12, 2010 in which you seek a formal interpretation. This question would apply to Section 2702.2.20, of the 2003 International Building Code portion of the 2005 State Building Code.

Question:

“A new, 2 story mixed use building, is to be constructed with the first floor being a group M use (less than 12000 square feet, no sprinklers required) and the second floor is a group R2 (sprinklers required throughout the building). Per Section 2702.2.3, emergency power is required for exit signs. Per Section 2702.2.4, emergency power is required for means of egress illumination. Per Sections 2702.2.5 and 2702.2.18, standby power is required for elevators. Is standby power for the fire pump required per Connecticut Amendment Section 2702.2.20?”

Answer:

No. The 2003 International Building Code, Section 2702.2.20, requires electric fire pumps to be supplied with standby power only if a building is being provided with a standby generator for the purpose of continuing normal operations or functions of the building such as an emergency communications building or shelter. If a standby generator is being provided to maintain freezers or refrigerators in a grocery store but not the lights or cash registers, (in order to continue their normal operation as being open to the public), then the electric fire pump is not required to be supplied by standby power.