

# 2021 Virginia Construction Code

## CHAPTER 30 ELEVATORS AND CONVEYING SYSTEMS

### SECTION 3003 EMERGENCY OPERATIONS

#### **[F] 3003.1 Standby power.**

In buildings and structures where standby power is required or furnished to operate an elevator, the operation shall be in accordance with [Sections 3003.1.1 through 3003.1.4](#).

#### **[F] 3003.1.1 Manual transfer.**

Standby power shall be manually transferable to all elevators in each bank.

#### **[F] 3003.1.2 One elevator.**

Where only one elevator is installed, the elevator shall automatically transfer to standby power within 60 seconds after failure of normal power.

#### **[F] 3003.1.3 Two or more elevators.**

Where two or more elevators are controlled by a common operating system, all elevators shall automatically transfer to standby power within 60 seconds after failure of normal power where the standby power source is of sufficient capacity to operate all elevators at the same time. Where the standby power source is not of sufficient capacity to operate all elevators at the same time, all elevators shall transfer to standby power in sequence, return to the designated landing and disconnect from the standby power source. After all elevators have been returned to the designated level, not less than one elevator shall remain operable from the standby power source.

#### **[F] 3003.1.4 Venting.**

Where standby power is connected to elevators, the machine room *ventilation* or air conditioning shall be connected to the standby power source.

#### **[F] 3003.2 Fire fighters' emergency operation.**

Elevators shall be provided with Phase I emergency recall operation and Phase II emergency in-car operation in accordance with [ASME A17.1/CSA B44](#).

#### **3003.3 Fire service elevator keys.**

All elevators shall be equipped to operate with either a standardized or nonstandardized fire service elevator key in accordance with the [International Fire Code](#).