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1
2   An act relating to residential elevators; amending s.
3   399.031, F.S.; requiring that an elevator controller
4   be capable of monitoring the closed and locked
5   contacts of the hoistway door locking device;
6   requiring that the elevator controller be capable of
7   interrupting the power for the motor and brake for a
8   hoistway door locking device under certain
9   circumstances; prohibiting an elevator car from being
10   restarted until certain conditions are met; requiring
11   a visual indicator to be visible at all landings under
12   certain circumstances; deleting a requirement that the
13   underside of the platform of an elevator car be
14   equipped with a specified device; deleting
15   requirements for such devices; deleting a requirement
16   that manual reset of an elevator resume before
17   downward motion is allowed; requiring the Florida
18   Building Commission to adopt certain provisions
19   relating to residential elevators into the Florida
20   Building Code by a specified date; providing an
21   effective date.
22
23   Be It Enacted by the Legislature of the State of Florida:
24
25   Section 1. Subsection (3) of section 399.031, Florida
26   Statutes, is amended to read:
27   399.031 Clearance requirements between elevator doors for
28   elevators inside a private residence.—
29   (3) <u>During normal operation, the elevator controller must</u>

CODING: Words ~~stricken~~ are deletions; words <u>underlined</u> are additions.

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30 monitor the closed and locked contacts of the hoistway door
31 locking device, whether electrical or mechanical. If the closed
32 and locked contacts of the landing locks are open while the car
33 is not in the unlocking zone for the hoistway door locking
34 device, the elevator controller must interrupt power to the
35 motor and brake and must not allow the elevator car to restart
36 until the owner or the owner's agent, with a master elevator
37 key, has checked for obstructions above and below the elevator
38 car, returned the hoistway door locking device contacts to the
39 normal operating position, and manually reset the elevator
40 controller with the master elevator key. Additionally, a visual
41 indicator must be visible at all landings until the hoistway
42 door locking device has been returned to the normal operating
43 position and the elevator controller has been manually reset ~~The~~
44 ~~underside of the platform of an elevator car shall be equipped~~
45 ~~with a device that, if the platform of the elevator car is~~
46 ~~obstructed anywhere on its underside in its downward travel,~~
47 ~~interrupts the electric power to the driving machine motor and~~
48 ~~brake, if provided, and stops the elevator car's downward motion~~
49 ~~within 2 inches. The stroke of the device may not be less than~~
50 ~~the stopping distance of the platform of the elevator car. The~~
51 ~~force required to operate the device may not exceed 15 pounds.~~
52 ~~Downward motion shall be permitted to resume only after the~~
53 ~~elevator has been manually reset.~~
54 Section 2. The Florida Building Commission shall, by
55 October 1, 2017, adopt into the Florida Building Code pursuant
56 to s. 553.73(8), Florida Statutes:
57 (1) A provision authorizing the permanent installation of a
58 nonremovable, hoistway door space guard in order to comply with

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59 section R321.4.1(c)2-5 of the Florida Building Code, 5th Edition
60 (2014) Residential. The door space guard must be designed and
61 installed to withstand a force of 75 pounds applied horizontally
62 using a 4-inch-diameter sphere at any location within the folds
63 on the car door without permanent deformation.
64   (2) Section 399.031, Florida Statutes, relating to
65 clearance requirements between elevator doors for elevators
66 inside a private residence.
67   Section 3. This act shall take effect July 1, 2017.