

Proposed Code Modifications Detail

Code Change Cycle: 2010 Triennial Original Modification 3/1/2010 - 4/2/2010

TAC: Plumbing

Sub Code: Residential

P3934

1

Date Proposal Submitted	3/26/2010	Section	R4101.17.1.9
Chapter	41	TAC Recommendation	Pending Review
Affects HVHZ	No	Commission Action	Pending Review
Proponent	Jennifer Hatfield	General Comments	No
Attachments	No	Alternate Language	No

Related Modifications

Summary of Modification

This proposal makes changes to the pool alarm requirements in order to provide for consistency with the UL 2017 General-Purpose Signaling Devices and Systems standard that an exit alarm must comply with per the code.

Text of Modification

R4101.17.1.9 Where a wall of a dwelling serves as part of the barrier, one of the following shall apply:

1. All doors and windows providing direct access from the home to the pool shall be equipped with an exit alarm complying with UL 2017 that has a minimum sound pressure rating of 85 dB A at 10 feet (3048 mm). The exit alarm shall produce an continuous audible alarm within 7 seconds warning when the access is door and its screen are opened. ~~The alarm shall sound immediately after the door is opened and be capable of being heard throughout the house during normal household activities.~~ The alarm may ~~shall~~ be equipped with a momentary self-restoring switch ~~manual means~~ to temporarily deactivate the alarm for a single opening. Such deactivation shall last no more than 15 seconds. The deactivation switch shall be located at least 54 inches (1372 mm) above the threshold of the access door. ~~Separate alarms are not required for each door or window if sensors wired to a central alarm sound when contact is broken at any opening.~~

Exceptions:

- a. Screened or protected windows having a bottom sill height of 48 inches (1219 mm) or more measured from the interior finished floor at the pool access level.
 - b. Windows facing the pool on floor above the first story.
 - c. Screened or protected pass-through kitchen windows 42 inches (1067 mm) or higher with a counter beneath.
2. All doors providing direct access from the home to the pool must be equipped with a self-closing, self-latching device with positive mechanical latching/locking installed a minimum of 54 inches (1372 mm) above the threshold, which is approved by the authority having jurisdiction.

Rationale

Without this change requirements within the code would be inconsistent with what is required in UL 2017. For example, section 78.4 of the standard requires the alarm to sound within 7 secs of access to the open position, but section 424.2.17.1.9 of the Code says it must sound immediately. An exit alarm manufacturer certifies its product to UL 2017 requirements.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, it simply removes language inconsistent with a referenced standard.

Impact to building and property owners relative to cost of compliance with code

None, it simply removes language inconsistent with a referenced standard.

Impact to industry relative to the cost of compliance with code

The modification may decrease cost by eliminating confusion when trying to comply. If this change is not made and enforcement was required of both the UL standard and the inconsistent requirements laid out in the Code, additional costs could occur in order to make the product comply with both.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Exit alarms are safety features certified to a national standard. This proposal clarifies that exit alarms in FL will meet these requirements. This proposal does not make any changes that are inconsistent with the Florida Residential Swimming Pool Safety Act, where exit alarms are an option.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

The modification improves the code by making it consistent with the UL 2017 standard.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This modification does not discriminate; in fact, it ensures all products are on the same playing field, each having to meet the requirements of the UL 2017 standard.

Proposed Code Modifications Detail

Does not degrade the effectiveness of the code

The modification improves the effectiveness of the code by clarifying what is required of an exit alarm used in association with the swimming pool barrier requirements.

Proposed Code Modifications Detail

P4328

2

Date Proposal Submitted	4/1/2010	Section	APSP
Chapter	43	TAC Recommendation	Pending Review
Affects HVHZ	No	Commission Action	Pending Review
Proponent	Jennifer Hatfield	General Comments	No
Attachments	No	Alternate Language	No

Related Modifications

Summary of Modification

Clarifies that NSPI is the former name of the APSP. Updates the ANSI/NSPI-5 standard for residential inground pools to reflect the 2010 revision.

Text of Modification

Note: changes to what is in the online draft are in green.

APSP

Association of Pool and Spa Professionals

[formerly National Spa and Pool Institute (NSPA)]

2111 Eisenhower Avenue

Alexandria, VA 22314

ANSI/APSP 7—06 American National Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins.....R4101.6.1, R4101.6.3, R4101.6.6

ANSI/NSPI 3—99 American National Standard for Permanently Installed Residential Spas.....R4101.6.1

ANSI/NSPI 4—99 American National Standard for Aboveground/On ground Residential Swimming Pools.....R4101.6.1

ANSI/~~NSPI 5—03~~APSP 5—10 American National Standard for Residential In ground Swimming Pools.....R4101.6.1

ANSI/NSPI 6—99 American National Standard for Portable Spas.....R4101.6.1

Rationale

This proposal clarifies that NSPI is the former name of APSP. It also updates the ANSI/NSPI-5 Residential Inground Swimming Pools standard to the 2010 revision. This revision is currently in the last phase of being approved and should be available by the time this code proposal goes in front of the TAC.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

The only fiscal impact may be associated with purchasing the revised ANSI/APSP-5 standard.

Impact to building and property owners relative to cost of compliance with code

There is no fiscal impact to consumers.

Impact to industry relative to the cost of compliance with code

The industry will have to comply with any changes in the revised ANSI-5 standard and will need to purchase this updated standard.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Updating to the latest revision of a standard provides consumers who install a new pool with the most recent requirements.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

This proposal improves the code by updating the ANSI approved standard that provides construction requirements for inground residential pools.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This proposal does not discriminate.

Does not degrade the effectiveness of the code

This proposal does not degrade the effectiveness of the code.

Proposed Code Modifications Detail

P3937

3

Date Proposal Submitted	3/26/2010	Section	UL
Chapter	43	TAC Recommendation	Pending Review
Affects HVHZ	No	Commission Action	Pending Review
Proponent	Jennifer Hatfield	General Comments	No
Attachments	No	Alternate Language	No

Related Modifications

Summary of Modification

Updates the UL 2017 Standard for General-Purpose Signaling Devices and Systems to the 2008 second edition with revisions.

Text of Modification

UL
 Underwriters Laboratories, Inc.
 333 Pfingsten Road
 Northbrook, IL 60062-2096

~~2017-2000 Standards for General purpose Signaling Devices and Systems~~ 2017-2004 (R2008) Standard for General-Purpose Signaling Devices and Systems – with Revisions through October 13, 2009 R4101.17.1.9

Rationale

Manufacturers of products relative to this standard will be certifying to the updated 2008 second edition; therefore our code should reference the latest version of the ANSI approved UL 2017 standard.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification to update references to the national standard.

Impact to building and property owners relative to cost of compliance with code

There will not be any cost related to this modification to update references to the national standard.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification to update references to the national standard.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Yes by referencing the latest edition of the standard it ensures products will have to meet the revised edition. These products include exit alarms that may be part of a pool safety barrier a consumer chooses to install to meet the Florida Residential Swimming Pool Safety Act, chapter 515, F.S.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

The modification improves the code by referencing the latest edition of the national standard.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This modification does not discriminate.

Does not degrade the effectiveness of the code

The modification improves the effectiveness of the code by referencing the latest edition of the national standard.

Proposed Code Modifications Detail

Search Criteria

Modification #:	ALL	Code Version:	2010
Code Change Cycle:	2010 Triennial Original Modification 03/01/2010 - 04/02/2010	Sub Code:	Residential
Chapter & Topic:	ALL	Section:	ALL
Date Submitted From:	ALL	Date Submitted To:	ALL
TAC:	ALL	TAC Recommendation:	ALL
Commission Action:	ALL	Proponent Last Name:	Hatfield
Proponent First Name:	ALL	Text of Modification:	ALL
Related Modifications:	ALL	Affects HVHZ:	ALL