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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

MEMORANDUM

Agenda Item No. 7(B)

(Seconding Reading 5-5-15)

TO: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

DATE: February 18, 2015

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Ordinance amending Section 8-31 of the Code revising subsections pertaining to underwater pool lighting for private swimming and recreational bathing pools in areas of incorporated and unincorporated Miami-Dade County to conform to the provisions in the forthcoming Florida Building Code 5th edition

Ordinance No. 15-27

The accompanying ordinance was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Audrey M. Edmonson and Co-Sponsors Commissioner Daniella Levine Cava, Commissioner Jose "Pepe" Diaz, Commissioner Sally A. Heyman, Commissioner Barbara J. Jordan, and Commissioner Juan C. Zapata.

R. A. Cuevas, Jr.
County Attorney

RAC/lmp

Memorandum

MIAMI-DADE COUNTY

Date: May 5, 2015

To: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Subject: Ordinance Relating Lighting For Private Swimming and Recreational Bathing Pools

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The proposed ordinance amends section 8-31 of the code to conform to the provisions in the forthcoming Florida Building Code (FBC) 5TH edition relating to underwater pool lighting for private swimming and recreational bathing pools.

Ordinance 14-95, adopted in October 2014, incorporated into section 8-31 of the Miami Dade County Code a local technical amendment to the FBC pertaining to underwater pool lighting for private swimming pools. Due to a timing issue, the Florida Building Commission has not yet considered this technical amendment for adoption into the FBC. Therefore, it needs to be re-instated into the forthcoming Florida Building Code 5th Edition, which becomes effective July 1, 2015.

Implementation of this ordinance will not have a fiscal impact to the County.

Jack Osterholt
Deputy Mayor

Fis4015

MEMORANDUM

(Revised)

TO: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

DATE: May 5, 2015

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 7(B)

Please note any items checked.

_____	**"3-Day Rule" for committees applicable if raised**
✓	**6 weeks required between first reading and public hearing**
✓	**4 weeks notification to municipal officials required prior to public hearing**
_____	**Decreases revenues or increases expenditures without balancing budget**
_____	**Budget required**
_____	**Statement of fiscal impact required**
_____	**Ordinance creating a new board requires detailed County Mayor's report for public hearing**
_____	**No committee review**
_____	**Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous _____) to approve**
_____	**Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 7(B)
5-5-15

ORDINANCE NO. 15-27

ORDINANCE AMENDING SECTION 8-31 OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA, REVISING SUBSECTIONS PERTAINING TO UNDERWATER POOL LIGHTING FOR PRIVATE SWIMMING AND RECREATIONAL BATHING POOLS IN AREAS OF INCORPORATED AND UNINCORPORATED MIAMI-DADE COUNTY TO CONFORM TO THE PROVISIONS IN THE FORTHCOMING FLORIDA BUILDING CODE 5th EDITION, PROVIDING SEVERABILITY, INCLUSION IN THE CODE, AND AN EFFECTIVE DATE

BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA:

Section 1. Section 8-31 of the Code of Miami-Dade County, Florida, is amended as follows:[1]

Sec. 8-31. Local technical amendments to Florida Building Code.

* * *

(C) The County hereby adopts the following local technical amendment to Chapter 4[[~~1~~]]>>2<< (Residential) of the Florida Building Code.

[[~~R4101.16 Electrical~~]] >>E4206.4.1 Maximum Voltage. The maximum voltage for each luminaire in any private swimming or recreational bathing pools shall not exceed the Low Voltage Contact Limit, which is defined as a voltage not exceeding the following values:
(1) 15 volts (RMS) for sinusoidal alternating current
(2) 21.2 volts peak for nonsinusoidal alternating current
(3) 30 volts continuous direct current

[1] Words stricken through and/or [[double bracketed]] shall be deleted. Words underscored and/or >>double arrowed<< constitute the amendment proposed. The remaining provisions are now in effect and remain unchanged.

(4) 12.4 volts peak for direct current that is interrupted at a rate of 10 to 200 Hertz

The maximum incandescent lamp size shall be 300 watts.<<

[[~~Electrical wiring and equipment shall comply with Chapter 27 of the Florida Building Code~~.]]

[[~~R4101.16.1~~]] >>E4206.4.1.1<< Lighting

When artificial underwater lighting is utilized in any private swimming or recreational bathing pools, all portions of the pool, including the entire bottom and any and all drains, shall be readily seen without glare.

[[~~R4101.16.2 Underwater Lighting~~

~~The maximum voltage for each luminaire shall not exceed the Low Voltage Contact Limit, which is defined as a voltage not exceeding the following values:~~
~~(1) 15 volts (RMS) for sinusoidal alternating current~~
~~(2) 21.2 volts peak for nonsinusoidal alternating current~~
~~(3) 30 volts continuous direct current~~
~~(4) 12.4 volts peak for direct current that is interrupted at a rate of 10 to 200 Hertz~~
~~The maximum incandescent lamp size shall be 300 watts.~~]]

(D) The County hereby adopts the following local technical amendment to Chapter 4 (Building) of the Florida Building Code.

4[[~~2~~]]>>5<<4.2.16 Electrical.

Electrical wiring and equipment shall comply with Chapter 27 of the Florida Building Code, Building.

4[[~~2~~]]>>5<<4.16.1 Lighting

When artificial underwater lighting is utilized in any private swimming or recreational bathing pools, all portions of the pool, including the entire bottom and any and all drains, shall be readily seen without glare.

4[[~~2~~]]>>5<<4.16.2 Underwater Lighting

The maximum voltage for each luminaire shall not exceed the Low Voltage Contact Limit, which is defined as a voltage not exceeding the following values:
(1) 15 volts (RMS) for sinusoidal alternating current
(2) 21.2 volts peak for nonsinusoidal alternating current
(3) 30 volts continuous direct current
(4) 12.4 volts peak for direct current that is interrupted at a rate of 10 to 200 Hertz

The maximum incandescent lamp size shall be 300 watts.

Section 2. If any section, subsection, sentence, clause or provision of this ordinance is held invalid, the remainder of this ordinance shall not be affected by such invalidity.

Section 3. It is the intention of the Board of County Commissioners, and it is hereby ordained that the provisions of this ordinance, including any sunset provision, shall become and be made a part of the Code of Miami-Dade County, Florida. The sections of this ordinance may be renumbered or relettered to accomplish such intention, and the word "ordinance" may be changed to "section," "article," or other appropriate word.

Section 4. This ordinance shall become effective ten (10) days after the date of enactment unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

PASSED AND ADOPTED: May 5. 2015

Approved by County Attorney as
to form and legal sufficiency:

Prepared by:

David Sherman

Prime Sponsor: Commissioner Audrey M. Edmonson
Co-Sponsors: Commissioner Daniella Levine Cava
Commissioner Jose "Pepe" Diaz
Commissioner Sally A. Heyman
Commissioner Barbara J. Jordan
Commissioner Juan C. Zapata