

GG332-14

A107.6, A107.6.1

THIS CODE CHANGE PROPOSAL IS ON THE AGENDA OF THE IgCC ENERGY/WATER CODE DEVELOPMENT COMMITTEE. SEE THE HEARING ORDER FOR THE IgCC ENERGY/WATER CODE DEVELOPMENT COMMITTEE.

Proponent: Richard Miller, representing FLSS IAFC (rmiller@iafc.org)

Revise as follows:

A107.6 Alternate onsite nonpotable water to fire pumps project elective. Where projects are intended to qualify for an *alternate onsite nonpotable water* to fire pumps project elective in accordance with Sections A107.6, one or more fire pumps shall be located within 200 feet (60 960 mm) of a nonpotable water collection system of sufficient quality, pressure, and capacity for fire pump applications and the fire pumps shall be connected to such source of nonpotable water. The connections shall be in accordance with Section ~~403.3.2~~ 913 of the *International Building Fire Code*.

A107.6.1 Quality of water used for fire suppression. The required quality and treatment of the nonpotable water stored and used by fire pumps for fire suppression and automatic fire sprinkler systems shall be ~~determined by the authority having jurisdiction~~ in accordance with the *International Fire Code*.

Reason: Section 403.3 of the IBC is for high rise fire pump connections and requires connections to water mains. What of other buildings that are not high rise? If redundancy is desired, then a reference to 913 of the IFC would reference to NFPA 20 which has redundancy requirements for water supply in high rise buildings. NFPA 20 also has connection requirements for non-high rise buildings.

The quality of the nonpotable water used by fire pumps should be compatible with all systems (suppression and fire sprinklers) supplied by the fire pump. The water for a standpipe system may be treated differently than a combined system of standpipe and fire sprinklers. This change helps the user be aware of what the fire pump supplies.

"This proposal is approved by the Fire-CAC, but not reviewed by the SEHPCAC"

Cost Impact: Will not increase the cost of construction.

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