• NSF 50 addresses materials, chemicals, components, products, equipment and systems related to public and residential water facility operation.

• NSF 50 includes criteria for assessment of swim spas, heaters, and all ancillary related equipment and systems.

• Although NSF 50 currently references UL1261 for electrical water heaters it doesn’t yet reference the appropriate standard for natural gas pool water heaters.

• Gas heaters are more energy/cost efficient that electric heaters and are desired by the industry.
Motion to Ballot

- Revise NSF 50, Section 20.7.4 to add the ANSI standard for gas-fired pool heaters

NSF/ANSI Standard 50 (add language below)

Section 20.7.4 Heater

... All gas-fired pool/spa heaters shall meet the requirements of this standard and ANSI Z21.56-2013/CSA 4.7.
1.1.1 This standard applies to newly produced pool heaters (see Part IV, Definitions), hereinafter referred to as pool heaters or appliances, constructed entirely of new, unused parts and materials, for heating non-potable water stored at atmospheric pressure, such as water in swimming pools, spas, hot tubs and similar applications: a. For use with natural gas; b. For use with manufactured gas; c. For use with mixed gas; d. For use with liquefied petroleum gases; and e. For use with LP gas-air mixtures. f. For installation in applications intended to temper the entire flow of the primary circulating pool loop water prior to re-entering the pool. g. For installation in applications for pool heaters intended to temper a portion of the primary circulating loop water diverted through the pool heater by mechanical means, and then re-enter and mix with the primary circulating loop water prior to entering the pool. 1.1.2 This standard also applies to pool heaters intended for installation at a distance less than 5 ft (1.52 m) from the inside surface of a pool or spa, hereinafter referred to as close proximity heaters (see Part IV, Definitions). 1.1.3 This standard also applies to pool heaters for indoor installation with draft hoods which are factory equipped with automatic vent damper devices (see Part IV, Definitions), hereinafter referred to as vent damper devices. 1.1.4 This standard also applies to pool heaters of other than the direct vent type which are factory equipped with electrically operated or mechanically actuated automatic flue damper devices (see Part IV, Definitions), hereinafter referred to as flue damper devices. 1.1.5 If a value for measurement as given in this standard is followed by an equivalent value in other units, the first stated value is to be regarded as the specification. 1.1.6 All references to psi throughout this standard are to be considered gage pressure unless otherwise specified. 1.1.7 Exhibit D contains provisions that are unique to the United States. 1.1.8 Exhibit E contains provisions that are unique to Canada. 1.1.9 Special construction provisions applicable to a water heater designed for use with an optional listed conversion kit are outlined under Exhibit F, Optional Provisions of Listed Gas Appliance Conversion Kits. 1.1.10 Exhibit G contains a list of standards referenced in this standard, and sources from which these reference standards may be obtained.