MEMORANDUM

TO: Joint Committee on Recreational Water Facilities

FROM: Tom Vyles, Chairperson of the Joint Committee

DATE: November 4, 2014

SUBJECT: Proposed revision to NSF/ANSI 50, Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (50i74r4)

On behalf of Mr. Rich Martin Revision 4 of NSF/ANSI 50 issue 74 is being forwarded to the Joint Committee on Recreational Water Facilities for consideration. Please review the proposal and return your ballot by the ballot due date of November 18, 2014 via the online workspace (http://standards.nsf.org).

When adding comments, please identify the section number/name for your comment and add all comments under one comment number where possible. If you need additional space, please upload a word or pdf version of your comments online.

Purpose

The purpose of this ballot is to include requirements for heat exchangers, heaters, coolers, and solar water heating systems.

Voting

This two-week adjudication and revision ballot allows voters the opportunity to respond, change or reaffirm their vote based on the content of the comments (see response letter in supporting documents) and changes shown as underline on the ballot document.

Voting options:

1. **Affirmative**: you are voting to accept the ballot document as it stands after your consideration of the unresolved negative comments.
2. **Negative**: You are voting to reject the ballot document as it stands after your consideration of the unresolved negative comments. Voters who change an affirmative to a negative shall cite the unresolved negative comment that caused their decision.
3. **Abstain**: You do not feel that you have sufficient information to make an informed decision on this issue.

Please note that if you do not return a vote in this adjudication ballot, your original vote will remain in effect. At the close of this revision and adjudication ballot, all results will be tallied to determine if the requirements for consensus have been satisfied.
Background

NSF received requests from public health officials in New York, New Mexico, and other states to add evaluation and testing criteria for heater and cooler products to NSF/ANSI 50. NSF 50 already has applicable health safety, materials, corrosion, design and construction, as well as the common performance related pressure tests such as dimensional testing, burst testing, cyclical pressure testing, head loss testing of the device and connection fittings, etc. Although included in the scope, NSF 50 does not contain a specific sub-section for the various heater, cooler, heat exchanger products. At the request of public officials and product manufacturers NSF has tested and certified heater, cooler, and heat exchange products for manufacturers using the many common NSF 50 requirements. This ballot makes the NSF 50 requirements for heater products concise, clear and puts them into a section that is specific to such products. This ballot addresses the need for material health safety, corrosion, design and construction, user installation and operating instructions, product marking, and pressure related performance testing. This ballot but doesn’t create any new electrical or fire safety requirements for electric or gas fired water heaters.

Issues

One negative vote was received on revision 3. The majority of the comments from the negative vote were addressed in revision 4 contained herein; however the voter maintained their negative vote.

Public Health Impact

This ballot will increase public health and safety protection because it adds a dedicated section for heater and cooler product requirements where previously there were varied references within NSF/ANSI 50.

If you have any questions about the technical content of the ballot, you may contact me in care of:

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