

From: Hughes, Theresa [<mailto:thughes@nsf.org>]

Sent: Friday, February 21, 2014 12:44 PM

To: poolpumps@energystar.gov

Subject: RE: ENERGY STAR Pool Pump Draft 1 Connected Functionality Webinar

Importance: High

Good Afternoon,

Following are some questions and comments from NSF International regarding the Pool Pump Draft 1 Connected Criteria for the February 24, 2014 deadline:

1. Maintaining flow through a pool's filtration and chlorination system is critical in preventing waterborne illness, and preventing or limiting flow through a pool's treatment system could prove detrimental to public safety. Has any consideration been given to the affect of a Type 1 (4 hour interruption of pumping) response on pool sanitation?
2. Periods of peak bather load in a pool and thus the highest need for filtration and chlorination would seem to coincide with periods of high grid load (hottest times of the day), has any consideration been given to the effects of peak grid demand response on sanitation?
3. Has any consideration been given to the effect of a Type 3 response (increased pumping speed) on potential bather entrapment (i.e. suction fitting flow ratings)?

Please let us know if you have any questions.

Best Regards,

Theresa

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