

**ASHRAE TC 3.6**

**Long Range Research Plan**

FPY (6/28/10)

Status	Topic	Comments	Champion
RP	1361. "Biological Control in Cooling Water Systems using Non-Chemical Water Treatment Devices"	U of Pitt and ASHRAE agreed to a contract. Project began 4-1-08. Contract date is through 10-31-09.	PMS
	Zero Bleed Technologies	C Sanderson to champion RTAR for email vote and submittal by (12/5/10)?	Sanderson
	Utilizing Reverse Osmosis on Bleed water for reuse in tower make-up as water conservation tactic	Coming need in Southeast due to severe regional drought	Cohen?
	Impact of Supply Water Filtration on Building Water Systems	In light of TC scope change, TK and SLF to work on resubmission. On hold for TK input.	Keane/Ferrari
	Cooling tower drift eliminator and risk of pathogen		Filed
	On-line, Real-time Biological Monitoring	Was Forum topic for winter 2006 meeting: "Is realtime biological monitoring for cooling water systems feasible?" On hold for now-currently too \$\$.	
	How Does the Level of Suspended Solids Affect Fouling ?	Effect on fill pack, enhanced condenser tubes...Address corrosion, scale, biological activity. Update- Get info on studies done at Penn State by Ralph Webb	
	What are the increased microbiological risks associated with use of gray water in cooling water systems?	Developed after Forum on water reuse at Quebec City	
	Investigate Bio-active Filtration		
	Controls and automation.	More urgent given the status and direction of SPC188	

**Deadlines for RTAR and WS submission are on May 15, Aug 15, Dec 15, and "maybe March 15" per RAC**