



# COOLING TECHNOLOGY INSTITUTE

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## CTI Water Treatment Committee Summer Meeting July 10-12, 2006 Clearwater Beach, Florida

John Zibrida, Chair  
Ken Mortensen, Vice Chair  
Matt Wangerin, Secretary

### I. Call to Order/Announcements/Introduction of Attendees

John Zibrida led the opening and closing discussions. Thanks were offered to participants and employers for time and effort spent on behalf of CTI. A list of 18 attendees at the opening meeting will be forwarded as under separate cover.

### II. Approval of Minutes - February, 2006 Subcommittee Meeting

Approved.

### III. Task Group Reports

**Environmental Issues** [Dean Lammering] The goal the Task Group is a revision of the Cooling Tower Manual - Chapter 7. The task is approx. one half completed with the remainder outlined. The writers for the remaining sections have been assigned – due date is prior to the Annual Conference 2007, so a completed document can be reviewed at that time.

**Water Reuse Document** [Phil Kiser] The Task Group worked on a rewrite of the document, which has been completed, and it will be forwarded to Vicki for submittal to CTI approval cycle.

**Cooling Water Performance: Microbiological Monitoring** [Walt Tyler] A draft of the Task Group document has been consolidated and completed. The document will be routed for editing – J. Zibrida, P. Grayson, M. Trulear, A. Brunn.

**Filtration of Cooling Tower Systems** [Clarence Melancon] The Task Group will provide a Guideline document to discuss the benefits of filtration in cooling water systems. Target for a draft document is Winter Meeting 2007.

**Oxidizing Biocide, WTP-141** [Dwight Emerich] The Task Group Chairman was absent from the Summer Meeting. Sections on hydrogen peroxide and monitoring and control methods were added and discussed. This Task Group should be consistent with the work in the Micro-Biological Monitoring Task Group. This Task Group will be active at the Annual Conference 2007.



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**Ozone Reading Lists, WTP-139 & 139.1** [Ken Mortensen] This Task Group merged previous, scanned documents and completed the list, which now goes to the Ad Hoc Committee for additional approval.

**Task Group for *Legionella*** – [Art Brunn] This Task Group made additions and edits to the CTI *Legionella* document. These will be again reviewed and the task will be completed after the Annual Conference 2007.

**Cooling Water Performance: Deposit Control Monitoring** – [Jean Gucciardi] This Task Group has completed the writing of the draft document. Consistency editing is required for completion, which will be done at the Annual Conference 2007.

## IV. Liaison Reports

**ASHRAE** – M. Standish reported that the ASHRAE Legionnaire's Standard should be considered in the CTI *Legionella* Task Group

**ASM** – No Report

**AWT** – Meeting in Charlotte in September 13-16, 2006

**EPRI** – No Report

**NACE** – Fall Committee Week in September, 2006

**IWC** – Meeting in Pittsburgh in October, 2006

**WaterTech** – No Report

## V. New Business –

### New Task Groups

The Corrosion Monitoring document (completed) and the Microbiological Monitoring and Deposit Control Monitoring documents (almost complete) were intended to be three parts of a larger document. The Water Treatment Subcommittee should investigate blending/conforming these three documents. Another possibility includes a task group focused on summarizing non-chemical water treatment devices. We need to check with other CTI subcommittees for their involvement in such a topic.

### Water Treatment Papers

CTI needs reviewers from the WT committee for the papers planned for the Winter Meeting 2007. Volunteers include P. Grayson, P. Kiser, A. Brunn, J. Kanuth, C. Melancon, D. Emerich.

### Winter 2007 Program Ideas

It was proposed that Annual Conference 2007, to be held in Corpus Christi, TX, include a seminar focused on water conservation and water reuse in cooling water systems.



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## **VI. Old Business –**

### **CTI Document Review**

There is a 5 year review process for all CTI papers. A spreadsheet should exist that we can access to periodically and individually revise, affirm or withdraw any paper that comes up for review.

## **VII. Adjournment**

## **VIII. Attendees –**

Separate document submitted electronically.