



# COOLING TECHNOLOGY INSTITUTE

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## Cooling Technology Institute 2012 Winter Meeting Houston, Texas

### CTI Engineering Standards and Maintenance Committee

#### Closing – General Session, February 8, 2012

Bill Howard, Cooling Tower Depot - Chair  
James Blake, American Lightning Protection - Vice Chair  
Ken Mortensen, SPX Cooling Technologies - Vice Chair and Secretary

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

At 1:36PM, Bill Howard opened the updates. A list of 11 attendees at the closing meeting is available.

#### II. Lead Task Group Chair Reports

##### Wood, Metal, and Concrete Materials Task Group [Bill Howard]

- **New Guideline, Cleaning of Cooling Towers** - The group outlined 2 sections, Basin Cleaning and Disinfection, for the draft document.
- **Information, R Seismic Factor** – No Report. Expecting a proposal for work and schedule soon.

##### Mechanical Equipment Task Group [Dave Suptic]

- **STD-151 – Variable Frequency Drives** The group met and finished a draft document that is now ready for Ad Hoc.
- **New Standard – Vibration** The group wrote an overview that includes monitoring, baseline development, with Discrete Frequency Graph. A final draft will be completed in July at the summer meeting.
- **Chapter 11 – Electrical Components** The group met to plan a major rework to this chapter based on current industry standards.

##### FRP and Plastics Task Group [Glenn Barefoot]

- **New Guideline – Wood to FRP** The group met and will expand the outline of the “process for design” of combined structures.
- **New Guideline – FRP Fan Stack Design** The group met to consider adding this information to **STD-203 Industrial Cooling Tower Standard**.

##### Tower Operations Task Group [Jim Baker]



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- **Chapter 13 – Inspection of Cooling Towers** The group met to review current document and approve it for AdHoc Review.
- **STD-203 - Industrial Cooling Tower** The group met to work from the outline put together for this document.

## **Hazard & Environmental Protection Systems Task Group [James Blake]**

- **Chapter 7 (Water) & Chapter 8 (ES&M) Environmental Aspects of Cooling System Operation** - The group met with the goal of combining Chapter 7 and Chapter 8. The group is to receive help from Jon Cohen of HOH representing the Water Treatment Committee.
- **New Guideline, Field Erection Practices** – The group is considering the need for this document and wants to ask customers to define their needs.
- **BUL-109 Nomenclature of Industrial Cooling Towers** - The group will met to review the draft and is planning to add a few more items and then send the document to AdHoc.

## **III. Adjournment – at 2:00PM**