



NFRC 2010 Spring Membership Meeting  
April 12-15, 2010, New Orleans, LA

## Draft-Minutes

### Research Subcommittee

Tuesday, April 13, 2010

*Block Period: 8:00 a.m. – 1:00 p.m.*

*Chair: Bipin Shah, WinBuild, Inc.*

*Vice Chair: Peter Lyons, Peter Lyons and Associates*

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1. Chair called the meeting to order - antitrust reminder given and reviewed voting requirements.
2. S. Wendt (NFRC Staff) was appointed recording secretary
3. The minutes from November 2009 meeting in San Antonio, TX were approved as presented.
4. One item was added to the agenda and approved.
5. Reports
  - a. Research Project Status and Financial Summary-Ray McGowan, staff
    - i. Money is available for research.
    - ii. DOE has approved money till 2014
    - iii. Proposals for research shall be submitted to research committee
  - b. Window 6-Therm 6 Validation Research PMTG-Joe Hayden, Pella

**MOTION:** J. Hayden / R. Dill moved to motion to extend project completion deadline to summer 2010 membership. Motion passes by unanimous voice vote.

W. duPont reported a presentation on the Window6/Therm6 research.

    - W6/T6 are currently under development with new capabilities
  - c. Attached Awning Rating Research PMTG-John Gant, Glenraven reported that project titled 08103RP, has gone through the RP process, 100% of the funds were provided. Aug. 17, 2009 award was given to R. McCluney and assisted by W. DuPont. Final review of the written report was given by R. McCluney to R. McGowan was given April 11, 2010. Submitted project evaluation forms to R. McGowan and given a 90. It is complete and thorough.

**MOTION:** D. Smallwood / M. Cinean move to approve that the research as completed and recommend contractor be paid accordingly. Motion passes by unanimous voice vote.

**MOTION:** J. Hayden / K. Brenden moves to motion to request the RTC to refer the result of the research project to the Attachment Committee for further consideration and development of a recommendation for further action. Motion passes by unanimous voice vote.



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The PMTG is resolved and to be removed from the NFRC website.

- d. TDD U-factor Research PMTG-Dave DeBlock, ODL reported that no action has been taken.

**MOTION:** D. DeBlock / J. Baker moved to extend deadline to Fall 2010 Membership Meeting. Motion passes by unanimous voice vote.

- e. Condensation Resistance Procedure for CMA PMTG-Kevin Vilhauer reported a summary of research findings submitted by C. Curcija.

**MOTION:** K. Vilhauer / J. Baker motion to move to extend the project completion deadline to Fall 2010 Membership Meeting. Motion passes by unanimous voice vote.

- f. Complex VT Rating Research PMTG- C. Kohler reported presentation of Initial Summary of Round Robin  $T_{vis}$  Measurements for Tubular Daylight Devices (TDD).

- i. LBNL to forward final report on findings to TG and report at Summer 2010 Membership Meeting.

- g. Gas Permeability Research (IGMA project, NFRC cosponsoring)-Werner Lichtenberger, Truseal reported that project has moved along but unsure of problem with gas supply. Delay of 4 month but new method allows them to do 5 tests at one time. Plan was to be already testing samples.

- i. M. Web reported that
    1. TG is awaiting a clean/perfect baseline prior to starting testing.
    2. The system has no leaks, and will take 5 measurements in 5 samples. To all be done with in 1 day, rather than proposed 7 days.
    3. Expected September reporting to IGMA will not happen but extended till 2011 IGMA meeting.
    4. Completion of phase 2.
    5. May request additional funding from NFRC or participants.
    6. Phase 4 does not require funding.
    7. Second one is on schedule.

### 6. Unfinished Business

- a. None.

### 7. New Business

- a. NFRC 703-Research Program Manual ballot

Sunergy: W. duPont – Negative

**MOTION:** W. duPont / B. DeBlock moved the motion to find persuasive and editorial to combine language. Motion passes by unanimous voice vote.

Andersen: S. Johnson– Approved with Comment

**MOTION:** S. Johnson / R. LeBrun moved the motion persuasive and editorial. Motion passes by unanimous voice vote.



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Sage: C. Hayes– Approved with Comment

**MOTION:** C. Hayes / D. DeBlock moved the motion for the first item (2.6) to find persuasive and editorial. Motion passes by unanimous voice vote.

**MOTION:** C. Hayes / D. DeBlock moved the motion for the second item (5.4) to find persuasive and editorial. Motion passes by unanimous voice vote.

**MOTION:** J. Hayden / D. DeBlock moved the NFRC 703 as edited to the Research TC and recommend implementation upon publication. Motion passes by unanimous voice vote.

b. Improved Algorithms for CMA Research RFP ballot

Associated Labs – Negative

**MOTION:** B. Shultz / R. VanVoorst moved the motion to find the negative persuasive and substantive. Motion passes by unanimous voice vote.

WestLab – Negative

**MOTION:** J. Baker / S. Strawn moved the motion persuasive and substantive and reject the RFP. Motion passes: 15-6.

Andersen – Negative

Withdrawn that the anticipation for the previous motion be moved forward.

Jeld-Wen: S. Strawn – Negative

Withdrawn as previous actions have addressed negative.

Sunergy: W. du Pont – Approved with Comment

Withdrawn as previous actions have addressed negative.

**MOTION:** A. First / B. Second moved the motion. Motion passes by unanimous voice vote.

c. J. Gant: Existing research of NFRC is a resource more people need to be aware of. How to list those docs that NFRC holds so people know where to find that information. RSC recommended to have NFRC Staff move forward with project to publish all completed research documents are available for download with permission only. Dating back to 90s.

i. W. duPont: Categorize, abstracts, password protected.

8. The meeting was adjourned at 11:39 AM.