



NFRC 2009 Summer Membership Meeting
July 20-23, 2009, Baltimore, MD

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Research Subcommittee

Tuesday, July 21, 2009

Chair: *Bipin Shah, WinBuild, Inc.*

Vice Chair: *Rich Biscoe, Architectural Testing, Inc.*

1. Chairman Shah called the meeting to order at 10:35 a.m.
2. John Lewis (staff) appointed recording secretary
3. Minutes approved from March 2009 meeting in Tucson, AZ.
4. Reports
 - a. Ray McGowan (staff) reported the Research Financial Summary status
 - b. **Condensation Resistance Procedure for CMA PMTG** (Kevin Vilhauer, Chair – PMTG) C. Curcija provided update and advised the research has been completed, but the final report is still under development. Willie du Pont moved, Dave DeBlock seconded, to extend deadline to provide research project to November 2009. The motion passed, unanimous voice vote.
 - c. **Tubular Daylighting Devices U-factor rating PMTG** (Dave De Block, Chair) De Block advises the peer review report is not completed and requested the deadline be extended to the end of 2009. DeBlock moved and Natural Lite Energy Savings seconded to delay report through end of 2009. The motion passed, unanimous voice vote.
 - d. **Window 6/Therm 6 Validation Research PMTG** (Joe Hayden, PMTG). W. du Pont provided a presentation on the Project. Joe Hayden reported the report is not complete. Joe Hayden moved and Dave DeBlock seconded to extend the completion date to the November Membership meeting. Motion passed, unanimous voice vote.
 - i. Hayden expressed his displeasure with the ‘unacceptable’ delays with research projects in general, and stated he would not approve further.
 - e. **Complex VT Rating Research Project PMTG** (Ross McCluney, Chair) R. McCluney provided an update on the status of this project stated that the project is moving, but not as quickly he would like. Chairman Shah stated that although there is not a formal deadline for this project, and urged McCluney to proceed with all due haste in the completion of the project. McCluney reviewed Excel spreadsheet data table showing the sky conditions versus SALT (deg.). McCluney requested the Project Monitoring TG to review the testing methodology currently being used. Chairman Shah requested that deadlines be established for this project. DeBlock



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stated that Velux is non-responsive and this is slowing down the completion of this project. McCluney requested that Solatube, LBNL, and Velux (if they are present) meet during this membership meeting.

- f. **Attached Awning Ratings Research Bid Review BRTG** (John Gant, Chair) J. Gant provided an update on this matter. J. Gant moved and DeBlock seconded that SunPine Consulting be awarded the contract. J. Hayden asked if there were provisions for penalties for delays in the contract. Chairman Shah requested that such language be considered. M. Thoman cautioned the group that research is not the same as delivering a load of windows to a jobsite. The motion passed 20-1-0.

5. Unfinished Business

- a. J. Hayden requested the Research Manual Task Group be resurrected to review the provisions of NFRC 703-Research Program Manual dealing with delays of contract, but to not be so rigid with these provisions that firms are unwilling to participate in further research. John Gant and Joe Hayden requested to join this task group. Chairman Shah requested that Werner Lichtenberger advise Rich Biscoe to reconvene the group.

6. New Business.

- a. Margaret Webb provided a presentation on *Performance Sustainability of Insulating Glass Units*. Webb requests \$7,500 funding from NFRC towards this \$80,000 project. J. Hayden moved and R. Temple seconded to approve the request for funding from IGMA with the provision that IGMA provide an update to NFRC at each membership meeting. Motion passed unanimous voice vote.

7. The meeting adjourned at 11:51 a.m.
