



Minutes

Research Subcommittee

Monday March 3, 2008

Under Research and Technology Committee Block: 2:30 p.m. – 5:30 p.m.

Chair: *Rich Biscoe, ATI, Inc.*

Vice Chair: *Bipin Shah, WinBuild*

1. **The Chair called the meeting order @ 2.30 pm.**
2. **The chair appointed Jessica Ferris (staff) recording secretary**
3. **Minutes from November 2007 meeting in Tempe, AZ approved as presented.**
4. **Reports**
 - a. Staff (Ray McGowan) reported on the research funding status.
 - b. Domed Skylights U-factor Rating PMTG (Dave De Block) – Presented by Charlie Curcija – projected is completed and final report sent out to the monitoring task group.
 - a. **MOTION:** D. De Block motioned and J. Hayden seconded to recommend approval of the domed skylight U-factor report, proceed to peer review, recommend implementation in NFRC rating procedures, and recommend for ISO 15099. Motion passes by unanimous voice vote.
 - c. Tubular Daylighting Devices U-factor rating PMTG (Dave De Block, Chair - PMTG) – ATI is still working on peer review paper.
 - d. Condensation Resistance Procedure for CMA PMTG (Mike Thoman, Chair) – Work still ongoing. Charlie does not a formal update right now. Have done lots of work and encouraging results. Next meeting will have final report.
 - e. Spectral Weighting Function PMTG (Bipin Shah, Chair - PMTG) – TG met several times and final report submitted Feb. 26th. Recommended changes have just been recently incorporated by e-mail. Sunergy gave update on findings of the project - These new spectra are more accurate than NFRC's current spectra.
 - i. **MOTION:** B. Shah moved and J. Larsen seconded to recommend 80% payment for the Spectral weighting function research project and forward to the RTC. Motion passes by unanimous voice vote.
 - ii. **MOTION:** B. Shah moved and Gurjinder Singh seconded to recommend to the RTC that the SWF presentation be submitted to the Optical



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Properties SC and Technical Committee for consideration in development of 2009 standards. Motion passes by voice vote.

- f. Complex Product VT Research PMTG report (Willie du Pont, Ross McCluney, Chairs) – Paul Jasper is new chair of this PMTG. Work will begin after ATI awards an optical property expert contract this spring.
- g. Non Standard Products for CMA PMTG-Bipin Shah – Have finalized the products to be simulated in this research project.
- h. Long Range Research Planning Task Group-Rich Biscoe – Chart has not changed and resides on the task group web page.
- i. Window 6/Therm 6 Validation Research BRTG (Joe Hayden) – Presentation. Received 2 bids -Sunergy Consulting chosen.
 - i. **MOTION:** J. Hayden moved and F. Higgins seconded to move that the Research SC approve the recommendation of the BRTG to award the bid to Sunergy Consulting, with assistance from Sun Pine Consulting, and forward same to the RTC for further consideration. 5-13 – Motion fails.
 - ii. **MOTION:** J. Lewis moved and B. Croak seconded to resubmit for RFP for reconsideration.
 - iii. **MOTION:** T. Culp moved and B. Shah seconded to table current motion until the next day when the meeting resumes.

5. New Business

- a. Garden House Window Simulation Summary Page presentation (Carli) – Roland Temple – asking for new simulation procedure for this product. Need motion to approve this for RFP.
 - a. **MOTION:** R. Temple moved and C. Curcija seconded to approve Garden House Window summary page to RSC for RFP. Passes by voice vote. Now moves to RFP stage. Roland Temple, AZS Consulting will take it to RFP.
 - b. Domed Skylight Validation Research Summary Page Presentation (Carli)
 - i. **MOTION:** C. Curcija moved and D. De Block seconded to develop full RFP for extended validation of Domed Skylights as per summary page.



NFRC 2008 Spring Membership Meeting
March 3-6, 2008, Nashville, TN

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Friendly amendment from Dave De Block to consider existing test path.
Passes by unanimous voice vote.

6. Meeting adjourned @ 5:30 PM on 3/3/8.

7. Reports (resumed)-Meeting resumed 3/4/08 @ 8:00 AM to address tabled motion.

- a. Window 6/Therm 6 Validation Research BRTG (resumed 3/4/8)– Presentation. Received 2 bids -Sunergy Consulting chosen - Bid still goes to Sunergy but the bid amount will be \$132,000 as opposed \$152,000. Staying with Sunergy because of Sun Pine Consulting's expertise. All reference to non-accredited labs has been removed from the proposal.

- i. J. Lewis and T. Culp withdraw previous motion

- ii. MOTION: J. Hayden moved and T. Culp seconded to move that the Research SC approve the recommendation of the BRTG to award the bid to Sunergy Consulting, with assistance from Sun Pine Consulting, and forward same to the RTC for further consideration. Motion passes by unanimous voice vote. There was 1 abstention.

8. Meeting adjourned @ 8:25 AM.