Continuing on Non-planar skylight simulation procedures...

Old Business – U-Factor

- Reviewed notes from last meeting to bring everyone up to speed.
- Alan Kinne did not get a chance to send the research report off to technical members of NFRC for review. Will do that this week.
- Charlie Curcija did not finish language for an NFRC 100 ballot. Will attempt to draft something this month or shortly thereafter.
- Research report only includes dome skylights (not TDDs), excludes barrel vaults and pyramid but does include dome over a flat sheet, single and double domes and single and double domes over a flat sheet.
- When suggesting products to be included in new research proposals, provide pictures/drawings/descriptions for lay people not involved in skylight manufacturing. Send information to Staff (D Anderson).

New Business - SHGC and VT

- Scope – NFRC 202 Expansion TG exists for VT but nothing was accomplished. Looked at a test only approach. Considered using integrating sphere. 202 TG was to develop test method, should not be stopped for this group. Both tasks should continue.
- Window and Therm still cannot do simulations for SHGC/VT for domed products. Ray Tracing programs could be used but there are no rules regarding that, the software would need to be approved and the simulators would have to be trained. Are the programs used years ago still useful and available? Would NFRC have to supply software tools to labs or would the labs have to decide if they want to invest in it? NFRC would probably have to have a copy. The question of who accredits simulators and labs would have to be addressed.
- Is this something that could be done by approved entities and then the output could be entered as user created glass in Window or perhaps even put into the IGDB.
- There is most likely an issue of round robin testing/comparisons for ray tracing programs. How would NFRC get to the point where that round robin would be accomplished?
- Ray tracing would be used for COG numbers only.
- Jacob Jonsson had a powerpoint about this topic in 2007. Charlie will ask Jacob to review it for current relevance and accuracy. Jacob should be invited to the next call once we hear from him on this. Charlie will review a 09/2010 RFP to see if it needs to be updated for presentation, perhaps at next month’s Membership meeting.

Dennis cautioned that new research could take up to 2 years to get off the ground, largely due to the lack of research funding and the fewer SC meetings each year. Dennis will look into changing the research manual to try to shorten that process, but funding is still a major concern. The TG was encouraged to consider self-funding by interested manufacturers.

Next meeting to be scheduled once Charlie is done with the RFP. Probably not until October.

Adjourned 2:01 PM.