

From: Scott Rickert
Sent: Tuesday, November 11, 2008 12:36 PM
To: Emily Zachery
Subject: Criteria Revision

Emily,

It was nice to speak with you today about our concerns with respect to the proposed revisions to energy star ratings for energy saving residential windows. As requested, I have summarized my comments below.

I am concerned about the bias shown as to which coatings or coated glass may or may not be appropriate for a homeowner. The proposed revision goes much further than is necessary, and virtually recommend currently available low-e glass technology as a favored way to reduce energy costs.

I also mentioned that much of the low-e glass sold has serious weaknesses, including significant cell phone signal attenuation, and solar heat loss. I also mentioned that the cell phone industry has recognized the attenuation problem, as a serious impediment to first responders' abilities to communicate when inside any low-e glass enclosed home or building.

I suggest that the Department of Energy; (1) eliminate any upper limit on total solar heat gain for its rating system, and (2) not continue to bias the rating towards reflecting energy away from a building. The lives of occupants in a burning building may depend on it.

Here are some links worth looking at:

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?tp=&arnumber=1638391&isnumber=34349

<http://elsmar.com/Forums/archive/index.php/t-10706.html>

http://www.xenya.si/sup/info/enterasys-cabletron/RoamAbout-Wireless/Manuals/RA_SitePrep_3153.pdf_page_5

Please feel free to contact me should you have further questions.

Sincerely,

Scott Rickert, CEO
Nanofilm, Ltd.