VIG TG

- TG called to order at 10:05 am by David Cooper from Guardian
- Agenda reviewed. No changes. Approved
- David presented brief review of methods in WINDOW and THERM
- NFRC documentation
  - WG will develop language and coordinate with LBNL
  - WG will send language to TIPC for review and approval
  - TIPC cannot create new rules. It can only interpret existing rules.
  - New methods need to be approved by NFRC 100 and 200
- Optical properties
  - David reviewed ISO 9050 discussions
  - ISO 9050 group recommended ignoring the pillars for optical properties, so we will continue to use NFRC 300.
- Other documents, like 500, 700 series. Need to be balloted as next steps
- Validation of the method
  - Research project with several glazing and frame configs (8 combinations) and tests using Guarded Hot Plate (GHP) for glazing and hot box for whole window
  - Pressure in the glazing unit determines conductance. In order to determine pressure necessary to measure in GHP. ASTM standard.
- Durability
  - Proposal is to measure conductance, put 6 units in accelerated weather wall, as per ASTM std. Re-measure conductance afterwards.
  - Look at Eversealed accelerated ageing work.
- Informal discussion about performance, durability, engaging audience ensued.
- Concern is that durability of VIG should be done by IG certification bodies, not NFRC. There are precedents where NFRC was driving standards development, though.
- ISO VIG test standard update. TC160? David is involved and will send std number
- Meeting adjourned at 9:50 am.