



WinterGREEN

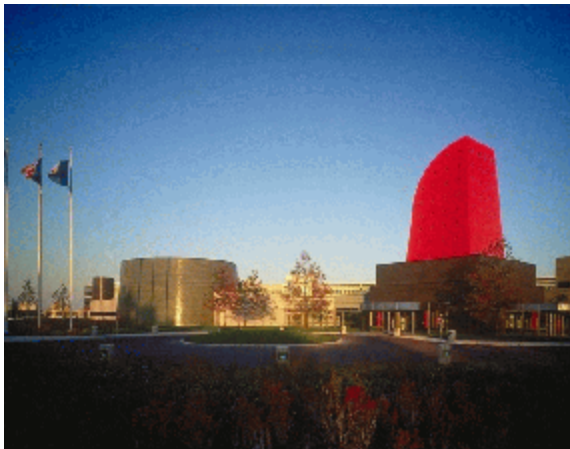


A BIMONTHLY UPDATE ON STEVEN WINTER ASSOCIATES, INC.'S WORK IN THE REALM OF ENERGY EFFICIENCY AND SUSTAINABLE BUILDINGS

Volume 1, No. 6

April - May 2000

Commercial High Performance Building Project Launched



U.S. Department of Energy (DOE) Secretary Bill Richardson has announced that DOE is creating a Commercial High Performance Buildings project to increase the energy efficiency of commercial buildings. The effort, a joint partnership between the private sector and the department, will also focus on improving the utility, comfort, quality and cost-effectiveness of commercial buildings. The project is being managed by **Steven Winter Associates, Inc. (SWA)**. “Thirty-two percent of the electricity generated in the United States goes to heat, cool, ventilate and light commercial buildings,” said Secretary Richardson. “The actions we are taking to decrease building energy use will save businesses money and reduce the impact of energy generation on global climate change and the environment.” The first phase of the Commercial High Performance Buildings project activities will demonstrate and publicize innovative “whole building” approaches that increase the quality and efficiency of commercial buildings while reducing their costs and impacts on the environment. The focus will be on raising awareness among building industry professionals and the public of noteworthy

commercial buildings that save energy and are environmentally sustainable. Commercial buildings that exemplify the desired attributes of energy efficiency, sustainability, superior quality, and cost effectiveness will be identified and promoted, and a database of high performance buildings (such as the Owens Corning headquarters, designed by Cesar Pelli & Associates, pictured here) is now on the project website: www.eren.doe.gov/buildings/highperformance/. Candidate projects for inclusion in the outreach program should be commercial buildings completed within the past few years or in design or under construction. Submissions may be sent to SWA to the attention of Jose Higgins and should include a brief description of building type and location, square footage, material specifications, and energy efficiency and sustainability features. Firms and others interested in participating are also encouraged to contact SWA.

SWA Honored on Earth Day 2000



SWA was the recipient of an award bestowed by the Connecticut State House of Representatives recognizing its “exemplary efforts that promote clean energy,” on the occasion of Earth Day 2000. Connecticut state representative Robert Maddox (R-Bethlehem) drove from the state capital in Hartford to SWA’s offices in Norwalk in a gas/electric powered Honda Insight (photo left) that gets up to 70 mpg to present the award. Maddox (at left in photo), who built and lives in an energy-efficient home, is pictured with SWA President Steven Winter.

Computer Models Confirm Superior Performance of NextGen House

Results just in on testing of the NextGen house, an innovative manufactured home designed by SWA, verify the home's superior energy performance. Computer analyses indicate that NextGen not only qualifies for an ENERGY STAR rating, but beats the performance requirements (no more than 43.8 million Btu/year for a home of this size and type) by nearly 20%. For the homeowner, this will mean a \$180 reduction in annual energy costs, which adds to the home's affordability. Duct blaster and blower door testing is currently underway and is expected to confirm the energy performance projections derived from computer modeling. The project, constructed on a site in Danbury, Connecticut, is a **Partnership for Advancing Technology in Housing (PATH)** demonstration house. An official ribbon-cutting is set for May 9, after which the house will be open for public tours for one month.

Spreading the Word on Sustainability

SWA professionals have presented workshops on sustainability at a variety of venues. In February, Steven Winter spoke at the Greenprints 2000 conference in Atlanta on the design and construction of high performance buildings. In March, Winter addressed a meeting in Charlotte, North Carolina, of the AIA's Facility Management Professional Interest Area on the impact of the



"green revolution." SWA's Adrian Tuluca, Carl Ian Graham, John Amatruda, and Catherine Coombs presented a series of Green Buildings Workshops for the New York State Energy Research and Development Authority in New York and Buffalo through March and April. Amatruda, Coombs, and William Bobenhausen also spoke on environmentally sound interiors at a New York AIA Chapter workshop in January. And articles by SWA staff on sustainability appeared in the January/February issue of *Environmental Design & Construction* (read it at: www.edcmag.com/archives/1-00-5.htm) and the February issue of *Consulting-Specifying Engineer* (read it at: www.buildingteam.com/applic/articles/c00b024.asp).

WinterGREEN Now Available Electronically

This issue of WinterGREEN, as well as all back issues, can be viewed on the SWA website at: www.swinter.com/company/WinterGREEN.html. To conserve resources, we'd prefer to e-mail WinterGREEN to you; moreover, that way you'll see it in vivid color. If you're still receiving this newsletter via fax, please contact us with your e-mail address.

Take A Survey!

SWA is conducting a national survey of architecture/engineering/construction professionals for an international publishing company to determine professional information needs. If you are a building industry professional, you're invited to take the survey on-line at: www.swinter.com/survey/index.html.

WinterGREEN is published bimonthly by Steven Winter Associates, Inc., 50 Washington Street, Norwalk, CT 06854. SWA is solely responsible for content and cost of publication. If you prefer to receive WinterGREEN by email, or for further information contact Michael J. Crosbie at SWA, phone 203-857-0200, fax 203-852-0741, e-mail: mcrosbie@swinter.com. Visit our web site at www.swinter.com