

January 2005

**NCC & COMPOSITES ONE  
MAKE JOINT ANNOUNCEMENT  
– SPECIAL PRESS  
CONFERENCE MARKS  
ANOTHER MILESTONE**

NCC and Composites One held a special press conference in the Center's atrium on Tuesday, February 1 to announce a joint agreement. The agreement names Composites One as sole distributor of NCC's **Rapid Fiber Preforming** technology for North America.



*Leon Garoufalis, President and COO of Composites One addresses area business leaders and other guests at the press conference.*

NCC will supply the preforms and provide application development for Composites One customers along with technical support to the distributor's service and sales representatives.

The event drew a variety of area business leaders. The announcement was made by Steve Lake, Governor Taft's Regional Economic Development Representative.

Other key speakers included Lou Luedtke, President and CEO of NCC; Leon Garoufalis, President and COO of Composites One and JP Nauseef, President and CEO of the Dayton Development Coalition.

For NCC, the ability to attract a partner like Composites One helped define the progress the Center has made since its first performing project producing a pickup truck box. In 2002 NCC received a robotic fiber placement machine from Boeing Phantom Works. The donated equipment was valued at \$4 million and became the centerpiece for NCC's large scale preforming plans.

In 2003, NCC was awarded a \$2 million State of Ohio, Third Frontier Wright Capital Project Award to purchase a large scale preformer system and resin molding equipment. With LSP the Center was able to fully develop the potential of its breakthrough **Rapid Fiber Preforming** process to produce cost effective, complex, very large composite products. This event on February 1 marked a significant step in the successful commercialization of this grant.

Composites One is the leading distributor of fiberglass and advanced composite materials in

North America. With locations in Ashtabula and Dayton, Composites One holds an important position in the Ohio business community employing 21 people and generating \$47 million in sales of composite materials in 2004. In addition, Composites One has built a network of 32 additional distribution centers nationwide and serves more than 8,000 customers annually with its one-stop-shop solutions.

You'll want to read more about NCC's activities for 2005 in an upcoming Sunday Business edition of the Dayton Daily News.

**NCC COMPLETES YEAR OF INVESTMENT**

NCC has been pushing the development envelope for the past two years with significant investments in our people, our systems and new technologies. Despite the strides made in such areas as our design/optimization capability and Long Fiber Reinforced Thermoplastics (LFT), a lean economy coupled with slow starts on new contracts and termination of a large program in fourth quarter created some challenges for the Center.

This combination of events resulted in an operating loss of about \$600,000 in 2004 compared to an operating reserve of \$258,000 in 2003 for NCC.

Moving into the New Year, NCC has added approximately \$1,600,000 in new capital assets, signed two new agreements and been awarded a new bridge project for the Washington DC Department of Transportation (DOT). These achievements in combination with the strategy implemented in 2004 will allow NCC to return to a positive cash flow in 2005.

### **NCC MEMBER DAY 2005**

NCC is already making plans to launch its fifth annual Member Day. Last year for the first time, NCC introduced a special "pre-events" day. The event was well attended showcasing NCC technical presentations, a facility tour and reception.



*Richard Morrison of MFG gives keynote speech at Member Day 2004.*

Member Day 2005 is scheduled for April 25-26 and will be expanded over the two days to include more NCC technical presentations and Member company research projects. Member Day is a day to network. It's also a day to participate in an atmosphere of mutual learning. It's also a day to showcase the technology, advances and success stories that each of you bring to the table.

Start planning now to engage your company in this special event by exhibiting, sharing your expertise or presenting a paper. For more information you can email Dave Richard at [drichard@compositecenter.org](mailto:drichard@compositecenter.org)

### **SPE TO HOLD THERMOPLASTICS WORKSHOP AT NCC**

The Composites Division of the Society of Plastics Engineers (SPE) will hold a two-day workshop on Thermoplastic Composite processing and materials at NCC April 28 – 29.

The workshop will cover a number of topics ranging from the advantages of thermoplastic materials over traditional plastics and metals and injection molding of LFT pellets, pellet concentrates and/or direct roving/plastic pellets to form

parts to theoretical concepts pertaining to aspect ratio, orientation, micro-mechanical models, fiber orientation predicting models and the prediction of mechanical properties.

Demonstrations will compliment lectures. Attendees will enjoy theoretical teaching and hands-on participation. Registration fee for SPE members is \$500. Non-members may attend the conference by becoming SPE members and paying the additional membership fee of \$120 through the organization's website [www.4spe.org](http://www.4spe.org). Registration must be received by April 20. Registrations received after that date will be subject to a late fee of \$100. For more information contact Dr. Bob Brannon at [bbrannon@compositecenter.org](mailto:bbrannon@compositecenter.org); Dr. Dale Grove at [dale.a.grove@owenscorning.com](mailto:dale.a.grove@owenscorning.com); or Dr. Klaus Gleich at [gleichk@jm.com](mailto:gleichk@jm.com)

### **NCC'S LOU LUEDTKE KEYNOTE SPEAKER FOR INDUSTRIAL TECHNOLOGY CENTRE LUNCHEON**

Lou Luedtke will be the keynote speaker for a networking luncheon on February 17 from 8:30 a.m. to 1 p.m. The Industrial Technology Centre



and the Composites Innovation Centre at the University of Manitoba Smartpark are holding the luncheon.

Recognized as the national center of excellence for the development and commercialization of cost competitive composite materials and manufacturing processes, NCC is also the model for technology transfer for manufacturers.

Luedtke will talk about the technologies NCC has developed and commercialized and what the future holds for these materials.