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February 27, 2009

The Honorable Richard Lugar  
306 Hart Senate Office Building  
Washington, D.C. 20510

Dear Senator Lugar,

On behalf of the North American Die Casting Association (NADCA), I would like to formally request that you submit a funding request for the HyperCAST research program for Fiscal Year 2010. Thank you again for your role last year in signing onto a joint Senate letter in support of the formal funding request to the Energy & Water Appropriations Subcommittee. As you know, HyperCAST is a dynamic program aimed at rapidly advancing the national need to maximize energy efficiency in our domestic transportation system. It entails the development of materials and processes for cast light weight frame, body, chassis and powertrain components for fuel efficient and cost effective passenger cars and commercial and military trucks.

NADCA is collaborating with the U.S. Department of Energy, Vehicle Technologies Program, and premier research universities, including Purdue University, on developing HyperCAST technology.

If fully funded, this dynamic program will deliver a variety of public policy benefits to our nation including:

- Significant new energy savings in transportation technology, commercial, and military vehicles and trucks;
- New alloy and process development;
- New technology transferred broadly to small and medium casting shops across the U.S. – 80 percent of metalcasting companies have fewer than 100 employees;
- University-based research conducted at Purdue University, Worcester Polytechnic Institute, the Ohio State University, Case Western, and the Colorado School of Mines; and,
- Every federal dollar matched with contributions from our industry.

The important technological advancements made through the HyperCAST Program will enhance the U.S. metalcasting industry's ability to maintain a lead role in the world market and keep good paying jobs in the state of Indiana as well as the rest of the country. We appreciate your support of our critical industry, and look forward to our continued work with you and your staff to make strides in energy efficiency for Indiana and our nation through the HyperCAST program.

Sincerely,

A handwritten signature in black ink that reads "Daniel L. Twarog". The signature is written in a cursive, flowing style.

Daniel L. Twarog, President  
North American Die Casting Association