

This story appeared in the August 30, 2000 issue of the PPPL HOTLINE.

Atomization Research Collaboration Recognized



by Patti Wieser

In July, PPPL physicist Hideo Okuda and Arnold Kelly of Charged Injection Corporation received a Certificate of Appreciation from the Federal Laboratory Consortium for Technology Transfer (FLC) for advancing electrostatic spray technology.

Okuda and Kelly collaboratively developed a computer simulation code to model the behavior of electrostatically charged particles. Charged Injection Corporation, a small business in Monmouth Junction, New Jersey, is using the code to design better electrostatic spray nozzles for use in non-ozone depleting fire fighting systems, agricultural sprays, diesel engine fuel injectors, and the production of nanofibers. The relationship between PPPL and Charged Injection Corporation spans several years and is made possible through a Cooperative Research and Development Agreement.

At left are Okuda (left) and Kelly at Charged Injection Corporation. ●