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**SUPERPOWER AND OAK RIDGE NATIONAL LABORATORY EXECUTE
AGREEMENT TO JOINTLY DEVELOP 2ND GENERATION HTS TECHNOLOGY**

Schenectady, New York, October 10, 2002—SuperPower, Inc. and Oak Ridge National Laboratory (ORNL) executed a Cooperative Research and Development Agreement (CRADA) to develop 2nd generation High Temperature Superconductor (HTS) technologies.

SuperPower is aggressively scaling up 2nd generation HTS technology under its current CRADA with Los Alamos and Argonne National Laboratories. Meter-long 2nd generation HTS tapes with good performance are being produced in the pilot manufacturing facilities in Schenectady. Oak Ridge National Laboratory, managed by UT-Battelle for the Department of Energy (DOE), is a pioneer in developing 2nd generation HTS technologies and has made substantial progress in this field recently. “The CRADA with UT-Battelle will augment the current 2nd generation program at SuperPower, especially with the access to the world-class scientific talent and unique facilities at ORNL”, said Philip J. Pellegrino, president at SuperPower. “With the execution of this CRADA, SuperPower’s 2nd generation HTS program is now strongly supported by collaborations with all three major national laboratories that are spearheading the DOE HTS development projects.”

Superconductivity, and its role in modernizing the U.S. electrical system, has received emphasis in the President’s National Energy Policy report issued a year ago and the Secretary of Energy’s National Transmission Grid Study issued this year.

“This CRADA takes advantage of SuperPower’s unique capability to grow the superconductor on textured templates using two different reel-to-reel processes: pulsed laser deposition and metal-organic chemical vapor deposition,” said Bob Hawsey, ORNL’s superconductivity program manager. SuperPower has already shown these processes work with the Los Alamos-type template, achieving 90 amperes over 1-meter lengths. “ORNL will provide the Oak Ridge RABiTS textured template to our industry partner to demonstrate the feasibility of growing high current superconductor coatings on RABiTS using their proprietary techniques.”

Through this new partnership the two groups will work to help achieve the DOE vision of low-cost, high-performance YBCO coated conductor that would offer significant reductions in electrical losses and operating costs, as well as increased power transfer capacity.

SuperPower is a wholly-owned subsidiary of Intermagnetics General Corporation.

For more information-

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