



ARRA *at* SRR

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SRR
BREAKING
NEWS

DWPF pours 3,000th canister!
(For details, access www.srremediation.com)

Tiny Bubbles Key to Speedier Radioactive Waste Processing



Recovery Act increases production of DWPF waste canisters

In September, the Department of Energy's Savannah River Site (SRS) marked the beginning of a new waste canister production era at the facility by adding equipment to blow bubbles into the Defense Waste Processing Facility (DWPF) melter.

The new bubbler, purchased with American Recovery and Reinvestment Act (ARRA) funds, will substantially increase the production of vitrified waste at the nation's largest nuclear waste processing facility by helping to maintain a more uniform temperature throughout the molten glass and allow higher temperature operation that will produce the best glass form and

increase the flow and pour rate.

Terry Spears, DOE Assistant Manager for Waste Disposition Project at SRS, said he is very impressed with the bubbler technology and its potential for increasing DWPF canister production.

"It's very gratifying to see a plan turning into reality," said Spears. "I think it gives us significant promise that we will increase (canister) productivity."

The bubblers are expected to increase the annual canister production from nearly 215 to a projected 325. Additional enhancements in the melting process at DWPF are projected to further increase the annual canister production rate to 400.

Increasing the annual liquid waste processing rate at DWPF will enable SRR to close 22 liquid waste tanks in 8 years.

The new \$7 million project is funded by the American Recovery and Reinvestment Act (ARRA).



DOE-SR Administration recently reviewed DWPF Bubbler-Melter installation at the 717-F fabrication mockup facility. Pictured from left are: Tom Gutmann, Phillip Giles, Steve Mackmull, Terry Spears, DOE Assistant Manager for Waste Disposition Project at SRS; Mike Simmons, Jean Ridley, Steve Wilkerson, Jim Folk, Bill Pepper, David Bolyard and Dan Iverson. (Photo By Timothy Cox)

Safety at SRR

Safe ways to use portable heaters during colder months

The following data is courtesy of the SRR Safety and Health Program's "Pulse on Safety" Report.

As we approach colder weather, it's appropriate to review 8Q Safety Manual, Procedure 12 guidelines concerning portable electric heaters. New space heaters should be marked with the independent testing laboratory stamp and importantly, all space heaters should be installed by qualified technicians. Also, keep or maintain a 36-inch clearance between all heating equipment and anything flammable. Space heaters should be shut off every time you leave the room or go to bed. Never use your personal oven to heat your home. Annually, a professional technician should inspect wood and coal stoves, fireplaces, chimneys, connectors and all other solid fueled heating equipment. In a power outage, avoid using candles. Use flashlights instead. In the home, test smoke alarms monthly and install a carbon monoxide alarm in a central location outside of each sleeping area.

For more information contact Joan McKinney at joan.mckinney@srs.gov. or call 8-1156.

The ARRA Team:

The SRR ARRA workforce:
368 FTEs as of Oct. 3, 2010.

For more information, contact the
SRR-ARRA Public Affairs Department:

John Lindsay at 208-6253,

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log on to www.srremediation.com.

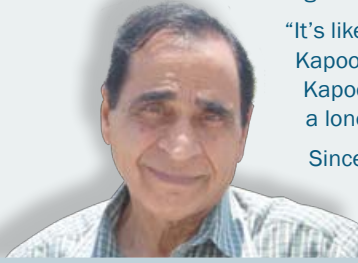
ARRA in ACTION

Mechanical Piping engineer living 'dream-come-true' in America

By Timothy Cox

When he was just a tyke in his native Northern India, Virinder "Victor" Kapoor often dreamt of visiting the Golden Gate Bridge in San Francisco, Calif.

"We studied about the excitement of American culture," said Kapoor, a piping and design engineer with Savannah River Remediation (SRR) LLC, through a contract with Global Pundits, a staff



augmentation firm in Lexington, S.C.

Backed with a successful 30-year mechanical engineering career that has helped him span the globe, Kapoor, now proudly takes trips to San Francisco to visit his middle daughter, Pam Kapoor, an insurance underwriter whose corporate offices are located near the Golden Gate Bridge.

"It's like a dream come true - I've come full-circle," said Victor Kapoor, who, along with his wife of 33 years, Pushpak "Peggy" Kapoor, are equally proud of their other two adult children and a lone grandchild.

Since moving to Aiken in May, Victor Kapoor visits his wife in Houston, Texas as often as possible, he says.

Victor Kapoor is appreciative of his current SRR assignment - considering that many of his recent jobs have been short-term contracts void of stability.

"I'm so glad about the Recovery Act. My wife, my children - we are all happy that the Stimulus (Act) is helping so many workers," said Victor Kapoor who has worked assignments at job sites in Alaska, Canada, England, the Middle East, Wyoming, San Francisco and his most recent position with Exxon-Mobile in Grand Junction, Colorado.

With SRR, Kapoor utilizes his design, construction and engineering skills to perform pump sizing calculations, evaluate pressure losses in piping systems, provide construction support and thermal stress analyses supporting designs at Saltstone and Z Area Vaults 3 and 5. He has already completed designs to upgrade piping for Vaults 2 and 4.

"It all relates with SRR's mission to safely close 22 high-level waste tanks in eight years," he said.

"My job has taken me worldwide, but I must say I really enjoy Aiken, S.C.," says Victor Kapoor.

"Nothing's perfect, but the United States is the best nation. Opportunities are here. All my children were born here and they thank me for moving here," said Victor Kapoor, who often speaks publicly about challenges he faced as a young immigrant.

He credits membership in Toastmasters International, Inc. for helping him develop English comprehension skills.

Meanwhile, he holds two mechanical engineering degrees and a Master's degree in the same major from the University of California, Long Beach.

"I absolutely love America," said Victor Kapoor.

To reach these two critical achievements, many of you spent more than a year in writing procedures, developing, delivering, training, conducting audits, holding project reviews, and demonstrating to outside experts how we deliver the SRR project results with safe, outstanding performance.

I appreciate the quantity and quality of work that went into these products.

You should be proud of the acknowledgement by others that we are working safely with great skill and focus.

Jim French - SRR President and Project Manager



In the loop:

Messages from Jim French:

SRR Begins Second Year of Recovery Act Work

SRR is beginning its second year of work under the American Recovery and Reinvestment Act (ARRA). This has truly been a year of challenge, reward and accomplishment.

From the very beginnings of the project, when it became apparent that SRR would have a role in the Recovery Act at SRS, we took on a great challenge. Now, we can look back at the planning, preparation and execution that made our outstanding first-year performance a reality.

The challenge ahead? We are at the half-way mark. We have clearly demonstrated we are a go-to group, and I know that kind of attitude will continue. Let us ensure that this time next year, we can again look back with pride, knowing we did "the right thing" for our co-workers, for SRS, our community and the country.

SRR Reaches EVMS, CPB Certification Milestones

Savannah River Remediation has received a letter from the DOE Office of Engineering and Construction Management (OECM) certifying our Earned Value Management System (EVMS). That milestone, coupled with the recent approval by DOE of our Contract Performance Baseline (CPB), brings us smartly to the finish line in two significant business system achievements required by DOE.

These two areas are more than "paperwork" exercises. We have to demonstrate our company's ability to work safely and provide appropriate management leadership, employee involvement, adherence to policies and procedures, and proper execution of our contract. Performing at the highest level in all these elements makes us the world-class company that our customer expects.