

Secretary's Achievement Award: *The Office of Environmental Management's K-33 Gaseous Diffusion Process Building Project.*

Using state-of-the-art technology and an impressive project team, the demolition of the K-33 building was completed 5 months early and nearly \$8 million under budget. Constructed in 1954 to conduct uranium enrichment operations, this two-story facility had a footprint of over 32 acres and was one of the largest buildings in the world. The project team efficiently completed the safe removal of over 640,000 square feet of asbestos siding and disposal of nearly 164,000 tons of debris in a safe manner while incurring zero environmental or disposal violations or rejections. K-33 was a firm fixed price, small business award prime contract. The project team employed numerous innovative technologies and methods, to include a powered scaffolding system, catch basin hexavalent chromium treatment systems, and use of the largest demolition equipment ever employed at the Oak Ridge Complex. The project team is to be commended for a job well done!

Secretary's Achievement Award: *The Office of Science's Daya Bay Reactor Neutrino Detector Project.*

The Daya Bay project team successfully delivered an antineutrino detection system to better understand the behaviors of neutrinos. The project, located at a nuclear reactor complex in Daya Bay, China, overcame management challenges associated with working in a multicultural collaboration at a foreign location to successfully deliver the U.S. contributions. The \$35.5 million project provided approximately half of the experimental equipment needed by the international collaboration. After only two months of initial operation, the experiment was able to publish the first precision measurement of the neutrino mixing parameter. The project's discovery was selected by Science Magazine as a "Top 10 Breakthrough of 2012". This achievement would not have been possible without the keen insight, dedication, and professionalism of the United States Daya Bay project team.

Secretary's Achievement Award: *The Office of Environmental Management's Idaho Nuclear Facility Decontamination & Decommissioning Project.*

Employing an aggressive performance-based contracting approach, the project team for the Idaho Nuclear Facility Decontamination and Decommissioning Project impressively completed field work nearly one year earlier than expected at considerable cost savings. The project scope included the removal of 171 surplus facilities, including various reactors, spent fuel reprocessing facilities, and other nuclear process buildings and structures. Throughout the project, safety was paramount, as evidenced by the project's exceptional safety and environmental compliance record. Furthermore, the project team performed superbly in coordinating and establishing strong relationships with the Idaho regulators and local Citizens Advisory Board. These relationships helped facilitate the approval of such key project initiatives as the shift to an onsite disposal method for demolished reactor materials. The project team is to be commended for a job well done!

For the Federal Project Director who exemplified superior project management methods, skills, and techniques; achieved outstanding results through resourceful, innovative thinking and implementation and demonstrated outstanding leadership the Department is proud to recognize the:

Federal Project Director of the Year for 2012: *The Office of Science's Mr. Hannibal Joma.*

For demonstrating exceptional leadership and project management acumen as Federal Project Director (FPD) for the \$60 million Linac Coherent Light Source Ultrafast Science Instruments (LUSI) Project at the SLAC National Accelerator Laboratory. The LUSI Project provides three state-of-the-art ultrafast hard X-ray instruments and experimental end-stations. As LUSI's FPD since 2007, Hannibal led the integrated project team in proactively removing barriers, resolving unanticipated problems, and executing innovative solutions resulting in successful project delivery – every instrument exceeded its threshold key performance parameters. Working closely with the LUSI user community, overcoming project funding issues, and executing a phased commissioning plan enabled the start of early science. Hannibal and his team's exceptional performance resulted in the delivery of the LUSI Project ahead of schedule and under budget.