

Information exchange targets UPF

Both Y-12 and the Atomic Weapons Establishment in the United Kingdom are benefiting from an agreement to exchange information. The two facilities are at about the same stage of design for proposed uranium processing facilities and have similar missions in their respective countries.

Engineers and managers are hoping that sharing information will help strengthen facility design, make the best use of funding and avoid pitfalls.

The collaboration began when Pam Horning, former lead for Y-12's Uranium Processing Facility; Richard Tinsley of AWE; and National Nuclear Security Administration personnel formed a team from the U.K. and the U.S. to jointly review Y-12's UPF and AWE's Enriched Uranium Project.

The team visited each site, received project briefings and site tours, conducted walk-downs of existing processes and

facilities and interviewed selected subject matter experts. After evaluation and deliberation, the team provided an outbrief to management at each company and issued a summary report. Generally, the review validated the approach taken by each site, concluded that each project team was off to a good start and identified some project-specific areas to be closely watched to prevent future concerns.

The team's conclusions were also presented at NNSA headquarters, and the collaboration was deemed a success.

Steve Lambson, team lead for the U.S. contingent, said, "Obviously, the uranium processing information exchange has helped Y-12 and AWE. The review team has also recommended continued collaboration on a go-forward basis."

The project teams are encouraged to share common design elements, analytical approaches to developing safety bases, design and regulatory standards and

UPF strengths noted in AWE review

- Obvious and substantial benefits
- Well-integrated team
- Aggressive pursuit of funding
- Early stakeholder engagement
- Staff with passion, enthusiasm, experience
- Well-documented program-level requirements
- Well-structured technology development
- Mature, independent project review process

other information that may be mutually beneficial.

Concluding, Lambson said, "On the whole, it is a valuable and beneficial task, and I am very pleased to be a part of it. I think everyone—from both sides of the Atlantic—feels the same way."

Angelo receives ANS best paper award

The American Nuclear Society—Nuclear Criticality Safety Division recognized Engineering's Peter Angelo with the 2005 best paper award for his paper presentation titled *Personal Annunciation Device (PAD), a Wireless Technology for CAAS Compensatory Annunciation*.

The presentation describes PAD™—a miniature, non-nuclear-based, radio frequency receiver that when activated has concurrent alarms. PAD is being developed at Y-12 in cooperation with Oak Ridge National Laboratory and Kansas City Plant.

The award recognizes the first integration of wireless to nuclear accident annunciation in the nuclear industry and dovetails with emerging wireless Criticality Accident Alarm System efforts. The ANS recognition comes on the heels of the 2005 Government Use Award, also awarded to the PAD project team.

The PAD team is improving the prototype for eventual plant use by shrinking the size of the device for the next generation.

PAD is a trademark of BWXT Y-12, L.L.C.

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Y-12 Employees' Society

Say YES to YES

Let's play ball

Spring fever is about to hit, and YES Sports Director Pete McKenzie (p5m; 574-3624) is accepting registrations for teams to participate in the YES Softball



League. The season begins in May with games on Mondays, Tuesdays and Thursdays. The league is co-ed using a 7/3 gender format and follows American Softball Association rules.

Team entry deadline is April 14. A roster and a check for the \$300 registration fee must be received by this date.

Have you checked out the Y-12 Employees' Society Web site lately? If not, visit <http://www.y12.doe.gov/community/yes/> and check out the latest news. You should have also received your new YES membership card. If not, contact Membership Director Pat Mountain (pj7; 574-8392).

UPF selected contract 2013

UPF will replace 9212

brochure

www.y12.doe.gov (2008)