

University of Pittsburgh RFID Center of Excellence



Tuesday September 1, 2009

Time: 6:30PM

University of Pittsburgh

Room 360 Benedum Hall

Applying RFID Technology to Nuclear Material Management

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Nuclear Engineer



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We developed a nuclear material management system, ARG-US, based on RFID technology. The system consists of tags, readers, application software, database and web pages. Technologies, such as GPS, GIS, cellular and satellite communications are also integrated into the system. The system offers enhanced safety and security, reduced need for manned surveillance, efficient inventory control, and overall cost-effectiveness. In this presentation, we will address the challenges in nuclear material management, the design and development of our RFID system, and the immediate applications. This work was conducted by Argonne National Laboratory supporting the US Department of Energy Packaging Certification Program.

Questions and Discussion: 7:00PM

RFID Center Members will meet at 5:00PM in Room 330 Benedum Hall

For Additional Center Information: Call 412 / 624 - 9682

or email: rfid@pitt.edu