University of Arizona Research and Test Reactor Decommissioning
IAEA R2D2 Project Meeting
December 2012
Buffalo, New York

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Reactor Decommissioning Branch
Division of Waste Management and Environmental Protection
1958 Initial Fuel Received
University of Arizona
Reactor in Operation
Pool Reactor
Pool with Instrumentation
Fuel Removal
Cooling Coils Removed and Dried Over Pool
Cooling Coils Cut with Sawzall
Reactor Core Hoisted and Dried
Reactor Core Packaged
Pool and Removal of Reactor Bottom
Concrete Tank and Core Samples
Dust Cover Over Reactor Tank
Gunate Removal - 2X as thick
Gunite Removal
Gunite Packaged
Steel Tank – No Rust
Steel Liner Cut Into Sections
Pipe to Accelerator?
Surprised – Bricks Behind Liner
Confirmatory Surveys
Confirmatory Surveys
Concrete Finishing
Project Management Schedule

- Project Planning: March-May 2010
- Dismantling Reactor: May-June 2010
- Liner, Concrete, Gunite: July-Sept 2010
- Surveys & Radwaste: July-Sept 2010
- Final Status Surveys Reports: Sept-Dec 2010
- Request License Termination Dec. 2010
NRC Actions

- Management Meeting – March 2010
- Initial Inspection - May 2010
- Confirmatory Surveys – September 2010
- Final Status Survey Report Reviews – January 2011
- License Termination – February 28, 2011