

University of Arizona Research and Test Reactor Decommissioning

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Project 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
- Inspections - May – September 2010
- Confirmatory Surveys – September 2010
- Final Status Survey Report Reviews – January 2011
- License Termination – February 28, 2011

Concerns

- Radwaste management
 - Facility located near center of campus, ~ 100 yards from Student Union building
 - Building still in use with lots of student traffic
 - Licensee planned shipments for weekends and when school was out

1958 Initial Fuel Received



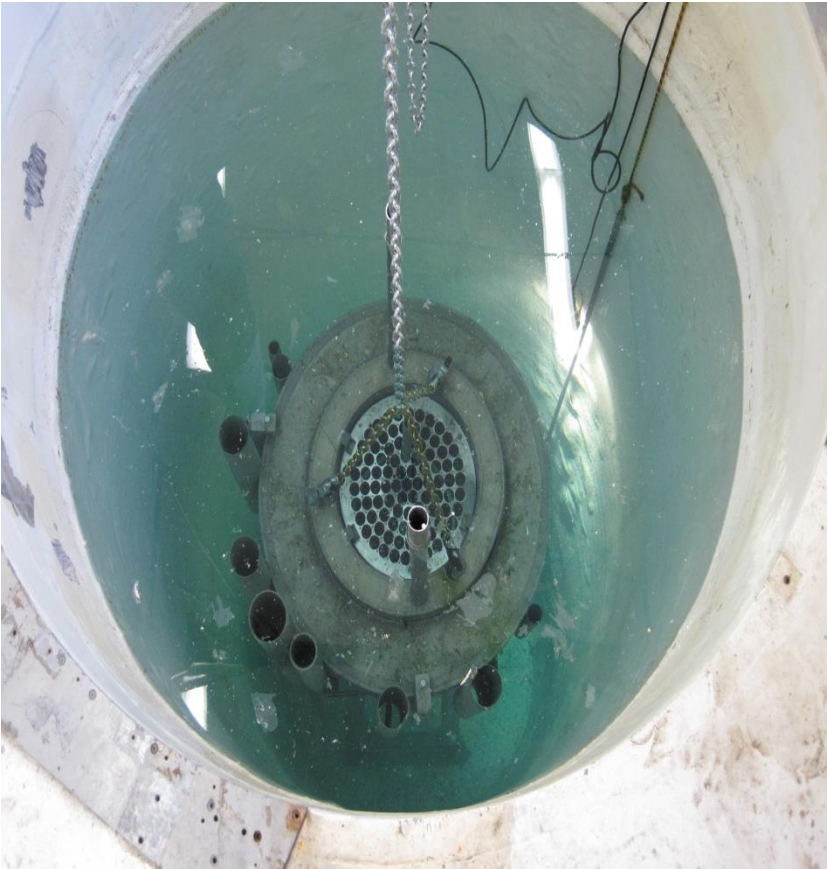
Pool Reactor



Fuel Removal



Reactor Core Hoisted and Dried



Reactor Core Packaged and Shipped



Removal of Reactor Bottom



Concrete Tank and Core Samples



Dust Cover Over Reactor Tank



Surprise Gunitite 2X as thick



Guniting Removal



Steel Liner Cut Into Sections



Surprise Pipe to Accelerator ?



Surprise Bricks Behind Liner



Confirmatory Surveys



Confirmatory Surveys



Concrete Finishing

