

# 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

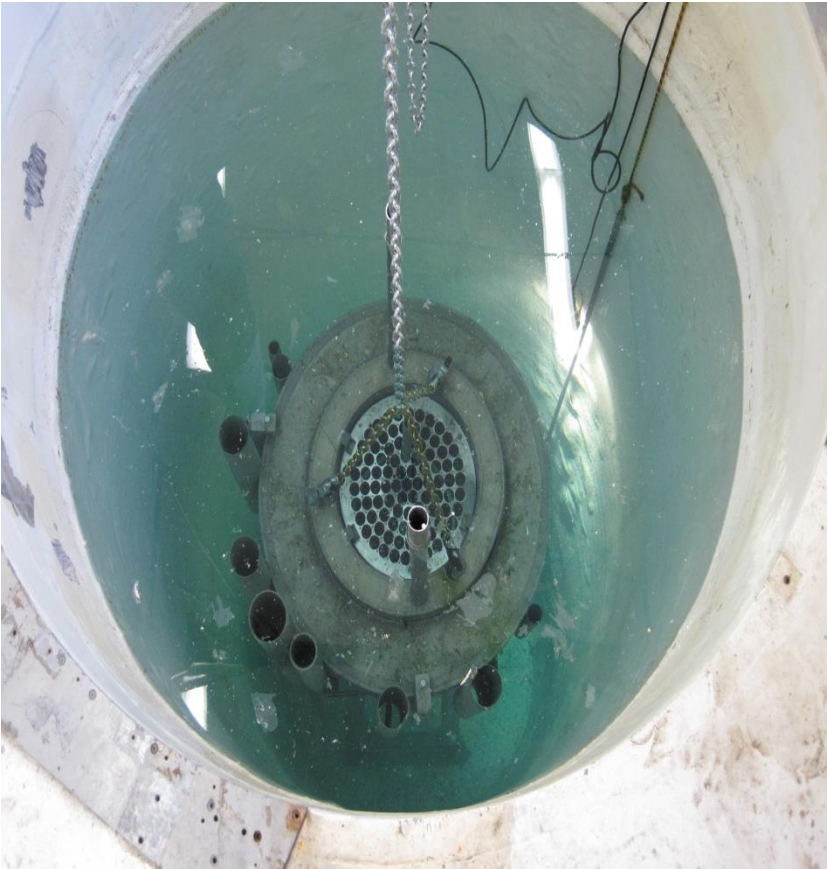




# Fuel Removal



# 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





# Gunite Removal



# Steel Liner Cut Into Sections





# Surprise Pipe to Accelerator ?



# Surprise Bricks Behind Liner





# Confirmatory Surveys





# Confirmatory Surveys



# Concrete Finishing

