

# NuScale Power: Plans and status of NRC interactions

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# Plans and status

- Technology started under DOE-NERI program.
- Test facility in operation since 2003
- Notified NRC of intent to license in February, 2008
- Four pre-application meetings 2008-2009
- 15 LTRs planned 2010-2011
- DCD submittal Q1 2012

# Market readiness

- Complete commitment to commercialization
- Advisory board formed 2008 - five major nuclear utilities
- Energy Northwest MOU 01/2009
- Additional discussions underway
- Interest in SMRs continues to grow – utilities, regulators, policy and opinion leaders

# Regulatory process critical

- Committed to high quality DCD
  - Integral test facility – tests and code / system validation
  - Mature design – NSSS and BOP
  - Early completion of independent safety reviews (PRA / PIRT)
  - Multi-module control room simulator

# Key issues to consider

- Safety Review – thorough, complete, timely
- Early identification and resolution of any design specific issues that affect timeline
  - See NuScale response to RIS 2010-03
- Generic Issues – SMR designers, industry work with NRC to resolve outside of Design Certification