

**U.S.NRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*

# **NRC's ROLE PERTAINING TO TEST REACTORS CONSTRUCTION PERMIT APPLICATIONS**

October 27, 2021,  
Public Meeting with the  
University of Illinois at  
Urbana-Champaign

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# Nuclear Regulatory Commission

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## U.S. Nuclear Regulatory Commission

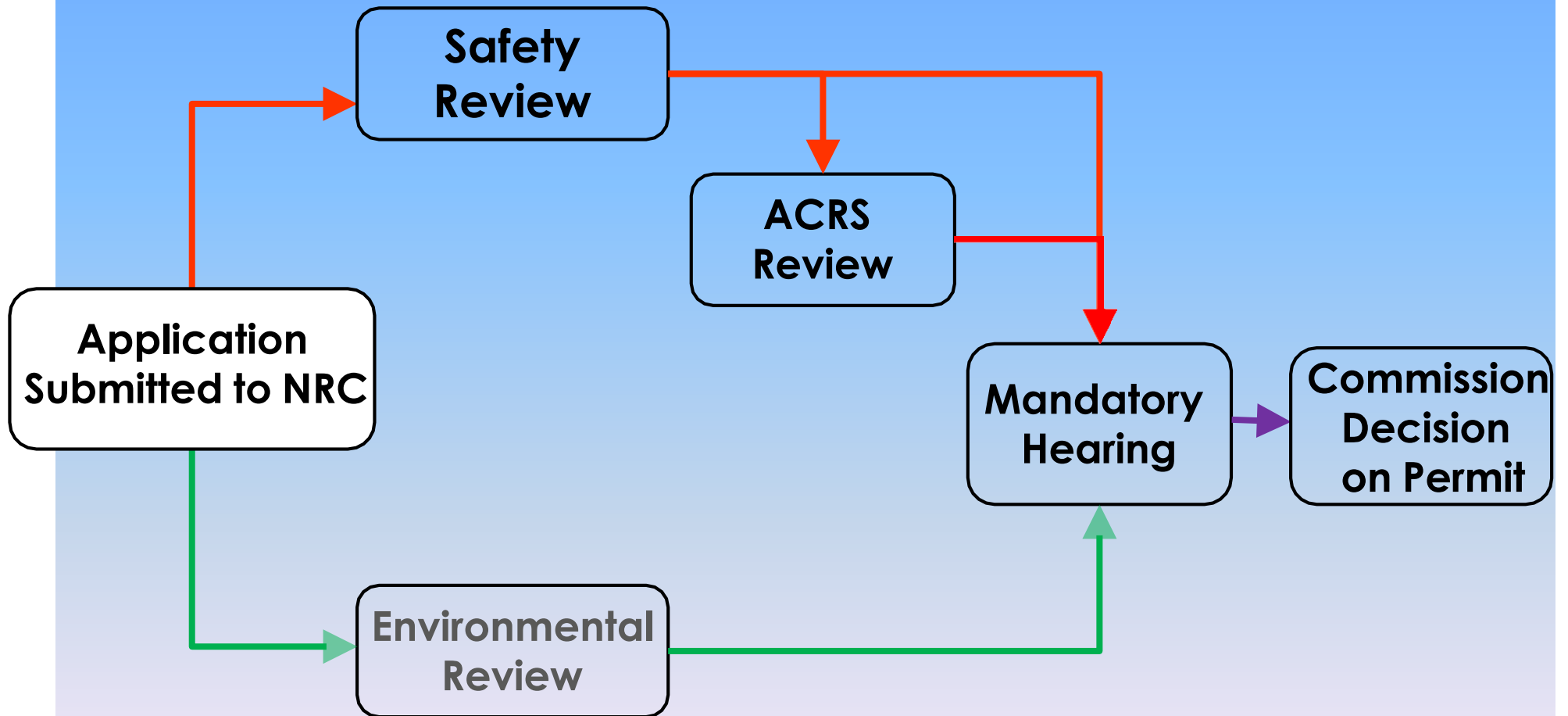
- Independent Federal Agency
- Regulates Nation's civilian use of radioactive materials, consistent with environmental and other statutes, to:
  - Provide reasonable assurance of adequate protection of public health and safety
  - Promote common defense and security

# 10 CFR Part 50

## Two-Step Licensing Process

- Construction Permit
  - Preliminary design information and suitability of the site
  - If approved, it allows an applicant to build a nuclear power plant
- Operating License
  - Final Design information and plans for operation
  - If approved, it authorizes operation of a nuclear power plant

# CONSTRUCTION PERMIT PROCESS



# Environmental Review Process

