Purpose of this meeting

- Discuss the potential combined license application for two new nuclear plants at the Comanche Peak Nuclear Power Plant
- Explain what the NRC does during the review of a combined license application
- Describe how you can participate in the NRC review process
Nuclear Regulatory Commission

- Mission: Protect the public health and safety, promote the common defense and security, and protect the environment
- Independent Agency
- Over 30 years experience regulating operating reactors and other civilian uses of nuclear materials

Combined License Application Review Process

- Safety Review
- Public Outreach Meeting
- Combined License Application
- Environmental Review
- Scoping Activities
- Documents Available to Public
- Hearing Notice
- Draft EIS
- Comments on Draft
- Final EIS
- Hearing
- Commission Decision on Application
- ACRS Meeting
- ACRS Report
Combined License Application Review and Construction Inspection

- Stephen Monarque, Project Manager
  - Overall Combined License Application Review
- Michael Willingham, Project Manager
  - Environmental Review
- Michael Webb, Reactor Operations Engineer
  - Construction Inspection

Safety Review

- Ensure facility will be constructed and operated safely by reviewing:
  - Design of facility
  - Quality Assurance
  - Security Plan
  - Emergency Preparedness (with the Federal Emergency Management Agency)
  - Operator Training
  - Applicant's process to verify that the nuclear plants will be built as designed and operated in accordance with NRC regulations
- Clearly document our safety findings
- Maintain an open and transparent process
Comanche Peak
Combined License Application

- Comanche Peak Combined License Application will reference the Mitsubishi Heavy Industries design - the U.S. Advanced Pressurized Water Reactor (US-APWR)
- NRC staff is currently reviewing the US-APWR
- NRC will not issue Combined License before the US-APWR design is certified

Opportunities for Public Participation

- NRC processes and how to participate
- Information available to the public at www.nrc.gov
- Meetings between the NRC and the applicant
- Comment on environmental review
- Participate in Advisory Committee on Reactor Safeguards meetings
- Participate in the hearing process
The Hearing Process

- NRC issues a Notice of Hearing in the Federal Register, which offers an opportunity for the public to participate in the hearing as a party (called "intervention")
- Federal Register notice describes how to file petition using e-filing system (www.nrc.gov/site-help/e-submittals.html)
- A request (petition) to intervene must:
  - be filed within 60 days of the date of the Notice
  - must state petitioner's interest that may be affected - at least one acceptable dispute with the application
- Three judges (Atomic Safety and Licensing Board (ASLB)) decide whether to grant intervention and conduct hearing
- A person who did not seek to intervene or was not granted intervention may make a statement to the Board, although this statement is not evidence in the hearing
- Regulations governing intervention are in 10 C.F.R. 2.309

National Environmental Policy Act (NEPA)

- NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- An Environmental Impact Statement (EIS) is required for major Federal actions that may significantly affect the quality of the human environment
- Granting a combined license is considered a major Federal action
Combined License Application
Environmental Review Process

Information Gathering

Combined License Application

Staff's Site Audit

Public Comments

Tribal, State & Local Agencies

Federal Agencies

Social Services

EIS

Safety Review

Safety Evaluation Report

Combined License Application

Environmental Review

Scoping Activities

Draft EIS

Comments on Draft

Final EIS

Hearing

Commission Decision on Application

Public Documents

Public Participation
Environmental Review Areas

If the License is issued....

- The NRC will authorize the licensee to start construction of a nuclear power plant, to load fuel, and (eventually) to operate the completed plant, if specified conditions are met.

- NRC staff will inspect nuclear safety-related construction activities.

- NRC will verify that, prior to operation, the plant is built as designed.
ITAAC

- ITAAC: Inspections, Tests, Analyses, and Acceptance Criteria.
- ITAAC are the means by which the licensee demonstrates, and the NRC confirms, that the plant was built properly.
- Prior to plant operation all acceptance criteria must be met.
- Provides an opportunity for separate hearing based on whether acceptance criteria are met.
NRC CONTACTS

- Stephen Monarque, Combined License Project Manager
  - SRM2@NRC.GOV, 301-415-1544
- Larry Burkhart, Chief, US-APWR Projects Branch
  - L.B3@NRC.GOV, 301-415-1311
- Michael Willingham, Environmental Project Manager
  - MHW1@NRC.GOV, 301-415-3924
- William Burton, Chief, Environmental Projects Branch
  - WFB@NRC.GOV, 301-415-6332
- Michael Webb, Reactor Operations Engineer, Construction Inspection and Allegations Branch
  - MKW@NRC.GOV, 301-415-1347