U.S. Nuclear Regulatory Commission

Environmental Scoping Meeting for a Proposed Consolidated Interim Storage Facility for Spent Nuclear Fuel
Lea County, New Mexico

Gallup, NM – May 21, 2018
Albuquerque, NM – May 22, 2018

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

Public Meeting Objectives

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

- Describe NRC's Mission
- Describe NRC's Environmental Review Process
- Describe scoping process
- Describe how you can provide comments during the scoping period
- Receive Comments on Appropriate Scope and Content of the EIS

The NRC and Its Mission

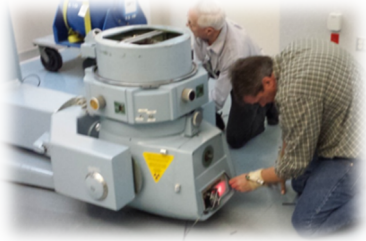
U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

<u>NRC Mission</u>:

To license and regulate the Nation's civilian use of radioactive materials to protect public health and safety, promote the common defense and security, and protect the environment.

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

NRC Regulates



The NRC's Role

- Determine whether it is safe to build and operate a Consolidated Interim Storage Facility (CISF) at the proposed site
- Evaluate the environmental impacts of building and operating a CISF at the proposed site

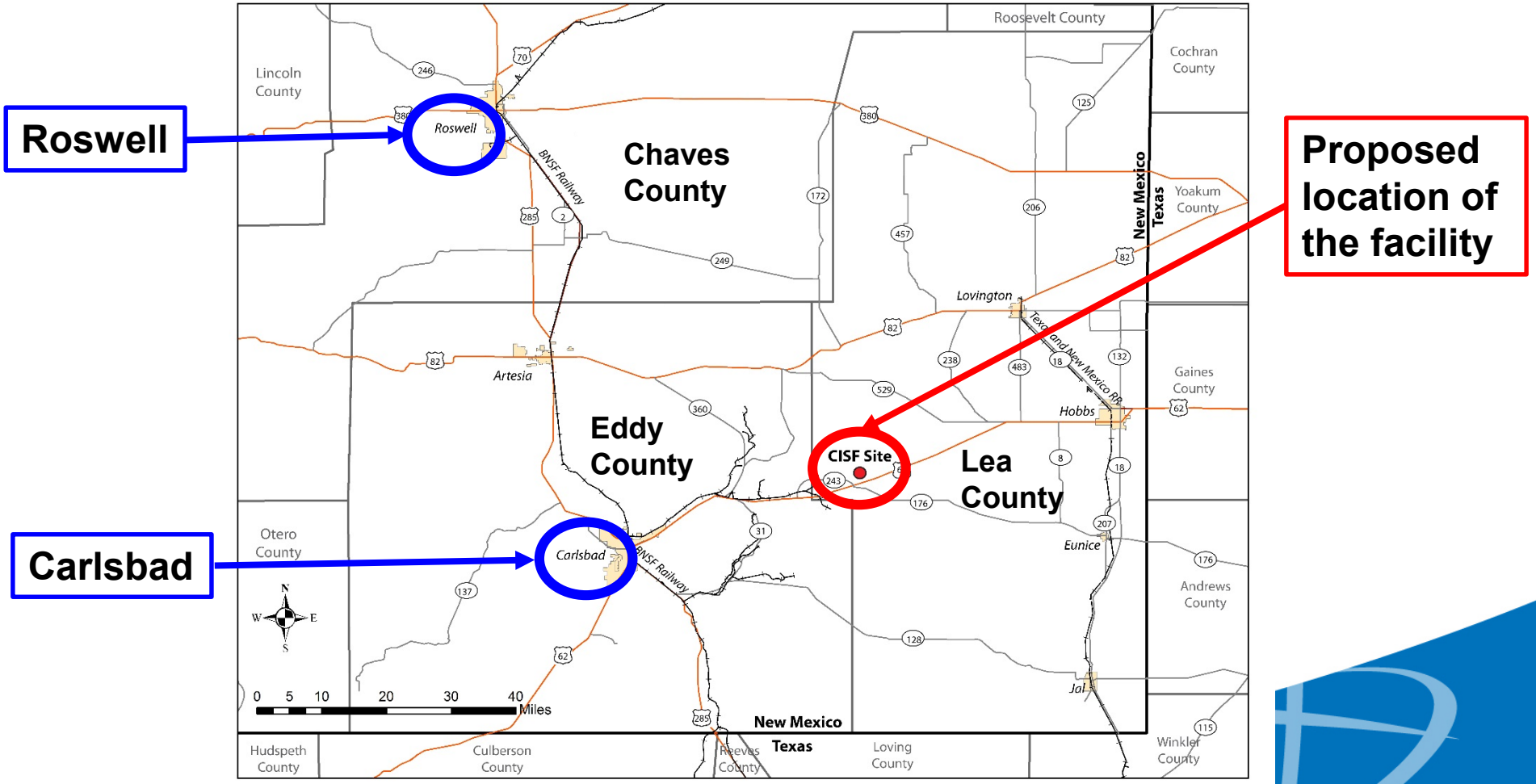
Holtec CISF Description

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

- 40 year license under 10 CFR Part 72 to store waste
- Phase 1: 500 canisters of spent nuclear fuel
- Holtec anticipates applying for up to 20 phases total of up to 10,000 canisters
  - Separate licensing action for additional Phases, safety and environmental review

Holtec's Proposed Consolidated Interim Storage Facility (CISF) for Spent Nuclear Fuel

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

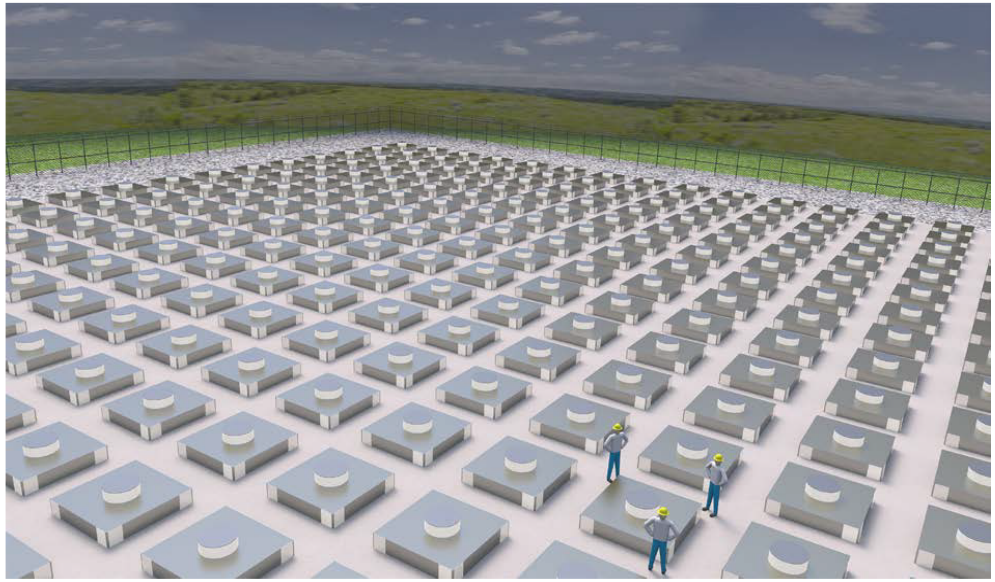


Source: SWRI

Holtec's Proposed Consolidated Interim Storage Facility (CISF) for Spent Nuclear Fuel

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

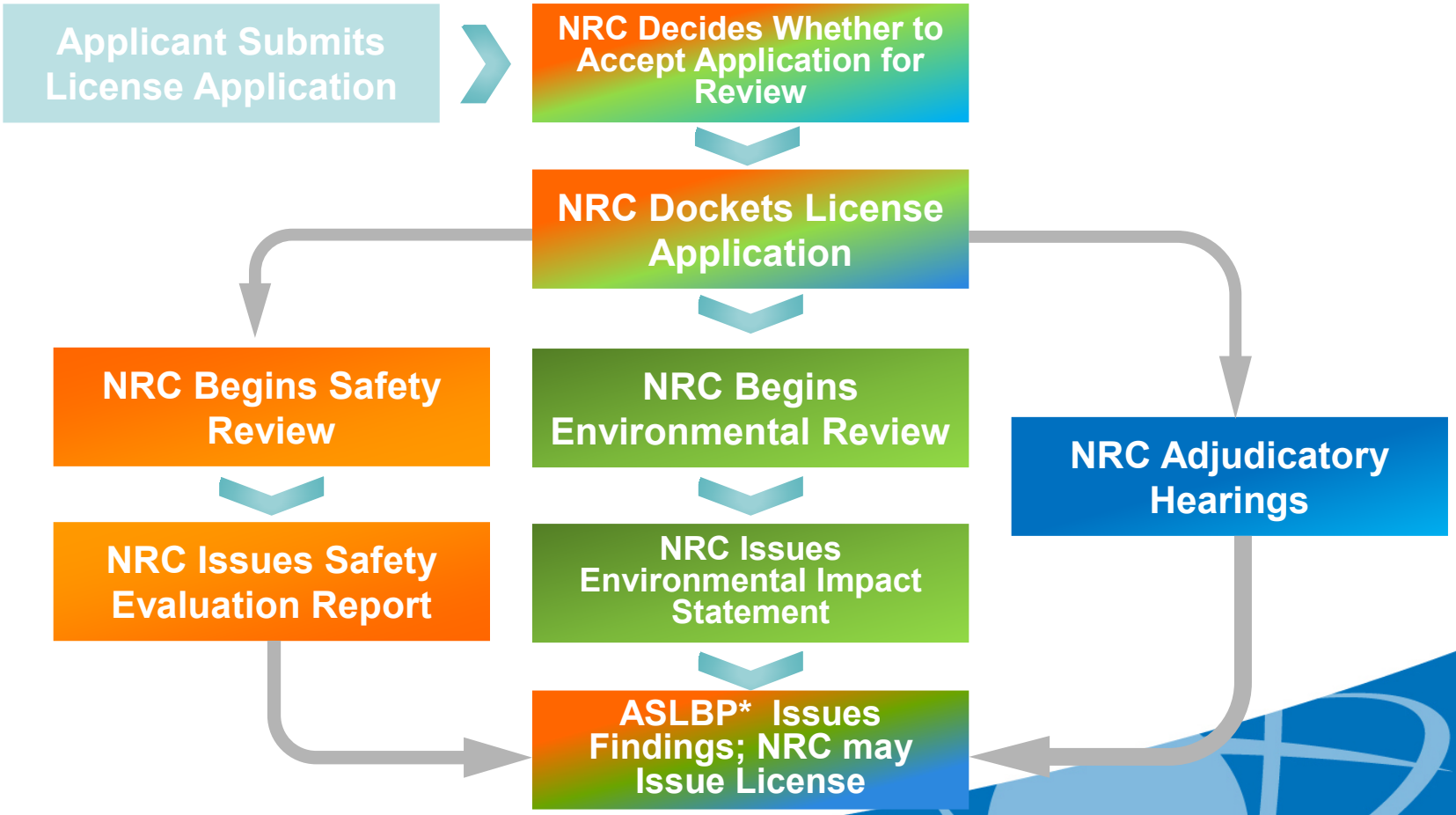
- HI-STORM UMAX system
- Dry, in-ground spent fuel storage system
- Each module contains 1 canister
- Canister transfer facilities below ground



Source: Safety Evaluation Report (Holtec, 2017)

NRC License Application Review Process

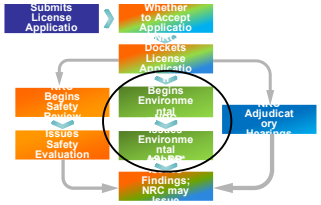
U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

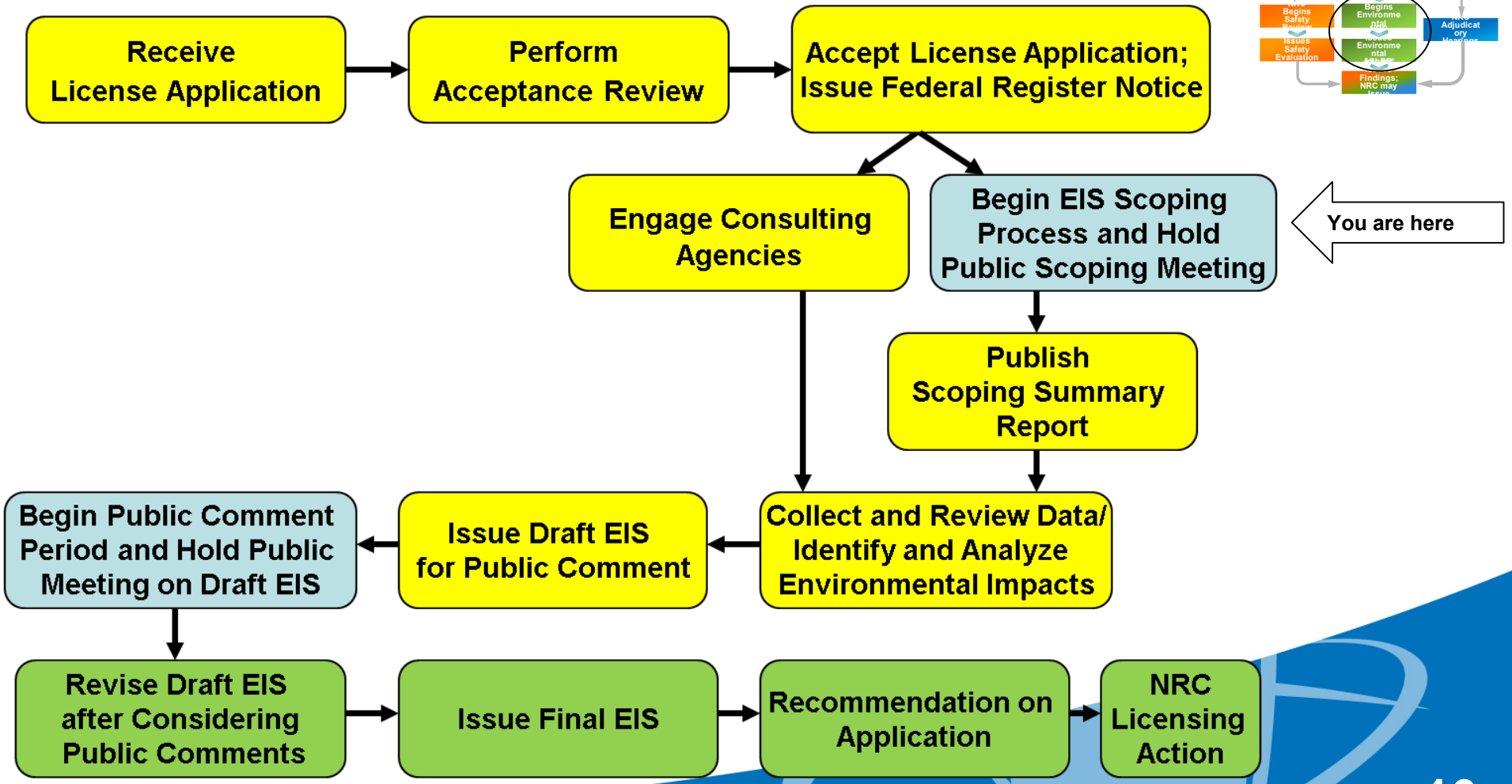


ASLBP*: Atomic Safety and Licensing Board Panel

NRC Environmental Review Process

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment



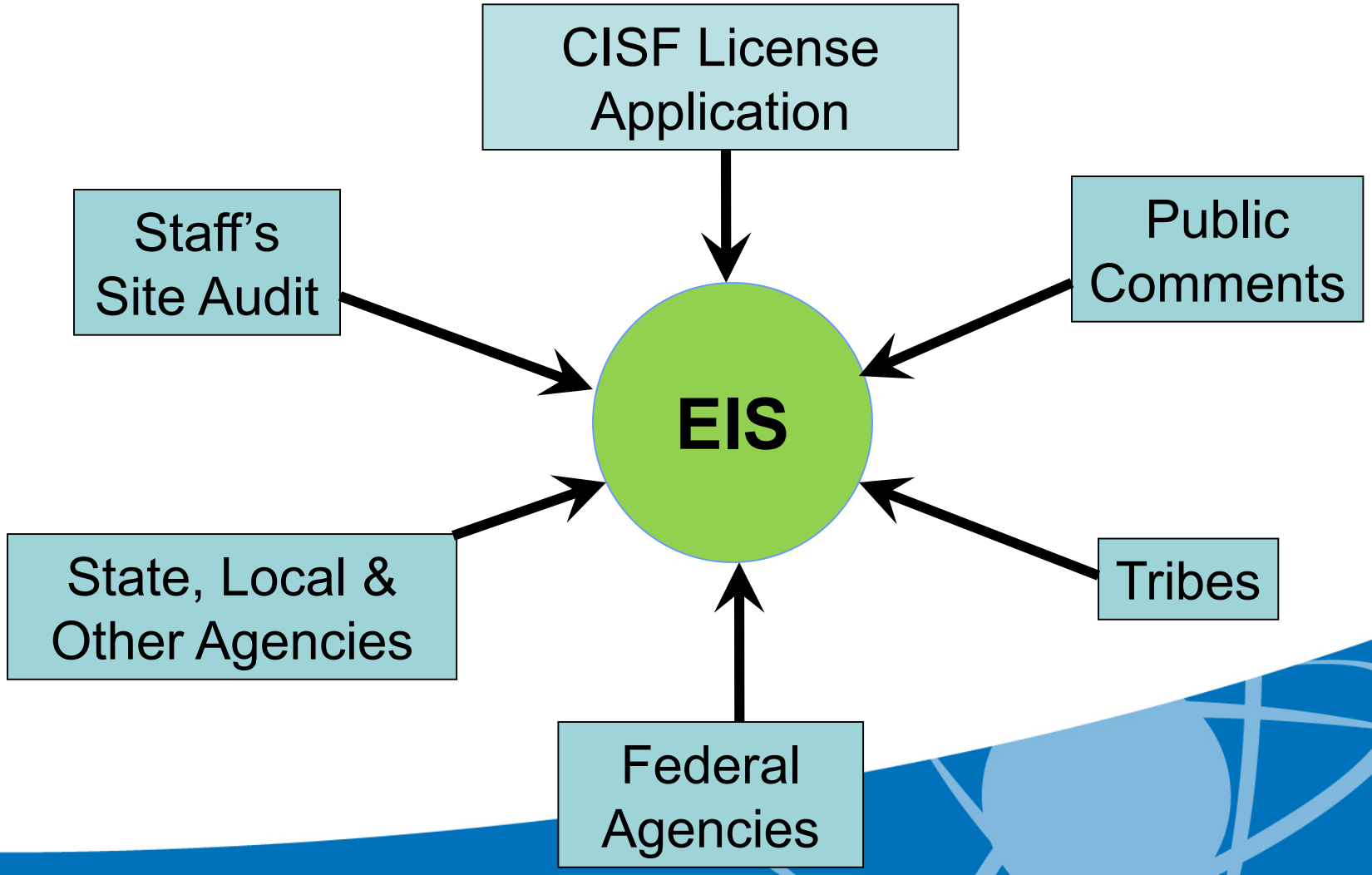


Environmental Review

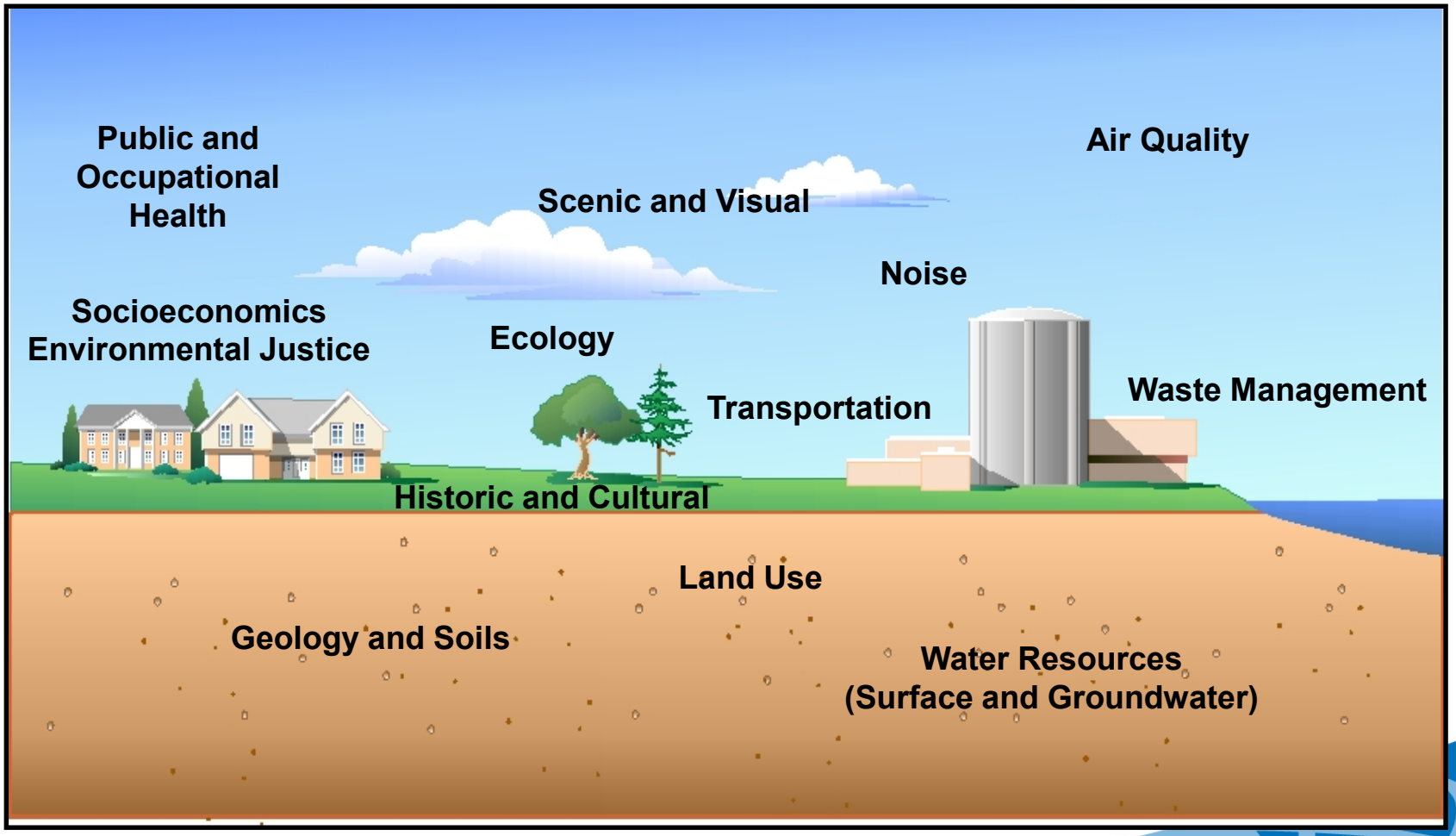
U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

- Evaluate environmental impacts of construction and operation of a proposed CISF per National Environmental Policy Act **(NEPA)**.
- NRC is preparing an Environmental Impact Statement (EIS)
  - NRC regulations in 10 CFR Part 51
  - Environmental Review Guidance (NUREG-1748), *Environmental Review Guidance for Licensing Actions Associated with NMSS Programs*
- EIS provides decision makers and the public with a detailed and thorough evaluation of significant environmental impacts
- Collect public comments on the scope of the environmental review that the NRC is conducting
- Your input to the NEPA process for the EIS is vital – your comments will be used in developing the appropriate scope and content of the EIS.

Information Gathering

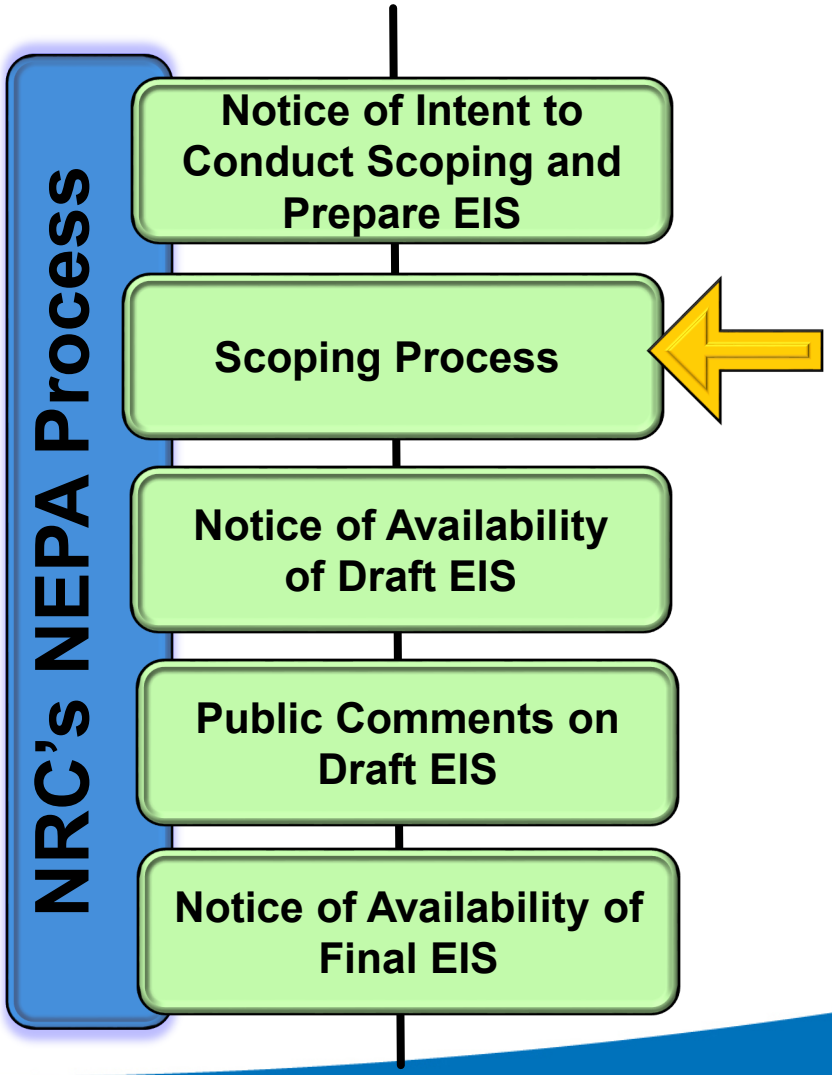


Resource Areas



Anticipated Environmental Review Schedule

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment



Published *Federal Register* notice March 30, 2018

Scoping period: March 30 to July 30, 2018

Expect to publish draft EIS in June 2019 (subject to change due to extension of scoping period)

There will be at least a 45-day comment period on the Draft EIS

Expect to publish Final EIS in mid to late 2020

Why is NRC requesting comments?

The scoping process is intended to:

- Determine the scope of the EIS
- Identify the significant issues pertinent to the environmental review
- Identify and eliminate issues that are not significant
- Identify other environmental reviews and consultation requirements related to the proposed action.

Scoping Comments

What kind of input are we looking for?

- Local issues
- Reasonable alternatives
- Site specific characteristics
- Local sources of information
- Historic properties that may be affected
- Issues or alternatives that might be eliminated

How to Provide Scoping Comments

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

- Present oral or written comments at this meeting.
- Federal Rulemaking Website:

  Go to http://www.regulations.gov and search for Docket ID **NRC-2018-0052.**
- Mail comments (showing Docket ID **NRC-2018-0052** in subject line) to:

  Ms. May Ma

  Office of Administration
  Mail Stop: TWFN–7–A60M
  U.S. Nuclear Regulatory Commission
  Washington, DC 20555–0001
- Email comments to: Holtec-CISFEIS@nrc.gov

Scoping comment period ends July 30, 2018.

For Additional Information:

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

- Federal Rulemaking Website: Go to http://www.regulations.gov and search for Docket ID **NRC-2018-0052**.
- NRC's Public Document Room (PDR): One White Flint North, 11555 Rockville Pike (1st floor), Rockville, MD 20852 (Tel: 800-397-4209; Fax: 301-415-3548; pdr.resource@nrc.gov)
- NRC's Agencywide Documents Access and Management System (ADAMS): http://www.nrc.gov/reading-rm/adams.html, using the Holtec CISF-specific NRC docket number 72-1051.
- NRC Public Web Site for Holtec's application: https://www.nrc.gov/waste/spent-fuel-storage/cis/holtec-international.html
- NRC Contacts:
  - Environmental Review Project Manager: Jill Caverly – 301-415-7674; Jill.Caverly@nrc.gov
  - Licensing and Safety Review Project Manager: Jose Cuadrado– 301-415-0606; Jose.Cuadrado-Caraballo@nrc.gov