

# U.S. Nuclear Regulatory Commission

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

Rockville, MD – April 25, 2018

Roswell, NM - April 30, 2018

Hobbs, NM – May 1, 2018

Carlsbad, NM – May 3, 2018

# Public Meeting Objectives

- 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



## NRC Mission:

***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.***



# NRC Regulates



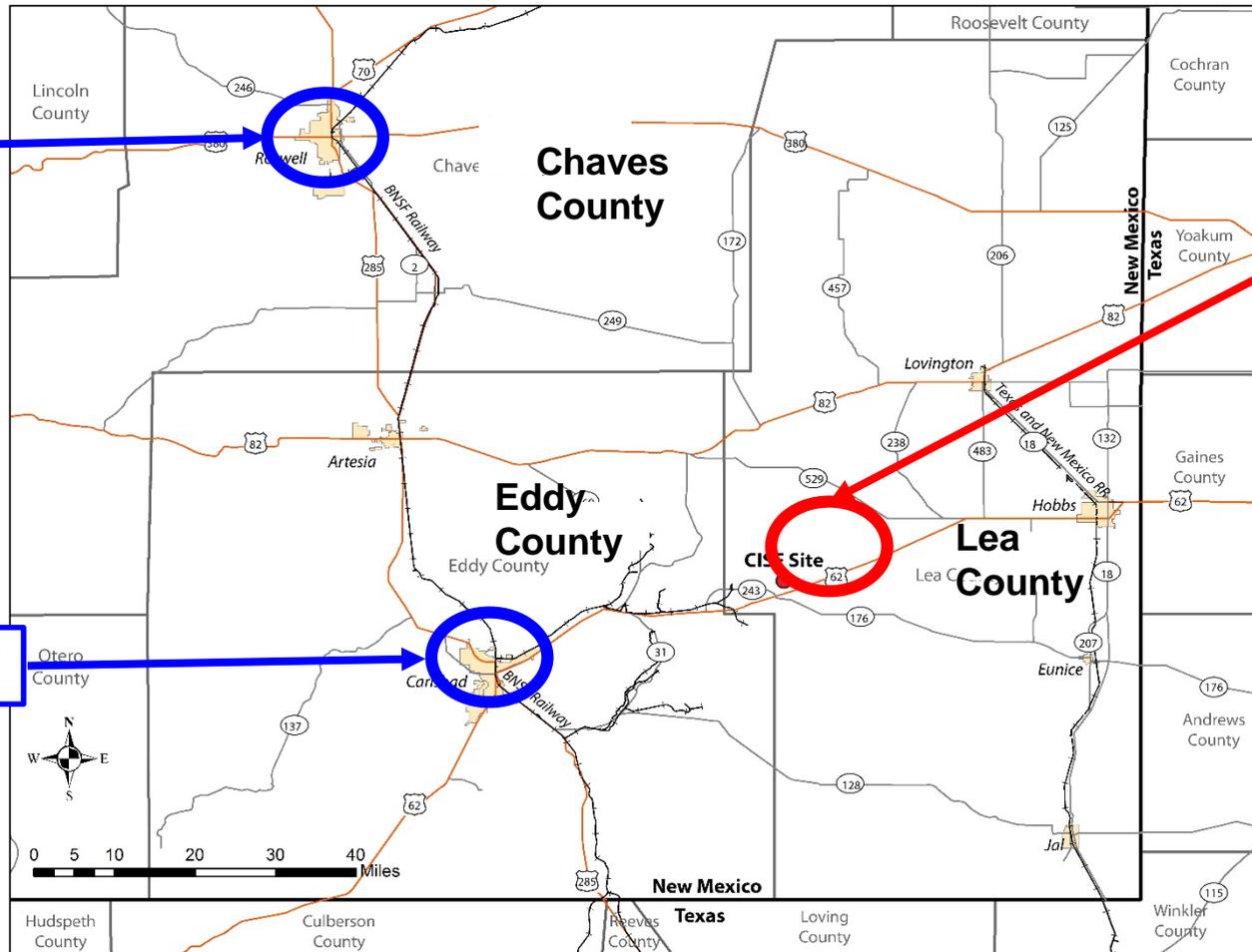
# The NRC's Role

- 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

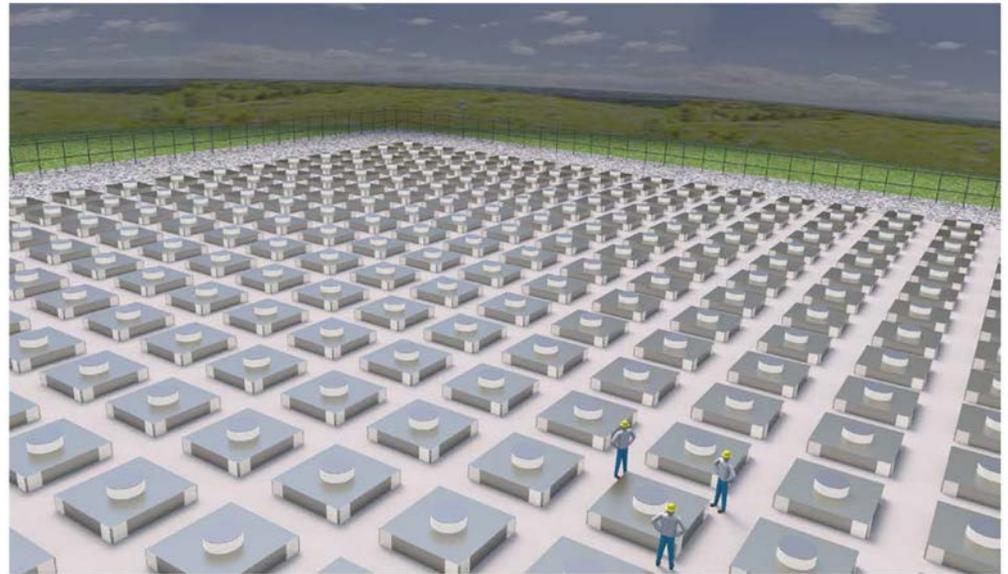
- 40 year license under 10 CFR Part 72 to store waste
- Phase 1: 500 canisters of spent nuclear fuel
- Holtec anticipates applying for up to 20 phases total of up to 10,000 canisters
  - Separate licensing action for additional Phases, safety and environmental review

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



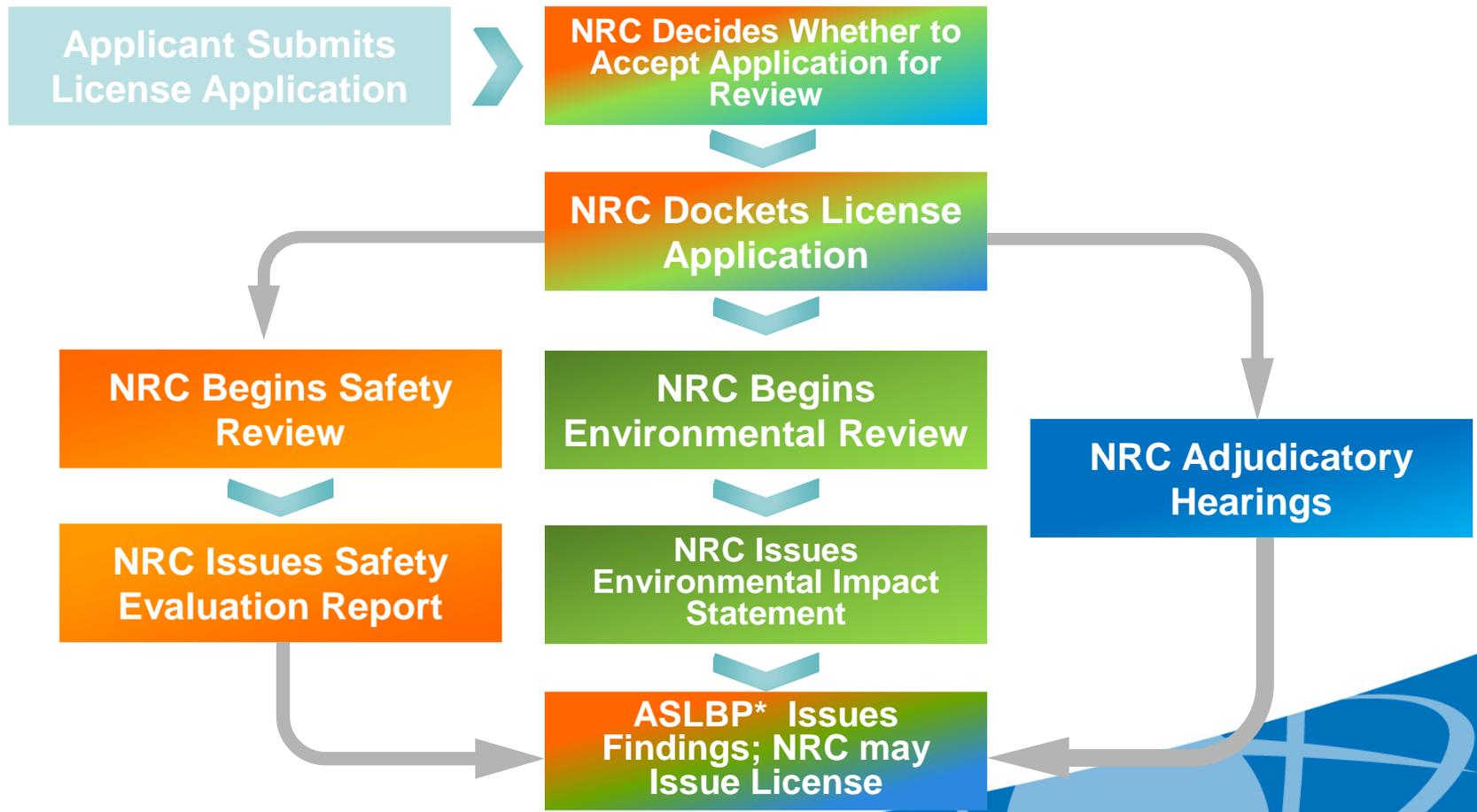
# Holtec's Proposed Consolidated Interim Storage Facility (CISF) for Spent Nuclear Fuel

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



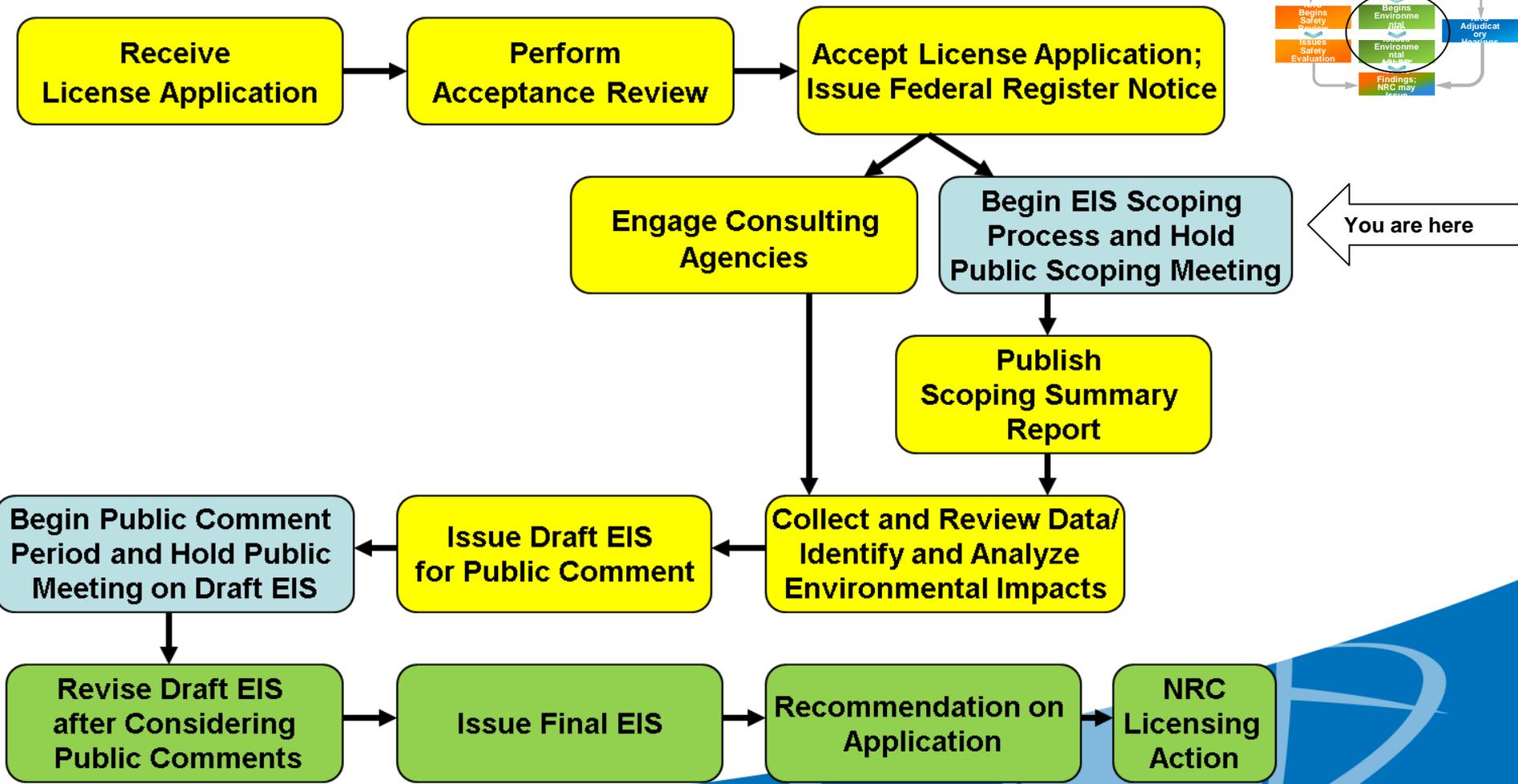
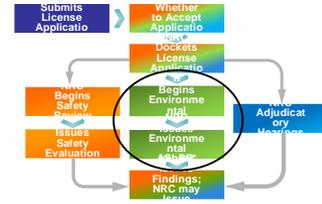
Source: Safety Evaluation Report (Holtec, 2017)

# NRC License Application Review Process



ASLBP\*: Atomic Safety and Licensing Board Panel

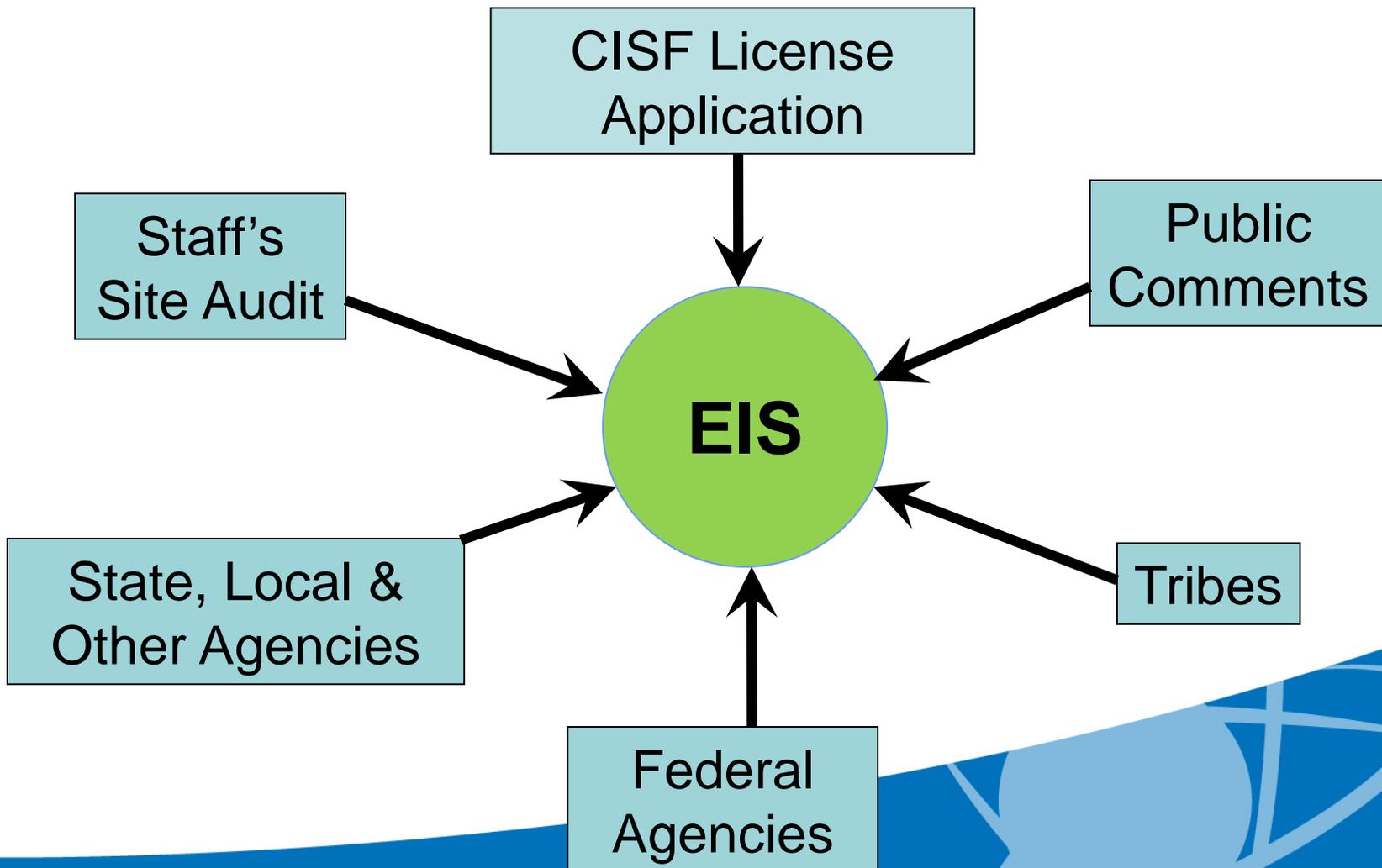
# NRC Environmental Review Process



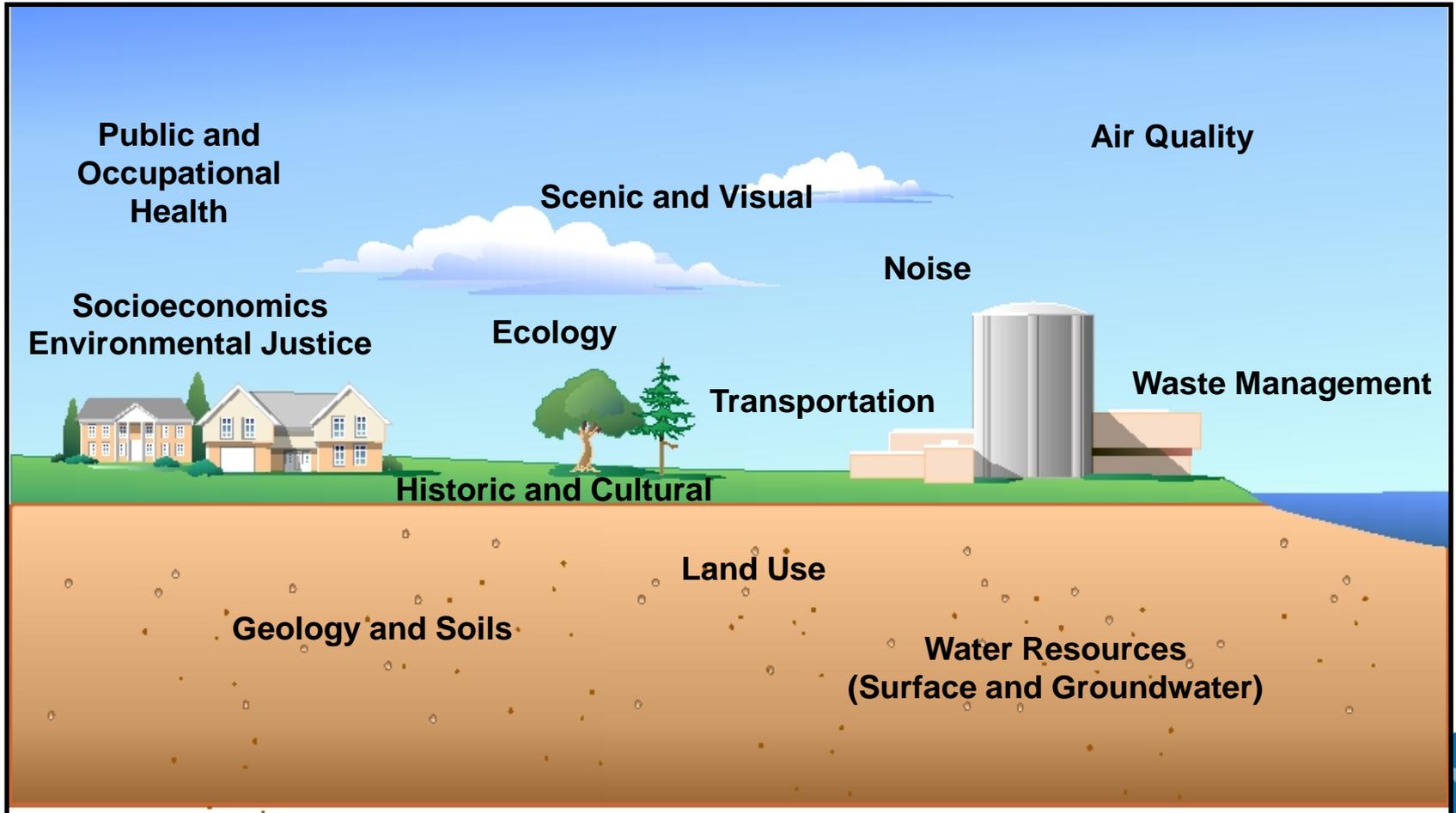
# Environmental Review

- 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.

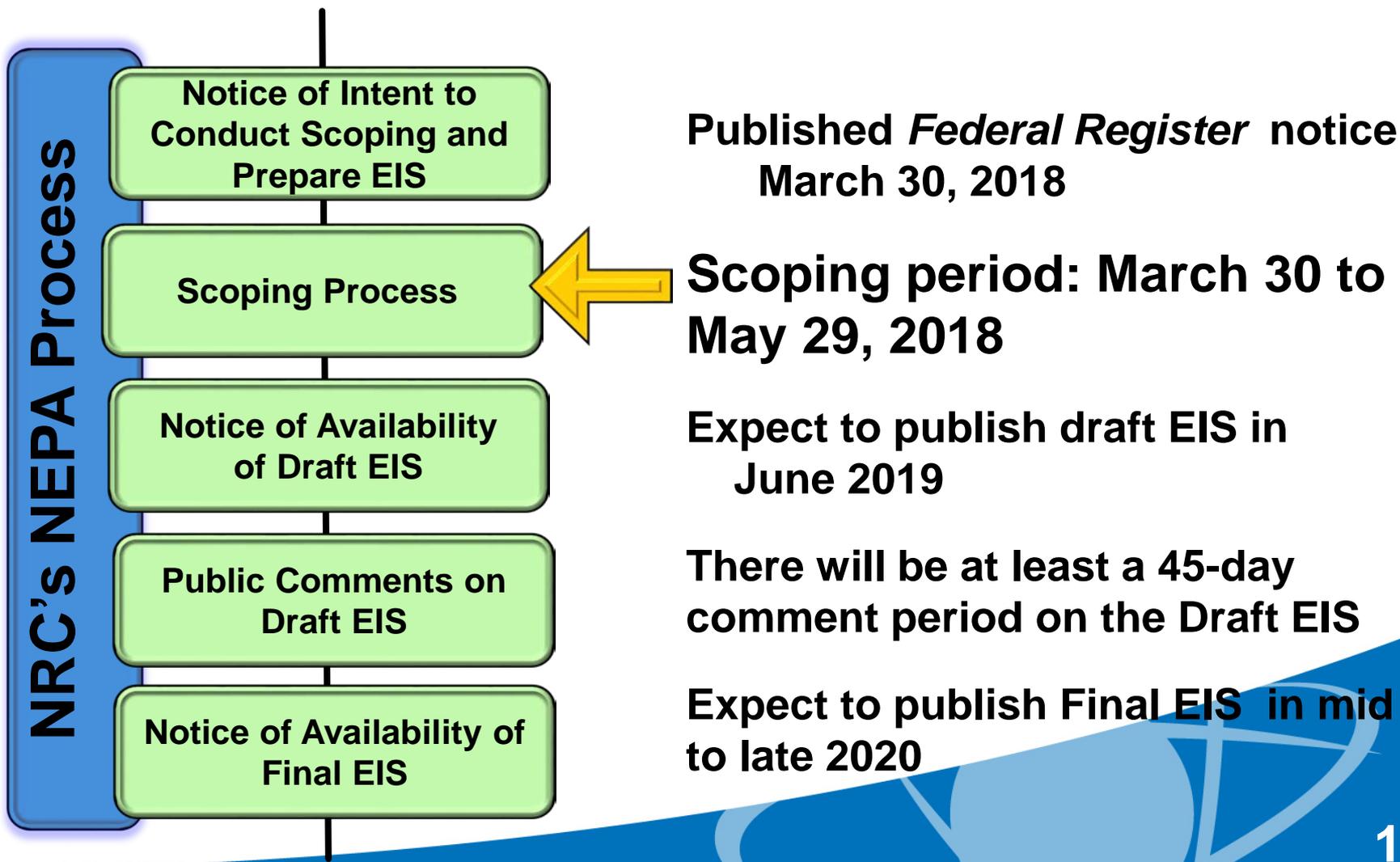
# Information Gathering



# Resource Areas



# Anticipated Environmental Review Schedule



# 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

- 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

Scoping comment period ends **May 29, 2018**.

# For Additional Information:

- 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 (1<sup>st</sup> floor), Rockville, MD 20852 (Tel: 800-397-4209; Fax: 301-415-3548; [pdr.resource@nrc.gov](mailto: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](mailto:Jill.Caverly@nrc.gov)
  - Licensing and Safety Review Project Manager: Jose Cuadrado – 301-415-0606; [Jose.Cuadrado-Caraballo@nrc.gov](mailto:Jose.Cuadrado-Caraballo@nrc.gov)