



Update:

***HI-STORE CISF - A Consolidated Interim
Storage Facility for Spent Nuclear Fuel in
Southeast New Mexico***

Radioactive and Hazardous Materials Committee

July 2021

Consolidated Interim Storage Update



- ✓ HI-STORM UMAX Technology
- ✓ Transportation of Spent Nuclear Fuel
- ✓ Public Outreach
- ✓ Licensing Timeline

HI-STORM UMAX Technology

■ HI-STORM UMAX

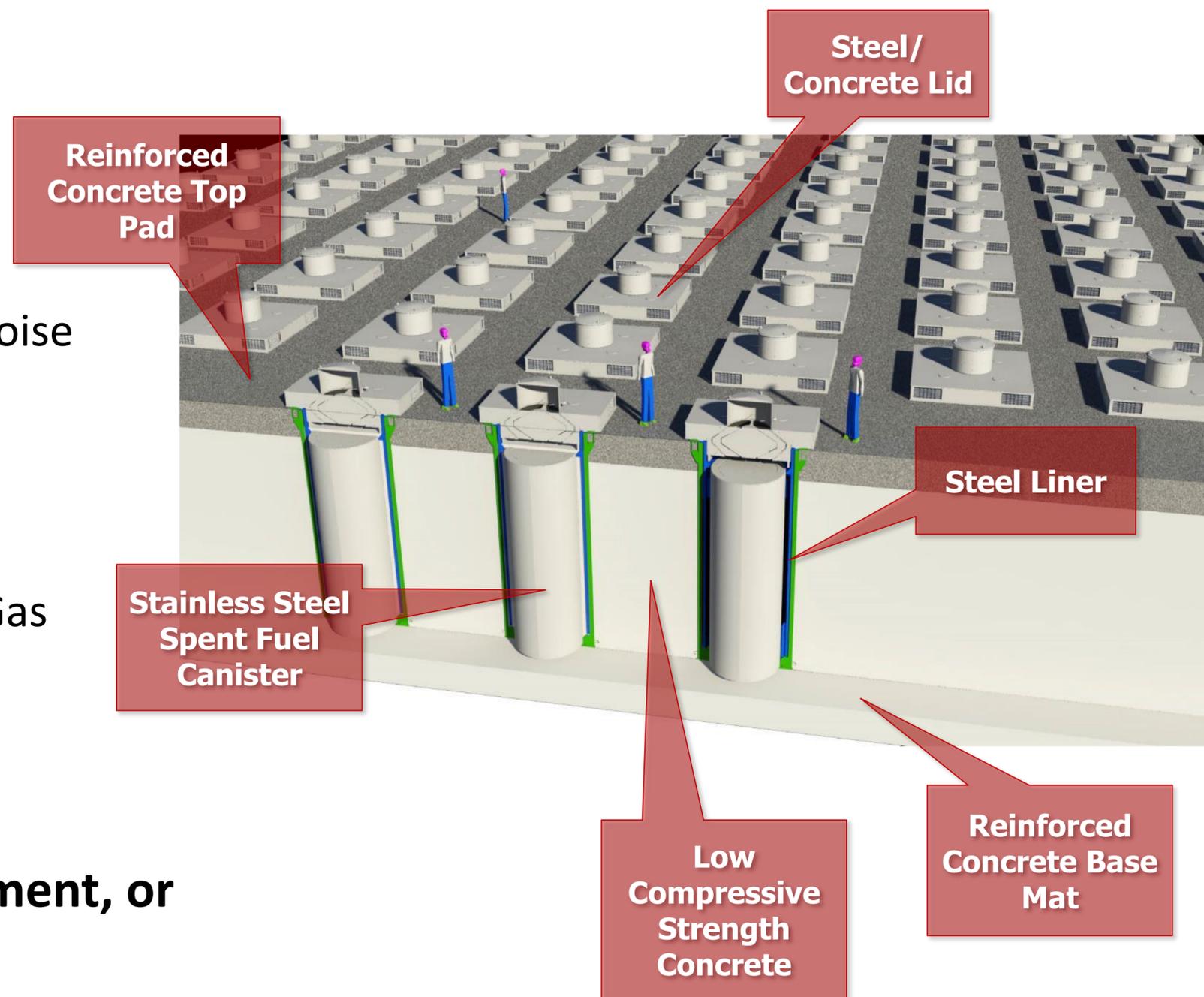
- ✓ Seal welded canisters
- ✓ Below grade vertical silos
- ✓ Requires no water or electric
- ✓ Produces no pollution, emissions, or noise

■ Safest and Most Secure Dry Storage Technology Available

- ✓ Maximum Safety: Earthquakes, Oil & Gas Accidents, other postulated accidents
- ✓ Maximum Security: Terrorist Threat

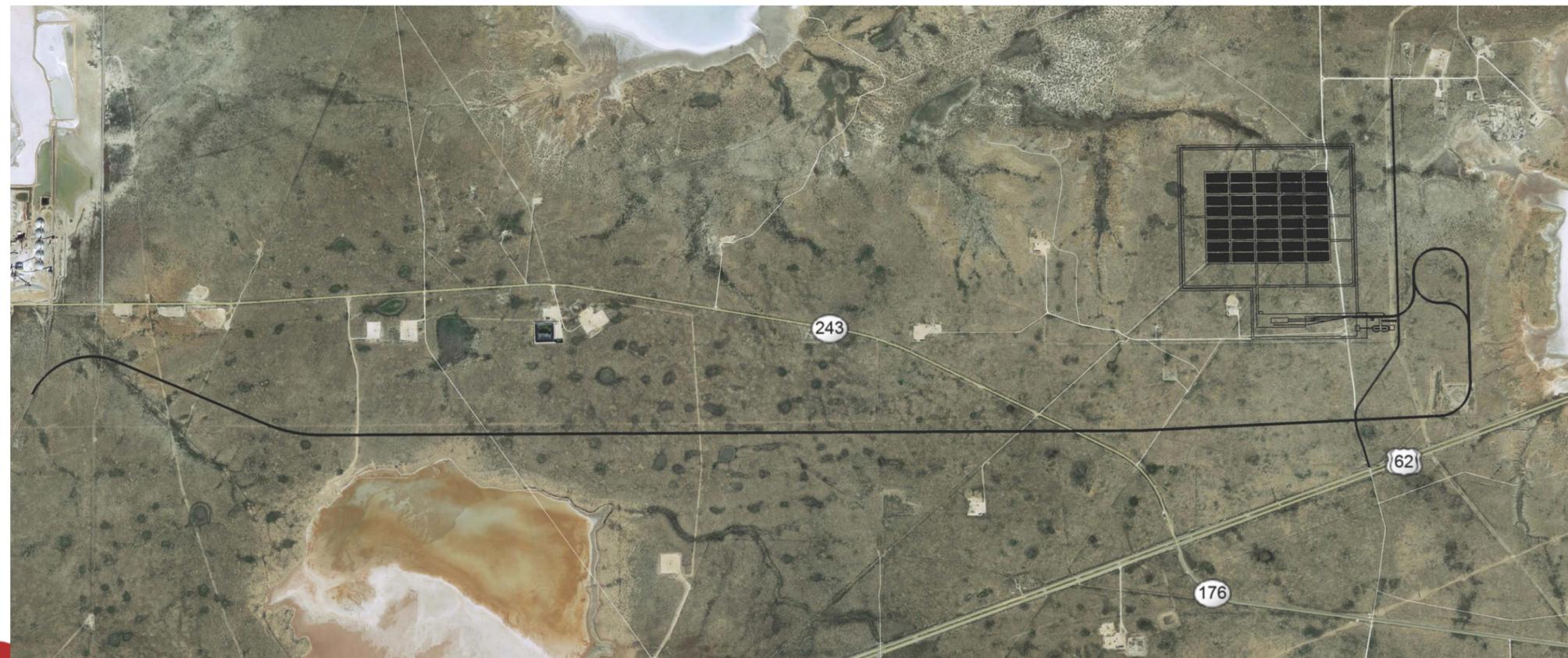
■ No Affect on General Public, Environment, or Economy

- ✓ Radiation dose fraction of cosmic radiation
- ✓ No aquifers, ground water, or minerals affected
- ✓ Oil & Gas, Ranchers, and Farmers not affected



Transportation of Spent Nuclear Fuel

- All Spent Nuclear Fuel (SNF) to be transported by Rail
- 4 Mile Rail Spur to be built by Holtec International
- DoT and NRC Regulate SNF Shipments
- >1300 Shipments of SNF over 40 Years
 - ✓ Each Shipment Completed Safely
 - ✓ No Release to Environment



Public Outreach

■ Prospective Transportation Routes

✓ 15 of 33 Counties Briefed

- Elected Officials and First Responders

✓ All Pueblo and Pueblo of Jemez

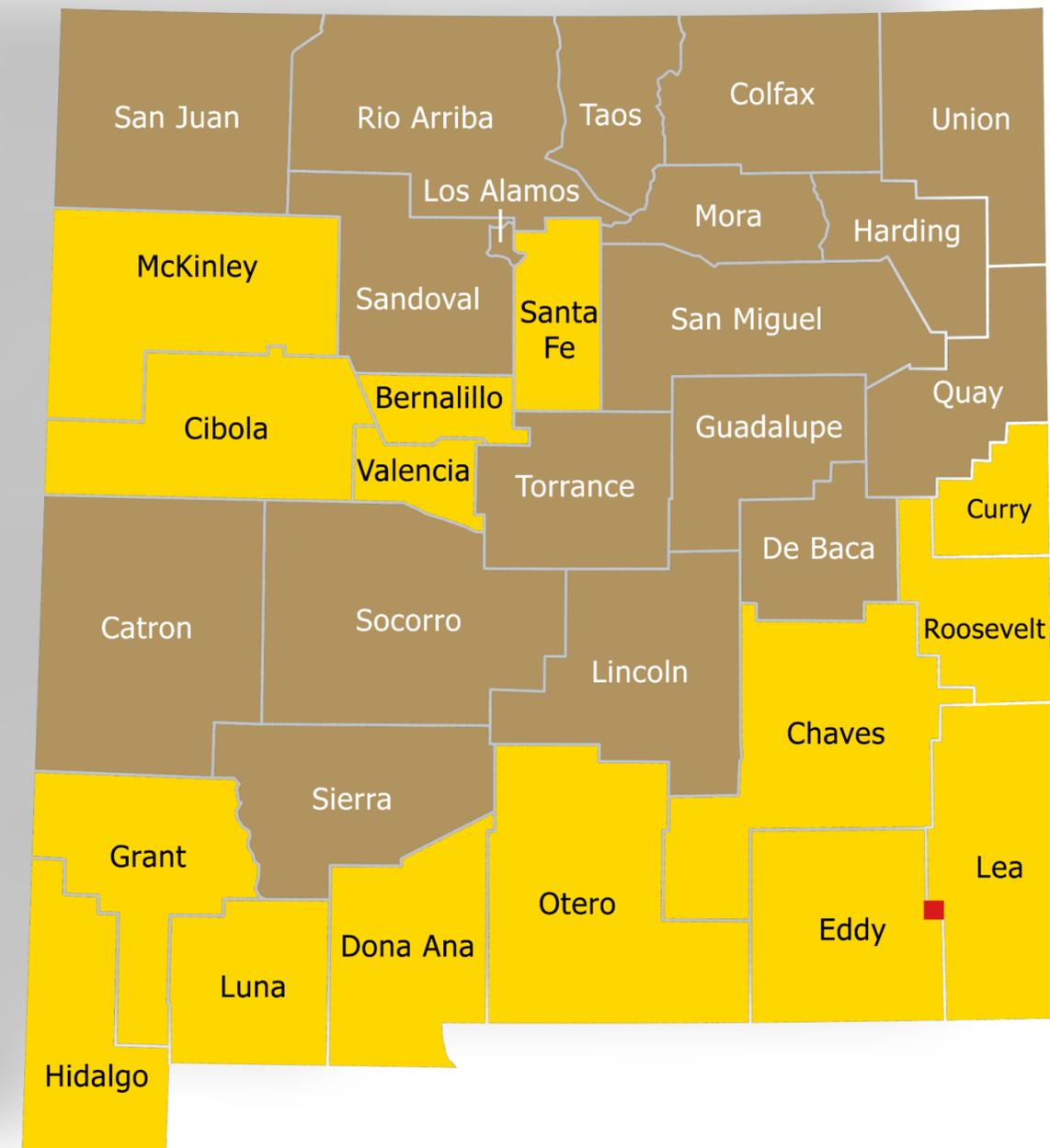
■ Facility Location

✓ Counties and Cities

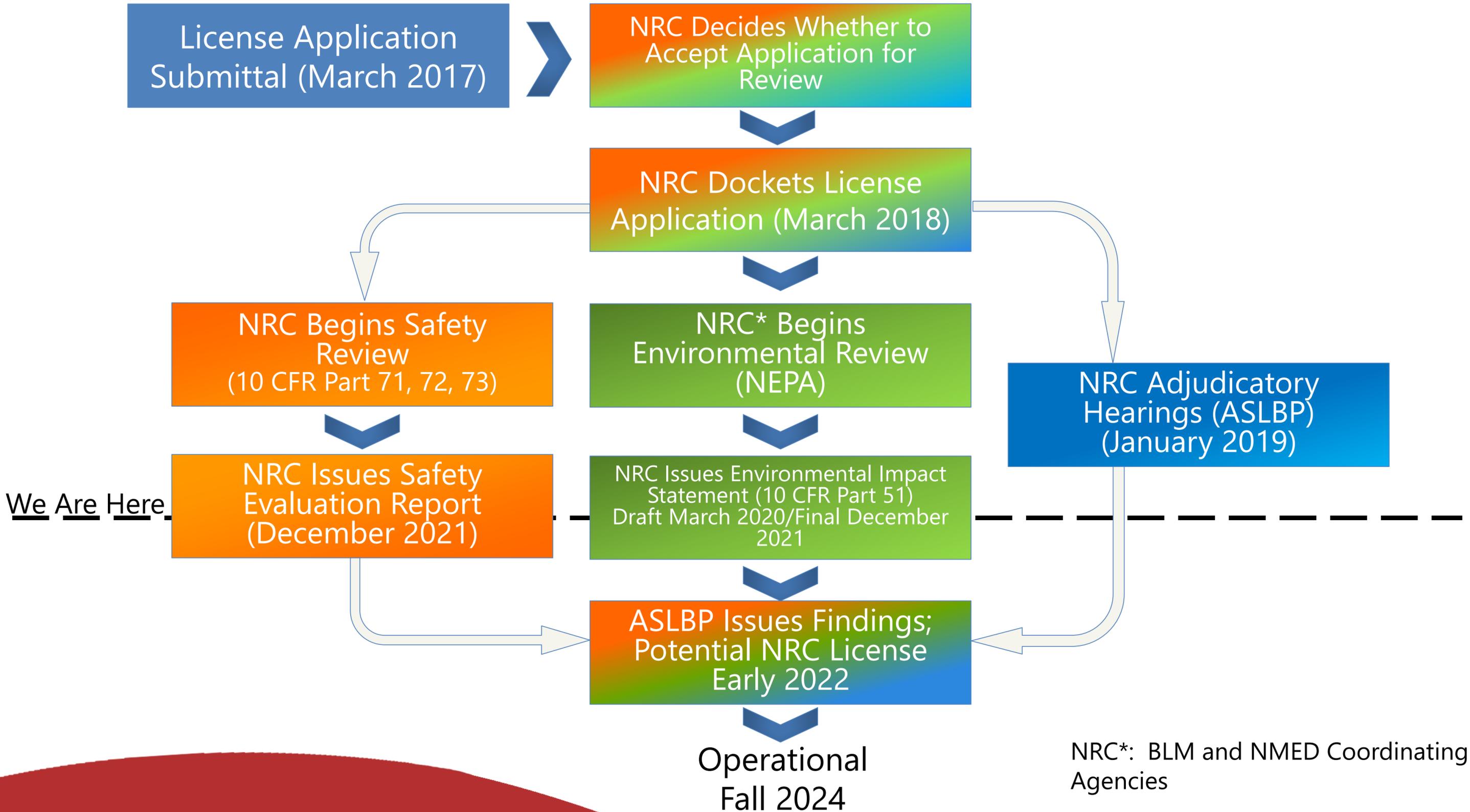
✓ Association of Counties

✓ Professional Organizations

- Economic Development Councils
- Chambers of Commerce
- Hispano Chamber
- NAACP
- Dairy, Farm and Livestock, Cattle Growers Associations
- Building/Construction Trades, General Contractors Associations
- Rotary Clubs



Licensing Timeline



Questions?



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