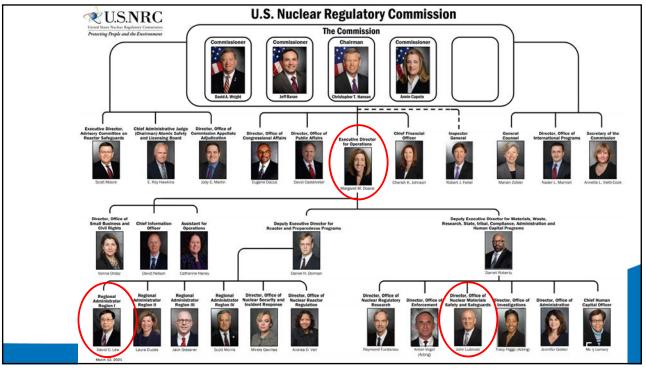


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Holtec HI-STORE CISF -Lea County, New Mexico

- License application submitted to NRC on March 30, 2017; detailed review began on February 28, 2018
- Holtec International is the applicant; proposed site is in Lea County, New Mexico
- Initial application for 40-year license to store up to 8,680 MTU (500 canisters) of commercial spent fuel; future plans to expand up to 100,000 MTU (10,000 canisters)
- Proposed facility to use the HI-STORM UMAX Canister Storage System





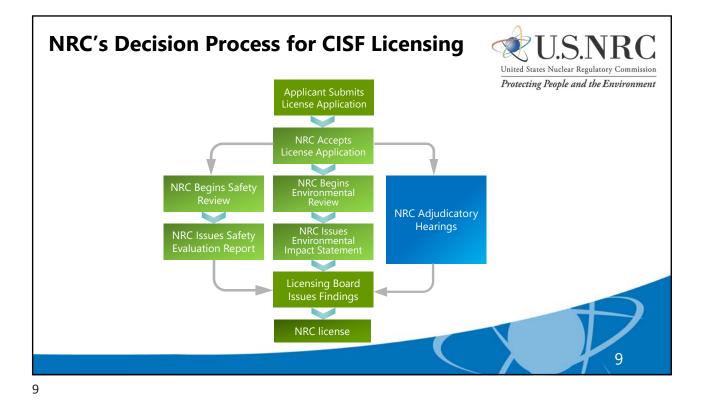


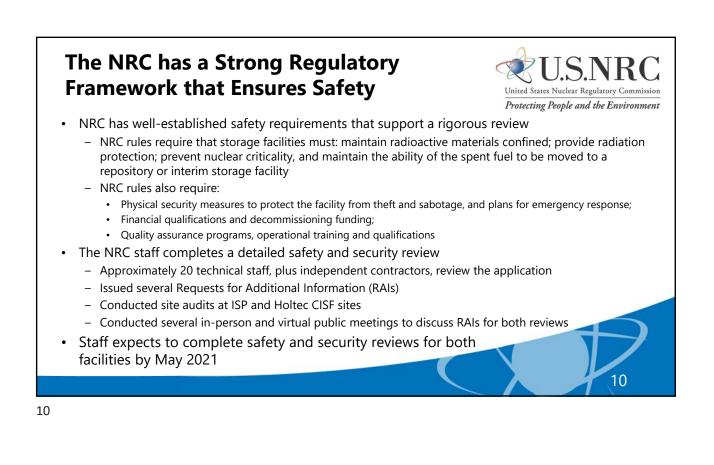
Interim Storage Partners, LLC (ISP) CISF – Andrews, Texas

- License application submitted to NRC on April 28, 2016; temporarily suspended in April 2017, restarted in August 2018
- ISP, LLC as applicant; joint venture between WCS and Orano CIS LLC (a subsidiary of Orano USA), site located near the WCS LLW site in Andrews, TX
- Initial application for 40-year license to store 5,000 MTU of commercial spent fuel; future plans to expand to 40,000 MTU
- Proposed facility to use several different above-ground dry storage cask systems









NRC's Environmental Review



- NRC regulations in 10 CFR Part 51 implement the National Environmental Policy Act (NEPA)
- NRC must prepare an Environmental Impact Statement (EIS) for an away-from-reactor CISF
 - EIS is a comprehensive assessment of the environmental impacts of the proposed action
 - NEPA process provides opportunities for public participation (input to EIS scope, comment on draft EIS)

• Scoping

- Holtec: five in-person meetings, one webinar; ISP: four in-person meetings, two webinars
- Outreach to local governments, emergency responders, county councils, school districts, Federal partners, etc.
- Draft EIS public review and comment
 - Holtec's draft EIS on March 9, 2020; six-month public comment period; 6 webinars
 - ISP's draft EIS on May 4, 2020; six-month public comment period; 4 webinars
- Final EISs for both facilities expected by July 2021

Resource Areas Evaluated in the EIS			United States Nuclear Regula Protecting People and the	
Land Use	Noise			
Transportation	Historic and Cultural		IMPACT SIGNIFICANCE LEVELS NUREG 1748	
Geology and Soils	Visual and Scenic		 SMALL – Environmental effects are not detectable or are so minor that they will neither destabilize nor noticeably alter any important attribute of the resource. MODERATE – Environmental effects are sufficient to alter noticeably, but not to destabilize, important attributes of the resource. LARGE – Environmental effects are clearly noticeable and are sufficient to and the sufficient to the sufficient	
Surface Water	Socioeconomic			
Groundwater	Environmental Justice			
Ecology	Public and Occupational Health			
Air Quality	Waste Management			
			destabilize important attributes of the resource.	
tional Historic Preservat Endangered Species A Outre	d in the Environmental Review: ion Act, Section 106 Consultation Act, Section 107 Consultation ach Activities perating Agencies			

NRC Adjudicatory Hearing

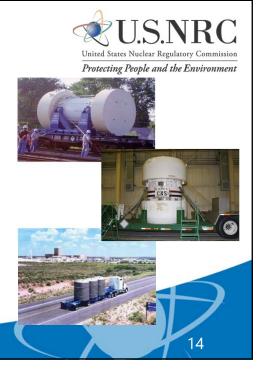


Protecting People and the Environment

- NRC provides an opportunity to request an adjudicatory hearing before a 3-judge licensing board of NRC's Atomic Safety and Licensing Board Panel (ASLBP)
 - ASLBP is an independent adjudicatory arm of NRC; conducts hearings for the Commission
 - To be granted, hearing petitions must contain at least one admissible contention; must demonstrate standing
- Status of Holtec Adjudicatory Hearing:
 - Board received 6 hearing petitions; approximately 46 separate contentions
 - No contentions were admitted; one appeal as well as new contentions filed after the initial deadline are pending before the Commission
 - One appeal to U.S. Court of Appeals is also pending
- Status of ISP Adjudicatory Hearing:
 - Board received 4 hearing petitions; approximately 40 separate contentions
 - One contention was initially admitted (contention of omission) and later dismissed as moot
 - Commission denied all appeals and referred one new proposed contention to ASLB for admissibility determination
- NRC rules allow staff to issue final licensing decision while appeals are pending before the Commission

NRC's Spent Fuel Transportation Responsibilities

- Transportation of radioactive materials is conducted in accordance with International Atomic Energy Agency (IAEA) standards established in 1961
 - Adopted by almost all international transport organizations and Member States as the basis for their national regulations, including the U.S.
 - Applicable to national and international transport of radioactive material by all modes of transport
 - NRC and DOT regularly harmonize domestic regulations with IAEA standards
- NRC and U.S. Department of Transportation co-regulate transportation of commercial spent fuel
 - NRC/DOT Memorandum of Understanding lays out the agencies' responsibilities for safety of radioactive materials transportation
 - DOT regulates carriers, modes of transport (rail, road, air, water)
 - NRC establishes design standards for spent fuel transportation packages
- NRC regularly meets with Federal, State, and Tribal government partners to discuss radioactive material transportation



NRC's Spent Fuel Transportation **Responsibilities (cont.)**

- Under NRC regulations, any entity licensed to possess commercial spent fuel is granted a general license to transport licensed material in an NRC-approved package
- NRC has a robust framework for the regulation of spent fuel transportation
 - NRC establishes regulations for:
 - Package design standards for transportation of spent fuel
 - Physical security requirements for transportation of spent fuel
 - NRC evaluates, approves, and authorizes for use transportation package designs; issues certificates
 - NRC approves routes and security plans for shipment of commercial spent fuel
 - NRC requires licensees to notify and coordinate with States, Tribes, and local law enforcement prior to shipments
 - NRC inspects and oversees certificate holders, package fabricators, and licensee shippers
- Spent fuel has been transported in the U.S. for decades and the risk associated with transportation is low



