

What's the Holtec Proposal?

New Mexico Interfaith Power and Light

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Center

Basic Questions

- ❖ If the waste is safe where it is, why bring it to New Mexico?
- ❖ If waste storage is good for the economy, why do the nuclear reactor communities not want to keep it?

Basic Facts

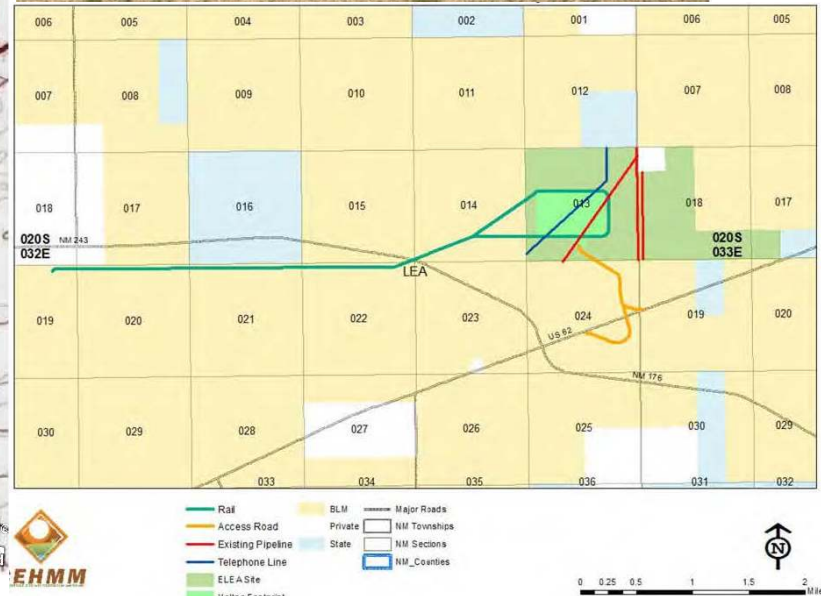
Holtec Site is between Carlsbad & Hobbs



Basic Facts

- ❖ NRC Application submitted March 31, 2017
 - Dec. 2017 Environmental Report is 543 pages
 - Safety Analysis Report is 536 pages & other documents
- ❖ 100,000 Metric Tons of Commercial Spent Fuel
 - 500 canisters per year for 20 years, starting in 2022.
 - About 80,000 Metric Tons now stored*
- ❖ Spent Fuel to be shipped by rail
 - Loaded Transport cask weighs 371,000 lbs. to 414,800 lbs.
- ❖ Waste could be stored for 120 years (40-year license, plus two extensions)

Holtec Site Now



0 0.25 0.5 1 1.5 2 Miles

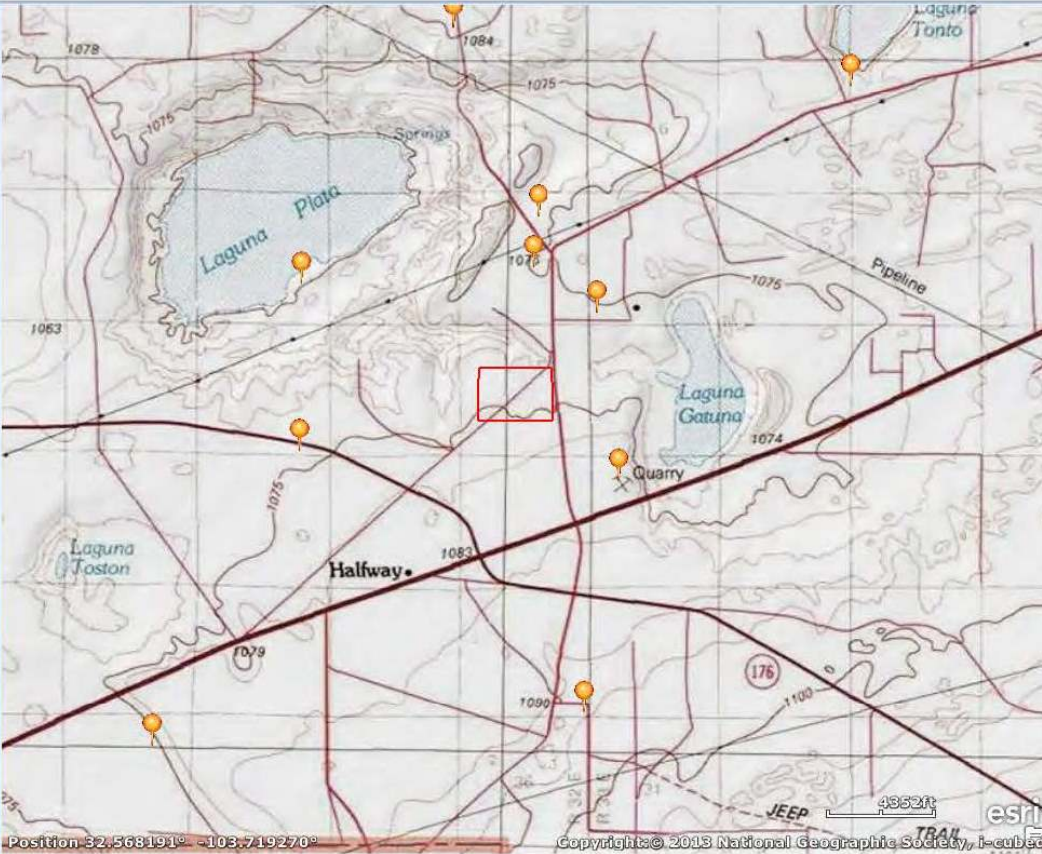
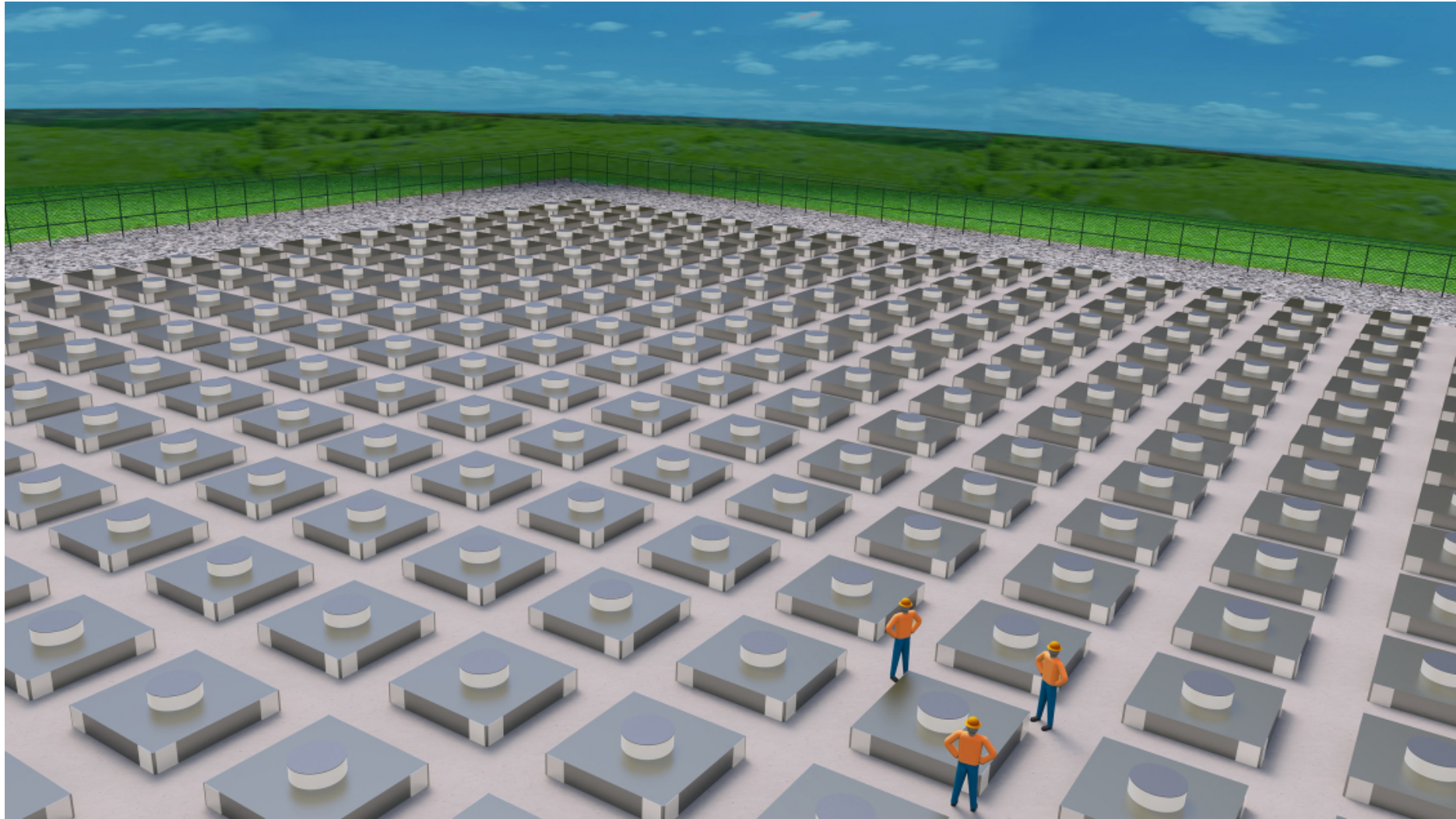


Figure 2.1.12: Mineral Resources near the Site

Figure 2.1.11: Surface Land Ownership in the Vicinity of the Site [2.1.15]

Holtec Storage

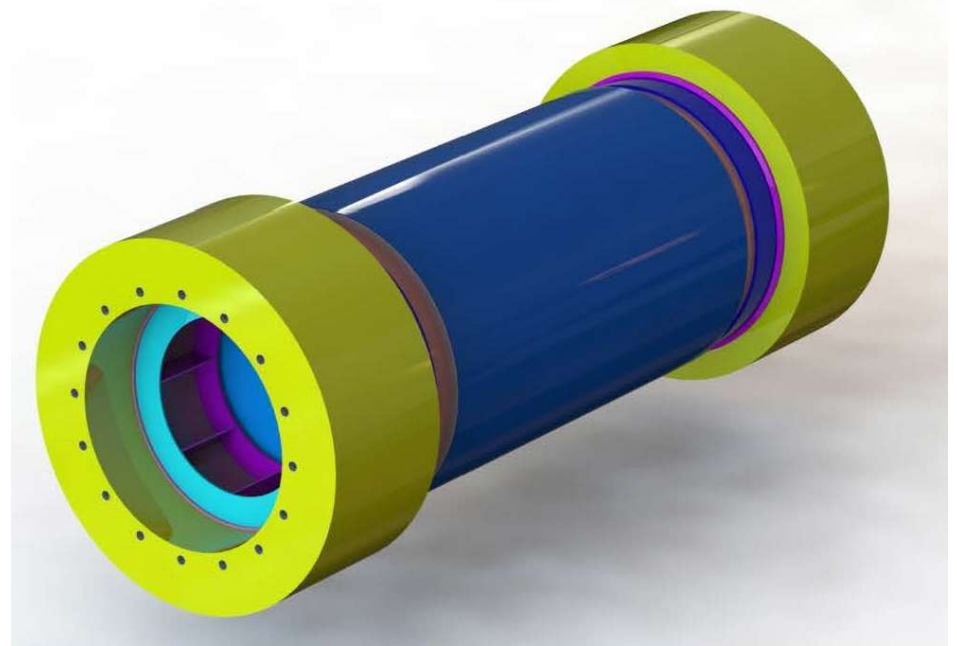
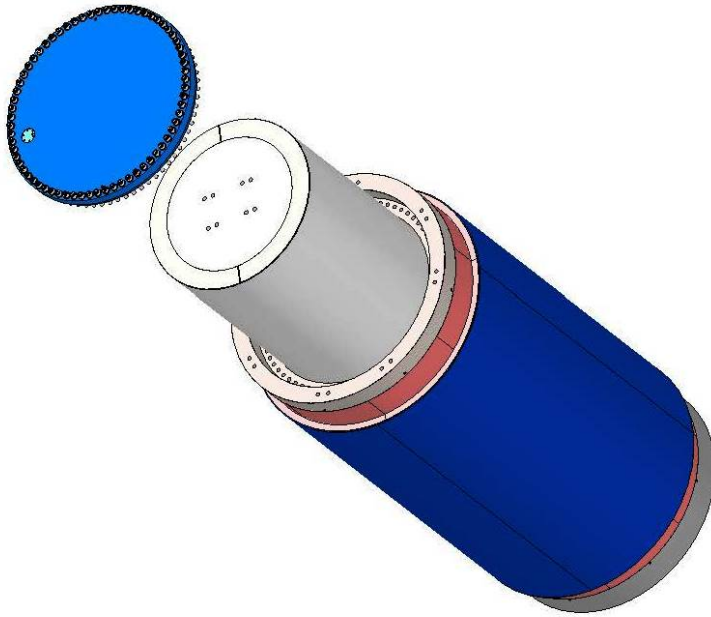


Holtec Storage Canister



10,000 Planned

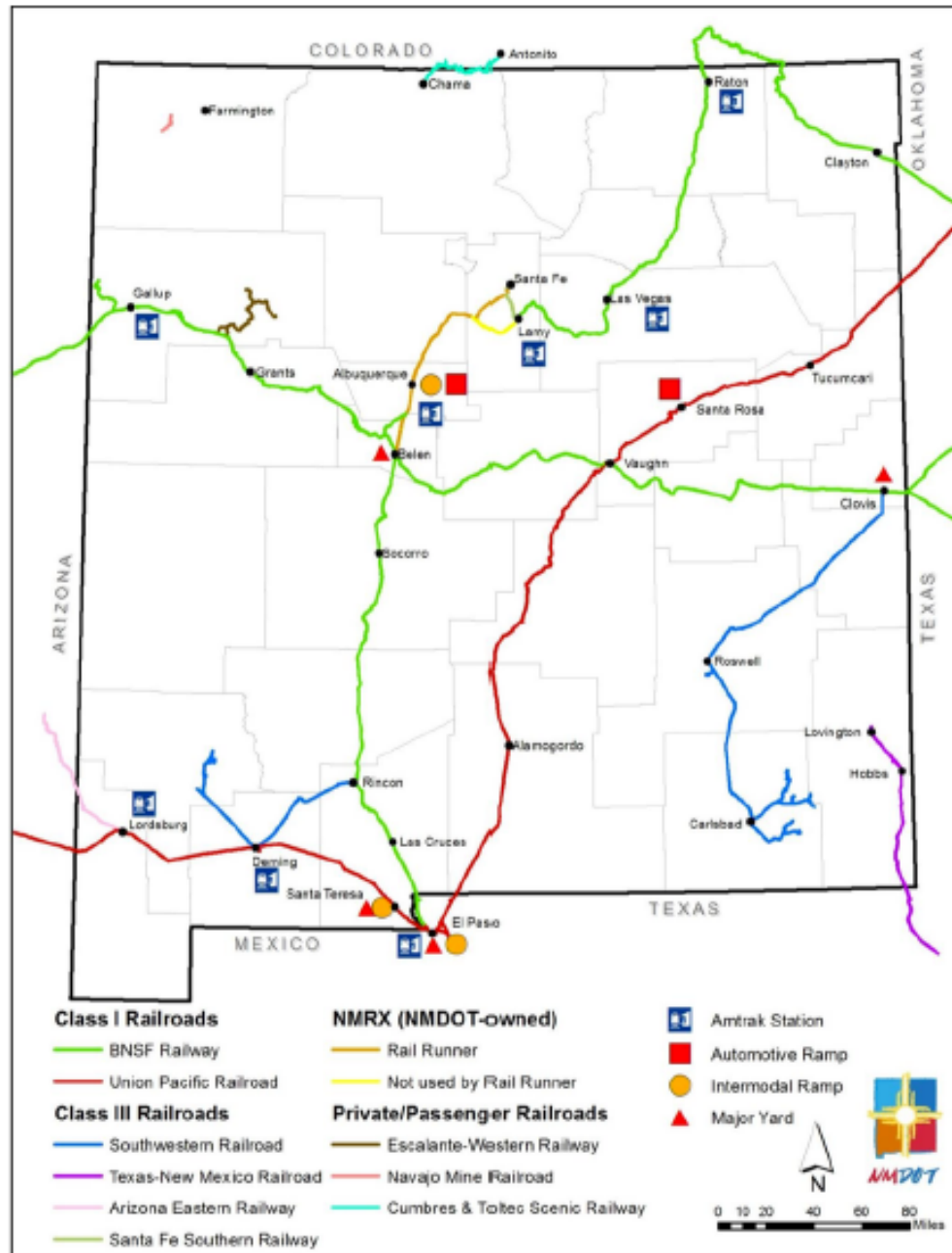
HI-STAR 190 Transport Cask



Cask length = 15' 9"/17' 8"
Internal Diameter = 6'4"
Outer Diameter = 8'10"

Waste Loaded weighs
371,000 lbs. to 414,800 lbs.

Figure ES.1 New Mexico State Rail System in 2014



Current Law

- ❖ Nuclear Waste Policy Act – “Polluter Pays” – Nuclear Utilities pay for storage on site and private storage
- ❖ Holtec application says Department of Energy (DOE) would pay for transportation, which is not allowed by current law

Existing Consolidated Storage

- ❖ Private Fuel Storage is located in Tooele County, Utah
- ❖ NRC issued 20-year license on February 21, 2006
- ❖ Site not used because of public and state opposition, establishment of Cedar Mountain Wilderness Area, BLM not granting access, and BIA not approving lease

Next Steps in NRC process

- ❖ NRC issues notice of public comment period on environment impact statement scoping
- ❖ Scoping includes public meetings in southeastern New Mexico
- ❖ NRC issues notice of schedule for Intervening and submitting Contentions in the licensing case.
- ❖ Various parties file motions to intervene

Reality: Lots of Opposition



Opposition Makes a Difference

“WCS respectfully requests that the NRC temporarily suspend all safety and environmental review activities as well as public participation activities.” 4/18/17

“WCS also is faced with a magnitude of financial burdens that currently make pursuit of licensing unsupportable. This is so because following the recent docketing of the CISF application in January 2017, the cost profile for WCS’ pursuit of the CISF application has increased dramatically.”

Resources

Holtec NRC documents:

<https://www.nrc.gov/waste/spent-fuel-storage/cis/holtec-international.html>

Holtec community opposition:

<http://nonuclearwasteaqui.org>

Holtec's website:

<https://holtecinternational.com/product/sandservices/hi-store-cis/>

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