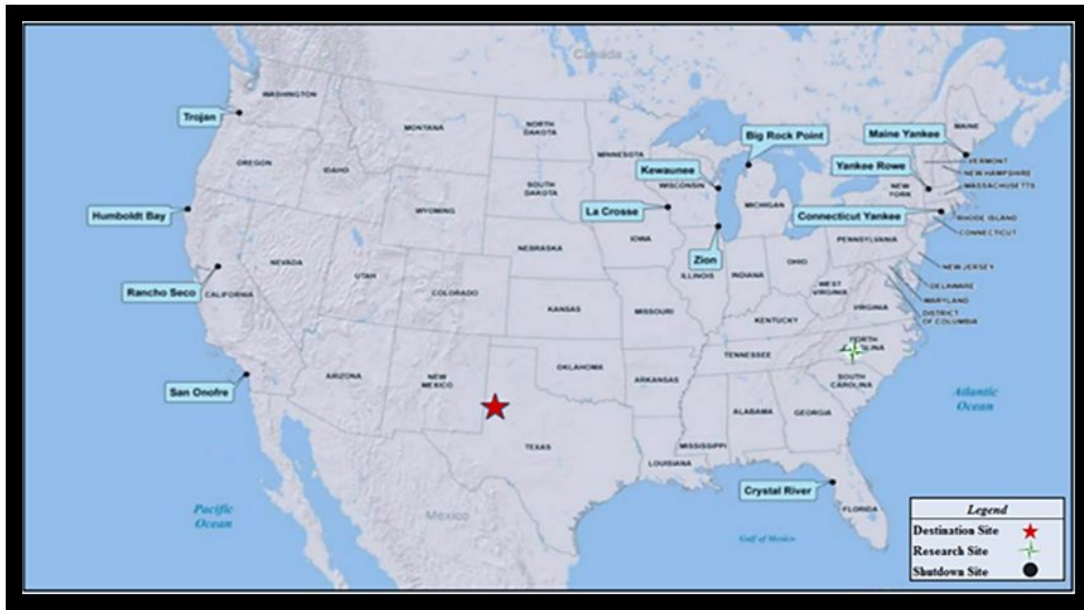


Project Brief: AREVA has requested a preliminary evaluation of shipping used nuclear fuel from 12 shutdown sites. Below is a graphical representation of the shutdown sites that are being evaluated:



Project Objectives:

- Create shipping and transportation plans to ship UNF from all sites being considered
- Estimate the total cost and time to ship all UNF from each site

What is needed: One of the critical factors that is necessary to complete this project is determining which railroad routes to utilize from each shutdown site.

The team is in the process of completing an analysis that will determine which railroad routes are most optimal based on the criteria that are being considered, which include **cost, time, and safety**. The three railroad alternatives that are being considered are **shortest distance, least population density,** and a **balanced route**. A description for each route alternative is displayed below:

Route A	<i>the railroad route that results in the least number of miles that are traveled on the railroad from any given site to west Texas (while traveling through major cities)</i>
Route B	<i>the railroad route that results in the least amount of affected population within 800 meters of the railroad route (possible for longer travel distance)</i>
Route C	<i>the railroad route that is based off of the shortest distance route that avoids major cities (intermediate route considering both Population & Distance alternatives)</i>

What the team needs from you: We need your opinion on what criteria are most important to you with regards to each railroad alternative. Your responses on our survey will have a heavy influence on the final solution that is presented to AREVA.

Thank you for your time and participation,

Team **AREVA_FUEL**