



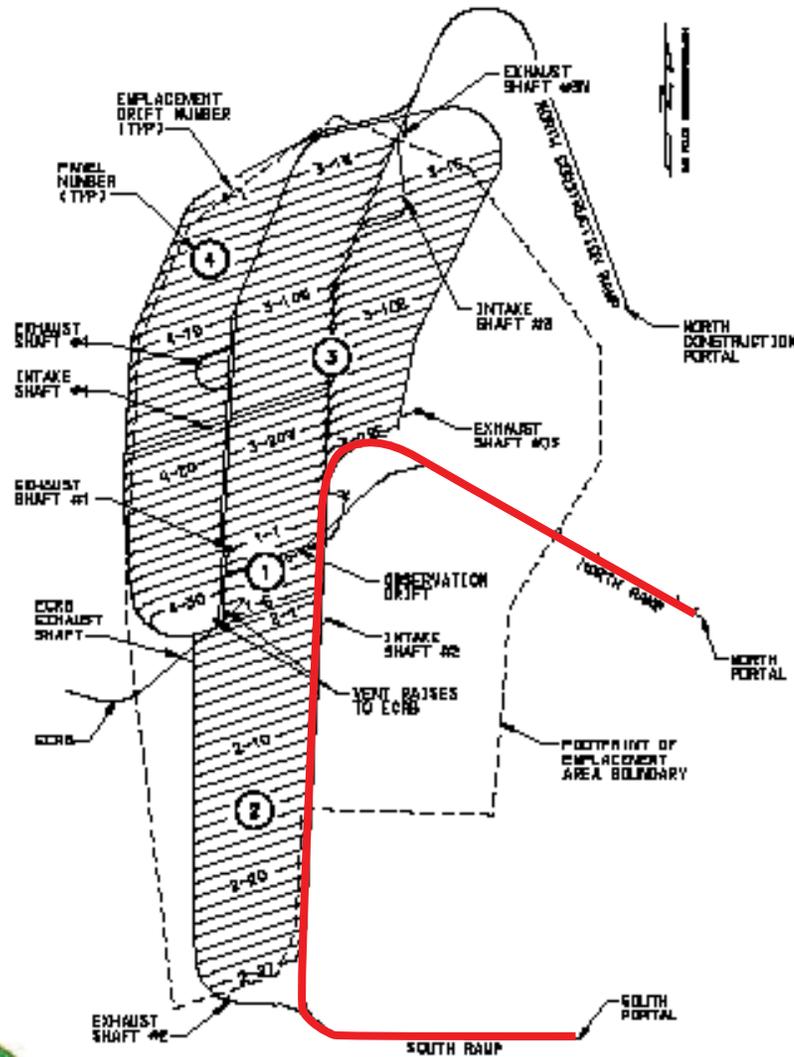
YUCCA MOUNTAIN – WHAT’S REALLY THERE?

The federal government has been pursuing a proposal to construct a nuclear waste dump at Yucca Mountain in southern Nevada for the better part of three decades. Contrary to some media reports and assertions by dump promoters, there is very little that actually exists at the Yucca site despite the time and money put into it by the U.S. Department of Energy.

When DOE abandoned the site and announced that it was terminating the project in 2009, all that existed, and all that continues to exist, at the project’s location is a single mined tunnel constructed to permit access to the subsurface for the purpose of studying geophysical conditions underground.

- To construct a repository at Yucca Mountain would require at least 44 miles of tunnels.
- To date, DOE has spent approximately \$8 billion studying the site and constructing the exploratory tunnel.
- To construct an operating repository at Yucca would cost almost **\$97 billion**, according to DOE’s latest estimate.
- To even begin actual construction, DOE would need a construction authorization from the U.S. Nuclear Regulatory Commission – something that is being – and will continue to be – vigorously contested by Nevada.
- The site today has been abandoned.
- Nothing exists but a boarded up tunnel to nowhere.
- There are no miles and miles of waste disposal tunnels
- There are no receiving and handling facilities.
- There are no containers or casks for transporting and disposing of the waste – these haven’t even been designed yet.
- There is no railroad to the site, and the cost to build rail access is in excess of \$3 billion.
- As shown in the figures below, all that exists at Yucca Mountain is the single, essentially useless 5 mile exploratory tunnel.

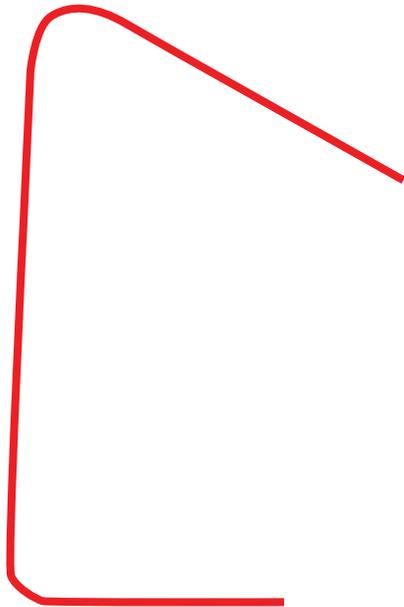
Proposed Yucca Mountain Subsurface Layout



- Panel numbers represent the proposed construction and emplacement sequence
- Sequence:
 - 6 drifts in Panel 1
 - 27 drifts in Panel 2
 - 45 drifts in 3E & 3W
 - 30 drifts in Panel 4
- Total emplacement length available is approximately 41 miles (66 km)
- Existing 5 mile exploratory tunnel



Reality



- No construction authorization
 - No waste disposal tunnels
 - No receiving facilities
 - No waste handling facilities
 - No transport, aging or disposal casks
 - NO RAILROAD
- Existing 5 mile exploratory tunnel