



# US NUCLEAR ENERGY FOUNDATION

## “Nuclear Advocacy through Grassroots Education”

A Non-Profit 501 (C)(3) Nevada Foundation

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## YUCCA FACTS THE SCIENCE, NOT POLITICS

**FACTS:** Over this past 30+ years, about 10 billion dollars went into the study for the completion of the Yucca Mountain Application Review Process to store the nation's nuclear waste in Nevada. The most egregious opposition to OUR national nuclear repository has been Nevada politics. Over this timeline the DOE provide some 97 million dollars to Nevada for the purpose to “parallel study” the DOE [data collection \(science\)](#). Nevada bureaucracy filtered most of these funds to purchase questionable opposition science from offshore countries and contractors.

### What the grassroots public should know about Yucca Mountain:

- A thirty + year study by 8 of Americas national scientific laboratories.
- Input and review **recommendations from more than 100 US colleges and universities.**
- A taxpayer investment into the research study of **more than \$10 Billion.**
- The license application study was **reviewed by more than 200 scientists and engineers at the Nuclear Regulatory Commission with no disqualifying elements found.**

To put it bluntly, political opposition to such an encompassing scientific study carries no qualification. Nevada's offshore research claiming **some 200 “contentions” in the science study are expected to be overruled by the courts adjudication process by the Atomic Safety & Licensing Board.**

It is time for Nevada citizens and stakeholders across the country to **read the facts of the science compared to the political obstruction. 9 of Nevada's 17 Counties support completing the Yucca Application Review Process.** The Nevada GOP State Convention, approved a platform statement on energy, including: “We support positioning Yucca Mountain as a world class, high-tech nuclear research, reprocessing and scientific facility predicated upon sound, safe and proven principles” and “Nevada should negotiate an agreement so that Nevadans enjoy the financial and economic benefits of hosting the nation's nuclear assets”. (waste repository)

**Grassroots education is our current mission.** It is becoming increasingly important that the public be appraised about the advances of nuclear energy technology.

**Advanced reactor designs will be capable of burning the current nuclear waste;** the science data study behind “Yucca Mountain is safe beyond a reasonable doubt”. Britain is working on **100,000-year radiation safe concrete.** The point is, that **technology will eliminate 96% of all waste as it is today within 50-75 years.** This moots, concerns regarding 10,000 or 100,000 or a million years of safe storage.

Now, we can debate whether or not science can accomplish this but you cannot debate the fact that in the past 30 years we have digital television, hand-held cell phones with Internet video TV access etc. that science has accomplished.

Nevada's current Governor Brian Sandoval remains opposed to Yucca Mountain, (why) USNEF has provided factual data about the study to the past three administrations with no reply. Governor **Sandoval was invited to participate in our 2013 Yucca Educational Symposium** in Reno. His spokesperson said, “**we have no one on staff qualified to participate**”, what? Nevada has an “**Agency for Nuclear Projects**” and funding allocations for the Attorney General's office to continue the legal battle against Yucca. **Yet, “we have no one on staff qualified to participate”.**

The Obama administration through the encouragement of Senator Reid, established the “**Blue Ribbon Commission on America's Nuclear Future**” to assess new avenues for nuclear waste, (**Yucca was not allowed to be included in the study**). The commission's primary finding was that the nation's nuclear repository should be “**consent based**”. Ironically, it has been Nevada politics obstructing the transparency of the Yucca Mountain Study by not providing a grassroots educational program about the engineering safety of Yucca Mountain to our citizens. **A statewide public referendum would provide an insight to “consent based” public policy** but the Nevada bureaucracy doesn't want to chance that. Nevada's bureaucracy has played a key role in the anti-Yucca Mountain messaging. **In order to balance the message fairly, requires an educated grassroots public.** Until Washington and the industry identify this, the foolishness of the Yucca Program will continue.