

As of: 10/9/15 2:04 PM  
Received: October 08, 2015  
Status: Pending\_Post  
Tracking No. 1jz-8lkn-9nzy  
Comments Due: November 20, 2015  
Submission Type: Web

# PUBLIC SUBMISSION

**Docket:** NRC-2015-0051

Department of Energy; Yucca Mountain, Nye County, Nevada; Supplemental Environmental Impact Statement

**Comment On:** NRC-2015-0051-0004

Department of Energy; Yucca Mountain, Nye County, Nevada; Correction and Extension of Comment Period

**Document:** NRC-2015-0051-DRAFT-0014

Comment on FR Doc # 2015-23510

8/21/2015  
80 FR 50875  
22

## Submitter Information

**Name:** Patrick Bosold

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RULES AND REGULATIONS

## General Comment

NRC's DSEIS has absurdly concluded that radioactive releases from the proposed Yucca Mountain high-level radioactive waste dump would be SMALL -- that is, essentially minimal, and harmless -- over the course of a million years into the future.

Actually, if irradiated nuclear fuel is ever buried at Yucca, it would leak massively, into the groundwater, creating a "nuclear sacrifice zone" over a broad region downstream.

This would include hazardous, even deadly, radioactive contamination of the groundwater, currently used for drinking and irrigation water in Nevada's agricultural Amargosa Valley; the Ash Meadows National Wildlife Refuge, Death Valley National Park, as well as the Timbisha Shoshone Indian community inhabiting Death Valley, would also be in harm's way.

The potential for disproportionate impacts on minority or low-income populations is especially high, considering the current lifestyle of the Timbisha Shoshone Indian community, as well as the traditional lifestyle of the Western Shoshone Indian Nation.

The potential for cumulative impacts associated with other past, present, or reasonably foreseeable future actions is very high. After all, the U.S. Atomic Energy Commission, Department of Energy, and military conducted atmospheric nuclear weapons tests in the vicinity of Yucca Mountain from 1951 to 1963. They continued to conduct underground full-scale nuclear weapons tests at the Nevada Test Site (NTS) from 1963 to 1992, many of which leaked radioactivity to the atmosphere and environment, as well as contaminated regional groundwater. Even after 1992, nuclear weapons testing has continued at the NTS, in the form of sub-

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critical experiments involving plutonium.

Another cumulative impact involves the large-scale transport to, and dumping of so-called "low" level radioactive wastes at the NTS.

Taken together, these points indicate that a vote of NO CONFIDENCE is the best public policy outcome for the Yucca Mountain project. Shut it down. Make the corporations that generated all of the toxic nuclear waste we're trying to deal with come up with a safe, sensible and sound way to dispose of it - and let THEM, not U.S. taxpayers or utility ratepayers, cover the costs.