

# PUBLIC SUBMISSION

<b>As of:</b> 8/1/17 3:55 PM
<b>Received:</b> July 31, 2017
<b>Status:</b> Pending_Post
<b>Tracking No.</b> 1k1-8xu3-6dzj
<b>Comments Due:</b> July 31, 2017
<b>Submission Type:</b> Web

**Docket:** NRC-2016-0264

Draft Clearance Package for OMB 3150-0199, 10 CFR Part 63, Disposal of High-Level Radioactive Wastes in a Geologic Repository at Yucca Mountain, Nevada

**Comment On:** NRC-2016-0264-0001

Information Collection: Disposal of High-Level Radioactive Wastes in a Geologic Repository at Yucca Mountain, Nevada; Request for Comment on Renewal of Existing Information Collection

**Document:** NRC-2016-0264-DRAFT-0006

Comment on FR Doc # 2017-11177

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## Submitter Information

**Name:** Stuart Waymire

**Address:**

3588 S. Malafia

Las Vegas, NV, 89103

**Email:** stuwaymire@ao.com

**Submitter's Representative:** Stuart D. Waymire

**Organization:** NevadansCAN

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## General Comment

Docket NRC-2016-0264

Dear Members of the NRC:

I am submitting the attached document, Yucca Mountain Blueprint, as Chief Editor for NevadansCAN (Nevadans Citizen Action Network). We believe this to be the first forward looking blueprint which designates Yucca Mountain not only as a repository for nuclear waste, but as an ongoing long term Nevada reprocessing, energy, and research center. In such a forward looking approach, Yucca Mountain becomes a critical addition to America's national energy and security policy.

Some potential uses we envision include:

- 1) Long term disposal of high level waste after densification
- 2) Fuel rod reprocessing
- 3) Research into 4th Generation Reactor technology such as Small Modular Reactors, Liquid Molten Salt Fast reactors, etc.
- 4) A center for reprocessing and densification of spent fuel and actinides through fast reactor and fast breeder technologies
- 5) A new national laboratory research center in Nevada to address the new challenges presented by a new long-range energy strategy for Nevada and the U.S.
- 6) Studies into desalination technology using micro SMRs to improve southwest area water sources.

7) Enhanced SMR national security Grid backups to protect against EMP, Cyber and terrorist attacks.

This list is not all inclusive, more is contained in the book and the list is growing. NevadansCAN and its energy committee are devoted to changing the discussion of Yucca Mountain into a positive vision for America's energy, and security future.

Please note that because of time restraints and late notification, this is a PRELIMINARY DRAFT document which will be substantially revised for full release by October 1st 2017 by NevadansCAN and we hope you can approve that updated version.

Chief Author/Editor: Stuart D. Waymire

Contributing Authors/Editors:

Colonel Robert E. Frank, USAF, (Ret.)

Steve Curtis

Technical Contributors to the Energy Committee:

Dr. Craig F. Smith, PhD, Nuclear Engineering

Dr. Charles Martin, PhD, Nuclear Engineering

Niger Innis, CEO, Congress Of Racial Equality (C.O.R.E.)

Ron Fraass, Chair, NV Section, American Nuclear Society

Julie Hereford, Co-Founder, NevadansCAN Network

Lisa Mayo-DeRiso, Co-Founder, NevadansCAN Network

We are asking the NRC to favorably consider our proposals and permit us to update this draft working document version of our vision as a key stakeholder in future discussions.

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## **Attachments**

NevadansCAN NRC submission of book