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OCT 05 2001

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CLEMENSBYRON000@aol.com on 10/05/2001 08:53:07 AM

To: YMP\_SR@ymp.gov  
cc:

Subject: Yucca Mountain Site Suitability Evaluation

Part of Records Package / Supplement / Correction

To: Department of Energy  
Office of Civilian Radioactive Waste Management  
Yucca Mountain Site Characterization Office

From: Byron Clemens  
100 Arundel  
St. Louis, MO.  
63105

RE: Yucca Mountain Preliminary Site Suitability Evaluation and Supplement to the Draft Environmental Impact Statement

After consideration of the public hearings in January 2000 and review of the above mentioned documents and articles in the New York Times and Nature magazine I am concerned that a political decision is being made concerning the suitability of Yucca Mountain as a temporary and/or permanent Radioactive Waste site. The scientific and technical feasibility of the site is highly questionable. Yucca Mountain is a poor choice for several geologic, transport, hydrological reasons. Yucca Mountain is seismologically and volcanically active area. The destruction of the Yucca Mountain public information center and the relatively high level of seismic activity offer evidence for concern. The geologic make up of the site indicates fracturing which may aid the leaching of radioactive materials and make them difficult or impossible to retrieve if migration occurs. The site has shown significant migration of water through the site some of which shows evidence of man made chemicals which indicates that water moves through the site in a measure of decades not thousands of years. The technical aspects of transportation have not been adequately addressed. The very real possibility of terrorist activity would suggest that transport and storage at one facility may not be a better choice than storage at individual sites that produce Radioactive waste. For the above mentioned reasons and those that I voiced in the Public Hearings if I believe the Secret te. It would be politically expedient to rush to judgement while referring to possible solutions as flexible and/or engineered drip shields; indicates the site may not be acceptable. The selection of Yucca Mountain at its inception indicated that there was no significant migration of water through the site, that if there was water it would have been in situ for thousands of years - now drip shields; would be required for water that has migrated within 50 years.

Sincerely,  
Byron Clemens