



"Charles.W..Forsberg"@fakeaddress.net on 07/01/2001 10:31:52 AM

RECEIVED

To: EISR, Bonnie Fogdall/YM/RWDOE
cc:

JUL 02 2001

Subject: SDEIS Comment

Part of Records Package / Supplement / Correction

July 01, 2001 10:31:52

IP address: 216.82.9.149

 ---> Commentors Name: Charles W. Forsberg
 ---> Organization: Self
 ---> Position:

 ---> The Commentors Address:
 ---> 155 Newport Drive
 ---> Oak Ridge, Tennessee 37830

 ---> Email Information:
 ---> forsberg@icx.net
 ---> Add commentor to the mailing list : yes

 ---> Contact Information:
 ---> fax number : -
 ---> phone number : 865-4810416
 ---> organization : Self
 ---> position :

 --> Comment Text :
 The YMP is considering the option of a cool repository by ventilating the repository for decades to centuries. There are significant advantages: (1) reduced heat-load impacts on the geology and waste package and (2) time to have improved confidence in the repository before closure. However, there are difficulties with this approach. The current waste package contains no radiation shielding and thus all maintenance and inspection operations must be done remotely. This is difficult to do.

1...

I urge the project to consider use of self-shielded waste packages so the repository tunnels and waste packages could

1 cont. be directly inspected and (if necessary) maintained. Direct observation and maintenance is generally superior to remote operation and maintenance.

In this context, the government has in excess of 500,000 tons of depleted uranium and in excess depleted uranium and 2,000,000 tons of potentially contaminated steel. One shielding option to consider is use of these materials to produce a depleted-uranium-dioxide cermet as a shielding material. This would simultaneously dispose of these materials while improveing repository performance. There are also other self-sheilding waste package options.

Sincerely yours,

Dr. Charles Forsberg
