

From: Timothy Johnson
To: PHILLIP BARR
Date: 07/13/2006 1:48:14 PM
Subject: Re: LES site sits in an earthquake zone

This is in response to your email dated June 29, 2006, in which you raised concerns about the seismic hazard of the LES National Enrichment Facility. We forwarded your concerns to our technical reviewers that evaluated the seismic issues associated with the facility. The text below documents their evaluation of the information you provided.

Chapter 12 of "State of Texas Hazards Analysis, by the Governor's Division of Emergency Management, Department of Public Safety, Austin, Texas, 1998", including the earthquakes depicted in Figure 12A, does not contain any important earthquake information that was not considered in the LES Safety Analysis Report (SAR) and Integrated Safety Analysis (ISA) Summary. The information presented in the LES SAR and ISA Summary was obtained from several different earthquake catalogs, including the University of Texas Institute for Geophysics and the New Mexico Tech Historical and Regional catalogs. Specifically, the LES SAR and ISA Summary considered earthquakes of magnitude 3.0 and greater within a 322 km radius of the site, from 1931 and 2003. Consequently, the earthquake information considered in the LES SAR and ISA Summary included earthquakes for both Texas and New Mexico. In the NRC Safety Evaluation Report (NUREG-1827), we concluded that information provides a complete summary of seismicity and potential fault and tectonic sources in the region. For more information, see Sections 1.3.3.4 and 3.3.1.1.5 of the Safety Evaluation Report.

>>> "PHILLIP BARR" <pharb2@msn.com> 06/29/2006 2:18 AM >>>

Its my contention that the site picked for the Les enrichment plant sits in an earthquake zone. It would be unsafe for the plant to be built in this location.

See figure 12w-A

Source Chapter 12 of, State of Texas Hazards Analysis, by the Governor's Division of Emergency Management, Department of Public Safety, Austin, Texas, 1998. Phillip BarrLea County

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From: Timothy Johnson

Created By: TCJ@nrc.gov

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