

## **Appendix B**

### **Determinations of Peer Review Member Independence**

## Determination of Peer Review Panel Member Independence Form

Are you currently employed by DOE, or a DOE contractor\_\_\_?

Yes/No ✓

Were you employed by DOE or a DOE Contractor previously?

Yes/No ✓

(If yes, give dates, location, organization, position, and type of work performed).

Do you have or have you had any direct involvement or financial interest in the work under review?

Yes/No ✓

(If yes, describe the involvement)

Is there any reason why you cannot perform an impartial peer review?

Yes/No ✓

If yes, state the reason(s))

Is there any aspect of your past that may lead to a perception of bias in the results of your peer review?

Yes/No ✓

(If yes, describe)

I pledge that my review of this work will be completely impartial and based solely on the information available during the review.

Signature: Ching H. Yew

Print Name: Ching H. Yew

Date: July 7, 2003

## Determination of Peer Review Panel Member Independence Form

Are you currently employed by DOE, or a DOE contractor \_\_\_? Yes/No

Were you employed by DOE or a DOE Contractor previously? Yes/No

(If yes, give dates, location, organization, position, and type of work performed).

1978-1982, Livermore, CA  
Lawrence Livermore National Laboratory  
Earth Science Division

Do you have or have you had any direct involvement or financial interest in the work under review? Yes/No

(If yes, describe the involvement)

Is there any reason why you cannot perform an impartial peer review? Yes/No  
If yes, state the reason(s))

Is there any aspect of your past that may lead to a perception of bias in the results of your peer review? Yes/No  
(If yes, describe)

I pledge that my review of this work will be completely impartial and based solely on the information available during the review.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

*Jonathan Hanson*  
Jonathan Hanson  
7/7/03

## Determination of Peer Review Panel Member Independence Form

Are you currently employed by DOE \_\_\_ or a DOE contractor \_\_\_?

Yes/No

Were you employed by DOE or a DOE Contractor previously?

Yes/No

(If yes, give dates, location, organization, position, and type of work performed).

*Sandia National Labs from 1979-1999, Member of Technical Staff  
Geomechanics primarily for oil & gas studies*

Do you have or have you had any direct involvement or financial interest in the work under review?

Yes/No

(If yes, describe the involvement)

Is there any reason why you cannot perform an impartial peer review?

Yes/No

If yes, state the reason(s))

Is there any aspect of your past that may lead to a perception of bias in the results of your peer review?

Yes/No

(If yes, describe)

I pledge that my review of this work will be completely impartial and based solely on the information available during the review.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

*Lawrence W. Teufel*

*Lawrence W. Teufel*

*7/7/02*

## **Statement of Unbiased Peer Review of the Spallings Model by Lawrence W. Teufel**


Before accepting my current position in 1994 as the Langdon Taylor Professor of Petroleum Engineering at the New Mexico Institute of Mining and Technology I was a member of the technical staff at Sandia National Laboratories from 1979 to 1999. From 1994 to 1999 I had a joint appointment at Sandia Labs and New Mexico Tech. During my 20 year career at Sandia Labs I was involved with several cooperative DOE/Industry oil and gas projects and worked almost exclusively on petroleum-related rock mechanics studies on hydraulic fracturing, fluid-flow in natural fracture systems, *in situ* stress measurements, and reservoir compaction and subsidence. In my very early career at Sandia Labs I was involved in only one small WIPP related project, which was a rock mechanics study of the mechanical properties of anhydrite in the Salado Formation at WIPP. Colleagues at Sandia were involved with various geotechnical studies at WIPP. Over the years I have had many technical discussions with them on these projects. Since leaving Sandia Labs in 1999 I have had limited technical contact with Sandia staff members and these have been related only to tight gas projects with industry. When I was a member of the U.S. National Committee for Rock Mechanics I was asked and provided unbiased peer review of WIPP and Yucca Mountain geotechnical studies. At that time I was employed by Sandia Labs. I have no vested interest in any of the technical studies at WIPP conducted by Sandia Labs (other than my small anhydrite rock mechanics study, which went through peer review) or by any other group. I can and will provide an unbiased peer review of the Spallings Model.

  
Lawrence W. Teufel

## **Appendix C**

### **Certifications Regarding Organizational Conflicts of Interest**

I have reviewed each of the selected peer review panel member's (Jonathan M. Hanson, Lawrence W. Teufel, and Ching Hsie Yew) backgrounds and employment histories. I have also interviewed each of them to determine if they have any organizational conflict of interest or a bias for, or against, the WIPP facility as a nuclear waste repository. Through these background investigations and interviews I have determined that none of the selected peer review panel members has a bias or an organizational conflict of interest related to the Spallings Conceptual Model Peer Review. Please note that in the case of Lawrence Teufel having worked for Sandia National Laboratories, I requested a written statement by him attesting to his independence. That signed statement is attached.

  
John A. Thies,  
Peer Review Manager 