

**Statement of Work for Dr. Brian Thompson**

2003

***Dr. Brian Thompson will assist in reviewing the documents that will be submitted by the DOE in response to the agreements reached at the August 2001 NRC/DOE Technical Exchange. Some of the example document topical areas are (i) DOE TSPA Methods and Assumptions, (ii) Enhanced FEPs Plan, (iii) Confidence Building Strategy, and (iv) Model Confidence Building. The review will be focused on identifying vulnerable areas with respect to the NRC/DOE agreements. Dr. Thompson will also assist in the NRC IPA effort to identify any loopholes in the CNWRA/NRC models/software that will be needed for implementing acceptance criteria for reviewing a potential license application for the proposed Yucca Mountain repository.***