

## **Technical Review Board Memorandum**

**Date:** May 3, 2018

**Issue:** TRB Review of Seismic Risk Assessments (SRAs)

**To:** Technical Review Board Members

### **Discussion:**

The goal of a TRB review of an SRA is to provide reasonable assurance that the Seismic Risk Assessments have been consistently completed in accordance with the principles of SRG3 and the Assessor User Guide. The review primarily relies on the reviewer's experience and judgement.

The review is not a design check. Calculations and site visits are not required. In some instances, communication with the assessor or a brief review of drawings provided by the assessor may be helpful.

Specific steps, include:

- Ensure the SRA documentation is complete
- Review the block description in conjunction with the photos and key plan.  
Is the description sufficient to understand the nature of the block construction?
- Based on the block construction and your experience does the governing block element appear to be an appropriate element for which to judge block risk?
- Review the stated analyzer parameters for the governing block element.
- Review descriptions of secondary risk elements.
- Review the SRA Summary for completeness and consistency with the rest of the document with particular attention to the Block Risk.
- If the document is incomplete, needs clarification or there is disagreement on the Block Risk, communicate with Assessor to revise the SRA as necessary, come to reasonable agreement on the Block Risk and select 'acceptance' of the report.
- If agreement cannot be reached which should be rare, select the non-acceptance. The TRBSC will review and adjudicate.