

**REQUEST FOR ADDITIONAL INFORMATION – VOLUME 4,
CHAPTER 2.5.1, 2nd SET REVISED
(DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 5.1)**

The following questions are related to Title 10 of the Code of Federal Regulations (10 CFR) Part 63, specifically, 10 CFR 63.112 and 63.114.

For each Safety Analysis Report (SAR) Section identified below, provide a list of the data that are both used in support of the License Application and were qualified using any of the five qualification methods described in Subsection III.2.4C of the Quality Assurance Requirements and Description (QARD). (10 CFR 63.142(a); NUREG–1298)

- SAR Section 1.1.5, Site Geology and Seismology
- SAR Section 2.3.1, Climate and Infiltration
- SAR Section 2.3.5, In-Drift Physical and Chemical Environment
- SAR Section 2.3.6, Waste Package and Drip Shield Corrosion
- SAR Section 2.3.9, Saturated Zone Flow and Transport

For each data set listed, provide the following information:

1. The data identification number,
2. A brief description of the data,
3. The SAR Sections where the data are used,
4. The qualification method used (described in QARD Section III.2.4C),
5. The identification number of the implementing document (required by QARD Section 5.0) that was followed,
6. The identification number of the documentation of the technical correctness determination (required by QARD Section III.2.4D), and
7. The identification number of the documentation of the qualification basis (required by QARD Section III.2.4E)

Note: Similar information related to other SAR sections may be requested in the future.