

**REQUEST FOR ADDITIONAL INFORMATION**  
**Volume 4, Chapter 2.5.8, Controls to Restrict Access and Regulate Land Uses, 1<sup>st</sup> Set**  
**(Department of Energy's Safety Analysis Report Section 5.8)**

**Subject: Water Rights**

RAIs 1 through 4 pertain to DOE's information concerning water rights. The requested additional information is needed to verify compliance with 10 CFR 63.121(d).

**RAI #1:** Provide the value for the maximum amount of water needed in any year to accomplish the purpose of the geologic repository operations area, for both construction and operations, specifically in reference to the discussion in SAR Section 5.8.4, and Repository Supplemental EIS Section 4.1.3.2.3 and Table 4.6.

**RAI #2:** Describe the basis for the value of the maximum amount of water needed in any year to accomplish the purpose of the geologic repository operations area, for both construction and operations.

**RAI #3:** Provide specific information on the approach and basis to obtain water rights as may be needed to accomplish the purpose of the geologic repository operations area (including status of beneficial use request of well VH-1; status on the appeals for decision on the 5 other wells; timetable for resolution on the request for beneficial use and the appeal; or documentation that DOE has otherwise obtained such water rights).

**RAI #4:** Describe how DOE intends to comply with 10 CFR 63.121(d)(2), i.e., any water rights that may be included under additional controls for permanent closure.

**Subject: Ownership of Land and Control**

RAI 5 pertains to DOE's information concerning ownership of land. The requested additional information is needed to verify compliance with 10 CFR 63.121(a-c).

**RAI #5:** Provide a specific description of the boundaries of the entire geologic repository operations area at a level of detail appropriate for records associated with land ownership.

**Subject: Additional Controls through Permanent Closure**

RAIs 6 through 8 pertain to DOE's information concerning controls through permanent closure. The requested additional information is needed to verify compliance with 10 CFR 63.121(c).

**RAI #6:** Provide a specific description of the boundaries of the preclosure controlled area at a level a detail appropriate for use with other land records.

**RAI #7:** Clarify the ownership and acreage of Patent 27-83-0002, relative to the statements in SAR Section 5.8.2.2.1, and in the Answer of the U.S. Department of Energy to the State of Nevada's Petition to Intervene, dated January 16, 2009, Footnote 119 (at 1753).

**RAI #8:** Clarify the land ownership boundary inconsistencies as described in SAR Section 5.8.2.2.1 and in Figure 5.8-1, compared to that depicted in Figure 5.8-2.

**Subject: Additional Controls for Permanent Closure**

RAIs 9 and 10 pertain to DOE's information concerning controls for permanent closure. The requested additional information is needed to verify compliance with 10 CFR 63.121(b).

**RAI #9:** Provide a specific description of the boundaries of the postclosure controlled area at a level a detail appropriate for use with other land records.

**RAI #10:** Clarify the purpose of the postclosure access control program identified in SAR Section 5.8.3. Specifically, clarify: (1) if the program is part of the controls intended to address either the additional controls for preclosure in 10 CFR 63.121(c) or the additional controls for permanent closure in 10 CFR 63.121(b); (2) if the program is associated with either a license amendment to receive and possess as described in 10 CFR 63.43(b)(5) or a license amendment for permanent closure as described in 10 CFR 63.51(a)(3)(iii); and (3) when does DOE intend to implement this program.