

Licensing Support Network
Advisory Review Panel Meeting

State of Nevada Perspective

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Importance of the LSN

- The LSN and any LSN substitute serve the important purpose of allowing the public to stay informed about Yucca Mountain.
- The principle objective of the LSN and any LSN substitute is to provide an electronic discovery tool that will serve the needs of the participants in the Yucca Mountain licensing proceeding.
- This is especially important to the State of Nevada.
- Nevada will need to support and defend over 200 contentions, probably under strict deadlines, and Nevada will suffer the most if the LSN or LSN substitute performs poorly.

LSNARP and Determination of “Users’ Needs”

- The LSNARP was established under the Federal Advisory Committee Act (FACA) and, as required by FACA, operates under an NRC approved Charter that specifies LSNARP’s objectives.
- LSNARP Charter: LSNARP’s “primary focus” is “technical issues relating to the operation and maintenance of the LSN and continuing assessments as to how and whether the LSN is performing its intended function and serving users’ needs.”
- Therefore determining the “users’ needs” is critical.
- The “users’ needs” (especially the needs of the nineteen participants) can only be determined through their active participation in the advisory committee process and in subsequent rule making.
- All nineteen participants must be involved, especially at early stages when criteria for architecture selection are developed and architecture options are put forward.

LSNARP & Current Constrained Circumstances

- With the proceeding suspended for over six years, prospects for resumption unclear at best, and no new federal funding for parties and participants in the current fiscal year, it is not reasonable to expect the kind of participant involvement that is required.
- The Commission has recognized that participants' funding limitations must be taken into account in deciding how to move forward (CLI-13-08, 78 NRC 219, 233 (2013)).
- To move forward with this advisory committee process all LSNARP members will need adequate resources so that they can participate effectively, especially in formulating criteria for architecture selection and then putting options forward for further consideration.

Nevada Expectation for This LSNARP Meeting

- Nevada understands that the LSNARP Chair Dr. Bates, representatives of the Atomic Safety and Licensing Board Panel, and other NRC staff, are and will in the future be constrained by Commission directives.
- Nevertheless, Nevada wishes to state, for the record, that, while it is participating in this LSNARP meeting, Nevada objects to any process whereby an inadequately funded LSNARP would be asked to provide final advice after only this one meeting.
- Nevada suggests that the proper deliverable from this meeting cannot be final opinions and options to the ASLBP.
- Nevada suggests the deliverable (if any) should be a path forward for facilitating effective participation in future LSNARP meetings and obtaining LSNARP advice that reflects all of the users' needs.

Nevada's View of User Needs

Guidance for Database Management System Design

- Database management software should be designed with the end-user in mind.
- Not all end-users will access a database for the same purpose or use it the same way.
- DBMS designers should be aware of the functions various end-users will need in order to accomplish their tasks.
- A listing of desired attributes for end-users, based on Nevada's experience in the Yucca Mountain licensing proceeding, is provided in the following slides.

Nevada's View of User Needs - 2

Desired Attributes in a Database Management System

- Rapid speed for access, search, filter, view and download
- Centralized search capability – single portal access to the entire library
- Accessible to users via the web
- Accessible via popular web browsers (not just Internet Explorer)
- Equal access by agencies, participants, and interested members of the public
- Stable collection of documents/headers

Nevada's View of User Needs - 3

Desired Attributes in a Database Management System, cont.

- Transparent process for adding, revising and deleting documents (deleting is rare)
- New versions of documents already in the database are added; they do not replace existing versions of documents; documents with marginalia are treated as new versions
- Search templates with logical search properties (*i.e.*, date, title, LSN#, P/A#, type)
- Content search of documents (entire document, not limited to page or line breaks)
- Search items are highlighted in the search results list
- Search template disappears to reveal search results and does not have to be hidden

Nevada's View of User Needs - 4

Desired Attributes in a Database Management System, cont.

- Ability to narrow and filter search results
- Ability to set number of documents displayed per search page
- Display header/bibliographic information with each document listed in search results
- Ability to scroll through pages of search results rapidly or page jump as needed
- Print search results (one-click printing, not the copy and paste work around)
- View the actual document without having to download it first
- Easy and rapid download of documents