

Form Regarding Database Sizing and Current Capabilities

(Respondents are requested to provide answers to all questions relevant to their participation in the Yucca Mountain adjudication.)

1. If the Yucca Mountain adjudication should be re-instituted, do you plan to participate?

(yes) (no)

COMMENTS:

2. If your response to Question 1 is "yes," consistent with the dictates of 10 C.F.R. Part 2, Subpart J, do you have, or anticipate having, additional documentary material, as defined in Subpart J, to be added to a reconstituted or replacement LSN?

(yes) (no)

COMMENTS:

3. If your response to Question 2 is "yes," please select one of the ranges listed below to indicate a **rough** estimate of the volume of the additional documentary material (including header-only documents) that you would anticipate providing for availability to other participants in the Yucca Mountain adjudication.

- A. less than 100 items of documentary material
- B. between 100 and 500 items of documentary material
- C. between 500 and 1000 items of documentary material
- D. more than 1000 items of documentary material
(If your answer is "D," also indicate the estimated number to the nearest 1000 below)

"D" Estimate: TBD _____ documents.

Please note that consistent with the format for submission of LSN documents to the Office of the Secretary (SECY) at the time of the LSN's operational termination in 2011, it is anticipated that documentary material generally would need to be submitted/made available in .pdf format.

COMMENTS: The Department of Energy ("Department") is unable to provide a reasonable estimate of the volume of additional documentary material to be added to an LSN. The volume of documentary material depends, in large part, on additional work that the Department will conduct concerning its License Application and the number and subject of contentions that the Department will be required to address.

4. What percentage of the documentary material rough estimate provided in question 3 is header-only material?

Header-only material: 9 percent

COMMENTS: The Department's estimate provided in response to this Question 4 is based on and consistent with the volume of header-only material that the Department generated and made available prior to the suspension of the License Application. The Department previously provided this approximation in a response submitted to the Atomic Safety and Licensing Board CAB-4 on May 24, 2010.

5. In conjunction with the operational termination of the LSN in 2011, Construction Authorization Board-4 (CAB-4) ordered that, in addition to providing copies to SECY, all Yucca Mountain adjudication participants should preserve their existing LSN collections. In the interim, have you preserved your entire LSN collection, including header information, as it existed at the time the adjudication was suspended so that it potentially could be made accessible to other Yucca Mountain adjudication participants via the LSN or a replacement system/process if the proceeding were to be reinstated?

 (yes)

 X (no)

(If no, please indicate in the Comments section below what portion of your 2011 document collection, including associated headers, is available and potentially could be made accessible to other Yucca Mountain adjudication participants.)

COMMENTS:

The Department has preserved its entire LSN collection. However, that collection is no longer maintained on a public webserver as it was at the time the adjudication was suspended. Rather, the Department's LSN collection is maintained on locally-stored servers that are inaccessible to public access.

6. Under 10 C.F.R. Part 2, Subpart J, each participant in the Yucca Mountain adjudication discovery process is required (separately or in conjunction with others) to make its documentary material and the associated headers available on a public webserver for periodic indexing by the LSN's indexing software. Do you currently have the capability to make your documentary material collection described in Question 4 above available for such indexing?

 (yes)

 X (no)

COMMENTS: As indicated in response to Question 5, the Department has preserved its entire LSN collection, including header information. As a result of suspension of the License Application, the Department took its public webserver offline and no longer maintains or has the capability to maintain a public webserver that will permit indexing of the Department's LSN collection.

7. If your response to Question 5 is "yes,"
- a. Is the public webserver configured as discussed in LSN Guideline 22 (ADAMS Accession No. ML050540065)?
 (yes) (no)
 - b. Do you still have in operation your repository "fetch" server as discussed in LSN Guideline 22?
 (yes) (no)
 - c. Are your documentary material/headers stored in the suggested file system structure found in LSN Guideline 22?
 (yes) (no)

COMMENTS: Not applicable.

8. If your response to Question 5 is "no," in the Comments section below:
- a. Describe the type of media on which your documentary material/headers are stored.
 - b. Provide an estimate of how long would be required to make your documentary material/headers readily available on servers configured as discussed in LSN Guideline 22.

COMMENTS:

As indicated in response to Question 5, the Department maintains its LSN collection on locally-stored servers that are inaccessible to the public. The Department currently has no plans to restore its LSN collection on a public webserver created, maintained, or hosted by the Department. Furthermore, the Department is unable to provide a time estimate for creating a public webserver and making its LSN collection available on such a server. The Department's LSN collection, as it existed at the time of suspension, is currently available on ADAMS LSN that is currently hosted by the Nuclear Regulatory Commission. The Department anticipates that any existing materials that have not been made available, but that are required to be made available on an LSN under Subpart J, could be made available to the NRC for publication on ADAMS LSN within 60 days following a decision to utilize ADAMS LSN. Similarly, the Department estimates that any materials created prospectively that are required to be made available on an LSN under Subpart J could be made available to the NRC for publication on ADAMS LSN within 60 days following creation of the materials.

9. Has the header information associated with your documentary material remained unchanged since it was submitted to SECY in 2011?

(yes)

(no)

(If no, please indicate in the Comments section below how many headers have changed and why.)

COMMENTS:

10. Are there any other issues regarding database sizing and current capabilities (other than those stated in the preceding "COMMENTS" areas) that need to be addressed at this time in preparation for the LSNARP meeting cited in Dr. Bates' August 11, 2017 memorandum?

No.

11. Please provide the following information regarding completion of this form:

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