

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?

 X (yes) (no)

COMMENTS:

Assuming funds are appropriated and the Commission directs resumption of the Yucca Mountain adjudication, the NRC staff plans to participate.

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?

 X (yes) (no)

COMMENTS:

Assuming the Commission directs the resumption of the Yucca Mountain adjudication and there is a reconstituted or replacement LSN, the NRC staff anticipates having additional documentary material, as currently defined in Subpart J.

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. X more than 1000 items of documentary material
 (If your answer is "D," also indicate the estimated number to the nearest 1000 below)

"D" Estimate: 1000-2000 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:

While the NRC staff is providing a rough estimate range for potential additional documentary material, the NRC staff notes that given the significant uncertainties related to the resumption of the Yucca Mountain adjudication, including for example, the timing

and schedule of the proceeding, this is a rough estimate based on significant uncertainties and accordingly, is subject to change.

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

Header-only material: ~1% percent

COMMENTS:

Currently, approximately 1% of NRC staff's documentary material is header-only material. Although it is difficult to provide a rough estimate percentage given the significant uncertainties referenced above, at this time, the NRC staff would estimate about the same percentage of potential additional header-only material.

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 reinstituted?

X (yes)

___ (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:

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?

X (yes)

___ (no)

COMMENTS:

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)

X (no)

- b. Do you still have in operation your repository "fetch" server as discussed in LSN Guideline 22?

___ (yes) X (no)

- c. Are your documentary material/headers stored in the suggested file system structure found in LSN Guideline 22?

___ (yes) X (no)

COMMENTS:

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.

N/A

- 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.

N/A

COMMENTS:

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

___ (yes) X (no)

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

COMMENTS:

Consistent with CAB-4's June 9, 2011, Order (Granting in Part and Denying in Part Reconsideration Motion), the NRC staff did not submit its LSN collection to SECY in 2011 because at that time its collection already resided in ADAMS. However, when the NRC staff's LSN document collection was moved into the public ADAMS LSN Library, as described in SECY-16-0091, "Making Licensing Support Network Documents Publicly Available," a handful of anomalies were identified during the indexing process. As a result, explanatory notes were added to a small number of NRC staff document header

comment fields in the ADAMS LSN Library. A list of the impacted documents and headers is available in Enclosure B to SECY-16-0091.

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?

None that the NRC staff is aware of at this time.

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

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