

June 27, 2003

TO: Members of the Licensing Support Network Advisory Review Panel

FROM: Daniel J. Graser */RA/*
Licensing Support Network Administrator

RE: Request for Updated Information for Planning for LSN Sizing

In 1999, a survey was submitted to all known potential parties to the licensing proceeding for a high-level radioactive waste (HLW) repository at Yucca Mountain, Nevada, requesting information on Licensing Support Network (LSN) participation. Attachment 1 to this letter is a summary of the responses to that survey as presented to the LSN Advisory Review Panel (LSNARP) at its October 13, 1999, meeting. These estimates were used to size the LSN portal server and software which were subsequently developed by NRC and operationally made available on October 18, 2001. Based on the 1999 information, the current LSN portal configuration was sized to a high-end maximum volume of 15 million pages.

As we get closer to the point in time when NRC must have the LSN operational, it has become apparent that the LSN database sizing assumptions could be exceeded, thereby introducing a constraint on the parties' ability to comply with the requirements of 10 C.F.R. Part 2, Subpart J, in a timely manner. In this regard, as was discussed at the June 3, 2003 LSNARP meeting, the Department of Energy has revised its 1999 estimate of 10,000 documents comprising 100,000 pages to a new figure of 3,000,000-4,000,000 million documents comprising 27,500,000-36,500,000 pages. As a consequence, we ask you to review your 1999 survey answers and use the new questionnaire (Attachment 2) to provide us with any revisions, as appropriate, based on your current planning basis for LSN document availability. Obviously, the question regarding document volume is important. Additionally, we have added a question concerning the approximate date when you intend to start making your document collection available to the LSN for "spidering" so that it can be made available on the system. In this regard, you should bear in mind (1) the estimated DOE license application submission date of December 2004; (2) the certification requirements applicable to all parties and potential parties under 10 C.F.R. § 2.1003(a) that are associated with that date; and (3) the fact the LSN crawler currently has a capacity of approximately 100,000 documents per week total for all participants that wish to add information to the LSN.

I am certain that you can appreciate the importance of thoughtful advance planning and accurate information to ensuring the LSN fulfills its mission of facilitating the availability of discovery documentary material related to the HLW repository licensing proceeding. As we are in the early stages of planning and assessment for a technology refreshment cycle for the LSN platform and software, and currently active in budget formulation for Fiscal Years 2004 through 2006, a response no later than Friday, July 18, 2003, would be greatly appreciated.

If you have any questions, please contact Mr. Matthew Schmit at 301-415-7469 or via e-mail at MRS3@nrc.gov. Your updated information may be provided by using Attachment 2 (or a facsimile of it), and may be sent to me via e-mail at DJG2@nrc.gov or may be mailed to my attention at:

U.S. Nuclear Regulatory Commission
Atomic Safety & Licensing Board Panel
Mail Stop T-3 F23
Washington, DC 20555-0001

Once again, thank you for your assistance in our planning efforts. We will be following up this electronic communication with a paper record.

Sincerely,

/RA/

Daniel J. Graser
Licensing Support Network Administrator

Attachment

cc:

A. Bates, SECY
M. Schmit, ASLBP
G.P. Bollwerk, ASLBP
J. Ziegler, U.S. Department of Energy

DISTRIBUTION:

John Linehan, NRC
Steve Frishman, State of Nevada
Malachy Murphy, Nye County
Engelbrecht von Tiesenhausen, Clark County
Alan Kalt, Churchill County
George McCorkell, Esmeralda County
Abby Johnson, Eureka County
Andrew Remus, Inyo County
Rex Massey, RCS, Lander County
Eve Culverwell, Lincoln County
Judy Shankle, Mineral County
Mal Murphy, Nye County
Josie Larson, White Pine County
Jimmie Pegues, City of Las Vegas
Robert I. Holden, National Congress of American Indians
Judy Treichel, Nevada Nuclear Waste Task Force
Steven P. Kraft, Nuclear Energy Institute
Ray Clark, U.S. Environmental Protection Agency

Victoria Reich, Nuclear Waste Technical Review Board

Attachment 1

PRELIMINARY INFORMATION REGARDING LSN PARTICIPATION

September 27, 1999

The following organizations have responded to the NRC request for preliminary information on LSN participation:

- | | | |
|----|---|-------------------|
| A. | Eureka County, NV | Abby Johnson |
| B. | Lincoln County Nuclear Oversight | Yvonne Culverwell |
| C. | Nevada Agency for Nuclear Projects | Steve Frishman |
| D. | Nevada Nuclear Waste Task Force | Judy Treichel |
| E. | Nye County, NV | Malachy Murphy |
| F. | U.S. Department of Energy | Claudia Newbury |
| G. | White Pine Nuclear Waste Project Office | Debra Kolkman |
| H. | Clark County, NV | Dennis Bechtel |
| I. | U.S. Nuclear Regulatory Commission | Dan Graser |

Questions	A	B	C	D	E	F	G	H	I
1. Will you participate in the LSN process?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2. Do you currently operate your own website?	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
3. Do you operate a website jointly with others?	No	Yes	No	No	No ¹	No	Yes ²	Yes	No
4. If not, are you planning to start a website?	N/A	N/A	N/A	Yes	N/A	N/A	N/A	N/A	N/A

¹ Nye County has offered to host a joint website for other local governments. No decisions have been made on this issue.

² www.aulg.org or the affected units of local government central jump point.

5. How do you anticipate access to your material? a. Publish on existing website b. Develop a dedicated website c. Participate in a group/coalition website d. Other	a ³	a	a	d	a	b	a	a	a
6. If Other, estimate volume of documentary material	N/A	N/A	N/A	>500	N/A	N/A	N/A	N/A	N/A
7. Please provide technical characteristics of your existing or planned website	⁴		⁵		⁶			⁷	⁸
a. Hosting platform operating system:		Windows 9x, NT and Unix			RJX 2.11	Ultra Solaris 2.6	Windows 9x, NT and Unix	NT and Unix	Windows SQL Server
b. Hosting platform web server software:		MS, Unix, MS IIS			AOL	Stronghold (tentative)	MS, Unix, MS IIS	IIS 4	FileNet IDM with CITRIX access
c. Search/index software:		Asp, MS Access			TBD	Fulcrum (tentative)	Asp, MS Access	Infoseek Exite	FileNet (SQL based) and Fulcrum (Text)
d. Net bandwidth to site from Internet:		T3			3GB/month	?	T3		11.5 MB
e. Gross bandwidth to site from Internet:		T3			3GB max	TBD	T3	T1 1.5 MB/Sec	7 MB
f. Est. aggregate storage used (MB):		>1Gig			75 MB	TBD	>1 Gig		1750 Gig

³ Possible collaboration with other affected units of local government (AULGs).

⁴ Our website does not have a search engine. Documents will be posted on the website in html and other downloadable formats, e.g., text and PDF.

⁵ NV is changing computer systems and website server this year so current specifications are not relevant.

⁶ Looking for an ISP located in Nye County, so this information will probably change in the near future.

⁷ Currently have partial search capability. We are working on implementation.

⁸ Dedicated external server contains all NRC publicly available documents; a separate library of HLW documents will be identified; documents are TIFF or PDF and native word processing format or ascii; full search capabilities provided at the server.

g. Est. number of documents (nearest 1000):		1000			1000	10000	1000		16000
h. Est. number of web pages (nearest 1000):		10000			1000	100000	10000		193000
i. List document and image types:	html	html text, GIF, PDF			html, text GIF PDF, TIFF	html, PDF, TIFF	html, text GIG, PDF	html, GIF, PDF	TIFF, PDF, native word processing , ascii

Attachment 2

JULY 2003 UPDATE INFORMATION REGARDING LSN PARTICIPATION

1. Will you participate in the LSN process? Yes___ No___ Uncertain___

2. Do you currently operate your own website? Yes___ No___

3. Do you operate a website jointly with others? Yes___ No___

4. If not, are you planning to start a website? Yes___ No___

5. How do you anticipate access to your material? (check one)

- a. Publish on existing website _____
- b. Develop a dedicated website _____
- c. Participate in a group/coalition website _____
- d. Other (please explain) _____

6. If Other, estimate volume of documentary material in both documents and pages

7. Please provide technical characteristics of your existing or planned website

- a. Hosting platform operating system: _____
- b. Hosting platform web server software: _____
- c. Search/index software (if used): _____
- d. Net bandwidth to site from Internet: _____
- e. Gross bandwidth to site from Internet: _____
- f. Est. aggregate storage used (MB): _____
- g. Est. number of documents (to nearest 1000): _____
- h. Est. number of web pages (to nearest 1000): _____
- i. List document and image format types: _____

8. When do you expect to begin making documents available to be indexed by the LSN?
