

May 24, 2010

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
U.S. DEPARTMENT OF ENERGY	)	Docket No. 63-001-HLW
)	
(High-Level Waste Repository)	)	ASLBP No. 09-892-HLW-CAB04
)	

NRC STAFF ANSWERS TO
BOARD'S QUESTIONS REGARDING THE STAFF'S LSN COLLECTION

INTRODUCTION

On April 21, 2010, the Board ordered Lincoln County, NV, the U.S. Department of Energy (DOE), the Licensing Support Network Administrator (LSNA) and the NRC staff (Staff) to file answers to questions related to LSN preservation and archiving activities by May 24, 2010. Order (Questions for Several Parties and LSNA), April 21, 2010 (unpublished) (Order). The Staff answers to the Board's questions are set forth below.

BACKGROUND

On December 17, 2009, the LSNA filed a memorandum concerning potential impacts on the LSN should the DOE withdraw its license application for a proposed geologic repository at Yucca Mountain, Nevada. Memorandum from Daniel J. Graser, LSNA to Administrative Judges, Issues Regarding Funding for Continued Operation of the Licensing Support Network (Dec. 17, 2009) (LSNA Memorandum). On December 22, 2009, the Board directed the parties to prepare to discuss the issues raised in the LSNA Memorandum and encouraged parties to file written comments. Order (Concerning LSN Memorandum), dated December 22, 2009

(unpublished). The Board also directed parties not to take any actions that would prevent or hinder their ability to archive LSN documentary material in a readily accessible format. *Id.* at 2.

The Staff provided its comments in response to the LSNA's Memorandum on January 21, 2010. NRC Staff Comments Concerning LSNA Memorandum, dated January 21, 2010. The Staff explained that even if the LSN were suspended or terminated, items in the Staff's LSN collection would continue to be available in ADMAS. *Id.*

On January 27, 2010, the Board held a case management conference where the Board asked the Staff a number of questions including whether all documents in the Staff's LSN collection that are also in ADAMS include the WM-11 docket number, whether documents marked with the WM-11 docket number have been designated permanent agency records, and whether the Staff would commit to putting the LSN accession number in the ADAMS bibliographic header. *Tr.* at 355-56 (Jan. 27, 2010). The Staff indicated that it would have to confirm its answers to these questions. *Id.* On April 21, 2010, the Board issued its Order posing questions for several parties, including the Staff. *See* Order at Appendix B. The Board's April 21, 2010 Order asks questions similar to those posed to the Staff at the January 27, 2010 case management conference. *Compare id. with Tr.* at 355-56.

DISCUSSION

As directed by the Board, the Staff has separately responded to each question in Appendix B of the Order and numbered each answer to correspond to the question number. *See* Order at 2. The Staff answers are supported by the attached affidavits of Alicia J. Mullins, Ronald E. Deavers, Deborah Armentrout, and Margaret A. Janney. Attachment 1, Affidavit of Alicia J. Mullins in Response to Board Questions 1.1 and 1.2 in April 21, 2010 Order, dated May 24, 2010 (Mullins Affidavit); Attachment 2, Affidavit of Ronald E. Deavers in Response to Board Questions 1.3 and 2 in April 21, 2010 Order, dated May 24, 2010 (Deavers Affidavit);

Attachment 3, Affidavit of Deborah Armentrout in Response to Board Question 1.4 in April 21, 2010 Order, dated May 24, 2010 (Armentrout Affidavit); Attachment 4, Affidavit of Margaret A. Janney in Response to Board Question 1.5 in April 21, 2010 Order, dated May 21, 2010 (Janney Affidavit).

Question 1.1: Are all of the documents in the Staff's LSN collection also in ADAMS?

Answer: Yes, all documents in the Staff's LSN collection are also in ADAMS.

Mullins Affidavit at 1, ¶3. In order for a document to be published to the LSN, the document must be an official agency record in ADAMS.¹

Question 1.2: Do all of the documents in the NRC Staff's LSN document collection carry the WM-11 code that is the marker for LSN documents in ADAMS?

Answer: No, not all documents in the Staff's LSN document collection carry the WM-11 docket number. Mullins Affidavit at 2, ¶4. Before DOE submitted its license application for a geologic repository at Yucca Mountain, Nevada, the Staff used the WM-11 docket number for documents related to the disposal of high-level waste; this number does not identify documents that are included in the Staff's LSN collection. *Id.* After DOE submitted its license application, the Staff transitioned from the WM-11 to the 06300001 docket number, which is the docket number for the DOE license application. *See id.* However, during the transition, some documents were inadvertently published with both docket numbers. *Id.* Out of over 33,000

¹ "Official agency record" has the same meaning as "Federal Record" as defined in 44 U.S.C. § 3301. Management Directive 3.53, *NRC Records and Document Management Program*, Vol. 3 Part 2, at 22 (March 15, 2007).

documents in the Staff's LSN collection, approximately 200 documents include both docket numbers. *Id.*

Question 1.3: If not, will the Staff commit to marking with the WM-11 code, within a reasonable period of time, any documents in its LSN document collection that are not so marked?

Answer: The Staff believes it is not necessary to include the WM-11 identifier for items in the Staff's LSN collection that do not have that header. Deavers Affidavit at 1, ¶3. All source documents that comprise the Staff's LSN collection are stored in the ADAMS main library and have the dedicated bibliographic header field "HLW-LSN Status." *Id.* This field indicates that the document is in the Staff's LSN collection. *Id.* at 1-2, ¶3. In order to add the WM-11 identifier to documents that do not have this field, the Staff would need to manually manipulate each document, which is resource intensive and creates risk to the integrity of ADAMS records due to the potential for human error. *Id.* at 2, ¶3.

In the event a decision is made to decommission the LSN, the Staff could extract the LSN accession numbers for all NRC documents directly from the LSN. *Id.* The Staff could then generate an electronic list of all documents in the NRC LSN collection with their corresponding LSN accession number, ADAMS accession number, and title. *Id.* This list will allow NRC LSN documents to be located in the ADAMS main library using the cross-referenced ADAMS and LSN accession numbers. *Id.* This process will require significantly less resources than including the WM-11 identifier on documents in ADAMS and it will not risk the data integrity of ADAMS records. *Id.*

Question 1.4: Are the documents in ADAMS that are in the Staff's LSN document collection and marked with the WM-11 code designated as permanent agency records?

Answer: As discussed in more detail below in response to Question 1.5, an approved disposition for records associated with a withdrawn or cancelled High-Level Waste Disposal

application does not currently exist. See Armentrout Affidavit at 1, ¶4. It would be necessary to prepare and submit for approval an SF-115 for this records series, which would include the documents in ADAMS that are in the Staff's LSN document collection. See *id.* Therefore, these documents are not currently designated as permanent Federal records and are considered unscheduled records. *Id.* NARA regulations define unscheduled records as "Federal records whose final disposition has not been approved by NARA on a SF 115, Request for Records Disposition Authority. Such records must be treated as permanent until a final disposition is approved." *Id.* (quoting 36 C.F.R. § 1220.18).

Question 1.5: If not, does the Staff currently plan to seek to have such documents designated permanent agency records?

Answer: "Permanent record" is defined as "any Federal record that has been determined by NARA to have sufficient value to warrant its preservation in the National Archives of the United States, even while it remains in agency custody. Permanent records are those for which the disposition is permanent on SF-115, Request for Records Disposition Authority, approved by NARA on or after May 14, 1973. The term also includes all records accessioned by NARA into the National Archives of the United States." 36 C.F.R. § 1220.18.

The NRC does not have the authority to designate agency records as "permanent agency records." Rather, the National Archives and Records Administration (NARA) is the agency responsible for authorizing the disposition of Federal Records as either "permanent" or "temporary" with destruction after a period of time, as defined in 36 C.F.R. § 1220.18. Janney Affidavit at 1, ¶4. The SF-115, Request for Records Disposition Authority, is used by the NRC Records and Archives Services Section (RASS) Staff to request authority to schedule agency records, including a proposed disposition for the records. *Id.* Before an NRC record can be designated as a permanent Federal record or before an unscheduled record can be disposed

of, the NRC must submit an SF-115 request and receive approval from NARA for disposition. *Id.*

An approved disposition exists for "Docket Files for the Disposal of High-Level Radioactive Wastes in Geologic Repositories" as permanent records in the "NRC Comprehensive Records Disposition Schedule," NUREG-0910, Revision 4, dated March 2005, Part 17, Item 4. Janney Affidavit at 2, ¶5. An approved disposition for records associated with a withdrawn or cancelled High-Level Waste Disposal application does not currently exist. *Id.* at 2, ¶6. Accordingly, the Staff does not have an approved disposition schedule to follow for documents in the Staff's LSN collection in the event DOE's license application for a proposed geologic repository at Yucca Mountain, Nevada is withdrawn. *Id.* at 2, ¶6. It would be necessary to prepare and submit for approval an SF-115 for this records series, which would include the documents in ADAMS that are in the Staff's LSN document collection, before they can be designated as permanent or scheduled for disposition. *Id.* The Staff is currently considering its options for making such a request. *Id.*

Question 2: Although it is not required by the agency's record system, will the Staff commit to placing the LSN accession number somewhere in the ADAMS bibliographic header for the documents in its LSN collection?

Answer: The Staff believes it is not necessary to include the LSN accession number in the ADAMS bibliographic header of documents in its LSN document collection. Deavers Affidavit at 2, ¶4. As discussed above in response to Question 1.3, all source documents that comprise the Staff's LSN collection are also stored in the ADAMS main library and have the dedicated bibliographic header field "HLW-LSN Status." *Id.* This field indicates whether the document is in the Staff's LSN collection. *Id.* The LSN accession number is not captured in the ADAMS bibliographic header because the LSN accession number is not generated until a document is added to the LSN. *Id.* The LSN accession number is stored in the internet web

server which the NRC separately established and maintains for its LSN collection. *Id.* The NRC's web server is located outside the NRC firewall and is publicly accessible via the LSN interface. *Id.* In order to place the LSN accession number somewhere in the ADAMS bibliographic header, each document will have to be manually manipulated, which is resource intensive and creates risk to the integrity of ADAMS records due to the potential for human error. *Id.*

In the event a decision is made to decommission the LSN, the Staff could extract the LSN accession numbers for all NRC documents directly from the LSN and generate an electronic list of all documents in the NRC LSN collection and their corresponding LSN accession number, ADAMS accession number, and title. Deavers Affidavit at 3, ¶4. This list will allow NRC LSN documents to be located in the ADAMS main library using the cross-referenced ADAMS and LSN accession numbers and will require significantly less resources than adding the LSN accession number in the bibliographic header manually. *Id.*

In addition, it will avoid the risk to data integrity from manually manipulating the bibliographic header. *Id.*

Respectfully submitted,

/Signed (electronically) by/

Jessica A. Bielecki
Counsel for NRC Staff
U.S. Nuclear Regulatory Commission
Mail Stop O-15-D21
Washington, DC 20555-0001
(301) 415-1391
jessica.bielecki@nrc.gov

/Executed in accord with 10 C.F.R. § 2.304(d)/

Daniel W. Lenehan
Counsel for NRC Staff
U.S. Nuclear Regulatory Commission
Mail Stop O-15-D21
Washington, DC 20555-0001
(301) 415-3501
dwl2@nrc.gov

Dated at Rockville, Maryland
this 24th day of May, 2010

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
U.S. DEPARTMENT OF ENERGY	)	Docket No. 63-001-HLW
)	
(High-Level Waste Repository)	)	ASLBP No. 09-892-HLW-CAB04
)	

AFFIDAVIT OF ALICIA J. MULLINS IN RESPONSE TO
BOARD QUESTIONS 1.1 AND 1.2 IN APRIL 21, 2010 ORDER

I, Alicia J. Mullins, do hereby state as follows:

1. I am employed as a project manager, Project Management Branch B, Licensing and Inspection Directorate, Division of High-Level Waste Repository Safety, Office of Nuclear Material Safety and Safeguards. As part of my duties, I am responsible for the administration of the NRC staff (Staff) Licensing Support Network (LSN) supplementation and certification activities. My official title is the Licensing Support Network Project Manager.

2. The purpose of this affidavit is to respond to Questions 1.1 and 1.2 in Appendix B of the Board's April 21, 2010 Order. Order (Questions for Several Parties and LSNA), dated April 21, 2010 (unpublished). I have made a reasonable investigation in good faith and, to the best of my knowledge, information, and belief, the statements made herein are true.

3. In question 1.1, the Board asked, "Are all of the documents in the Staff's LSN collection also in ADAMS?" Yes, all documents in the Staff's LSN collection are also in ADAMS. In order for a document to be published to the LSN, the document must be an official agency record in ADAMS.

4. In question 1.2, the Board asked, "Do all documents in the NRC Staff's LSN document collection carry the WM-11 code that is the marker for LSN documents in ADAMS?" Not all of the documents in the Staff's LSN document collection carry the WM-11 docket number. Before DOE submitted its license application for a geologic repository at Yucca Mountain, Nevada, the Staff used the WM-11 docket number for documents related to the disposal of high-level waste; this number does not identify documents that are included in the Staff's LSN collection. After DOE submitted its license application, the Staff transitioned from the WM-11 docket number to the 06300001 docket number, the docket for the DOE license application. However, during the transition, some documents were inadvertently published with both docket numbers. Out of over 33,000 documents in the Staff's LSN collection, approximately 200 documents include both docket numbers.

5. Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing statements are true and correct.

/RA/

Alicia J. Mullins
Licensing Support Network Project Manager
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety and Safeguards
U. S. Nuclear Regulatory Commission

Executed in Frederick, Maryland
this 24th day of May, 2010

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
U.S. DEPARTMENT OF ENERGY	)	Docket No. 63-001-HLW
)	
(High-Level Waste Repository)	)	ASLBP No. 09-892-HLW-CAB04
)	

AFFIDAVIT OF RONALD E. DEEVERS IN RESPONSE TO
BOARD QUESTIONS 1.3 AND 2 IN APRIL 21, 2010 ORDER

I, Ronald E. Deavers, do hereby state as follows:

1. I am employed as a project manager, Business Process and Project Management Branch, Business Process Improvement and Applications Division, Office of Information Services. As part of my duties, I am responsible for providing information technology support to assist in maintaining the NRC staff (Staff) Licensing Support Network (LSN) document collection.

2. The purpose of this affidavit is to respond to Questions 1.3 and 2 in Appendix B of the Board's April 21, 2010 Order. Order (Questions for Several Parties and LSNA), dated April 21, 2010 (unpublished). I have made a reasonable investigation in good faith and, to the best of my knowledge, information, and belief, the statements made herein are true.

3. Board Question 1.3 states, if all documents in the NRC Staff's LSN document collection do not carry the WM-11 code, "will the Staff commit to marking with the WM-11 code, within a reasonable period of time, any documents in its LSN document collection that are not so marked?"

The Staff believes it is not necessary to include the WM-11 identifier for items in the Staff's LSN collection that do not have that header. All source documents that comprise the Staff's LSN collection are stored in the ADAMS main library and have the dedicated bibliographic header field "HLW-LSN Status." This field indicates whether the document is in the Staff's LSN

collection. In order to add the WM-11 identifier to documents that do not have this field, the Staff would need to manually manipulate each document, which is resource intensive and creates risk to the integrity of ADAMS records due to the potential for human error.

In the event a decision is made to decommission the LSN, the Staff could extract the LSN accession numbers for all NRC documents directly from the LSN. The Staff could then generate an electronic list of all NRC documents in the LSN with their corresponding LSN accession number, ADAMS accession number, and title. This list will allow NRC LSN documents to be located in the ADAMS main library using the cross-referenced ADAMS and LSN accession numbers. This process will require significantly less resources than including the WM-11 identifier on documents in ADAMS and it will not risk the data integrity of ADAMS records.

4. Board Question 2 states, "Although it is not required by the agency's record system, will the Staff commit to placing the LSN accession number somewhere in the ADAMS bibliographic header for the documents in its LSN collection?"

The Staff believes it is not necessary to include the LSN accession number in the ADAMS bibliographic header of documents in its LSN document collection. As discussed above in response to Question 1.3, all source documents that comprise the Staff's LSN collection are also stored in the ADAMS main library and have the dedicated bibliographic header field "HLW-LSN Status." This field indicates whether the document is in the Staff's LSN collection. The LSN accession number is not captured in the ADAMS bibliographic header because the LSN accession number is not generated until a document is added to the LSN. The LSN accession number is stored in the internet web server which the NRC separately established and maintains for its LSN collection. The NRC's web server is located outside the NRC firewall and is publicly accessible via the LSN interface. In order to place the LSN accession number somewhere in the ADAMS bibliographic header, each document will have to be manually manipulated, which is resource intensive and creates risk to the integrity of ADAMS records due to the potential for human error.

In the event a decision is made to decommission the LSN, the Staff could extract the LSN accession numbers for all NRC documents directly from the LSN and generate an electronic list of all documents in the NRC LSN collection and their corresponding LSN accession number, ADAMS accession number, and title. This list will allow NRC LSN documents to be located in the ADAMS main library using the cross-referenced ADAMS and LSN accession numbers and will require significantly less resources than adding the LSN accession number in the bibliographic header manually. In addition, it will avoid the risk to data integrity from manually manipulating the bibliographic header.

5. Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing statements are true and correct.

/RA/

Ronald E. Deavers
Project Manager
Business Process and Project Management Branch
Business Process Improvement and Applications Division
Office of Information Services
U.S. Nuclear Regulatory Commission

Executed in Rockville, Maryland
this 24th day of May, 2010

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
U.S. DEPARTMENT OF ENERGY	)	Docket No. 63-001-HLW
)	
(High-Level Waste Repository)	)	ASLBP No. 09-892-HLW-CAB04
)	

AFFIDAVIT OF DEBORAH ARMENTROUT
IN RESPONSE TO BOARD QUESTION 1.4 IN APRIL 21, 2010 ORDER

I, Deborah Armentrout, do hereby state as follows:

1. I am employed as the Records Officer for the Nuclear Regulatory Commission and the Chief of the Records and Archives Services Section in the Information and Records Services Division in the Office of Information Services. My official duties are described in Management Directive 3.53, *NRC Records and Document Management Program*, Vol. 3 Part 2, pages 5-6 (March 15, 2007). These duties include, among other things, the responsibility to identify, develop and periodically review record keeping requirements for records of all agency activities.

2. The purpose of this affidavit is to respond to Question 1.4 in Appendix B of the Board's April 21, 2010 Order. Order (Questions for Several Parties and LSNA), dated April 21, 2010 (unpublished). I have made a reasonable investigation in good faith and, to the best of my knowledge, information, and belief, the statements made herein are true.

3. Question 1.4 states: "Are the documents in ADAMS that are in the Staff's LSN document collection and marked with the WM-11 code designated as permanent agency records?"

4. An approved disposition for records associated with a withdrawn or cancelled High-Level Waste Disposal application does not currently exist. It would be necessary to

prepare and submit for approval an SF-115 for this records series, which would include the documents in ADAMS that are in the Staff's LSN document collection. Therefore, these documents are not currently designated as permanent Federal records and are considered unscheduled records. NARA regulations define unscheduled records as "Federal records whose final disposition has not been approved by NARA on a SF 115, Request for Records Disposition Authority. Such records must be treated as permanent until a final disposition is approved." 36 C.F.R. § 1220.18.

5. Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing statements are true and correct.

/RA/

Deborah Armentrout
Records Officer, Nuclear Regulatory Commission
Chief, Records and Archives Services Section
Information and Records Services Division
Office of Information Services

Executed in Rockville, Maryland
this 24th day of May, 2010

SF-115, Request for Records Disposition Authority, is used by the NRC Records and Archives Services Section (RASS) staff to request authority to schedule agency records, including a proposed disposition for the records. Before an NRC record can be designated as a permanent Federal record or before an unscheduled record can be disposed of, the NRC must submit an SF-115 request and receive approval from NARA for disposition.

5. An approved disposition exists for "Docket Files for the Disposal of High-Level Radioactive Wastes in Geologic Repositories" as permanent records in the "NRC Comprehensive Records Disposition Schedule," NUREG-0910, Revision 4, dated March 2005, Part 17, Item 4.

6. An approved disposition for records associated with a withdrawn or cancelled High-Level Waste Disposal application does not currently exist. It will be necessary to prepare and submit for approval an SF-115 for this records series, which will include the documents in ADAMS that are in the Staff's LSN document collection, before they can be designated as permanent or scheduled for disposition. The Staff is currently considering its options for making such a request.

7. Pursuant to 28 U.S.C. § 1746, I declare under penalties of perjury that the foregoing statements are true and correct to the best of my knowledge, information and belief.

/RA/

Margaret A. Janney, Deputy Director
Information and Records Services Division
Office of Information Services
U.S. Nuclear Regulatory Commission

Executed in Rockville, Maryland
this 21st day of May, 2010

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
U. S. DEPARTMENT OF ENERGY	)	Docket No. 63-001-HLW
)	
(High-Level Waste Repository)	)	ASLBP No. 09-892-HLW-CAB04
)	

CERTIFICATE OF SERVICE

I hereby certify that copies of the "NRC STAFF ANSWERS TO BOARD'S QUESTIONS REGARDING THE STAFF'S LSN COLLECTION" in the above-captioned proceeding have been served on the following persons this 24th day of May, 2010, by Electronic Information Exchange.

CAB 04

Thomas S. Moore, Chairman
Paul S. Ryerson
Richard E. Wardwell
Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001
E-mail: tsm2@nrc.gov
psr1@nrc.gov
rew@nrc.gov

Office of the Secretary
ATTN: Docketing and Service
Mail Stop: O-16C1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
E-mail: HEARINGDOCKET@nrc.gov

Office of Commission Appellate
Adjudication
ocaamail@nrc.gov

Charles J. Fitzpatrick, Esq.
John W. Lawrence, Esq.
Egan, Fitzpatrick, Malsch & Lawrence PLLC
12500 San Pedro Avenue, Suite 555
San Antonio, TX 78216
E-mail: cfitzpatrick@nuclearlawyer.com
jlawrence@nuclearlawyer.com

Martin G. Malsch, Esq.
Egan, Fitzpatrick & Malsch, PLLC
1750 K Street, N.W. Suite 350
Washington, D.C. 20006
E-mail: mmalsch@nuclearlawyer.com

Brian W. Hembacher, Esq.
Deputy Attorney General
California Attorney General's Office
300 South Spring Street
Los Angeles, CA 90013
E-mail: brian.hembacher@doj.ca.gov

Timothy E. Sullivan, Esq.
Deputy Attorney General
California Department of Justice
1515 Clay Street., 20th Flr.
P.O. Box 70550
Oakland, CA 94612-0550
E-mail: timothy.sullivan@doj.ca.gov

Kevin W. Bell, Esq.
Senior Staff Counsel
California Energy Commission
1516 9th Street
Sacramento, CA 95814
E-mail: kwbell@energy.state.ca.us

Bryce C. Loveland
Jennings Strouss & Salmon, PLC
8330 W. Sahara Avenue, Suite 290
Las Vegas, NV 89117-8949
Email: bloveland@jsslaw.com

Alan I. Robbins, Esq.
Debra D. Roby, Esq.
Jennings Strouss & Salmon, PLC
1350 I Street, NW Suite 810
Washington, D.C. 20005-3305
E-mail: arobbins@jsslaw.com
droby@jsslaw.com

Donald J. Silverman, Esq.
Thomas A. Schmutz, Esq.
Thomas C. Poindexter, Esq.
Paul J. Zaffuts, Esq.
Alex S. Polonsky, Esq.
Lewis Csedrik, Esq.
Raphael P. Kuyler, Esq.
Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, N.W.
Washington, DC 20004
E-mail: dsilverman@morganlewis.com
tschmutz@morganlewis.com
tpoindexter@morganlewis.com
pzaffuts@morganlewis.com
apolonsky@morganlewis.com
lcsedrik@morganlewis.com
rkuyler@morganlewis.com

Malachy R. Murphy, Esq.
18160 Cottonwood Rd. #265
Sunriver, OR 97707
E-mail: mrmurphy@chamberscable.com

Robert M. Andersen
Akerman Senterfitt
801 Pennsylvania Avenue N.W., Suite 600
Washington, DC 20004 USA
E-mail: robert.andersen@akerman.com

Martha S. Crosland, Esq.
Angela M. Kordyak, Esq.
Nicholas P. DiNunzio
James Bennett McRae, Esq.
U.S. Department of Energy
Office of the General Counsel
1000 Independence Avenue, S.W.
Washington, DC 20585
E-mail: martha.crosland@hq.doe.gov
angela.kordyak@hq.doe.gov
nick.dinunzio@rw.doe.gov
ben.mcrae@hq.doe.gov

George W. Hellstrom
U.S. Department of Energy
Office of General Counsel
1551 Hillshire Drive
Las Vegas, NV 89134-6321
E-Mail: george.hellstrom@ymp.gov

Jeffrey D. VanNiel, Esq.
530 Farrington Court
Las Vegas, NV 89123
E-mail: nbrjdn@gmail.com

Susan L. Durbin, Esq.
Deputy Attorney General
1300 I Street
P.O. Box 944255
Sacramento, CA 94244-2550
E-mail: susan.durbin@doj.ca.gov

Frank A. Putzu
Naval Sea Systems Command Nuclear
Propulsion Program
1333 Isaac Hull Avenue, S.E.
Washington Navy Yard, Building 197
Washington, DC 20376
E-mail: frank.putzu@navy.mil

John M. Peebles
Darcie L. Houck
Fredericks Peebles & Morgan LLP
1001 Second Street
Sacramento, CA 95814
E-mail: jpeebles@ndnlaw.com
dhouck@ndnlaw.com

Shane Thin Elk
Fredericks Peebles & Morgan, LLP
3610 North 163rd Plaza
Omaha, Nebraska 68116
E-mail: sthinelk@ndnlaw.com

Ellen C. Ginsberg
Michael A. Bauser
Anne W. Cottingham
Nuclear Energy Institute, Inc.
1776 I Street, N.W., Suite 400
Washington, D.C. 20006
E-mail: ecg@nei.org
mab@nei.org
awc@nei.org

David A. Repka
William A. Horin
Rachel Miras-Wilson
Winston & Strawn LLP
1700 K Street N.W.
Washington, D.C. 20006
E-mail: drepka@winston.com
whorin@winston.com
rwilson@winston.com

Jay E. Silberg
Timothy J.V. Walsh
Pillsbury Winthrop Shaw Pittman LLP
2300 N Street, N.W.
Washington, D.C. 20037-1122
E-mail: jay.silberg@pillsburylaw.com
timothy.walsh@pillsburylaw.com

Gregory L. James
710 Autumn Leaves Circle
Bishop, California 93514
Email: gljames@earthlink.net

Arthur J. Harrington
Godfrey & Kahn, S.C.
780 N. Water Street
Milwaukee, WI 53202
E-mail: aharring@gklaw.com

Steven A. Heinzen
Douglas M. Poland
Hannah L. Renfro
Godfrey & Kahn, S.C.
One East Main Street, Suite 500
P.O. Box 2719
Madison, WI 53701-2719
E-mail: sheinzen@gklaw.com
dpoland@gklaw.com
hrenfro@gklaw.com

Robert F. List, Esq.
Jennifer A. Gores, Esq.
Armstrong Teasdale LLP
1975 Village Center Circle, Suite 140
Las Vegas, NV 89134-6237
E-mail: rlist@armstrongteasdale.com
jgores@armstrongteasdale.com

Diane Curran
Harmon, Curran, Spielberg, & Eisenberg,
L.L.P.
1726 M Street N.W., Suite 600
Washington, D.C. 20036
E-mail: dcurran@harmoncurran.com

Ian Zabarte, Board Member
Native Community Action Council
P.O. Box 140
Baker, NV 89311
E-mail: mrizabarte@gmail.com

Richard Sears
District Attorney No. 5489
White Pine County District Attorney's Office
801 Clark Street, Suite 3
Ely, NV 89301
E-mail: rwsears@wpcda.org

Donald P. Irwin
Michael R. Shebelskie
Kelly L. Faglioni
Hunton & Williams LLP
Riverfront Plaza, East Tower
951 East Byrd Street
Richmond, VA 23219-4074
E-mail: dirwin@hunton.com
mshebelskie@hunton.com
kfaglioni@hunton.com

Curtis G. Berkey
Scott W. Williams
Rovianne A. Leigh
Alexander, Berkey, Williams, & Weathers
LLP
2030 Addison Street, Suite 410
Berkley, CA 94704
E-mail: cberkey@abwwlaw.com
swilliams@abwwlaw.com
rleigh@abwwlaw.com

Bret O. Whipple
1100 South Tenth Street
Las Vegas, Nevada 89104
E-mail: bretwhipple@nomademail.com

Gregory Barlow
P.O. Box 60
Pioche, Nevada 89043
E-mail: lca@lcturbonet.com

Michael L. Dunning
Andrew A. Fitz
H. Lee Overton
Jonathan C. Thompson
State of Washington
Office of the Attorney General
P.O. Box 40117
Olympia, WA 98504-0117
E-mail: MichaelD@atq.wa.gov
AndyF@atq.wa.gov
LeeO1@atq.wa.gov
JonaT@atq.wa.gov

Thomas R. Gottshall
S. Ross Shealy
Haynesworth Sinkler Boyd, PA
1201 Main Street, Suite 2200
Post Office Box 11889
Columbia, SC 29211-1889
E-mail: tgottshall@hsblawfirm.com
rshealy@hsblawfirm.com

Connie Simkins
P.O. Box 1068
Caliente, Nevada 89008
E-mail: jcciac@co.lincoln.nv.us

Kenneth P. Woodington
Davidson & Lindemann, P.A.
1611 Devonshire Drive
P.O. Box 8568
Columbia, SC 29202
E-mail: kwoodington@dml-law.com

Dr. Mike Baughman
Intertech Services Corporation
P.O. Box 2008
Carson City, Nevada 89702
E-mail: bigoff@aol.com

Michael Berger
Robert S. Hanna
Attorney for the County of Inyo
233 East Carrillo Street Suite B
Santa Barbara, California 93101
E-mail: mberger@bsglaw.net
rshanna@bsglaw.net

Don L. Keskey
Public Law Resource Center PLLC
505 N. Capitol Avenue
Lansing, MI 48933
E-mail: donkeskey@publiclawresourcecenter.com

Philip R. Mahowald
Praire Island Indian Community
5636 Sturgeon Lake Road
Welch, MN 55089
E-mail: pmahowald@piic.org

James Bradford Ramsay
National Association of Regulatory Utility
Commissioners
1101 Vermont Avenue NW, Suite 200
Washington, DC 20005
E-mail: jramsay@naruc.org

/Signed (electronically) by/

Jessica A. Bielecki
Counsel for the NRC Staff
U.S. Nuclear Regulatory Commission
Office of the General Counsel
Mail Stop O-15D21
Washington, DC 20555-0001
(301) 415-1391
jessica.bielecki@nrc.gov