

January 29, 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 CERTIFICATION OF  
LICENSING SUPPORT NETWORK SUPPLEMENTATION

By Order, dated July 2005, as modified by Orders dated February 9, 2006 and July 6, 2007,<sup>1</sup> the Pre-License Application Presiding Officer (PAPO) Board required that after a Licensing Support Network (LSN) participant's initial certification of its LSN collection, and after the Department of Energy (DOE) certifies its LSN document collection, each LSN participant shall, on or before the first of each month, certify on a monthly basis that it has duly supplemented its LSN collection with any additional documentary material discovered or created after the time of its initial certification. The jurisdiction of the PAPO Board was terminated on June 5, 2009, Sixth Case Management Order (Regarding State of Nevada's Access to Classified Information) (June 5, 2009) (unpublished), at 12, however the continuing monthly certification requirement remains effective. 10 C.F.R. § 2.1011(b)(2); see CAB Case Management Order #1, January 29, 2009, at 2. The NRC Staff last filed a certification of

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<sup>1</sup> See Second Case Management Order (Pre-License Application Phase Document Discovery and Dispute Resolution) (July 8, 2005), at 21-22; Order (Suspending Monthly Supplementation Requirement) (Feb. 9, 2006) (unpublished); Revised Second Case Management Order (Pre-License Application Phase Document Discovery and Dispute Resolution) (July 6, 2007) (unpublished), at 21.

monthly supplementation, and filed a notice of changes to its Deliberative Process Privilege Log of its LSN collection on December 30, 2009.

Accordingly, appended to this filing is the certification of Ms. Alicia J. Mullins, the official responsible for the administration of the Staff's efforts to identify and make available supplementary documentary material via the LSN.

Also, pursuant to 10 C.F.R. § 2.705(g), and the Pre-License Application Presiding Officer (PAPO) Board's Revised Second Case Management Order, dated July 6, 2007 (unpublished), Fourth Case Management Order, dated October 5, 2007 (unpublished), and Fifth Case Management Order, dated November 1, 2007 (unpublished), as adopted by Case Management Order #1, dated January 29, 2009, at 2 (unpublished) and amended by Order (Addressing the NRC Staff's Motion for Leave to Amend Privilege Log Certification), dated November 18, 2009, the Staff hereby files its supplement to its Deliberative Process Privilege Log.

For these supplements, I hereby certify, to the best of my knowledge, information and belief, formed after reasonable inquiry, that the information on the privilege logs and the claimed privilege for the document is, *inter alia*, correct and consistent with the requirements of the Second Case Management Order.

Respectfully submitted,

**Signed (electronically) by**

Andrea L. Silvia  
Counsel for NRC Staff  
U.S. Nuclear Regulatory Commission  
Mail Stop O-15 D21  
Washington, DC 20555-0001  
(301) 415-8554  
Andrea.Silvia@nrc.gov

Dated at Rockville, Maryland  
this 29<sup>th</sup> day of January, 2010

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

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

NRC STAFF CERTIFICATION OF  
LICENSING SUPPORT NETWORK SUPPLEMENTATION

As the official responsible for the administration of the NRC staff's duty to duly supplement the NRC collection of electronic files of documentary material, I hereby certify that, pursuant to procedures established under 10 C.F.R. § 2.1009(a)(2), and the Revised Second Case Management Order (Pre-License Application Phase Document Discovery and Dispute Resolution) (July 6, 2007) ("Revised Second CMO") (unpublished) at 21, to the best of my knowledge, documentary material specified in 10 C.F.R. § 2.1003 has been identified and made available in accordance with the requirements of 10 C.F.R. § 2.1011(b)(2). This certification covers documentary material identified and made available via the Licensing Support Network subsequent to the NRC staff's previous certification, dated December 30, 2009.

/RA/  
Alicia J. Mullins, Project Manager  
Division of High-Level Waste Repository Safety  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission

Dated at Rockville, Maryland  
this 28<sup>th</sup> day of January, 2010

**NRC Primary Privilege Log**

Date: 01/29/2010

**Deliberative Process Privilege Log**

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029777
2. ADAMS accession number	ML082960051
3. Document date	5/27/2008
4. Title	2008/05/27 HLW-Yucca Mountain - RE: Assignment: Yucca EIS Adoption Review
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Chandrika Manepally, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	Chandrika Manepally is a technical reviewer at the CNWRA communicating the review of DOE's EIS NRC's determination on adoption to his supervisor David Turner a principal Investigator at the CNWRA.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000029809
2. ADAMS accession number	ML082960052
3. Document date	5/16/2008
4. Title	2008/05/16 HLW-Yucca Mountain - Comments Review
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Dr. C. Hobson Bryan, Consultant, University of Alabama
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Dr. C. Hobson Bryan is a consultant for the CNWRA and a professor at the University of Alabama. Dr. Bryan is providing his feedback regarding DOE's EIS for NRC's determination on adoption to David Turner of the CNWRA.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029793
2. ADAMS accession number	ML082960053
3. Document date	5/16/2008
4. Title	2008/05/16 HLW-Yucca Mountain - Review of Comments and Responses of the 2002 FEIS
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Daniel Ritsema, Private Consultant, Ritsema Consulting
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Mr. Daniel is a private consultant from Ritsema Consulting Incorporation providing feedback to David Turner a principal investigator from the CNWRA on DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029782
2. ADAMS accession number	ML082960056
3. Document date	5/16/2008
4. Title	2008/05/16 HLW-Yucca Mountain - Adoption review comment table
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Eunice Fedors, Consultant, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Eunice Fedors is a consultant for the CNWRA and is providing her feedback to David Turner a principal investigator for the CNWRA on DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029775
2. ADAMS accession number	ML082960057
3. Document date	5/15/2008
4. Title	2008/05/15 HLW-Yucca Mountain - See attached, Review of comments and resolution in Section 7
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Larry McKague, Private Consultant, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Larry McKague a private consultant for the CNWRA communicating his review of DOE's EIS for NRC's determination on adoption to David Turner a principal investigator at the CNWRA.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None



<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029760
2. ADAMS accession number	ML082960058
3. Document date	5/15/2008
4. Title	2008/05/15 HLW-Yucca Mountain - SEIS comments section 7.3 post closure
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	James Mancillas, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author James Mancillas is a technical reviewer for the CNWRA and is communicating with his supervisor David Turner a principal investigator for the CNWRA regarding DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029780
2. ADAMS accession number	ML082960059
3. Document date	5/6/2008
4. Title	2008/05/06 HLW-Yucca Mountain - Continued response to team questions on FEIS2002, vol III, 5 sections assigned to me
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Philip Justus, Senior Geologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Philip Justus a senior geologist at NRC is communicating to Christine Pineda a senior project manager at NRC and David Turner a principal investigator at CNWRA regarding DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029840
2. ADAMS accession number	ML082960060
3. Document date	5/5/2008
4. Title	2008/05/05 HLW-Yucca Mountain - Response to your questions on FEIS 2002,vol III, 5 sections assigned to me
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Philip Justus, Senior Geologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Philip Justus a senior geologist at NRC is communicating to Christine Pineda a senior project manager at NRC and David Turner a principal investigator at CNWRA regarding DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029805
2. ADAMS accession number	ML082960061
3. Document date	6/27/2007
4. Title	2007/06/27 HLW-Yucca Mountain - Preliminary Thoughts on CEA Confirmatory Analysis
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Larry McKague, Private Consultant, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, CNWRA
	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Larry McKague is a private consultant for the CNWRA and is communicating his review to David Turner principal investigator at the CNWRA regarding DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029817
2. ADAMS accession number	ML082980333
3. Document date	5/16/2008
4. Title	Yucca Mountain 2002 SEIS Comments Review.
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Edgar Huber, Principal Investigator, Statistical Research, Inc.
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Turner, Principal Investigator, CNWRA
8. Relationship between persons listed in 5 and 6	The author Edgar Huber is a principal investigator employed at Statistical Research Incorporated and was communicating to David Turner principal investigator at the CNWRA regarding DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029826
2. ADAMS accession number	ML081490143
3. Document date	8/9/2006
4. Title	2006/08/09 HLW-Yucca Mountain - Re: FEIS water mass exchange
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Randall Fedors, Senior Hydrogeologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Jin-Ping Gwo, Systems Performance Analyst, NRC
	Keith Compton, Senior Systems Performance Analyst, NRC
8. Relationship between persons listed in 5 and 6	The author Randall Fedors senior hydrogeologist at NRC was communicating with recipients Jin-Pin Gwo and Keith Compton System Performance Analysts at NRC his review of DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029758
2. ADAMS accession number	ML081830064
3. Document date	10/24/2007
4. Title	2007/10/24 HLW-Yucca Mountain - <a href="http://choctaw.er.usgs.gov/new_web/reports/other_reports/flood_frequency/feasibility1986.html">http://choctaw.er.usgs.gov/new_web/reports/other_reports/flood_frequency/feasibility1986.html</a>
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Jeffrey Pohle, Senior Hydrogeologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Mysore Nataraja, Senior Geotechnical Engineer, NRC
8. Relationship between persons listed in 5 and 6	The author Jeffrey Pohle a senior hydrogeologist at NRC was communicating with his colleague Mysore Nataraja a senior geotechnical engineer at NRC his review of DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029807
2. ADAMS accession number	ML081830067
3. Document date	10/24/2007
4. Title	2007/10/24 HLW-Yucca Mountain - Re: question
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Jeffrey Pohle, Senior Hydrogeologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
8. Relationship between persons listed in 5 and 6	The author Jeffrey Pohle a senior hydrogeologist at NRC was communicating his review of DOE's EIS for NRC's determination on adoption to Christine Pineda senior project manager (NEPA) at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None



<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029794
2. ADAMS accession number	ML081830063
3. Document date	11/6/2007
4. Title	2007/11/06 HLW-Yucca Mountain - DSEIS and DEIS Review Results for Transportation
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Patrick LaPlante, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Norma Garcia-Santos, Project Manager, NRC
8. Relationship between persons listed in 5 and 6	The author Patrick LaPlante a technical reviewer from the CNWRA was communicating his review of DOE's EIS for NRC's determination on adoption to Norma Garcia-Santos a project manager at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029830
2. ADAMS accession number	ML081490236
3. Document date	11/7/2007
4. Title	2007/11/07 HLW-Yucca Mountain - Re: SEIS Chapter 5/Appendix F comments
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Randall Fedors, Senior Hydrogeologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Keith Compton, Senior Systems Performance Analyst, NRC
8. Relationship between persons listed in 5 and 6	The author Randall Fedors a senior hydrogeologist at NRC was communicating to the recipient Keith Compton a senior systems performance analyst at NRC his review of DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000029759
2. ADAMS accession number	ML081970193
3. Document date	3/3/2008
4. Title	2008/03/03 HLW-Yucca Mountain - Addition to the discussion proposed: inquire within: Fwd: Re: please discuss groundwater
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	John Bradbury, Geochemist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Philip Justus, Senior Geologist, NRC
8. Relationship between persons listed in 5 and 6	The author John Bradbury a geochemist at NRC was communicating with his colleague Philip Justus a senior geologist at NRC regarding his review of DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000029802
2. ADAMS accession number	ML082590600
3. Document date	07/03/2008
4. Title	2008/07/03 HLW-Yucca Mountain - FW: crosswalk for DOE responses to NRC comments
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	David Turner, Principal Investigator, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Dr. Larry Canter, Private Consultant, CNWRA
	Dr. C. Hobson, Consultant, University of Alabama
	Edgar Huber, Principal Investigator, Statistical Research, Inc.
	Daniel Ritsema, Private Consultant, Ritsema Consulting
	Randall Fedors, Senior Hydrogeologist, NRC
	Brian Strye, Subcontractor, Raba-Kistner Consultants, Inc.
	Bill Tillar, Subcontractor, Raba-Kistner Consultants, Inc.
	Larry McKague, Private Consultant, CNWRA
	Biswajit Dasgupta, Technical Reviewer, CNWRA
	James Mancillas, Technical Reviewer, CNWRA
	Chandrika Manepally, Technical Reviewer, CNWRA
Bradley Werling, Technical Reviewer, CNWRA	
Patrick LaPlante, Technical Reviewer, CNWRA	
8. Relationship between persons listed in 5 and 6	The author David Turner principal investigator at the CNWRA was communicating with a team of recipients who are responsible for reviewing DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and

	comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000029804
2. ADAMS accession number	ML081970195
3. Document date	3/3/2008
4. Title	2008/03/03 HLW-Yucca Mountain - Fwd: SEIS Groundwater Comment
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	John Bradbury, Geochemist, NRC David Turner, Principal Investigator, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	The list of original addressees is not available, however, based on the text of the e-mail and the author's recollection, the e-mail was sent only to NRC staff or contractors.
8. Relationship between persons listed in 5 and 6	The author John Bradbury geochemist for NRC was communicating to recipient David Turner principal investigator at the CNWRA regarding DOE's EIS for NRC's determination on adoption.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030318
2. ADAMS accession number	ML083090880
3. Document date	11/08/2007
4. Title	2007/11/08 HLW-Yucca Mountain - SEIS Comments on Igneous Scenario and Toxic Materials
5. Subject matter description	E-mail Correspondence Regarding DOE's Draft SEIS.
6. Author(s) name, job title/capacity, affiliation	James Mancillas, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Osvaldo Pensado, Technical Reviewer, CNWRA
8. Relationship between persons listed in 5 and 6	James Mancillas is a technical reviewer at the CNWRA communicating his comments on DOE's Draft SEIS to his co-worker Osvlado Pensado who is a technical reviewer.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion supporting the development of NRC's comments on the Draft SEIS.
11. Explanation why document is deliberative	The document includes NRC's staff member's preliminary comments on DOE's Draft SEIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030350
2. ADAMS accession number	ML091980375
3. Document date	05/06/2008
4. Title	2008/05/06 HLW-Yucca Mountain - REPLY:RE: Continued response to team questions on FEIS2002, vol III, 5 sections assigned to me
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Philip Justus, Senior Geologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
8. Relationship between persons listed in 5 and 6	Philip Justus a senior geologist at NRC is providing EIS related comments to Christine Pineda a senior project manager (NEPA) at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None



**Deliberative Process Privilege**

1. LSN header number	NRC000030324
2. ADAMS accession number	ML091980374
3. Document date	05/08/2008
4. Title	2008/05/08 HLW-Yucca Mountain - First part of the EIS assignment
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Carmen Rivera, Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager, NRC
8. Relationship between persons listed in 5 and 6	Carmen Rivera a project manager at NRC is providing EIS related comments to Christine Pineda a senior project manager at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030381
2. ADAMS accession number	ML091980371
3. Document date	05/14/2008
4. Title	2008/05/14 HLW-Yucca Mountain - Draft SEIS comments to be checked in review and adoption of FEIS for Yucca Mountain Project
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Bandad Jagannath, Senior Geotechnical Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
8. Relationship between persons listed in 5 and 6	Bandad Jagannath a senior geotechnical engineer at NRC is providing EIS comments to Christine Pineda a senior project manager (NEPA) at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030275
2. ADAMS accession number	ML091980370
3. Document date	05/16/2008
4. Title	2008/05/16 HLW-Yucca Mountain - RE: Assignment: Yucca EIS Adoption Review
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Alexander Sapountzis, Technical Reviewer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
8. Relationship between persons listed in 5 and 6	Alexander Sapountzis a technical reviewer at NRC is providing EIS related comments to Christine Pineda a senior project manager (NEPA) at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030327
2. ADAMS accession number	ML091980367
3. Document date	05/22/2008
4. Title	2008/05/22 HLW-Yucca Mountain - EIS Comments
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Carmen Rivera, Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
8. Relationship between persons listed in 5 and 6	Carmen Rivera a project manager at NRC is providing EIS related comments to Christine Pineda a senior project manager (NEPA) at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030299
2. ADAMS accession number	ML091980376
3. Document date	07/31/2008
4. Title	2008/07/31 HLW-Yucca Mountain - EIS ADR Comment
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Mahendra Shah, Senior Advisor-Engineering, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Philip Justus, Senior Geologist, NRC
8. Relationship between persons listed in 5 and 6	Mahendra Shah a senior advisor-engineering at NRC is providing feedback on EIS related comments to Philip Justus a senior geologist at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030333
2. ADAMS accession number	ML091900685
3. Document date	07/09/2008
4. Title	2008/07/09 HLW-Yucca Mountain - RE: Question: reference from meeting earlier
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Michele Sampson, Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Kevin Witt, Project Manager, NRC
8. Relationship between persons listed in 5 and 6	Michele Sampson is a Project Manager at NRC who is getting clarification on a question relating to DOE's EIS from Kevin Witt a Project Manager at NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030348
2. ADAMS accession number	ML083240535
3. Document date	08/24/2005
4. Title	2005/08/24 HLW-Yucca Mountain - Update of the PPIR
5. Subject matter description	E-mail Correspondence Regarding DOE's License Application description on Pre-Closure Safety Analysis (PCSA).
6. Author(s) name, job title/capacity, affiliation	Timothy Kobetz, Branch Chief, Inspection and Regional Support Reactor Inspection Branch, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Asadul Chowdhury, Technical Reviewer, CNWRA
	Amitava Ghosh, Technical Reviewer, CNWRA
	George Adams, Technical Reviewer, CNWRA
	John Stamatkos, Technical Reviewer, CNWRA
	Lane Howard, Technical Reviewer, CNWRA
	Luis Ibarra, Technical Reviewer, CNWRA
	Goodluck Ofoegbu, Technical Reviewer, CNWRA
	Oleg Povetko, Technical Reviewer, CNWRA
	Roland Benke, Technical Reviewer, CNWRA
	Sarah Gonzalez, Technical Reviewer, CNWRA
	Simon Hsiung, Technical Reviewer, CNWRA
	Sitakanta Mohanty, Technical Reviewer, CNWRA
	Troy Maxwell, Technical Reviewer, CNWRA
	Aladar Csontos, Branch Chief, Component Integrity Branch, NRC
	Andy Campbell, Branch Chief, Performance Assessment Branch, NRC
	Abou-Bakr Ibrahim, Senior Seismologist, NRC
	Albert Wong, Senior Mechanical Engineer, NRC
Banad Jagannath, Senior Geotechnical Engineer, NRC	
Christopher Ryder, Project Manager, NRC	
Dennis Galvin, Project Manager, NRC	
David Dancer, Project Engineer (Materials), NRC	

	Kien Chang, Material Engineer, NRC
	Michael Waters, Branch Chief, Thermal and Containment Branch, NRC
	Mahendra Shah, Senior Advisor-Engineer, NRC
	Mysore Nataraja, Senior Geotechnical Engineer, NRC
	King Stablein, Branch Chief, Project Management Branch B, NRC
	Philip Justus, Senior Geologist, NRC
	Robert Johnson, Senior Project Manager, NRC
	Tae Ahn, Senior Material Engineer, NRC
	Yong Kim, Senior Structural Engineer, NRC
	Biswajit Dasgupta, Technical Reviewer, CNWRA
8. Relationship between persons listed in 5 and 6	Timothy Kobetz was the Branch Chief in NRC/NMSS communicating with the Preclosure team on preparing to review a draft of the Preclosure Prelicensing Issues Report.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion on Pre-Closure Pre-licensing Issues Report.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's PCSA.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None



<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030304
2. ADAMS accession number	ML091070189
3. Document date	04/15/2005
4. Title	2005/04/15 HLW-Yucca Mountain - FW: Talking points on Supplement to EIS
5. Subject matter description	E-mail Correspondence Regarding DOE's EIS.
6. Author(s) name, job title/capacity, affiliation	Sitakanta Mohanty, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Bruce Goodwin, Consultant, Environmental Assessment Consulting, Inc.
8. Relationship between persons listed in 5 and 6	Sitakanta Mohanty is a technical reviewer at the CNWRA communicating the discussion on the review of DOE's EIS to Bruce Goodwin a consultant to CNWRA.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion regarding the decision to adopt DOE's EIS with supplementation on 09/05/08.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's EIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030307
2. ADAMS accession number	ML081960522
3. Document date	11/13/2007
4. Title	2007/11/13 HLW-Yucca Mountain - HP-related comments attached EOM
5. Subject matter description	E-mail Correspondence Regarding DOE's Draft SEIS.
6. Author(s) name, job title/capacity, affiliation	Keith Compton, Senior Systems Performance Analyst, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
8. Relationship between persons listed in 5 and 6	The author Keith Compton a senior systems performance analyst at NRC was communicating with Christine Pineda, senior project manager (NEPA) at NRC his comments on DOE's Draft SEIS.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion supporting the development of NRC's comments on the Draft SEIS.
11. Explanation why document is deliberative	The document includes NRC's staff member's preliminary comments on DOE's Draft SEIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030366
2. ADAMS accession number	ML081960524
3. Document date	11/13/2007
4. Title	2007/11/13 HLW-Yucca Mountain - Comments on SEIS Chapter 5 and Appendix F attached
5. Subject matter description	E-mail Correspondence Regarding DOE's Draft SEIS.
6. Author(s) name, job title/capacity, affiliation	Keith Compton, Senior Systems Performance Analyst, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
8. Relationship between persons listed in 5 and 6	The author Keith Compton a senior systems performance analyst at NRC was communicating with Christine Pineda, senior project manager (NEPA) at NRC his comments on DOE's Draft SEIS.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion supporting the development of NRC's comments on the Draft SEIS.
11. Explanation why document is deliberative	The document includes NRC's staff member's preliminary comments on DOE's Draft SEIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030373
2. ADAMS accession number	ML081490237
3. Document date	11/09/2007
4. Title	2007/11/09 HLW-Yucca Mountain - Postclosure SEIS comments - UZ/SZ
5. Subject matter description	E-mail Correspondence Regarding DOE's Draft SEIS.
6. Author(s) name, job title/capacity, affiliation	Randall Fedors, Senior Hydrogeologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Keith Compton, Senior Systems Performance Analyst, NRC
8. Relationship between persons listed in 5 and 6	The author Keith Compton a senior systems performance analyst at NRC was communicating with Christine Pineda, senior project manager (NEPA) at NRC his comments on DOE's Draft SEIS.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion supporting the development of NRC's comments on the Draft SEIS.
11. Explanation why document is deliberative	The document includes NRC's staff member's preliminary comments on DOE's Draft SEIS.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030358
2. ADAMS accession number	ML083240598
3. Document date	01/07/2005
4. Title	2005/01/07 HLW-Yucca Mountain - Preclosure Team Meeting
5. Subject matter description	E-mail Correspondence Regarding DOE's License Application description on Pre-Closure Safety Analysis (PCSA).
6. Author(s) name, job title/capacity, affiliation	Timothy Kobetz, Branch Chief, Inspection and Regional Support Reactor Inspection Branch, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Asadul Chowdhury, Technical Reviewer, CNWRA
	Amitava Ghosh, Technical Reviewer, CNWRA
	George Adams, Technical Reviewer, CNWRA
	John Stamatkos, Technical Reviewer, CNWRA
	Lane Howard, Technical Reviewer, CNWRA
	Luis Ibarra, Technical Reviewer, CNWRA
	Goodluck Ofoegbu, Technical Reviewer, CNWRA
	Oleg Povetko, Technical Reviewer, CNWRA
	Roland Benke, Technical Reviewer, CNWRA
	Sarah Gonzalez, Technical Reviewer, CNWRA
	Simon Hsiung, Technical Reviewer, CNWRA
	Sitakanta Mohanty, Technical Reviewer, CNWRA
	Troy Maxwell, Technical Reviewer, CNWRA
	Aladar Csontos, Branch Chief, Component Integrity Branch, NRC
	Andy Campbell, Branch Chief, Performance Assessment Branch, NRC
	Abou-Bakr Ibrahim, Senior Seismologist, NRC
	Albert Wong, Senior Mechanical Engineer, NRC
Banad Jagannath, Senior Geotechnical Engineer, NRC	
Christopher Ryder, Project Manager, NRC	
Dennis Galvin, Project Manager, NRC	

	David Dancer, Project Engineer (Materials), NRC
	Kien Chang, Material Engineer, NRC
	Michael Waters, Branch Chief, Thermal and Containment Branch, NRC
	Mahendra Shah, Senior Advisor-Engineer, NRC
	Mysore Nataraja, Senior Geotechnical Engineer, NRC
	King Stablein, Branch Chief, Project Management Branch B, NRC
	Philip Justus, Senior Geologist, NRC
	Robert Johnson, Senior Project Manager, NRC
	Tae Ahn, Senior Material Engineer, NRC
	Yong Kim, Senior Structural Engineer, NRC
	Biswajit Dasgupta, Technical Reviewer, CNWRA
8. Relationship between persons listed in 5 and 6	Timothy Kobetz was the Branch Chief in NRC/NMSS communicating with the Preclosure team on preparing to review a draft of the Preclosure Prelicensing Issues Report.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to discussion on Pre-Closure Pre-licensing Issues Report.
11. Explanation why document is deliberative	The document includes NRC's preliminary opinions and comments on DOE's PCSA.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030387
2. ADAMS accession number	ML080720148
3. Document date	10/19/2005
4. Title	2005/10/19 HLW-Yucca Mountain - Re: Fwd: Special HLW Board Meeting on groundwater protection standard
5. Subject matter description	E-mail correspondence regarding groundwater protection standard.
6. Author(s) name, job title/capacity, affiliation	David Brooks, Senior Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Jack Guttman, Branch Chief, Repository Site Branch, NRC
	Lawrence Kokajko, Deputy Director, High-Level Waste Repository Safety, NRC
	Bill Reamer, Director, High-Level Waste Repository Safety, NRC
	Kien Chang, Material Engineer, NRC
8. Relationship between persons listed in 6 and 7	Marissa Bailey, Branch Chief, Engineering Branch, NRC
	The author is an NRC Senior Project Manager; the addressees are an NRC colleague and NRC managers.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to an NRC Staff decision on how to apply the groundwater protection standard in its LA review.
11. Explanation why document is deliberative	The document includes NRC Staff's preliminary opinions and comments on how to apply the groundwater protection standard during the LA review.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030443
2. ADAMS accession number	ML083231134
3. Document date	1/20/2006
4. Title	2006/01/20 HLW-Yucca Mountain - FW: Answers to Tim McCartin questions
5. Subject matter description	E-mail correspondence regarding review strategy for salt deliquescence.
6. Author(s) name, job title/capacity, affiliation	English Percy, Group Manager, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Miriam Juckett, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	NRC contractor manager and reviewers
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to planning the NRC Staff's license application review strategy on issues associated with engineered barriers.
11. Explanation why document is deliberative	The document includes an NRC contractor's preliminary opinions and comments on questions that were to be considered in developing the strategy for the license application review of engineered barriers.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None



**Deliberative Process Privilege**

1. LSN header number	NRC000030421
2. ADAMS accession number	ML083240718
3. Document date	3/10/2004
4. Title	2004/03/10 HLW-Yucca Mountain - RE: Long-Term Behavior of Passive Film
5. Subject matter description	E-mail correspondence regarding long term persistence of passive oxide film
6. Author(s) name, job title/capacity, affiliation	Tae Ahn, Senior Materials Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Oswaldo Pensado, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author is an NRC employee; the addressee is an NRC contractor.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	The Staff's review of DOE's long-term passivity approach in the license application.
11. Explanation why document is deliberative	The document includes the NRC Staff's and NRC contractor's preliminary comments on factors to consider during the licensing review.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030475
2. ADAMS accession number	ML092050196
3. Document date	4/16/2009
4. Title	2009/04/16 HLW-Yucca Mountain - RE: P&ID Examples from Holtec
5. Subject matter description	E-mail correspondence regarding piping and instrumentation design (P&ID) information.
6. Author(s) name, job title/capacity, affiliation	Paul Bell, Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Vincent Everett, Senior High Level Waste Inspector, NRC
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to the Staff's review of P&ID information in the license application.
11. Explanation why document is deliberative	The document includes NRC Staff's preliminary opinions and comments on P&ID information.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030497
2. ADAMS accession number	ML083640186
3. Document date	12/5/2007
4. Title	carbonate concentration in Na-K-Cl-NO <sub>3</sub> mixtures.
5. Subject matter description	E-mail correspondence regarding proposed experimental conditions and predicted conditions for stress corrosion cracking.
6. Author(s) name, job title/capacity, affiliation	Roberto Pabalan, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Ken Chiang, Technical Reviewer, CNWRA
	Lietai Yang, Technical Reviewer, CNWRA
	Yi-Ming Pan, Technical Reviewer, CNWRA
	Oswaldo Pensado, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	Pavan Shukla, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC contractors/reviewers.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to deciding what factors to consider in the LA review of stress corrosion cracking.
11. Explanation why document is deliberative	The document includes NRC contractor's preliminary opinions and comments on conditions to be considered during the NRC Staff's review of the LA.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030405
2. ADAMS accession number	ML083231099
3. Document date	2/22/2008
4. Title	2008/02/22 HLW-Yucca Mountain - RE: More ENG3 Review Strategy Conference Call
5. Subject matter description	E-mail correspondence regarding Staff's strategy to review the quantity and chemistry of water contacting the engineered barriers and waste forms.
6. Author(s) name, job title/capacity, affiliation	Scott Painter, Technical Reviewer, CNWRA Hakan Basagaoglu, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	James Myers, Technical Reviewer, CNWRA Miriam Juckett, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are CNWRA employees, an NRC contractor.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to the development of a license review strategy for issues associated with the review of engineered barriers and waste forms in the LA.
11. Explanation why document is deliberative	The document includes an NRC contractor's preliminary opinions and comments on factors to be considered in the review of engineered barriers and waste forms in the license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030407
2. ADAMS accession number	ML083231126
3. Document date	1/26/2007
4. Title	2007/01/26 HLW-Yucca Mountain - RE: Last Change: A237, January 24, at 3:00 pm
5. Subject matter description	E-mail correspondence regarding review of a DOE features, events and processes (FEP) Report.
6. Author(s) name, job title/capacity, affiliation	Roberto Pabalan, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Miriam Juckett, Technical Reviewer, CNWRA
	English Percy, Technical Reviewer, CNWRA
	Bradley Werling, Technical Reviewer, CNWRA
	James Prikryl, Technical Reviewer, CNWRA
	James Myers, Technical Reviewer, CNWRA
	David Pickett, Technical Reviewer, CNWRA
	Paul Bertetti, Technical Reviewer, CNWRA
	Jude McMurry, Technical Reviewer, CNWRA
	Lietai Yang, Technical Reviewer, CNWRA
	Xihua He, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are CNWRA employees/NRC contractor reviewers.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to deciding how to review the engineered barrier and waste form during the LA review.
11. Explanation why document is deliberative	The document includes an NRC contractor's preliminary analysis of, and comments on, a DOE FEP report, and deliberations on Staff actions in the review.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.

13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030439
2. ADAMS accession number	ML083240482
3. Document date	3/14/2006
4. Title	2006/03/14 HLW-Yucca Mountain - RE: criticality statement of work with clarifications
5. Subject matter description	E-mail correspondence regarding fuel issues and transportation aging and disposal (TAD) canisters.
6. Author(s) name, job title/capacity, affiliation	Vijay Jain, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Sitakanta Mohanty, Technical Reviewer, CNWRA
	Asadul Chowdhury, Technical Reviewer, CNWRA
	James Durham, Technical Reviewer, CNWRA
	Lane Howard, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are technical reviewers at CNWRA, an NRC contractor.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision or decision-making process and date of decision (if any)	This document relates to determining a scope of work to prepare for the license application review of fuel issues and the TAD canister
11. Explanation why document is deliberative	The document includes an NRC contractor's preliminary opinions and comments on fuel issues to be considered in preparing to review the license application and the TAD canister review.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030392
2. ADAMS accession number	ML083240455
3. Document date	10/25/2006
4. Title	2006/10/25 HLW-Yucca Mountain - Thoughts on IA presentation
5. Subject matter description	E-mail correspondence regarding staff review strategy of igneous activity
6. Author(s) name, job title/capacity, affiliation	John Trapp, Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	John Stamatkos, Technical Reviewer, CNWRA
	Nancy Adams, Technical Reviewer, CNWRA
	Roland Benke, Technical Reviewer, CNWRA
	Donald Hooper, Technical Reviewer, CNWRA
	Brittain Hill, Senior-Advisor-Science, NRC
	James Rubenstone, Senior Project Manager, Project Management Branch, NRC
	Keith Compton, Senior Systems Performance Analyst, NRC
	Debashis Basu, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author is an NRC employee. The addressees are NRC contractor/reviewers and NRC colleagues.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to deciding the staff License Application review strategy for igneous activity.
11. Explanation why document is deliberative	The document includes NRC Staff's preliminary opinions and comments on its igneous activity review strategy.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None



**Deliberative Process Privilege**

1. LSN header number	NRC000030496
2. ADAMS accession number	ML083240658
3. Document date	3/21/2007
4. Title	2007/03/21 HLW-Yucca Mountain - RE: (2) Fwd: Reference for heat affected zone
5. Subject matter description	E-mail correspondence regarding TPA input parameters for heat affected zone.
6. Author(s) name, job title/capacity, affiliation	Oswaldo Pensado, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Tae Ahn, Senior Materials Engineer, NRC
	Ken Chiang, Technical Reviewer, CNWRA
	Xihua He, Technical Reviewer, CNWRA
	Yi-Ming Pan, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author is an NRC contractor employee/reviewer. The addressees are his colleagues at CNWRA and the NRC.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to TPA development and heat affected zone (HAZ) LA review strategy.
11. Explanation why document is deliberative	The document includes NRC contractor and NRC Staff preliminary opinions on parameter values for TPA development and HAZ LA review strategy.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030393
2. ADAMS accession number	ML083240257
3. Document date	5/25/2007
4. Title	2007/05/25 HLW-Yucca Mountain - Gaps for RTSZ
5. Subject matter description	E-mail Correspondence Regarding Staff Review Strategy.
6. Author(s) name, job title/capacity, affiliation	Paul Bertetti, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	English Percy, Group Manager, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressee are reviewer/manager at an NRC contractor.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to deciding the review strategy for radionuclide transport through the saturated zone.
11. Explanation why document is deliberative	The document includes an NRC contractor's preliminary opinions on the staff review strategy.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030399
2. ADAMS accession number	ML083240253
3. Document date	8/8/2007
4. Title	2007/08/08 HLW-Yucca Mountain - FW: colloid questions for DOE
5. Subject matter description	E-mail correspondence regarding preparation for a meeting with DOE.
6. Author(s) name, job title/capacity, affiliation	Paul Bertetti, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	John Bradbury, Geochemist, NRC
8. Relationship between persons listed in 6 and 7	The author is an NRC contractor/reviewer. The addressee is an NRC employee.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to deciding upon potential topics and questions for an upcoming public meeting with DOE.
11. Explanation why document is deliberative	The document includes NRC contractor input to NRC deliberations on potential topics and questions to ask DOE at an upcoming meeting.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030411
2. ADAMS accession number	ML083240635
3. Document date	2/6/2008
4. Title	2008/02/06 HLW-Yucca Mountain - RE: Seepage Water Concentration by Evaporation
5. Subject matter description	E-mail correspondence regarding responding to advisory committee question.
6. Author(s) name, job title/capacity, affiliation	Oswaldo Pensado, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Tae Ahn, Senior Materials Engineer, NRC
	Andy Jung, Technical Reviewer, CNWRA
	Pavan Shukla, Technical Reviewer, CNWRA
	Roberto Pabalan, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	Xihua He, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author is an NRC contractor/reviewer. The addressees are NRC and contractor/reviewers.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to deciding how to respond to a question to the Staff from the Advisory Committee on Nuclear Waste and Materials (ACNW&M).
11. Explanation why document is deliberative	The document includes both NRC and contractor discussion of how to answer an ACNW&M question.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030412
2. ADAMS accession number	ML083101278
3. Document date	12/8/2006
4. Title	2006/12/08 HLW-Yucca Mountain - RE: Uranophane paper
5. Subject matter description	E-mail correspondence regarding review of a contractor report.
6. Author(s) name, job title/capacity, affiliation	Jim Prikryl, Primary Author, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Pickett, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressee are contractor reviewers.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if	This document relates to discussions on a contractor analysis in support of the Staff's LA review
11. Explanation why document is deliberative	The document includes a contractor discussion on the substance of a draft report supportive of the NRC Staff's LA review.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030504
2. ADAMS accession number	ML083101245
3. Document date	12/22/2006
4. Title	2006/12/22 HLW-Yucca Mountain - RE: Paul's tech review
5. Subject matter description	E-mail correspondence regarding NRC contractor input regarding a key technical issue (KTI) Agreement.
6. Author(s) name, job title/capacity, affiliation	Hakan Basagaoglu, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Pickett, Primary Author, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC contractor reviewer/author.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to NRC contractor recommendations as to the content of an NRC letter to DOE concerning a KTI agreement.
11. Explanation why document is deliberative	The document contains NRC contractor deliberations on what should be included in the contractor's input to NRC.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	The factual information in the e-mail cannot be disclosed without revealing the nature of the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030705
2. ADAMS accession number	ML092890294
3. Document date	9/30/09
4. Title	FW: ACTION
5. Subject matter description	Burn up credit
6. Author(s) name, job title/capacity, affiliation	Christopher Tripp, Sr. Nuclear Process Engineer, NMSS/FCSS/SPTSD/TSB
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Timothy Sippel, Nuclear Engineer, NMSS/HLWRS/TRD
	Jack Guttman, Branch Chief, NMSS/HLWRS/TRD
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This e-mail discusses ongoing review of License Application, WRT burnup credit, and adequacy of technical bases.
11. Explanation why document is deliberative	Discuss ongoing staff review and deliberations on License Application and supporting materials.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is integrated fully into the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Attorney Client Communication Privilege**

1. LSN header number	NRC000031063
2. ADAMS accession number	ML081230462
3. Document date	04/19/2006
4. Title	2006/04/19 HLW-Yucca Mountain - Question
5. Subject matter description	Request for legal interpretation of NRC regulations
6. Author(s) name, job title/capacity, affiliation	Christopher Ryder Systems Performance Analyst, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Marian Zobler, Assistant General Counsel for the High-Level Waste Repository Program, NRC
8. Relationship between persons listed in 6 and 7	The author is an NRC employee and addressee is NRC legal counsel.
9. Showing that the primary purpose was either to provide or request legal advice	Technical Reviewer is asking counsel for a legal opinion on interpretation of regulatory requirements.
10. Statement that document being maintained under procedures or practices that preserve the protection of the document, listing any exceptions	Technical Reviewer posed question directly to legal counsel and did not share communication with any individual outside of the attorney-client relationship.
11. Type of document	E-Mail
12. Other privileges/protective claimed	None



<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000030952
2. ADAMS accession number	ML080600302
3. Document date	03/20/2008
4. Title	Memorandum to S. Whaley Re: High-Level Waste Repository Review: Adequacy of Post-Closure Margin of Subcriticality.
5. Subject matter description	Margin of Subcriticality
6. Author(s) name, job title/capacity, affiliation	Christopher Tripp, Senior Nuclear Process Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Sheena Whaley, Branch Chief, Engineering Branch, NRC
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Adequacy of DOE post-closure criticality analyses.
11. Explanation why document is deliberative	The document reflects preliminary opinions on compliance with Part 63 regulatory requirements for NRC management. This memorandum contains analyses by NRC staff of material that, at the time the memorandum was drafted, DOE had indicated would be provided in support of the License Application. The information analyzed in the memorandum was provided in support of the license application and the analysis in the memorandum is being considered during the Staff's development of the SER.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	Memorandum
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030982
2. ADAMS accession number	ML081830068
3. Document date	06/11/2008
4. Title	2008/06/11 HLW-Yucca Mountain - For Your Consideration.
5. Subject matter description	NRC Review of License Application
6. Author(s) name, job title/capacity, affiliation	Bret Leslie, Senior Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	King Stablein, Branch Chief, Project Management Branch B, NRC
	Jack Guttman, Branch Chief, Performance Assessment Branch, NRC
	Eugene Peters, Branch Chief, Repository Site Branch, NRC
	James Rubenstone, Branch Chief, Project Management Branch A, NRC
	Sheena Whaley, Branch Chief, Engineering Branch, NRC
	Keith Axler, Group Manager, CNWRA
	Asadul Chowdhury, Group Manager, CNWRA
	Philippe Dubreuilh, Group Manager, CNWRA
	Robert Lenhard, Group Manager, CNWRA
	English Percy, Group Manager, CNWRA
James Winterle, Group Manager, CNWRA	
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC or CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Acceptability of license application for docketing and potential issues of compliance with Part 63.
11. Explanation why document is deliberative	Email discusses preliminary views and recommendations regarding the NRC staff's docketing review and evaluation of compliance with Part 63.

12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031135
2. ADAMS accession number	ML081830065
3. Document date	10/24/2007
4. Title	2007/10/24 HLW-Yucca Mountain - Re: ACTION - - Please Help with Review of Supplemental EIS
5. Subject matter description	Review of SEIS
6. Author(s) name, job title/capacity, affiliation	John Trapp, Senior Geologist, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Christine Pineda, Senior Project Manager (NEPA), NRC
	Jack Guttman, Branch Chief, Repository Site Branch, NRC
	Keith Compton, Senior Systems Performance Analyst, NRC
	Tianqing Cao, Senior Seismologist, NRC
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Decision on whether to submit NRC comments on draft SEIS during public comment period.
11. Explanation why document is deliberative	Staff are discussing preliminary views and recommendations regarding the decision to submit comments on draft SEIS during the public comment phase, in advance of the Adoption Determination Decision, and, if so, what comments to provide.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000030793
2. ADAMS accession number	ML082590613
3. Document date	06/23/2008
4. Title	2008/06/23 HLW-Yucca Mountain - RE: RE (2): TSPA LA Review
5. Subject matter description	Evaluation of DOE TSPA
6. Author(s) name, job title/capacity, affiliation	Tae Ahn, Senior Material Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	David Pickett, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC and CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Compliance with regulatory requirements in 10 CFR Part 63.
11. Explanation why document is deliberative	Discusses preliminary views on technical issues in the NRC staff's ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031525
2. ADAMS accession number	ML093480502
3. Document date	12/08/2009
4. Title	2009/12/08 HLW-Yucca Mountain - Bullets Regarding DOE QA Program
5. Subject matter description	Department of Energy Quality Assurance Program
6. Author(s) name, job title/capacity, affiliation	Thomas Matula, Senior Project Manager (QA), NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Robert Pettis, Senior Reactor Engineer, NRC
	Dale Thatcher, Branch Chief, NRR/DE/EQVB, NRC
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031523
2. ADAMS accession number	ML082590598
3. Document date	06/25/2008
4. Title	2008/06/25 HLW-Yucca Mountain - RE: KTI Agreements
5. Subject matter description	Disposal criticality analysis
6. Author(s) name, job title/capacity, affiliation	Oleg Povetko, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Tae Ahn, Senior Material Engineer, NRC
	David Pickett, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC or CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Completeness of DOE license application for docketing (decision issued September 8, 2008), and content of potential staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views during review of DOE license application and regarding potential License Application review.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000031528
2. ADAMS accession number	ML090710239
3. Document date	02/16/2009
4. Title	2009/02/16 HLW-Yucca Mountain - FW: LLWF fire frequency
5. Subject matter description	Analysis of fire frequency
6. Author(s) name, job title/capacity, affiliation	Ronald Janetzke, Technical Reviewer, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	George Adams, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressee are CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None



**Deliberative Process Privilege**

1. LSN header number	NRC000031529
2. ADAMS accession number	ML081610223
3. Document date	12/10/2007
4. Title	2007/12/10 HLW-Yucca Mountain - Fwd: FYI - BIWEEKLY MANAGEMENT CALL WITH OCWRM (OUO)
5. Subject matter description	NRC oversight of license applicants
6. Author(s) name, job title/capacity, affiliation	Leonard Wert, Director, Division of Nuclear Materials Safety, Region IV, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Blair Spitzberg, Chief, Repository and Spent Fuel Safety Branch, NRC
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Potential extent of NRC oversight of DOE/OCRWM if a Yucca Mountain license application is submitted.
11. Explanation why document is deliberative	Discusses possible NRC actions during potential license review.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031521
2. ADAMS accession number	ML090260678
3. Document date	11/04/2008
4. Title	2008/11/04 HLW-Yucca Mountain - RE(2): Salt separation RAI in localized corrosion
5. Subject matter description	In-drift environment
6. Author(s) name, job title/capacity, affiliation	Tae Ahn, Senior Material Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Tae Ahn, Senior Material Engineer, NRC
	Roberto Pabalan, Technical Reviewer, CNWRA
	David Brooks, Senior Project Manager, NRC
	Todd Mintz, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	James Myers, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC or CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000031527
2. ADAMS accession number	ML090260679
3. Document date	11/04/2008
4. Title	2008/11/04 HLW-Yucca Mountain - RE(3): Salt separation RAI in localized corrosion
5. Subject matter description	In-drift environment
6. Author(s) name, job title/capacity, affiliation	Tae Ahn, Senior Material Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Tae Ahn, Senior Material Engineer, NRC
	Roberto Pabalan, Technical Reviewer, CNWRA
	David Brooks, Senior Project Manager, NRC
	Todd Mintz, Technical Reviewer, CNWRA
	James Myers, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC or CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031526
2. ADAMS accession number	ML090260677
3. Document date	11/04/2008
4. Title	2008/11/04 HLW-Yucca Mountain - RE: Salt separation RAI in localized corrosion
5. Subject matter description	In-drift environment
6. Author(s) name, job title/capacity, affiliation	Tae Ahn, Senior Material Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Roberto Pabalan, Technical Reviewer, CNWRA
	David Brooks, Senior Project Manager, NRC
	Todd Mintz, Technical Reviewer, CNWRA
	James Myers, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC or CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

<b>Deliberative Process Privilege</b>	
1. LSN header number	NRC000031522
2. ADAMS accession number	ML083020676
3. Document date	09/18/2008
4. Title	2008/09/18 HLW-Yucca Mountain - update to the drift seepage section
5. Subject matter description	In-drift environment
6. Author(s) name, job title/capacity, affiliation	Jin-Ping Gwo, Systems Performance Analyst, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Timothy McCartin, Senior Advisor, Performance Assessment, NRC
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031520
2. ADAMS accession number	ML083020640
3. Document date	10/24/2008
4. Title	2008/10/24 HLW-Yucca Mountain - RE: SZ1: evaluation sections
5. Subject matter description	Saturated zone flow
6. Author(s) name, job title/capacity, affiliation	James Winterle, Group Manager, CNWRA
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Jin-Ping Gwo, Systems Performance Analyst, NRC Alexander Sun, Technical Reviewer, CNWRA
8. Relationship between persons listed in 6 and 7	The author and addressees are NRC or CNWRA employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031524
2. ADAMS accession number	ML090420294
3. Document date	01/29/2009
4. Title	2009/01/29 HLW-Yucca Mountain - FW: Need your input on applying THERP
5. Subject matter description	Human Factors Analysis
6. Author(s) name, job title/capacity, affiliation	James Chang, Human Reliability Engineer, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Gareth Parry, Senior Technical Advisor for Probabilistic Safety Assessment, NRC
8. Relationship between persons listed in 6 and 7	The author and addressee are NRC employees.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	Content of staff Safety Evaluation Report on DOE's License Application.
11. Explanation why document is deliberative	Document contains staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-Mail
15. Other privileges/protective claimed	None

**Deliberative Process Privilege**

1. LSN header number	NRC000031585
2. ADAMS accession number	ML091170213
3. Document date	04/03/2009
4. Title	FW: SIR Team Meeting DD-DS-final.ppt
5. Subject matter description	Staff review of Engineered Barrier Performance
6. Author(s) name, job title/capacity, affiliation	Christian Jacobs, Senior Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Bret Leslie, Senior Project Manager, NRC
	Brittain Hill, Senior-Advisor-Science, NRC
	Eugene Peters, Branch Chief, Repository Site Branch, NRC
	Gordon Wittmeyer, Technical Reviewer, CNWRA
	Jack Guttman, Branch Chief, Performance Assessment Branch, NRC
	James Rubenstone, Branch Chief, Project Management Branch A, NRC
	Mahendra Shah, Senior Advisor-Engineering, NRC
	Marian Zobler, Assistant General Counsel for the High-Level Waste Repository Program, NRC
	King Stablein, Branch Chief, Project Management Branch B, NRC
	Roberto Pabalan, Technical Reviewer, CNWRA
	Sheena Whaley, Branch Chief, Engineering Branch, NRC
	Sitakanta Mohanty, Technical Reviewer, CNWRA
	Timothy McCartin, Senior Advisor, Performance Assessment, NRC
8. Relationship between persons listed in 6 and 7	The author is an NRC employee; the addressees are NRC employees and contractors.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate



10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to Staff review of DOE License Application.
11. Explanation why document is deliberative	Document includes preliminary staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-mail
15. Other privileges/protective claimed	None

**NRC Primary Privilege Log**

Date: 01/29/2010

Addendum: Supplements, Withdrawals, Corrections and DPP Privilege Log

Change Type: **Supplements****Deliberative Process Privilege**

1. LSN header number	NRC000031585
2. ADAMS accession number	ML091170213
3. Document date	04/03/2009
4. Title	FW: SIR Team Meeting DD-DS-final.ppt
5. Subject matter description	Staff review of Engineered Barrier Performance
6. Author(s) name, job title/capacity, affiliation	Christian Jacobs, Senior Project Manager, NRC
7. Addressee(s) name, job title/capacity, affiliation (excluding clerical support staff)	Bret Leslie, Senior Project Manager, NRC
	Brittain Hill, Senior-Advisor-Science, NRC
	Eugene Peters, Branch Chief, Repository Site Branch, NRC
	Gordon Wittmeyer, Technical Reviewer, CNWRA
	Jack Guttman, Branch Chief, Performance Assessment Branch, NRC
	James Rubenstone, Branch Chief, Project Management Branch A, NRC
	Mahendra Shah, Senior Advisor-Engineering, NRC
	Marian Zobler, Assistant General Counsel for the High-Level Waste Repository Program, NRC
	King Stablein, Branch Chief, Project Management Branch B, NRC
	Roberto Pabalan, Technical Reviewer, CNWRA
	Sheena Whaley, Branch Chief, Engineering Branch, NRC
	Sitakanta Mohanty, Technical Reviewer, CNWRA
	Timothy McCartin, Senior Advisor, Performance Assessment, NRC

8. Relationship between persons listed in 6 and 7	The author is an NRC employee; the addressees are NRC employees and contractors.
9. Name, job title/capacity, organizational position of official who determined that the document meets deliberative process privilege requirements	Aby Mohseni, Deputy Director, Licensing and Inspection Directorate
10. Specific decision, potential decision, or decision-making process and date of decision (if any)	This document relates to Staff review of DOE License Application.
11. Explanation why document is deliberative	Document includes preliminary staff discussion of views in ongoing review of DOE license application.
12. Affirmation that document is not a "circulated draft"	This document is not a circulated draft.
13. Explanation why factual information cannot be segregated	Factual material is intertwined with the deliberations.
14. Type of document	E-mail
15. Other privileges/protective claimed	None

Change Type: **Withdrawals**

None.

Change Type: **Corrections**

None.

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 CERTIFICATION OF LICENSING SUPPORT NETWORK SUPPLEMENTATION" in the above-captioned proceeding have been served on the following persons this 29<sup>th</sup> day of January, 2010, by Electronic Information Exchange.

CAB 04

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