
DOE Primary Privilege Log

Date: 02-JAN-08

Addendum: Withdrawals, Corrections to LWP Privilege Log

Change Type **Supplements**

Participant Accession No.	NONE
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Change Type Withdrawals

Participant Accession No.	ALA.20051003.2939
LSN Accession Number	DN2002335570
Doc Date	20050727
Title	Re: Attorney-Client Privileged - - Predecisional Draft - - Possible addition to Tables in SAR 2.1
Subject Matter Description	This document contains an email discussion about draft SAR sections 2.1 and 4, with an emphasis on igneous events.
Authors	Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Division Team Member
Recipients	Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates Senior Engineering Specialist Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gamble, Robert / MTS / Booz-Allen Support Contract Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Smistad, Eric / DOE / OCRWM Official Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Weaver, Douglas / SNL / Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I
Author Recipient Relationship	The author is an official within OCRWM. The recipients are other OCRWM officials, DOE counsel and DOE M&O contractor with responsibility for the subject matter of the communication.
Purpose Of Document	This document provides D. Barr's recommended changes to draft SAR sections 2.1, 2.3, and 4. It also contains her analysis on igneous intrusions, which has also provided to counsel (OGC) for the preparation of his legal analysis on that issue.
Confidentiality Statement	Marked Predecisional Marked Attorney-Client Privileged This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Other Privilege Types	ACP-attorney to client DPP;
Participant Accession No.	ALA.20051018.4774
LSN Accession Number	DN2002330555
Doc Date	20050827
Title	FW: SAR Section 2.3.4 action item - PRIVILEGED (From: Richard Quittmeyer)
Subject Matter Description	This document concerns Section 2.3.4 of the draft License Application.
Authors	Reynolds, Myles / Hunton & Williams, LLP / Attorney
Recipients	Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Quittmeyer, Richard C. / BSC Repository Development - Seismic Studies / Integrated Science Solutions, Inc. (ISSI) Principal Scientist
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are with DOE's M&O contractor and also include Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice.
Purpose Of Document	Attorney comments on draft SAR. Make recommendation for a decision. The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision.
Confidentiality Statement	Marked Attorney Client Communication Marked Predecisional This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL
LWP Privilege Types	LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)

Other Privilege Types	ACP-attorney to client; ACP-client to attorney DPP;
Participant Accession No.	ALA.20051102.5167
LSN Accession Number	DN2002331917
Doc Date	20050916
Title	Low Probabilty Events and Median
Subject Matter Description	This document is the attachment to the September 16, 2005 email from Mark Nutt to Janine Sweeney which is on the privilege log.
Authors	Nutt, Mark/ Golder Associates/ OCRWM Contractor
Recipients	Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney
Author Recipient Relationship	The author is a DOE contractor, and the recipient is with DOE's Office of General Counsel.
Purpose Of Document	DOE contractor, M. Nutt, is providing information to Janine Sweeney in order for her to provide confidential legal advice to DOE regarding proposed revisions 40 CFR 197.
Confidentiality Statement	The document is marked Attorney-Client Privilege, Work Product Immunity, and Confidential. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	DATA EMAIL-ATT REPORT
LWP Privilege Types	LWP-other (OPINION)
Other Privilege Types	ACP-client to attorney
Participant Accession No.	ALA.20060111.1738
LSN Accession Number	DN2002469690
Doc Date	20051103
Title	Re: Crane Design - load combinations
Subject Matter Description	Email re supporting documentation on SAR sections
Authors	Pernisi, Denise A./ BSC Repository Development - Management Administrative Support/ Ployhar, Steve / DOE- OCRWM /
Recipients	Cereghino, Stephen J./ BSC Repository Development - Conversion/ Pendleton, Martha W./ BSC Repository Development - Conversion/ Ployhar, Steve/ BSC/ Rusinko, Barbara / B.E./ BSC / Engineer Skoblar, Leonard / BSC Repository Development - Regulatory Coordination Group / Beckman & Associates (B&A) or (BAA) Senior Engineer I
Author Recipient Relationship	The authors are DOE M&O contractor personnel. The recipients are counsel for M&O personnel and other YMP personnel with responsibility for the subject matter.
Purpose Of Document	This document seeks project documentation on draft SAR sections
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Attorney-Client Communication Marked LSN: Relevant - Privileged This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL
LWP Privilege Types	LWP-other (OPINION)
Other Privilege Types	DPP
Participant Accession No.	ALA.20061030.1977
LSN Accession Number	DN2002469482
Doc Date	20040706
Title	PRIVILEGED - Summary table of differences and other request; Changes to TSPA Model since Final EIS_revb
Subject Matter Description	The subject matter of this table is assumptions used in peak dose calculation.
Authors	Andrews, Robert W./ BSC Repository Development - Conversion/
Recipients	Rivers Jr., Joe / Jason Technology Associates Corp / OCRWM contractor Sweeney, Janine / DOE - Office of General Counsel (OGC) / attorney
Author Recipient Relationship	The author is a DOE M&O contractor personnel. The recipient is an DOE OGC attorney who works on YMP matters. A copy was sent as well to a DOE contractor personnel who was assisting counsel on the matter.
Purpose Of Document	The purpose of this document is to provide an analysis of the sensitivity of certain assumptions in the peak dose analysis. The document was prepared at DOE counsel's request to assist counsel advise DOE with respect to the License Application and the licensing proceeding.

Confidentiality Statement	This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	DATA EMAIL-ATT
LWP Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION)
Other Privilege Types	ACP-client to attorney
Participant Accession No.	ALA.20061030.2042
LSN Accession Number	DN2002470066
Doc Date	20041206
Title	Re: Draft Peak Dose Scope for Climate/Flux - CONFIDENTIAL--PROTECTED BY ATTORNEY-CLIENT PRIVILEGE AND WORK PRODUCT IMMUNITY
Subject Matter Description	This email chain addresses the impact of long-term climate change and long-term percolation flux on repository performance out to the time of peak dose.
Authors	Andrews, Robert W. / BSC Repository Development / Senior Project Manager Williams, Mark / DOE / OCRWM Official
Recipients	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Yunker, Jean L. / BSC Repository Development - Chief Science Officer / Manager of Technology I
Author Recipient Relationship	The author and recipients, including an attorney, support the YMP and work on developing the license application.
Purpose Of Document	The purpose of this email chain is to provide to counsel a work scope description to address the impact of long-term climate change and long-term percolation flux on repository performance out to the time of peak dose. It was prepared to assist counsel in advising DOE on possible peak dose regulations.
Confidentiality Statement	Marked Attorney Client Privilege Marked Confidential Marked Attorney Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL
LWP Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION)
Other Privilege Types	ACP-client to attorney DPP;
Participant Accession No.	ALA.20061030.2476
LSN Accession Number	DN2002464476
Doc Date	20040512
Title	PERFORMANCE CONFIRMATION: YMRP COMPARED TO REV. 3; CHART YMRP PC Requirements compare Rev 3(v5)
Subject Matter Description	This is the attachment to the October 24, 2006 memorandum of Edward Noonan, which is on the privilege log.
Authors	Noonan, Edward/H&W LLP/Attorney
Recipients	Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Edwards, W J./ Hunton & Williams, LLP/ Attorney Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney
Author Recipient Relationship	The author is an attorney with DOE's outside counsel, and the recipients are lawyers at DOE's OGC and outside counsel as well as an OCRWM official.
Purpose Of Document	The document provides confidential legal advice on the draft Performance Confirmation Plan, from the perspective of regulatory compliance and other legal issues.
Confidentiality Statement	Marked Privileged and Confidential Marked Attorney Communication Marked Attorney Work Product This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	DATA EMAIL-ATT LIST REPORT

LWP Privilege Types	LWP-prepared by attorney (OPINION)
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20070426.1439
LSN Accession Number	DN2002481335
Doc Date	20061213
Title	Consolidated PCSA CDR all comments
Subject Matter Description	This document conveys the authors', including Matt Urie's of OGC, comments and recommended changes on the License Application CDR dealing with preclosure safety analysis.
Authors	Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ OCRWM official Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney Williams, Mark H./ DOE/ OCRWM official
Recipients	Bailey, Jack/ BSC Repository Development - Licensing Defense/ OCRWM contractor Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Boyle, William J/ DOE - OCRWM Office of Repository Development/ OCRWM official Bradbury, Robert/ MTS - Licensing/ OCRWM contractor Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ OCRWM official Crawford, David / DOE / OCRWM official DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Dyer, J. Russell / DOE - OCRWM Office of Repository Development/ OCRWM official Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Franklin, David/ Navy Reactors/ NNPP official Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ OCRWM contractor Gonzales, Jaime / DOE / OCRWM Official Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ OCRWM official Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/ OCRWM official Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ OCRWM official Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ OCRWM official Linhart, James G./ DOE - OCRWM/ OCRWM official Lugo, Michael A./ BSC/ OCRWM contractor Powers, K.W. (Ken)/ DOE/OCRWM/ OCRWM official Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Wade, Scott A./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/ OCRWM official Warther, Robert/ DOE/RW/ OCRWM official Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor
Author Recipient Relationship	The authors are officials within OCRWM and a lawyer with OGC. The recipients are also OCRWM officials, lawyers with OGC and outside licensing counsel, and OCRWM's contractors who have responsibility over the subject matter area.
Purpose Of Document	The authors are relating their comments on the License Application Conceptual Design Report (CDR). This document also relates the legal analysis of Matt Urie, of the OGC, on the preclosure safety analysis of the draft LA/SAR. The CDR is a document that discusses and analyzes the then-current state of the draft LA/SAR, compares that draft against the previous version, identifies potential issues that could arise in the licensing proceeding, and proposes strategies for addressing these issues.
Confidentiality Statement	Marked Deliberative Process Privileged This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20070426.2239
LSN Accession Number	DN2002462420
Doc Date	20061116
Title	Fw: Thermal strategy risk
Subject Matter Description	This email chain addresses issues associated with thermal management and the acceptance of spent fuel.
Authors	Freeman, Patricia / BSC / Kacich, Richard / /
Recipients	Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager Bonano, Evaristo J. / Sandia National Laboratory (SNL) Support Staff Team Member

Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead
 Fillmore, Robert M. / Hunton & Williams, LLP / Attorney
 Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney
 Siefken, David L. / BSC Repository Development - Waste Management Integration / PMC Technologies, Inc. Engineering Supervisor
 Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney
 Warther, Robert / DOE - OCRWM / Licensing Manager
 Williams, Jeffrey R./ DOE - OCRWM Office of Science and Technology and International/
 Williams, Mark H. / DOE - OCRWM / Licensing Director

Author Recipient Relationship	These personnel are attorneys and project personnel working on the licensing application and the technical assumptions supporting the application.
Purpose Of Document	The purpose of this email chain is to discuss a thermal management strategy and related licensing, litigation, and overall project risks.
Confidentiality Statement	Marked Privileged This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Other Privilege Types	ACP-client to attorney

Participant Accession No.	ALA.20070426.2283
LSN Accession Number	DN2002469166
Doc Date	20061220
Title	Consolidated LA Product Baseline and Engineering products list all comments R1 jb input
Subject Matter Description	Comment Sheet on LA Product Baseline and Engineering Products List containing comments from DOE outside counsel

Authors	Dyer, J. Russell / DOE - OCRWM Office of the Chief Scientist / Lead Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Williams, Mark /DOE/ Licensing Director
Recipients	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Lugo, Michael / BSC Regulatory Integration / Work Package Manager Saldarini, James / DOE /

Author Recipient Relationship	The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters with additional input by three OCRWM officials.
Purpose Of Document	The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues.
Confidentiality Statement	This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Deliberative Process Privileged
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)
Other Privilege Types	ACP-attorney to client

Participant Accession No.	ALA.20070426.3151
LSN Accession Number	DN2002457409
Doc Date	20061212
Title	LA Risk Register - Post Docketing and Other Risk Issues-Comments- Legal Comments 12-12-06
Subject Matter Description	The document concerns a draft register DOE was preparing to identify potential issues that could arise in the licensing proceeding and developing potential responses to them.
Authors	Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney
Recipients	Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Crosland, Martha / DOE / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Hunemuller, Neal / DOE OCRWM / RAO McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs Neumayr, Mary / DOE / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney

Warther, Robert / DOE / LA Manager

Author Recipient Relationship	The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are other attorneys with the DOE OGC and with DOE's outside licensing counsel and YMP personnel responsible for preparation of the draft document that is the subject of counsel's advice.
Purpose Of Document	The document provides confidential legal advice on the referenced draft document
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20070504.1158
LSN Accession Number	DN2002457910
Doc Date	20070208
Title	Programmatic CDR REV 01_with_signatures
Subject Matter Description	The document concerns the programmatic sections of the draft License Application.
Authors	Saldarini, James C. / Bechtel - SAIC / LA Project Manager Weaver, E. M. / Bechtel - SAIC / BSC Group Lead
Recipients	Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Bonano, Evaristo J. / Sandia National Laboratory (SNL) Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Crawford, David /DOE OCRWM Donnell, John / MTS/Shaw Group / OCRWM contractor Dunn, Thomas / BSC / Dyer, J. Russell / DOE - OCRWM Office of the Chief Scientist / Lead Franklin, David / Navy Reactors / NNPP official Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Kacich, Richard /DOE OCRWM Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director Linhart, James G. / DOE - OCRWM / Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I Shrader, Todd / DOE / OCRWM Official Tosetti, Richard / BSC / Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Warther, Robert F. / OCRWM / Federal LA Project Director Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director Williams, Mark H. / DOE OCRWM/licensing director
Author Recipient Relationship	The authors and recipients are DOE officials, DOE counsel, and DOE M&O contractor personnel responsible for preparing and finalizing DOE's LA in compliance with applicable regulatory requirements and guidance.
Purpose Of Document	The Yucca Mountain Repository License Application Conceptual Design Report was drafted to propose and recommend to DOE suitable plans for ensuring that the LA satisfies applicable regulatory requirements and guidance with respect to programmatic requirements.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Other Privilege Types	DPP

Participant Accession No.	ALA.20070511.2444
LSN Accession Number	DN2002469367
Doc Date	20070223
Title	PRIVILEGED CONFIDENTIAL - Review of DELIVERABLE TECHNICAL WORK PLAN FOR: TOTAL SYSTEM PERFORMANCE ASSESSMENT FY 07-08 ACTIVITIES, TWP-MGR-PA-000045 REV 01
Subject Matter Description	The document's subject is the author's comments and questions on the document referenced in the title.
Authors	Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager
Recipients	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Williams, Mark H. / DOE / Licensing Director
Author Recipient Relationship	The author and recipients are DOE OCRWM personnel who have responsibility for preparation of the draft document that is the subject of the author's comments and questions. The recipients also include a DOE OGC attorney whose advice is sought.
Purpose Of Document	The purpose is to convey the author's comments and questions regarding the subject document itself and by comparison to the TSPA-LA and to seek legal advice regarding same.
Confidentiality Statement	This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked PRIVILEGED CONFIDENTIAL Marked Predecisional Deliberative Process Marked Litigation Work Product This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL
LWP Privilege Types	LWP-other (OPINION)
Other Privilege Types	ACP-client to attorney

Participant Accession No.	ALA.20070511.4558
LSN Accession Number	DN2002470699
Doc Date	20070214
Title	ANL-NBS-HS-000034 REV02_Comment Sheet
Subject Matter Description	The document concerns the Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model.
Authors	Pickens, John / Sandia / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document identifies issues regarding the referenced document that could be raised via contentions in the licensing proceeding and makes recommendations on how to address them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070511.4559
LSN Accession Number	DN2002469727
Doc Date	20070214
Title	ANL-NBS-HS-000034 REV02_Review Summary
Subject Matter Description	The document concerns the Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model
Authors	Pickens, John / Sandia / OCRWM contractor
Recipients	Lum, Clinton C./ Sandia / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are Sandia personnel who were tasked to perform the referenced analysis.
Purpose Of Document	The document identifies potential issues that could be raised regarding the referenced document via contentions in the licensing proceeding and makes recommendations on how to deal with them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only

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Doc Type **EMAIL-ATT**
LWP Privilege Types **LWP-other (FACT);**
LWP-other (OPINION)

Participant Accession No. **ALA.20070511.4560**
LSN Accession Number **DN2002470826**
Doc Date **20070125**
Title **ANL-NBS-HS-000054-Rev00-ACN01 Vulnerability Review WEN**
Subject Matter Description **The document concerns the Data Analysis for Infiltration Modeling: Bedrock Saturated Hyrdaulic Conductivity Calculation.**
Authors **Nichols, William E. / Sandia / OCRWM contractor**
Recipients **Lum, Clinton C./ Sandia / OCRWM contractor**
Vaughan, Palmer / Sandia National Laboratory / OCRWM contractor
Author Recipient Relationship **The author and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.**
Purpose Of Document **The document was prepared at DOE's request to identify potential contentions that could be raised in the licensing proceeding regarding the referenced document, to assist DOE in preparing for the licensing proceeding.**
Confidentiality Statement **Marked Privileged and Confidential**
Marked Litigation Work Product
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This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.

Doc Type **EMAIL-ATT**
LWP Privilege Types **LWP-other (FACT);**
LWP-other (OPINION)

Participant Accession No. **ALA.20070511.4604**
LSN Accession Number **DN2002469449**
Doc Date **20070220**
Title **ANL-NBS-HS-000055-Rev00 Vulnerability Review WEN 2**
Subject Matter Description **The document concerns that Data Analysis for Infiltration Modeling: Development of Soil Units and Associated Hydraulic Parameter Values.**
Authors **Nichols, William E. / Sandia / OCRWM contractor**
Recipients **Lum, Clinton C./ Sandia / OCRWM contractor**
Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship **The author and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.**
Purpose Of Document **The document identifies potential contentions that could be raised in the licensing proceeding concerning the referenced document and makes recommendations on how to address them, to assist DOE prepare for the license proceeding.**
Confidentiality Statement **Marked Privileged and Confidential**
Marked Litigation Work Product
This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
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Doc Type **EMAIL-ATT**
LWP Privilege Types **LWP-other (FACT);**
LWP-other (OPINION)

Participant Accession No. **ALA.20070511.4605**
LSN Accession Number **DN2002470993**
Doc Date **20070214**
Title **ATTH5U8U**
Subject Matter Description **The document concerns the DATA ANALYSIS FOR INFILTRATION MODELING: DEVELOPMENT OF SOIL UNITS & ASSOCIATED HYDRAULIC PARAMETER VALUES (ATTH5U8U)**
Authors **Adkins, Howard/ Sandia / OCRWM contractor**
Recipients **Lum, Clinton C./ Sandia / OCRWM contractor**
Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship **The authors and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.**
Purpose Of Document **The document identifies potential contentions that could be raised in the licensing proceeding regarding the referenced document and makes recommendations on how to address them, to assist DOE prepare for the licensing proceeding.**
Confidentiality Statement **Marked Official Use Only**
Marked Privileged and Confidential

Marked Litigation Work Product

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LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070511.4606
LSN Accession Number	DN2002469895
Doc Date	20070221
Title	Comment Sheet
Subject Matter Description	The document concerns the SEEPAGE MODEL FOR PA INCLUDING DRIFT COLLAPSE.
Authors	Nichols, William / Sandia / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The authors and recipients are Sandia personnel who were tasked by DOE to prepare the referenced analysis.
Purpose Of Document	The document identifies potential issues regarding the referenced document that could be raised via contentions in the licensing proceeding and makes recommendations on how to address them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070511.4608
LSN Accession Number	DN2002470734
Doc Date	20070215
Title	Comments_ANL-NBS-GS-000008-REV03
Subject Matter Description	The document concerns the Future Climate AMR.
Authors	Eslinger, Paul W. / Sandia / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The authors and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document identifies potential contentions that could be raised in the licensing proceeding regarding the referenced document and makes recommendations concerning those issues, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070511.4609
LSN Accession Number	DN2002469179
Doc Date	20070202
Title	Comments_ANL-NBS-MD-000003-REV01-ACN01
Subject Matter Description	The document concerns the Probability Distribution for Flowing Interval Spacing AMR.
Authors	Eslinger, Paul W. / Sandia / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document identifies potential issues that could be raised via contentions in the licensing proceeding regarding the referenced document and makes recommendations on how to address them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named

recipients.

Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070511.4612
LSN Accession Number	DN2002470786
Doc Date	20070221
Title	Review Summary
Subject Matter Description	The document concerns the SEEPAGE MODEL FOR PA INCLUDING DRIFT COLLAPSE(Review Summary)
Authors	Nichols, William E. / Sandia / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document identifies potential contentions that could be raised in the licensing proceeding regarding the referenced document and makes recommendations on who to address them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070511.4614
LSN Accession Number	DN2002469617
Doc Date	20070214
Title	Review-Summary
Subject Matter Description	The document concerns the DATA ANALYSIS FOR INFILTRATION MODELING: BEDROCK SATURATED HYDRAULIC CONDUCTIVITY CALCULATION.
Authors	Nichols, William E. / Sandia / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document identifies issues concerning the referenced document that could be raised via contentions in the licensing proceeding and makes recommendations concerning how to address them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070511.4615
LSN Accession Number	DN2002470202
Doc Date	20070215
Title	Review_Summary_ANL-NBS-GS-000008-REV03
Subject Matter Description	The document concerns the Future Climate AMR.
Authors	Eslinger, Paul W. / Sandia / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Vaughan, Palmer / Sandia National Laboratory / OCRWM contractor
Author Recipient Relationship	The author and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document identifies potential contentions that could be raised in the licensing proceeding regarding the referenced document and makes recommendations on how to address them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.

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Doc Type **EMAIL-ATT**

LWP Privilege Types **LWP-at attorneys direction (FACT);
LWP-at attorneys direction (OPINION);
LWP-other (FACT);
LWP-other (OPINION)
LWP-prepared by attorney (FACT);
LWP-prepared by attorney (OPINION);**

Participant Accession No. **ALA.20070511.4616**

LSN Accession Number **DN2002469566**

Doc Date **20070213**

Title **Review_Summary_ANL-NBS-MD-000003-REV01-ACN01**

Subject Matter Description **The document concerns the Probability Distribution for Flowing Interval Spacing AMR.**

Authors **Eslinger, Paul W. / Sandia / OCRWM contractor**

Recipients **Lum, Clinton C. / Sandia / OCRWM contractor
Vaughn, Palmer / Sandia / OCRWM contractor**

Author Recipient Relationship **The authors and recipients are Sandia personnel who were tasked by DOE to perform the referenced analysis.**

Purpose Of Document **The document identifies potential issues about the referenced document that could be raised via contentions in the licensing proceeding, to assist DOE prepare for the licensing proceeding.**

Confidentiality Statement **Marked Official Use Only
Marked Privileged and Confidential
Marked Litigation Work Product
This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
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Doc Type **EMAIL-ATT**

LWP Privilege Types **LWP-other (FACT);
LWP-other (OPINION)**

Participant Accession No. **ALA.20070515.4982**

LSN Accession Number **DN2002461378**

Doc Date **20070214**

Title **ANL-NBS-HS-000034 REV02_Comment Sheet**

Subject Matter Description **The document concerns the Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model.**

Authors **Pickens, John / SNL / OCRWM contractor**

Recipients **Lum, Clinton / SNL / OCRWM contractor
Schetnan, Richard / Sandia National Laboratory / OCRWM contractor
Vaughn, Palmer / SNL / OCRWM contractor**

Author Recipient Relationship **The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the referenced analysis.**

Purpose Of Document **The document provides the author's opinions and recommendations about issues that could be raised in the licensing proceeding regarding the referenced document, to assist DOE prepare for potential contentions in the licensing proceeding.**

Confidentiality Statement **Marked Official Use Only
Marked Privileged and Confidential
Marked Litigation Work Product
This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.**

Doc Type **EMAIL-ATT**

LWP Privilege Types **LWP-other (FACT);
LWP-other (OPINION)**

Participant Accession No. **ALA.20070515.4983**

LSN Accession Number **DN2002465223**

Doc Date **20070214**

Title **ANL-NBS-HS-000034 REV02_Review Summary**

Subject Matter Description **The document concerns the Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model.**

Authors **Pickens, John / SNL / OCRWM contractor**

Recipients **Lum, Clinton / SNL / OCRWM contractor
Schetnan, Richard / Sandia National Laboratory / OCRWM contractor
Vaughn, Palmer / SNL / OCRWM contractor**

Author Recipient Relationship **The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the subject**

	analysis.
Purpose Of Document	The document provides the author's opinions and recommendations about issues that could be raised in the licensing proceeding regarding the referenced document, to assist DOE prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070515.5128
LSN Accession Number	DN2002460923
Doc Date	20070125
Title	ANL-NBS-HS-000054-Rev00-ACN01 Vulnerability Review WEN
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Bedrock Sampling Hydraulic Conductivity Calculation.
Authors	Nichols, William E. / SNL / OCRWM contractor
Recipients	Lum, Clinton / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document provides the author's opinions and recommendations that could be raised in the licensing proceeding regarding the referenced document, to help DOE prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Litigation Work Product Marked Privileged and Confidential This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070515.5129
LSN Accession Number	DN2002467693
Doc Date	20070220
Title	ANL-NBS-HS-000055-Rev00 Vulnerability Review WEN 2
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Development of Soil Units and Associated Hydraulic Parameter Values.
Authors	Nichols, William E. / SNL / OCRWM contractor
Recipients	Lum, Clinton / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document provides the author's opinions and recommendations about issues that could be raised in the licensing proceeding regarding the referenced document, to assist DOE prepare for contentions in the licensing proceeding.
Confidentiality Statement	Marked Litigation Work Product Marked Privileged and Confidential This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070515.5131
LSN Accession Number	DN2002458328
Doc Date	20070214
Title	ATTH5U8U
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Development of Soil Units and Associated Hydraulic Parameter Values.
Authors	Nichols, William E. / SNL / OCRWM contractor

Recipients	Lum, Clinton / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vauhgn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document provides the author's recommendations and opinions about issues that could be raised in the licensing proceeding about the referenced document, to help DOE prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5132
LSN Accession Number	DN2002466129
Doc Date	20070221
Title	Comment Sheet
Subject Matter Description	The document concerns the Seepage Model for PA including Drift Collapse.
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vauhgn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document the author's opinions and recommendations on the referenced document regarding issues that could be raised in the licensing proceeding about the referenced document, to assist DOE in preparing for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Litigation Work Product Marked Privileged and Confidential This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5133
LSN Accession Number	DN2002459664
Doc Date	20070111
Title	Comments.ANL-NBS-MD-000009.Rev3
Subject Matter Description	The document concerns the Soil-Related Input Parameters for the Biosphere Model.
Authors	Kam, James / SNL / OCRWM contractor
Recipients	Lum, Clinton C. / BSC Repository Development - Engineered System / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vauhgn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document provides the author's opinions and recommendations regarding issues that could be raised in the licensing proceeding about the referenced document, to help DOE prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5134
LSN Accession Number	DN2002464787
Doc Date	20070215
Title	Comments_ANL-NBS-GS-000008-REV03

Subject Matter Description	The document concerns the Future Climate AMR.
Authors	Eslinger, Paul W. / SNL / OCRWM contractor
Recipients	Lum, Clinton / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to prepare the subject analysis.
Purpose Of Document	The document provides the author's opinions and recommendation that could be raised in the licensing proceeding regarding the referenced document, to assist DOE prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5135
LSN Accession Number	DN2002458151
Doc Date	20070202
Title	Comments ANL-NBS-MD-000003-REV01-ACN01
Subject Matter Description	The document concerns the Probability Distribution for Flowing Interval Spacing AMR.
Authors	Eslinger, Paul W. / SNL / OCRWM contractor
Recipients	Lum, Clinton / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document provides the author's opinions and recommendations about issues that could be raised in the licensing proceeding about the referenced document, to assist DOE prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5137
LSN Accession Number	DN2002464222
Doc Date	20070123
Title	Privileged and Confidential SCI-PRO-003-1 Final Comments on ANL-MGR-MD-000006 Rev 02
Subject Matter Description	The document concerns the Agricultural and Environmental Input Parameters for the Biosphere Model.
Authors	Buford, Jerry / SNL / OCRWM contractor
Recipients	Lum, Clinton C. / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP.
Purpose Of Document	The document provides the author's opinions and recommendations of issues that could be raised in the licensing proceeding regarding the referenced document, to assist DOE in preparing for contentions in the licensing proceeding.
Confidentiality Statement	Marked Litigation Work Product Marked Privileged and Confidential This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5139
LSN Accession Number	DN2002460079

Doc Date	20070221
Title	Review Summary
Subject Matter Description	The document concerns the Seepage Model for PA including Drift Collapse.
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP who were tasked by DOE to perform the requested analysis.
Purpose Of Document	The document provides the author's opinions and recommendations on issues that could be raised about the referenced document via contentions in the licensing proceeding. The analysis was undertaken to assist DOE prepare for contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5140
LSN Accession Number	DN2002463101
Doc Date	20070228
Title	Review Summary for ANL-NBS-MD-000009Rev3
Subject Matter Description	The document concerns the Soil-Related Input Parameters for the Biosphere Model.
Authors	Lum, Clinton C. / Sandia / OCRWM contractor
Recipients	Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP who were tasked by DOE to perform the requested analysis.
Purpose Of Document	The document provides the author's opinions and recommendations on the referenced document, to assist DOE prepare for contentions in the licensing proceeding.
Confidentiality Statement	This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5141
LSN Accession Number	DN2002458597
Doc Date	20070214
Title	Review-Summary
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation.
Authors	Nichols, William E. / Sandia National Laboratories / OCRWM contractor
Recipients	Lum, Clinton C. / Sandia / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / Sandia / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the referenced analysis.
Purpose Of Document	The document provides the author's opinions and recommendations about issues that could be raised in the licensing proceeding regarding the referenced analysis, to help DOE prepare for contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5142
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LSN Accession Number	DN2002463865
Doc Date	20070215
Title	Review_Summary_ANL-NBS-GS-000008-REV03
Subject Matter Description	The document concerns the Future Climate AMR.
Authors	Eslinger, Paul W. / SNL / OCRWM contractor
Recipients	Lum, Cinton / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The authors and recipients are SNL personnel who work on the YMP and who were tasked by DOE to prepare the subject analysis.
Purpose Of Document	The document provides the author's opinions and recommendations about issues that could be raised in the licensing proceeding about the referenced document, to assist DOE to prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.5143
LSN Accession Number	DN2002458061
Doc Date	20070213
Title	Review_Summary_ANL-NBS-MD-000003-REV01-ACN01
Subject Matter Description	The document concerns the Probability Distribution for Flowing Interval Spacing AMR.
Authors	Eslinger, Paul W. / SNL / OCRWM contractor
Recipients	Lum, Clinton / SNL / OCRWM contractor Schetnan, Richard / Sandia National Laboratory / OCRWM contractor Vaughn, Palmer / SNL / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document provides the author's opinions and recommendations about issues that could be raised in the licensing proceeding regarding the referenced document, to assist DOE prepare for potential contentions in the licensing proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070515.6652
LSN Accession Number	DN2002479188
Doc Date	20070322
Title	JESSENJ_Subsurface Design and Waste Package CDR_Rev 01_with_signatures[1]
Subject Matter Description	This is the Conceptual Design Report for the Subsurface Design and Waste Package sections of the License Application.
Authors	Bailey, Jack/ BSC Repository Development - Licensing Defense/ Saldarini, James/ BSC/ LA Project Manager Warther, Robert/ DOE/RW/ Federal LA Project Director
Recipients	Jessen, James P./ BSC Repository Development - Conversion/ Suarez, Diego/ BSC Repository Development - Conversion/
Author Recipient Relationship	The authors are DOE M&O contractor personnel and an OCRWM official. The recipients are also M&O contractor personnel who have responsibility for development of the subject matter of the document.
Purpose Of Document	The purpose of this document is to analyze the licensing approach, identify potential changes from previous versions of the draft LA/SAR, discuss possible changes to the current drafts of the LA/SAR, and recommends and analyzes revisions that should be made to the draft.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT

LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070517.2069
LSN Accession Number	DN2002470371
Doc Date	20040202
Title	_te consolidated3.xls
Subject Matter Description	Table describing and discussing items identified by NRC that may affect the docketing and / or defensibility of the License Application
Authors	Hobbs, Sam/ BSC Repository Development - Program Integration/
Recipients	Brown, Neil R. / BSC Repository Development / BSC Project Engineer
Author Recipient Relationship	The author and recipient are Yucca Mountain Project project personnel who have responsibility for decisions at issue which could affect the docketing and/or defensibility of the LA.
Purpose Of Document	The document analyzes items identified internally or by NRC and assesses effect of same on defensibility and/or docketing of LA.
Confidentiality Statement	Marked Privileged - Attorney Work Product Product Marked Prepared in Anticipation of Litigation This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070531.1103
LSN Accession Number	DN2002470331
Doc Date	20070403
Title	HOWARDR_Postclosure CDR Rev[1]. 01 Final1
Subject Matter Description	Yucca Mountain Repository License Application Conceptual Design Report
Authors	Bonano, Evaristo J. / Sandia National Laboratory (SNL) / OCRWM contractor Rogers, Ralph D. / Sandia National Laboratory (SNL) / OCRWM contractor
Recipients	Eddebarh, Al / Sandia National Laboratory (SNL) / OCRWM contractor Warther, Robert F. / OCRWM / Federal LA Project Director
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft LA Conceptual Design Report.
Purpose Of Document	To document the plans for ensuring that the LA content will satisfy applicable requirements regarding the technical changes to the Surface Design, Subsurface Design, Preclosure Safety Analysis, Postclosure Analysis and Activities, and Programmatic sections of the LA.
Confidentiality Statement	This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Privileged and Confidential Marked Litigation Work Product This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070531.2579
LSN Accession Number	DN2002467700
Doc Date	20070214
Title	ANL-NBS-HS-000034 REV02_Comment Sheet
Subject Matter Description	The document concerns the Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model, ANL-NBS-HS-000034 REV02
Authors	Pickens, John / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL employees who work on the YMP and who were tasked to prepare the subject analysis.
Purpose Of Document	The document identifies issues concerning the referenced document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT);

LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2580
LSN Accession Number	DN2002460076
Doc Date	20070214
Title	ANL-NBS-HS-000034 REV02_Review Summary
Subject Matter Description	The document concerns the Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model, ANL-NBS-HS-000034 REV02
Authors	Pickens, John / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL employees who work on the YMP and who were tasked by DOE to undertake the subject analysis.
Purpose Of Document	The document identifies issues with the referenced document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2581
LSN Accession Number	DN2002464416
Doc Date	20070125
Title	ANL-NBS-HS-000054-Rev00-ACN01 Vulnerability Review WEN
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation, ANL-NBS-HS-000054-Rev00-ACN01
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The authors and recipients are SNL employees who work on the YMP and who were tasked by DOE to prepare the subject analysis.
Purpose Of Document	The document identifies issues that could be raised in the licensing proceeding regarding the referenced document, to help DOE prepare for contentions.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2582
LSN Accession Number	DN2002461328
Doc Date	20070220
Title	ANL-NBS-HS-000055-Rev00 Vulnerability Review WEN 2
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Development of Soil Units and Associated Hydraulic Parameter Values, ANL-NBS-HS-000055- Rev00
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The authors and recipients are SNL employees who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document identifies issues that could be raised in the licensing proceeding regarding the referenced document, to help DOE prepare for contentions.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT);

LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2584
LSN Accession Number	DN2002462794
Doc Date	20070214
Title	ATTH5U8U
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Development of Soil Units and Associated Hydraulic Parameter Values, ANL-NBS-HS-000055
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL employees who work on the YMP and who were tasked by DOE to perform that subject analyses.
Purpose Of Document	The document identifies issues regarding the referenced document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2585
LSN Accession Number	DN2002457422
Doc Date	20070221
Title	Comment Sheet
Subject Matter Description	The document concerns the Seepage Model for PA Including Drift Collapse, MDL-NBL-HS-000002
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL employees who work on YMP matters and who were tasked by DOE to prepare the subject analyses.
Purpose Of Document	The document identifies issues that could be raised in the licensing proceeding regarding the referenced document, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2587
LSN Accession Number	DN2002464757
Doc Date	20070215
Title	Comments ANL-NBS-GS-000008-REV03
Subject Matter Description	The document concerns the Future Climate Analysis, ANL-NBS-GS-000008-REV03
Authors	Eslinger, Paul W. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipient are SNL employees who work on the YMP and who were tasked by DOE to prepare the subject analysis.
Purpose Of Document	The document identifies issues concerning the document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT);

LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2588
LSN Accession Number	DN2002458274
Doc Date	20070202
Title	Comments_ANL-NBS-MD-000003-REV01-ACN01
Subject Matter Description	The document concerns the Probability Distribution for Rowing Interval Spacing, ANL-NBS-MD-000003-REV01-ACN01
Authors	Eslinger, Paul W. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The authors and recipients are employees of Sandia National Labs who work on YMP matters.
Purpose Of Document	The document provides an assessment of issues the could be raised concerning the referenced document in the licensing proceeding, to help DOE prepare for potential contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2590
LSN Accession Number	DN2002466712
Doc Date	20070123
Title	Privileged and Confidential SCI-PRO-003-1 Final Comments on ANL-MGR-MD-000006 Rev 02
Subject Matter Description	The document concerns the Agricultural and Environmental Input Parameters for the Biosphere Model, ANL-MGR-MD-000006 Rev 02
Authors	Burford, Jerry N. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL employees who work on the YMP and were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document identifies issues concerning the referenced document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2592
LSN Accession Number	DN2002460519
Doc Date	20070221
Title	Review Summary
Subject Matter Description	The document concerns the Seepage Model for PA Including Drift Collapse, MDL-NBL-HS-000002
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The authors and recipients are Sandia National Laboratory employees who work on the YMP.
Purpose Of Document	The document provides an analysis of the referenced document to identify issues that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2594
LSN Accession Number	DN2002467907
Doc Date	20070214
Title	Review-Summary
Subject Matter Description	The document concerns the Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation, ANL-NBS-HS-000054
Authors	Nichols, William E. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL employees who work on the YMP and who were tasked by DOE with performing the subject analysis.
Purpose Of Document	The document identifies issues concerning the referenced document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2595
LSN Accession Number	DN2002458854
Doc Date	20070215
Title	Review_Summary_ANL-NBS-GS-000008-REV03
Subject Matter Description	The document concerns the Future Climate Analysis, ANL-NBS-GS-000008-REV03
Authors	Eslinger, Paul W. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipients are SNL employees who work on the YMP and who were tasked with performing the subject analysis.
Purpose Of Document	The document identifies issues concerning the referenced document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070531.2738
LSN Accession Number	DN2002468765
Doc Date	20070213
Title	Review_Summary_ANL-NBS-MD-000003-REV01-ACN01
Subject Matter Description	The document concerns the Probablity Distribution for Flowing Interval Spacing, ANL-NBS-MD-000003-REV01-ACN01
Authors	Eslinger, Paul W. / Sandia National Laboratory / OCRWM contractor
Recipients	Marietta, Melvin G. / Sandia National Lab / OCRWM contractor Rechard, Robert P. / Sandia National Lab / OCRWM contractor
Author Recipient Relationship	The author and recipient are SNL employees who work on the YMP and who were tasked by DOE to perform the subject analysis.
Purpose Of Document	The document identifies issues concerning the referenced document that could be raised in the licensing proceeding, to help DOE prepare for contentions.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070711.7292
LSN Accession Number	DN2002466715
Doc Date	20070525
Title	Regulatory and PASIT evaluation of 2 liters per day source location
Subject Matter Description	This document is an attachment to the May 29, 2007 email of Jerry Burford addressing issues related to draft LA section 2.3.10.
Authors	The author of these comments is an OCRWM contractor with licencing-relaed responsibility for the subject addressed.
Recipients	Burford, Jerry / Sandia National Laboratory (SNL) / OCRWM contractor Goldstein, Barry / Sandia National Laboratory (SNL) / OCRWM contractor Lugo, Candace L. / Sandia National Laboratory (SNL) / OCRWM contractor Lum, Clinton C. / Sandia National Laboratory (SNL) / OCRWM contractor Nair, Prasad K. / Sandia National Laboratory (SNL) / OCRWM contractor Price, Laura / Sandia National Laboratory (SNL) / OCRWM contractor Raleigh, James J. / Sandia National Laboratory (SNL) / OCRWM contractor Rogers, Ralph D. / Sandia National Laboratory (SNL) / OCRWM contractor Smith, Anthony / Sandia National Laboratory (SNL) / OCRWM contractor Stanley, Andy / Sandia National Laboratory (SNL) / OCRWM contractor Wasiolek, Maryla A. / Sandia National Laboratory (SNL) / OCRWM contractor Wilson, Charles / Sandia National Laboratory (SNL) / OCRWM contractor
Author Recipient Relationship	The author and recipients are OCRWM contractors with licensing-related responsibility for the subject of the document.
Purpose Of Document	An evaluation of EPA, NRC, and PASIT analysis and documentation related to the 2 liters per day drinking water contamination and its relationship to licensing positions taken in draft LA section 2.3.10.
Confidentiality Statement	Marked Litigation Work Product Marked OUO Marked Privileged and Confidential This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (OPINION)
Other Privilege Types	DPP

Participant Accession No.	ALA.20070712.1820
LSN Accession Number	DN2002456889
Doc Date	20070517
Title	TWP-CRW-RL-000002 Rev 01
Subject Matter Description	The document concerns a process to enable DOE to identify and be able to respond to issues for potential contentions in the licensing proceeding.
Authors	Bonano, Evaristo J. /Sandia Lugo, Candace L. /Sandia
Recipients	Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist Stanley, Andy / SNL / Zhu, Ming / BSC Repository Development - Natural Systems / Integrated Science SOLUTIONS, Inc. (ISSI) Principal Scientist
Author Recipient Relationship	The authors are SNL employees who work on the YMP and who were tasked by DOE to prepare the subject document. The recipients are YMP personnel who have responsibility for the subject matter of the referenced document.
Purpose Of Document	The document provides the authors' recommended approach for identifying and preparing to respond to contentions in the licensing proceeding regarding technical products.
Confidentiality Statement	This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Official Use Only Marked Litigation Work Product Marked Privileged and Confidential This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070823.1140
LSN Accession Number	DN2002469735
Doc Date	20070611
Title	PRIVILEGED_Integration Issues_061107
Subject Matter Description	This document identifies action items and responsible personnel for issues related to Integration Issues-Surface / Subsurface / PCSA
Authors	Donnell, John / MTS/Shaw Group / OCRWM contractor

Recipients	<p>Abernathy, Larry / BSC /</p> <p>Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)</p> <p>Campbell, Christopher/ BSC Repository Development - KTI Completion Team/</p> <p>Cooper, Jerry / MTS</p> <p>Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booz Allen Hamilton (BAH) Nuclear Engineer / OCRWM contractor</p> <p>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</p> <p>Hitchler, Michael / MTS</p> <p>Hogg, Robert / MTS</p> <p>Jackson, Ronald / MTS</p> <p>Linden, Ronald / MTS - Post Closure Safety Analysis / Golder Associates Geological/Mining Engineer / OCRWM contractor</p> <p>Mallay, James / MTS</p> <p>Murphy, Edward / MTS</p> <p>Niebruegge, David / MTS</p> <p>Sequeira, Gary / MTS - Engineering & Design & Preclosure Safety Analysis / Booz Allen Hamilton (BAH) Systems Engineer / OCRWM contractor</p>
Author Recipient Relationship	The author and recipients are Yucca Mountain Project personnel, including an attorney with DOE OGC, who have responsibility for the subject areas identified on the Integration Issues-Surface / Subsurface / PCSA action item list.
Purpose Of Document	This document lists action items, names the personnel (including attorneys) responsible for addressing the item, and discusses the issues concerning Integration Issues-Surface / Subsurface / PCSA that require action in order to support LA completion.
Confidentiality Statement	<p>Marked Privileged and Confidential</p> <p>Marked Attorney Work Product</p> <p>Marked Attorney-Client Communication</p> <p>This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.</p> <p>This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.</p>
Doc Type	EMAIL-ATT
LWP Privilege Types	<p>LWP-at attorneys direction (FACT);</p> <p>LWP-at attorneys direction (OPINION)</p>
Other Privilege Types	<p>ACP-attorney to client;</p> <p>ACP-client to attorney;</p> <p>ACP-discusses attorneys advice</p>
Participant Accession No.	ALA.20070823.1926
LSN Accession Number	DN2002470043
Doc Date	20070604
Title	PRIVILEGED_Integration Issues_052907_sort3
Subject Matter Description	Integration Issues - Surface / Subsurface / PCSA 05/29/07 sort 3
Authors	Donnell, John / MTS/Shaw Group / OCRWM contractor
Recipients	<p>Bradbury, Robert/ MTS - Licensing / OCRWM contractor</p> <p>Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis / OCRWM contractor</p> <p>Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney</p> <p>Hobbs, Sam/ BSC Repository Development - Program Integration/</p> <p>Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis / OCRWM contractor</p>
Author Recipient Relationship	The author and recipient are Yucca Mountain Project personnel, including an attorney with DOE OGC, who have responsibility for addressing the action items set forth in the draft document.
Purpose Of Document	This document identifies action items, indicates the YMP personnel, including an attorney with DOE OGC, responsible for addressing the item, and discusses actions that need to be taken to support LA completion.
Confidentiality Statement	<p>Marked Privileged and Confidential</p> <p>Marked Attorney Work Product</p> <p>Marked Attorney-Client Communication</p> <p>This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.</p> <p>This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.</p>
Doc Type	EMAIL-ATT
LWP Privilege Types	<p>LWP-at attorneys direction (FACT);</p> <p>LWP-at attorneys direction (OPINION)</p>
Other Privilege Types	<p>ACP-attorney to client;</p> <p>ACP-client to attorney</p>
Participant Accession No.	ALA.20070829.1841
LSN Accession Number	DN2002470089
Doc Date	20061205
Title	LA Risk Register - Docketing Risks w Dec Paper 12_4

Subject Matter Description	The document identifies potential issues that could arise in the licensing proceeding that would delay docketing of the LA, and recommends potential strategies for addressing them.
Authors	Lugo, Candace L. / SNL / OCRWM contractor
Recipients	Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Beckman, Donald/ BSC Repository Development / Bonano, Evaristo J./ Sandia National Laboratories / OCRWM contractor Boyle, William J/ DOE - OCRWM Office of Repository Development/ Howard, Robert L./ BSC Repository Development - Conversion/ Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Nair, Prasad K./ BSC Repository Development - Design Interface & Integration/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/
Author Recipient Relationship	The author is a personnel with an OCRWM contractor for the YMP. The recipients are DOE OCRWM officials and other YMP contractor personnel with a need to know the information in the document, as they all work on the LA.
Purpose Of Document	The document is designed to assist DOE prepare for the licensing proceeding by identifying potential issues that could affect the proceeding and preparing plans to address those contingencies.
Confidentiality Statement	Marked Litigation Work Product Marked Privileged and Confidential This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document. This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070829.1845
LSN Accession Number	DN2002469813
Doc Date	20061205
Title	LA Risk Register - Post Dock & Other Risk Issues w Dec Paper 12_4
Subject Matter Description	The document provides an subjective opinion of potential issues that could arise in the licensing proceeding after the LA is docketed and proposes strategies for dealing with them in the event they occur.
Authors	Lugo, Candace L./ SNL / OCRWM contractor
Recipients	Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Beckman, Donald/ BSC Repository Development / Bonano, Evaristo J./ SNL / OCRWM contractor Boyle, William J/ DOE - OCRWM Office of Repository Development/ Howard, Robert L./ BSC Repository Development - Conversion/ Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Nair, Prasad K./ BSC Repository Development - Design Interface & Integration/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/
Author Recipient Relationship	The author is a personnel with an OCRWM contractor for the YMP. The document was sent to various DOE OCRWM officials and other YMP contractor personnel with a need to know the information contained in the document.
Purpose Of Document	The purpose of the document is to help DOE prepare for the contested phase of the licensing proceeding by identifying potential issues and developing plans to address them.
Confidentiality Statement	Marked Litigation Work Product Marked Privileged and Confidential This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070831.0756
LSN Accession Number	DN2002470880
Doc Date	20040926
Title	POSSIBLE VULNERABILITIES
Subject Matter Description	The document concerns open items on the draft TSD that could become issues in the licensing proceeding.
Authors	Benson, Carl J. / Bettis - Environmental, Safety, and Health /
Recipients	Daniels, Robert G. / Bettis Atomic Power Laboratory / NNPP contractor Follin, James N. / Bettis - Environmental, Safety, and Health / Manager / NNPP contractor Meyers, Linvel I. III / Bettis / Advisory Engineer / NNPP contractor
Author Recipient Relationship	The author and recipients are NNPP contractor personnel for the YMP who have responsibility for the subject areas and the TSD/SAR sections discussed in the document.

Purpose Of Document	The document identifies for action/resolution by NNPP management possible vulnerabilities that might arise in the licensing proceeding in connection with TSD sections 2.2.1.4 and SAR section 2.2, and makes recommendations concerning their disposition.
Confidentiality Statement	Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	E-MAIL
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070910.0133
LSN Accession Number	DN2002479143
Doc Date	20061026
Title	THERMAL MANAGEMENT ACTIVITIES
Subject Matter Description	The subject matter is the Thermal Management Strategy to incorporate into the license application.
Authors	Bailey, Jack / BSC Repository Development - Licensing & Nuclear Safety/ Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist
Recipients	DOE employees or contractors responsible for the subject draft LA (or SAR) sections/ /
Author Recipient Relationship	Authors and recipients are DOE employees or contractors responsible for developing the license application.
Purpose Of Document	The purpose is to provide an analysis of a thermal management strategy to maximize operational flexibility for emplacement and achieve successful license application docketing and review on the desired schedule.
Confidentiality Statement	Marked Privileged and Confidential Marked Predecisional Marked Deliberative Process Marked Litigation Work Product Marked Official Use Only
Doc Type	DATA
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Other Privilege Types	DPP
Participant Accession No.	ALA.20070910.0175
LSN Accession Number	DN2002469954
Doc Date	20070110
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS DATA ANALYSIS FOR INFILTRATION MODELING: BEDROCK SATURATED HYDRAULIC CONDUCTIVITY CALCULATION
Subject Matter Description	William Nichols, of the PA/QA Defensibility Team, prepared a vulnerability review of the "Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation."
Authors	Nichols, William E. / PA/QA Defensibility Team / SNL / OCRWM contractor
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team and the recipients are members of the OCRWM License Defense Team
Purpose Of Document	This document was prepared to identify possible areas of contention and potential issues in the licensing proceeding, and it analyzes those contentions and issues. It was prepared in anticipation of that proceeding, and reveals potential litigation strategy.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Official Use Only This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070910.0347
LSN Accession Number	DN2002479246
Doc Date	20070131
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, RECOMMENDATIONS DATA ANALYSIS FOR INFILTRATION MODELING: DEVELOPMENT OF SOIL UNITS AND ASSOCIATED HYDRAULIC PARAMETER VALUES
Subject Matter Description	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, RECOMMENDATIONS DATA ANALYSIS FOR INFILTRATION MODELING: DEVELOPMENT OF SOIL UNITS AND ASSOCIATED HYDRAULIC PARAMETER VALUES
Authors	Nicholas, William E. / SNL / OCRWM contractor
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is a DOE contractor for the Yucca Mountain Project.
Purpose Of Document	This document was prepared to assist DOE in identifying potential contentions that may arise in the licensing proceeding, to help DOE prepare responses.
Confidentiality Statement	Marked Privileged and Confidential

**Marked Litigation Work Product
Marked Official Use Only**

Doc Type	DATA PACKAGE
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0076
LSN Accession Number	DN2002469777
Doc Date	20070410
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS CHARACTERISTICS OF THE RECEPTOR FOR THE BIOSPHERE MODEL
Subject Matter Description	The document concerns the CHARACTERISTICS OF THE RECEPTOR FOR THE BIOSPHERE MODEL AMR.
Authors	Burford, Jerry N. /Sandia
Recipients	Lum, Clinton/Sandia
Author Recipient Relationship	The author and recipient are personnel with Sandia National Labs who were tasked by DOE to perform the requested analysis.
Purpose Of Document	The document identifies issues about the referenced document that could be raised as potential contentions in the licensing proceeding and makes recommendations on how to address them, to assist DOE prepare for the licensing proceeding.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Official Use Only This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents. This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0078
LSN Accession Number	DN2002479063
Doc Date	20070430
Title	PA/QA DEFENSIBILITY TEAM - DOCUMENT REVIEW AND COMMENT SHEETS FOR ANL-MGR-MD-000005 REV 04 CHARACTERISTICS OF THE RECEPTOR FOR THE BIOSPHERE MODEL
Subject Matter Description	The subject matter of the document is the PA/QA Defensibility Team's document review and comment sheets for Characteristics of the Receptor for the Biosphere Model
Authors	Burford, Jerry N. / Sandia National Laboratory /
Recipients	OCWRM Licensing Defensibility Team
Author Recipient Relationship	The author is with the PA/QA Defensibility Team, and the recipients are with the DOE Licensing Defense Team.
Purpose Of Document	This document identifies potential contentions and other issues that may arise in the licensing proceeding, and was created to assist DOE in preparing to respond to those contentions and issues in that proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0083
LSN Accession Number	DN2002470430
Doc Date	20070424
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMERY, MITIGATIONS, AND RECOMMENDATIONS CHARACTERIZE FRAMEWORK FOR IGNEOUS ACTIVITY AT YUCCA MOUNTAIN, NEVADA
Subject Matter Description	Document contains Defensibility Team's identification and analysis of potential vulnerabilities with the position taken in the licensing proceeding regarding the characterization framework for Igneous Activity at Yucca Mountain. Document further contains recommendations for mitigation strategy regarding potential vulnerabilities.
Authors	Eslinger, Paul W. / /Lead Lab
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author and recipients are members of the OCRWM Defensibility Team who are responsible for identifying and analyzing potential vulnerabilities with positions taken in the licensing proceeding and prepare YMP's strategy for mitigating points of contention arising out of same.
Purpose Of Document	The purpose of the document is to identify and analyze potential vulnerabilities with the position taken in the licensing proceeding regarding the characterization framework for Igneous Activity at Yucca Mountain, and to provide recommendations regarding the mitigation strategy for any potential vulnerabilities identified.
Confidentiality Statement	Marked Official Use Only

Marked Privileged and Confidential
Marked Litigation Work Product
This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.

Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0085
LSN Accession Number	DN2002469664
Doc Date	20070411
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET SAMPLING OF STOCHASTIC INPUT PARAMETERS FOR ROCKFALL CALCULATIONS AND FOR STRUCTURAL RESPONSE CALCULATIONS UNDER VIBRATORY GROUND MOTION
Subject Matter Description	Document contains Defensibility Team's identification and analysis of potential vulnerabilities with YMP's position regarding Sampling of Stochastic Input Parameters for Rockfall Calculations and for Structural Response Calculations Under Vibratory Ground Motion.
Authors	Eslinger, Paul W. //
Recipients	OCRWM License Defense Team
Author Recipient Relationship	Author and recipients are members of the Defensibility Team tasked with identifying and analyzing potential vulnerabilities of positions taken in the licensing process and preparing YMP's strategy for mitigation of contentions arising out of any perceived vulnerabilities.
Purpose Of Document	The purpose of this document is to identify and analyze potential vulnerabilities with YMP's position in the licensing proceeding regarding Sampling of Stochastic Input Parameters for Rockfall Calculations and for Structural Response Calculations Under Vibratory Ground Motion, and to offer recommendations as to the mitigation strategy regarding the identified vulnerabilities.
Confidentiality Statement	Marked Litigation Work Product Marked Privileged and Confidential Marked Official Use Only This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0102
LSN Accession Number	DN2002470243
Doc Date	20070515
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET CONCEPTUAL MODEL AND NUMERICAL APPROACHES FOR UNSATURATED ZONE FLOW AND TRANSPORT
Subject Matter Description	Document identifies and analyzes potential vulnerabilities with positions taken in the licensing proceedings regarding the Conceptual Model and Numerical Approaches for Unsaturated Zone Flow and Transport. Document further contains Defensibility Team's recommendations regarding mitigation of same.
Authors	Nichols, William E. //
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team and the recipients are members of the OCRWM License Defense Team.
Purpose Of Document	Document provides Defensibility Team's identification and analysis of potential vulnerabilities with positions taken in the licensing proceeding regarding the Conceptual Model and Numerical Approaches for Unsaturated Zone Flow and Transport. Document further contains Defensibility Team's recommendations regarding mitigation of same.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Official Use Only This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	PACKAGE
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0193
LSN Accession Number	DN2002469573
Doc Date	20070220
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET SEEPAGE MODEL FOR PA INCLUDING DRIFT COLLAPSE
Subject Matter Description	William Nichols, of the PA/QA Defensibility Team, prepared a vulnerability review of the Seepage Model for PA Including Drift Collapse.
Authors	Nichols, William E. // PA/QA Defensibility Team
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team, and the recipients are members of DOE's Licensing Defense

	Team.
Purpose Of Document	The purpose of this document is to identify possible areas of contention and issues for the high-level waste licensing proceeding. This document also analyzes these issues for DOE for its preparation for the proceeding, and it was created in anticipation of that hearing.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0194
LSN Accession Number	DN2002470527
Doc Date	20070220
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS SEEPAGE MODEL FOR PA INCLUDING DRIFT COLLAPSE
Subject Matter Description	The Defensibility Team performed a review of the AMR for Seepage Model for PA Including Drift Collapse.
Authors	Nicholas, William E. // YMP PA/QA Defensibility Team
Recipients	OCRWM Licensing Defense Team
Author Recipient Relationship	The author is a YMP project personnel with responsibility for reviewing the subject matter of the document. The recipients have responsibility for OCRWM's Licensing Defense.
Purpose Of Document	The Defensibility Team performed a vulnerability review of this AMR in order to identify subject matters that may arise as contentions or as issues in the high-level waste proceeding. This document was prepared in anticipation of the high-level waste proceeding for the repository at Yucca Mountain.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0265
LSN Accession Number	DN2002479212
Doc Date	20061221
Title	DOCUMENT REVIEW COMMENT SHEET FOR TECHNICAL WORK PLAN DEFENSIBILITY OF TECHNICAL PRODUCTS SUPPORTING THE LICENSE APPLICATION TWP-CRW-RL-000002
Subject Matter Description	DOCUMENT REVIEW COMMENT SHEET FOR TECHNICAL WORK PLAN DEFENSIBILITY OF TECHNICAL PRODUCTS SUPPORTING THE LICENSE APPLICATION TWP-CRW-RL-000002
Authors	Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst
Recipients	DOE employees and contractors responsible for the technical products supporting the LA
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the technical work plan defensibility and the positions taken by DOE in the licensing proceedings regarding same.
Purpose Of Document	The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision.
Confidentiality Statement	Marked Official Use Only This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0401
LSN Accession Number	DN2002469366
Doc Date	20070213
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET WATER-LEVEL DATA ANALYSIS FOR THE SATURATED ZONE SITE-SCALE FLOW AND TRANSPORT MODEL
Subject Matter Description	John Pickens, of the PA/QA Defensibility Team, prepared a vulnerability review of the "Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model."
Authors	Pickens, John // PA/QA Defensibility Team
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is with DOE's PA/QA Defensibility Team. The recipients are with DOE's Licensing Defense Team.

Purpose Of Document	This document was prepared to identify and analyze potential contentions and issues that could arise in the licensing proceeding for the high-level waste repository at Yucca Mountain. This document was prepared to assist DOE's preparation for the licensing proceeding in order to identify and prepare for potential contentions.
Confidentiality Statement	Marked Litigation Work Product Marked Privileged and Confidential Marked Official Use Only This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0405
LSN Accession Number	DN2002469960
Doc Date	20070213
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS WATER-LEVEL DATA ANALYSIS FOR THE SATURATED ZONE SITE-SCALE FLOW AND TRANSPORT MODEL
Subject Matter Description	John Pickens, of the Defensibility Team, has prepared a vulnerability review for the "Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model."
Authors	Pickens, John / / PA/QA Defensibility Team
Recipients	OCRWM Licensing Defense Team
Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team, and the recipients are with DOE's Licensing Defense Team.
Purpose Of Document	This document was prepared to identify possible areas of contention and issues that may arise during the licensing proceeding for the high-level waste repository at Yucca Mountain. The document also analyzes these potential contentions and issues. This document reveals DOE's strategy for the upcoming proceeding, and has been created to prepare for that hearing.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Official Use Only This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0406
LSN Accession Number	DN2002469246
Doc Date	20070219
Title	WORKING NOTES FROM REVIEW BY JOHN PICKENS OF ANL-NBS-HS-000034 REV02 DURING 12/XX/ 2006 AND 01/XX/ 2007
Subject Matter Description	This document contains the notes of John Pickens, of the Defensibility Team, regarding his AMR vulnerability review concerning water levels.
Authors	Pickens, J. / / PA/QA Defensibility Team
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is with the PA/QA Defensibility Team, and the recipients are with DOE's Licensing Defense Team.
Purpose Of Document	This document was prepared by Mr. Pickens in order to identify the possible area of contentions and potential issues that may arise in the licensing proceeding. His notes inform his analysis of these potential contentions and issues. DOE will use the information contained herein in order to prepare for the hearing.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0409
LSN Accession Number	DN2002479141
Doc Date	20070213
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW
Subject Matter Description	The PA/QA Defensibility Team conducted a vulnerability review of Water-Level Data Analysis for the Saturated Zone Site-Scale Flow and Transport Model.
Authors	Pickens, John / /
Recipients	OCRWM Defensibility Team

Author Recipient Relationship	The author is a member of the PA / QA Defensibility Team and the recipients are members of the OCRWM Defensibility Team
Purpose Of Document	The document identifies potential contentions and other issues that may arise in the licensing proceeding, and was created to assist DOE in preparing to respond to those contentions and issues in that proceeding.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product
Doc Type	DATA
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070914.0410
LSN Accession Number	DN2002479206
Doc Date	20070219
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW CHECKLIST FOR ANL-NBS-HS-000034 REV 02 "WATER-LEVEL DATA ANALYSIS FOR THE SATURATED ZONE SITE SCALE FLOW AND TRANSPORT MODEL"
Subject Matter Description	Document identifies and analyzes potential vulnerabilities with the model validation methodologies employed in the Saturated Zone Site Scale Flow and Transport Model and thus identifies potential points of contention with positions taken by YMP personnel in the licensing proceeding.
Authors	Adams, Pamela / BSC Repository Development - Event Cat & Rel Analyses / Pickens, John / /

Author Recipient Relationship	The author and recipients are members of the Defensibility Team tasked with identifying potential vulnerabilities with positions taken in the licensing proceedings and preparing mitigation strategy for same.
Purpose Of Document	The purpose of the document is to identify and analyze potential vulnerabilities with regard to the model validation methodologies employed in the Saturated Zone Site Scale Flow and Transport Model and thus to identify potential points of contention with positions taken by YMP personnel in the licensing proceeding.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Official Use Only This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070914.0415
LSN Accession Number	DN2002479129
Doc Date	20070123
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET PROBABILITY DISTRIBUTION FOR FLOWING INTERVAL SPACING
Subject Matter Description	PROBABILITY DISTRIBUTION FOR FLOWING INTERVAL SPACING
Authors	Eslinger, Paul W. //
Recipients	Licensing Defensibility Team
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft AMR section
Purpose Of Document	The purpose of the document is to identify potential vulnerabilities associated with the content and form of the draft AMR addressing probability distribution for flowing interval spacing as well as proposed responses to mitigate such potential vulnerabilities
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Official Use Only Access restricted on the YMP Records Information System
Doc Type	DATA PACKAGE
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Other Privilege Types	DPP

Participant Accession No.	ALA.20070914.0422
LSN Accession Number	DN2002470031
Doc Date	20070123
Title	JPA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS PROBABILITY DISTRIBUTION FOR FLOWING INTERVAL SPACING
Subject Matter Description	Paul Eslinger, of the PA/QA Defensibility Team, performed a vulnerability review on the "Probability Distribution for Flowing Interval Spacing."
Authors	Eslinger, Paul W. // PA/QA Defensibility Team
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team and the recipients are members of the OCRWM License Defense Team

Purpose Of Document	This document was prepared to identify and analyze possible contentions and issues that may arise in the licensing proceeding for the HLW repository at Yucca Mountain. The document was prepared to assist DOE in developing its litigation strategy for the hearing.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product
Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0431
LSN Accession Number	DN2002469398
Doc Date	20070315
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS ENVIRONMENTAL TRANSPORT INPUT PARAMETERS FOR THE BIOSPHERE MODEL
Subject Matter Description	The subject of this document is the environmental transport input parameters for the biosphere model (AMR).
Authors	Kam, James / /
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author and recipients are project personnel with responsibility for developing the licensing case for filing and hearings.
Purpose Of Document	The purpose of the document is to identify issues and provide comments and recommendations on a draft licensing position with the objective of anticipating possible contentions in the licensing proceeding.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product Marked Official Use Only
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0530
LSN Accession Number	DN2002470877
Doc Date	20070501
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET SEEPAGE CALIBRATION MODEL AND SEEPAGE TESTING DATA
Subject Matter Description	Document identifies and analyzes potential vulnerabilities with the position taken in the LA regarding the Seepage Calibration Model and Seepage Testing Data. Document further recommends strategy for mitigating identified potential vulnerabilities.
Authors	Nichols, William E. / /
Recipients	OCRWM License Defense Team
Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team and the recipients are members of the OCRWM License Defense Team.
Purpose Of Document	The purpose of the document is to identify and analyze potential vulnerabilities with position taken in the LA regarding the Seepage Calibration Model, and to recommend strategy for mitigating such potential vulnerabilities in the course of the licensing proceedings.
Confidentiality Statement	Marked Official Use Only Marked Litigation Work Product Marked Privileged and Confidential
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0563
LSN Accession Number	DN2002469068
Doc Date	20070327
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET FUTURE CLIMATE ANALYSIS
Subject Matter Description	Document prepared by the Defensibility Team for the purpose of identifying and analyzing potential vulnerabilities with the position taken in the LA regarding Future Climate Analysis.
Authors	Lum, Clinton C./ BSC Repository Development - Engineered System/
Recipients	Members of the Project Defensibility Team
Author Recipient Relationship	The author and recipients are members of the YMP Defensibility Team who have responsibility for analyzing potential areas of contention due to positions taken in the LA and making strategy decisions regarding same.
Purpose Of Document	The document identifies and analyzes potential vulnerabilities with the position taken in the LA regarding Future Climate Analysis, and the Project strategy for mitigation of potential vulnerabilities identified.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product

This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.

Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0624
LSN Accession Number	DN2002470198
Doc Date	20070328
Title	OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT SPECIAL INSTRUCTION SHEET PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET FOR ANL-WIS-MD-000021 REV 03 ACN 01 "CLADDING DEGRADATION SUMMARY FOR LA"
Subject Matter Description	The Defensibility Team prepared a vulnerability memorandum on the Cladding Degradation Summary for the License Application in order to identify possible areas of contentions and other issues that may arise during the course of the high-level waste proceeding.
Authors	Engel, D.W. / /
Recipients	Licensing Defense Team
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft LA sections.
Purpose Of Document	This document was prepared to assist DOE in its preparations for the high-level waste proceeding by identifying possible issues that may arise in that proceeding. Thus, it was prepared in anticipation of that adversarial proceeding. It also reveals Project's litigation strategy for the upcoming hearing.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0662
LSN Accession Number	DN2002468976
Doc Date	20070131
Title	MODEL COMPONENT REVIEW SHEET PA/QA DEFENSIBILITY TEAM DATA ANALYSIS FOR INFILTRATION MODELING: DEVELOPMENT OF SOIL UNITS AND ASSOCIATED HYDRAULIC PARAMETER VALUES (ANL-NBS-HS-000055)
Subject Matter Description	William Nichols, of the Defensibility Team, conducted a vulnerability review of the "Data Analysis for Infiltration Modeling: Development of Soil Units and Associated Hydraulic Parameter Values (ANL-NBS-HS-000055)."
Authors	Nichols, William E. / / PA/QA Defensibility Team
Recipients	OCRWM Licensing Defense Team
Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team, and the recipients are members of DOE's Licensing Defense Team.
Purpose Of Document	The purpose of this document is to identify possible areas of contention and issues that may arise in the licensing proceeding for the high-level waste repository at Yucca Mountain. This document will assist DOE in forming its litigation strategy for that proceeding.
Confidentiality Statement	Marked Official Use Only Marked Litigation Work Product Marked Privileged and Confidential This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE REPORT
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0677
LSN Accession Number	DN2002470968
Doc Date	20070320
Title	PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS SEEPAGE MODEL FOR PA INCLUDING DRIFT COLLAPSE
Subject Matter Description	William Nichols, of the Defensibility Team prepared this document as a result of a vulnerability review on the Seepage Model for PA. This document was prepared to identify possible areas of contentions and other possible issues that may arise in the licensing proceeding for a high-level waste repository at Yucca Mountain.
Authors	Nichols, William E.// PA/QA Defensibility Team
Recipients	Licensing Defense Team Lum, Clinton C./ BSC Repository Development - Engineered System/

Author Recipient Relationship	The author is a member of the PA/QA Defensibility Team, and the recipients are members of DOE's Licensing Defense Team.
Purpose Of Document	The purpose of this document was to identify possible contentions and issues for the licensing proceeding, and analyze them. This document relates to the Project's strategy for the proceeding, and was created in anticipation of that hearing.
Confidentiality Statement	Marked Privileged and Confidential Marked Litigation Work Product This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070914.0678
LSN Accession Number	DN2002469278
Doc Date	20070320
Title	DOCUMENT IDENTIFICATION AND CLASSIFICATION PA/QA DEFENSIBILITY TEAM - AMR REVIEW SUMMARY, MITIGATIONS, AND RECOMMENDATIONS SEEPAGE MODEL FOR PA INCLUDING DRIFT COLLAPSE
Subject Matter Description	Document contains YMP Defensibility Team's identification and analysis of potential vulnerabilities with position taken in the licensing proceeding regarding Seepage Model for PA Including Drift Collapse. Document further contains recommendations regarding mitigation strategy for potential vulnerabilities identified.
Authors	Nichols, William E. / /
Recipients	OCRWM License Defense Team
Author Recipient Relationship	Author and recipients are members of the Defensibility Team who are responsible for identifying potential vulnerabilities with positions taken in the licensing proceeding and make recommendations and strategy decisions regarding mitigation of any potential vulnerabilities.
Purpose Of Document	The purpose of the document is to identify and analyze potential vulnerabilities with position taken in the licensing proceeding regarding Seepage Model for PA Including Drift Collapse, and to make recommendations regarding the mitigation strategy for any potential vulnerabilities identified.
Confidentiality Statement	Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product This document is maintained on a secured file in the YMP document database that restricts access to persons with a need to know the content of the document.
Doc Type	DATA PACKAGE
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070918.0237
LSN Accession Number	DN2002470687
Doc Date	20050524
Title	MODIFIED INITIAL DISCUSSION
Subject Matter Description	Discussion of YMP approach to criticality in view of past interactions with NRC
Authors	Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager
Recipients	Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Hunter, Melissa/NNPP
Author Recipient Relationship	The author and recipients are NNPP personnel and contractors who have responsibility for the licensing issues that are the subject of the document.
Purpose Of Document	This document identifies issues related to the YMP approach to criticality that could arise in licensing proceedings.
Confidentiality Statement	Marked Litigation Work Product This document is subject to DOE Orders or procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	E-MAIL
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20071001.0362
LSN Accession Number	DN2002481316
Doc Date	20070802
Title	ANL-NBS-HS-000054-Rev00-ACN01 Vulnerability Review WEN
Subject Matter Description	Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation AMR
Authors	William Nichols / Sandia National Laboratory / OCRWM contractor
Recipients	YMP License Defense Team
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP who were tasked to perform the requested analysis.
Purpose Of Document	The document was prepared at the request of DOE counsel. The document provides opinions to DOE counsel about issues that could be raised in the licensing proceeding on the referenced subject matter in order to assist DOE counsel prepare for contentions.

Confidentiality Statement	Marked Litigation Work Product; Marked Privileged and Confidential This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20071001.0363
LSN Accession Number	DN2002481352
Doc Date	20070802
Title	cover-signed[1]
Subject Matter Description	Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation AMR
Authors	William Nichols / Sandia National Laboratory/ OCRWM contractor
Recipients	YMP License Defense Team
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP who were tasked to perform the requested analysis.
Purpose Of Document	The document was prepared at the request of DOE counsel. The document provides opinions to DOE counsel about issues that could be raised in the licensing proceeding on the referenced subject matter in order to assist DOE counsel prepare for contentions.
Confidentiality Statement	Marked Litigation Work Product; Marked Privileged and Confidential This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20071001.0364
LSN Accession Number	DN2002481297
Doc Date	20070802
Title	Review-Summary
Subject Matter Description	Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation AMR
Authors	William E. Nichols / Sandia National Laboratory / OCRWM contractor
Recipients	YMP License Defense Team
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP who were tasked to perform the requested analysis.
Purpose Of Document	The document was prepared at the request of DOE counsel. The document provides opinions to DOE counsel about issues that could be raised in the licensing proceeding on the referenced subject matter in order to assist DOE counsel prepare for contentions.
Confidentiality Statement	Marked Litigation Work Product; Marked Privileged and Confidential This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20071001.0365
LSN Accession Number	DN2002481341
Doc Date	20070802
Title	Review-Summary-cover-signed[1]
Subject Matter Description	AMR Review Summary, Mitigations and Recommendations
Authors	William Nichols / Sandia National Laboratory/ OCRWM contractor
Recipients	YMP License Defense Team
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP who were tasked to perform the requested analysis.
Purpose Of Document	The document was prepared at the request of DOE counsel. The document provides opinions to DOE counsel about issues that could be raised in the licensing proceeding on the referenced subject matter in order to assist DOE counsel prepare for contentions.
Confidentiality Statement	Marked Litigation Work Product; Marked Privileged and Confidential This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION);

LWP-other (FACT);
LWP-other (OPINION)

Participant Accession No.	ALA.20071001.0366
LSN Accession Number	DN2002481308
Doc Date	20070802
Title	Tabletop-Checklist_ANL-NBS-HS-000054-Rev00_ACN01
Subject Matter Description	Data Analysis for Infiltration Modeling: Bedrock Saturated Hydraulic Conductivity Calculation AMR
Authors	William Nichols / Sandia National Laboratory / OCRWM contractor
Recipients	YMP License Defense Team
Author Recipient Relationship	The author and recipients are SNL personnel who work on the YMP who were tasked to perform the requested analysis.
Purpose Of Document	The document was prepared at the request of DOE counsel. The document provides opinions to DOE counsel about issues that could be raised in the licensing proceeding on the referenced subject matter in order to assist DOE counsel prepare for contentions.
Confidentiality Statement	Marked Litigation Work Product; Marked Privileged and Confidential This document was transmitted on a secured, password protected email system that limited distribution to the named recipients.
Doc Type	EMAIL-ATT
LWP Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION) LWP-prepared by attorney (OPINION);

Participant Accession No.	ALB.20051018.4266
LSN Accession Number	DN2002336383
Doc Date	20051004
Title	ORD Senior Mgmt Review 050707 (2) skoblarl
Subject Matter Description	Author's notes and observations arising from senior management review meeting (including attorneys from OGC and its outside law firm) of various issues associated with the LA.
Authors	Skoblar, Leonard/ BSC Repository Development - Design Interface & Integration/
Recipients	Raleigh, James J. / BSC Repository Development - Regulatory Coordination Group / JK Research Associates (JKRA) Principal Regulatory Analyst
Author Recipient Relationship	The authors and recipients are YMP personnel. They have summarized topics discussed at the senior meeting, proposed paths forward, and recommendations and analysis offered by senior DOE officials and outside counsel.
Purpose Of Document	To memorialize comments, action items, notes, and strategies relative to issues discussed by management relative to the LA, including advice and comments of DOE OGC attorneys and lawyers from its outside law firm.
Confidentiality Statement	The document was prepared by and transmitted to project personnel with responsibility for the LA. It was marked "Attorney Client Privileged." This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	DATA EMAIL-ATT
LWP Privilege Types	LWP-other (OPINION)
Other Privilege Types	ACP-discusses attorneys advice DPP;

Change Type Corrections

Participant Accession No.	ALA.20060126.0405
LSN Accession Number	
Old LSN Accession Number	DN2002332193
Doc Date	20051013
Title	SAR Section 1.2.7_Needed Corrections
Subject Matter Description	The subject matter is draft license application section 1.2.7 and engineering comments on that draft section.
Authors	Ployhar, Steve / BSC / Swanson, Leonard / BSC /
Recipients	Bryan, Martin C/ BSC Repository Development - LA Completion/
Author Recipient Relationship	Authors and recipients are DOE M&O contractors responsible for the subject draft LA (or SAR) sections
Purpose Of Document	The purpose of this document is to provide engineering comments regarding needed corrections to SAR Section 1.2.7, including the technical basis and justification for acceptability of the changes.
Confidentiality Statement	Marked Attorney Client Communication Marked Litigation Work Product Marked Privileged and Confidential Marked Predecisional This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is subject to DOE Orders or Procedures that require protection of the document against unauthorized access and that limit disclosure to persons with a need to know its contents.
Doc Type	EMAIL-ATT FORM LIST
LWP Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Other Privilege Types	DPP