

DOE Primary Privilege Log

Date: 11/08/2007

Supplements, Withdrawals, and Corrections to LWP Privilege Log

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| Participant Accession No. | ALA.20040121.7911 |
| LSN Accession Number | DN2002336478 |
| Doc Date | 19980109 |
| Title | OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT COMMENT SHEET INTERIM DRAFT ANNOTATED OUTLINE |
| Subject Matter Description | Attorney comments and advice regarding the draft outline of the Environmental Impact Statement |
| Authors | Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Bowie, Vivian / DOE/WIPP / Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Gearo, Joseph / DOE/EH / Narandra, Mathur / DOE / Regnier, Edward / DOE/EH / Romero, Alma M./ DOE - OCRWM Office of Business Support and Resource Management/ Skipper, Kenneth/ U.S. Geological Survey Yucca Mtn Project Branch/ |
| Author Recipient Relationship | The author is an attorney with the DOE OGC. The recipients are YMP personnel responsible for preparation of the EIS. |
| Purpose Of Document | The purpose of the document is to convey the comments and legal advice of the attorney author to his clients regarding the draft outline of the EIS, including whether the draft outline will be sufficient relative to regulatory and statutory requirements. |
| Confidentiality Statement | The document was prepared by an attorney from the DOE's OGC and provided to his client, DOE employees and agents with responsibility for the preparation of the draft EIS outline. This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040128.6838 |
| LSN Accession Number | DEN000661627 |
| Doc Date | 19910102 |
| Title | IMPACTS OF PROPOSED CHANGE FROM "SHAFTS" TO "RAMPS" |
| Subject Matter Description | The memorandum conveys author's legal advice regarding whether a proposed change from excavating "shafts" vertically to the repository block to use of ramps at an angle would necessitate new public hearings or reissuance of original SCP. |
| Authors | Gassman, David W. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Gertz, Carl / DOE - OCRWM / Associate Director, Geologic Disposal |
| Author Recipient Relationship | The author is an attorney with the DOE OGC who works on YMP matters. The recipient is a DOE OCRWM official and is a client of the author. The recipient has responsibility for the decisionmaking that is the subject of counsel's advice. |
| Purpose Of Document | To convey legal analysis supporting advice from the lawyer to the client on the question of the need for public hearings or reissuance of original SCP under the NWPA. |
| Confidentiality Statement | This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. |
| Doc Type | CORRESPONDENCE |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040131.6841 |
| LSN Accession Number | DN2002335577 |
| Doc Date | 19870817 |
| Title | DOCUMENT REVIEW COMMENT SHEET DRAFT SCP - INTRODUCTORY SECTIONS |
| Subject Matter Description | The document concerns the draft introductory sections of the YM Site Characterization Plan. |
| Authors | Gassman, David W. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Clanton, Del S. / Waste Management Project Office /DOE |
| Author Recipient Relationship | The author and recipient were in an attorney-client relationship. The author is a DOE attorney responsible for YMP matters. The recipient was an OCRWM personnel with responsibility for the draft on which counsel provided advice. |
| Purpose Of Document | The document conveys the confidential legal advice of counsel on the referenced draft. |
| Confidentiality Statement | The document was distributed to a person with a need to know the advice. The document is not available from the YMP general document database. This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. |
| Doc Type | DATA FORM |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |

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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040131.6842 |
| LSN Accession Number | DN2002331702 |
| Doc Date | 19870817 |
| Title | DOCUMENT REVIEW COMMENT SHEET DRAFT SCP - CHAPTER 1 |
| Subject Matter Description | The document concerns the first chapter of the YM site characterization plan. |
| Authors | Gassman, David W. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Clanton, Del S. / Waste Management Project Office / DOE |
| Author Recipient Relationship | The author and recipient were in an attorney-client relationship. The author is a DOE attorney responsible for YMP matters. The recipient was an OCRWM personnel with responsibility for the draft on which counsel provided advice. |
| Purpose Of Document | The document conveys the confidential legal advice of counsel on the referenced draft. |
| Confidentiality Statement | This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. The document was distributed to a person with a need to know the advice. The document is not available from the YMP general document database. |
| Doc Type | DATA FORM |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040131.6843 |
| LSN Accession Number | DN2002335244 |
| Doc Date | 19870817 |
| Title | DOCUMENT REVIEW COMMENT SHEET DRAFT SCP - CHAPTER 3 |
| Subject Matter Description | The document concerns the third chapter of the YM site characterization plan. |
| Authors | Gassman, David W. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Clanton, Del S. / Waste Management Project Office / DOE |
| Author Recipient Relationship | The author and recipient were in an attorney-client relationship. The author is a DOE attorney responsible for YMP matters. The recipient was an OCRWM personnel with responsibility for the draft on which counsel provided advice. |
| Purpose Of Document | The document conveys the confidential legal advice of counsel on the referenced draft. |
| Confidentiality Statement | This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. The document was distributed to a person with a need to know the advice. The document is not available from the YMP general document database. |
| Doc Type | DATA FORM |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040131.6844 |
| LSN Accession Number | DN2002331961 |
| Doc Date | 19870817 |
| Title | DOCUMENT REVIEW COMMENT SHEET DRAFT SCP - CHAPTER 6 |
| Subject Matter Description | The document concerns Chapter 6 of the draft YM Site Characterization Plan. |
| Authors | Gassman, David W. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Clanton, Del S. / Waste Management Project Office / DOE |
| Author Recipient Relationship | The author and recipient were in an attorney-client relationship. The author is a DOE attorney responsible for YMP matters. The recipient was an OCRWM personnel with responsibility for the draft on which counsel provided advice. |
| Purpose Of Document | The document conveys the confidential legal advice of counsel on the referenced draft. |
| Confidentiality Statement | This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. The document was distributed to a person with a need to know the advice. |
| Doc Type | DATA FORM |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040204.7824 |
| LSN Accession Number | DEN000663428 |
| Doc Date | 20000505 |
| Title | NOTES FROM TELECONFERENCE ON MAY 5, 2000 - DISCUSSION OF WINSTON & STRAWN COMMENTS ON THE DRAFT WASTE FORM PMR |
| Subject Matter Description | The document concerns a teleconference held at the request of DOE Office of General Counsel to discuss the advice of DOE's outside counsel about the referenced draft process model report. |
| Authors | Fleming, Carey W. / Winston & Strawn, LLP / Attorney |
| Recipients | Bailey, Jack / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist |

Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney
 DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney
 DOE - Yucca Mountain Project File
 Martin, Kathleen O. / DOE - Office of General Counsel (OGC) / Attorney
 Rechar, Robert P. / Sandia National Laboratory (SNL) Risk Analysis
 Rives, Susan/ DOE - Office of General Counsel (OGC)/ Attorney

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| Author Recipient Relationship | The author is an attorney with the outside counsel for DOE. The recipients are various DOE attorneys and contractor personnel who work on the draft document that is the subject of the attorney's comments. |
| Purpose Of Document | The document memorializes counsel's understanding of the issues discussed and the attorney advice given with respect to the referenced draft document. |
| Confidentiality Statement | The document is marked Attorney Client Privileged and Confidential. It is not available in the general YMP document database. 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. |
| Doc Type | CORRESPONDENCE |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |

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| Participant Accession No. | ALA.20040204.7852 |
| LSN Accession Number | DEN001543307 |
| Doc Date | 19991215 |
| Title | ATTACHMENT 1 ISM PMR REVIEW COMMENTS |
| Subject Matter Description | This is an attachment to the December 15, 1999 memorandum from Winstron & Strawn, LLP concerning the draft Integrated Site Model PMR. |
| Authors | Winston & Strawn, LLP |
| Recipients | Mellington, Suzanne P. / DOE - OCRWM Yucca Mountain Site Characterization Office / Project Execution Lead Rives, Susan / DOE - Office of General Counsel (OGC) / Attorney Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure & License Acquisition Div-Physical Scientist |

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| Author Recipient Relationship | The authors are outside counsel for DOE. The recipients are DOE officials responsible for the subject matter of counsel's advice. |
| Purpose Of Document | Memorandum prepared by Winston & Strawn attorneys for DOE providing DOE with comments on the draft Intergrated Site Model Process Model Report and prepared to assist DOE in site characterization for the YM repository and the license application. |
| Confidentiality Statement | This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. |
| Doc Type | DATA REPORT |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |

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| Participant Accession No. | ALA.20040204.7853 |
| LSN Accession Number | DN2002337366 |
| Doc Date | 19991215 |
| Title | ATTACHMENT 2 |
| Subject Matter Description | This is an attachment to the December 15, 1999 memorandum by Winstron & Strawn, LLP that concerns the draft Integrated Site Model PMR. |
| Authors | Winston & Strawn, LLP |
| Recipients | Mellington, Suzanne P. / DOE - OCRWM Yucca Mountain Site Characterization Office / Project Execution Lead Rives, Susan / DOE - Office of General Counsel (OGC) / Attorney Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure & License Acquisition Div-Physical Scientist |

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| Author Recipient Relationship | The authors are outside counsel for DOE. The recipients are DOE officials responsible for the subject matter of counsel's advice. |
| Purpose Of Document | Chart prepared by Winston & Strawn attorneys for DOE and attached to comments prepared by Winston & Strawn attorneys for DOE on the draft Intergrated Site Model Process Model Report and prepared to assist DOE in site characterization for the YM repository and the license application. |
| Confidentiality Statement | This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. |
| Doc Type | DATA |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |

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| Participant Accession No. | ALA.20040204.7893 |
| LSN Accession Number | DN2002333776 |

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| Doc Date | 19930610 |
| Title | COMMENTS ON DRAFT REGULATORY GUIDANCE DOCUMENT |
| Subject Matter Description | Correspondence from outside counsel for the YMP M&O contractor providing privileged and confidential legal analysis and advice regarding draft of Regulatory Guidance Document. |
| Authors | MacEvoy, John A. / Winston & Strawn, LLP /Attorney |
| Recipients | Elliott, A/ TRW / YMP M&O contractor Elliott, Johnny / DOE / |
| Author Recipient Relationship | Author is DOE outside counsel and recipients are DOE employees and contractors responsible for the subject draft Regulatory Guidance Document. |
| Purpose Of Document | The purpose of the document is for outside counsel to provide recommendations, opinions, and legal advice regarding draft Regulatory Guidance Document. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client Communication 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. |
| Doc Type | CORRESPONDENCE |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20040225.6985 |
| LSN Accession Number | DN2002337690 |
| Doc Date | 20001019 |
| Title | COMMENTS ON ANALYSIS MODEL REPORT - FEATURES, EVENTS, AND PROCESSES: WASTE PACKAGE |
| Subject Matter Description | The memorandum conveys the attorney authors' comments on the reviewed AMR on FEATURES, EVENTS, AND PROCESSES: WASTE PACKAGE. |
| Authors | Curtiss, James R. / Winston & Strawn, LLP / Winston & Strawn, LLP Attorney Fleming, Carey W. / Winston & Strawn, LLP / Attorney |
| Recipients | Bailey, Jack/ Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Cooper, Emily / DOE/RAO / DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Haghi, A. / Hanson, Glen T. / Rives, Susan/ DOE - Office of General Counsel (OGC)/ Attorney Scott, Michael L./ Taylor, Jane/ DOE - Office of General Counsel (OGC)/ Attorney |
| Author Recipient Relationship | The authors are attorneys functioning as outside counsel to DOE OGC. They conveyed their memorandum containing comments to their client, the DOE OGC, and its agents and employees with responsibility for preparing and revising the subject AMR. |
| Purpose Of Document | The purpose of the document is to convey the attorneys' comments on the reviewed AMR on FEPs (Waste Package) and advice regarding the traceability of the screening arguments and supporting documentation. |
| Confidentiality Statement | The documents is marked "Attorney Client Privileged" and "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. |
| Doc Type | CORRESPONDENCE |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040227.4629 |
| LSN Accession Number | DEN001540926 |
| Doc Date | 20010201 |
| Title | COMMENTS ON THE NEAR FIELD ENVIRONMENT AND THERMAL EFFECTS ON FLOW TECHNICAL EXCHANGE MEETINGS |
| Subject Matter Description | The subject matter of the memorandum is the attorneys' advice regarding the outcome of the Near Field Environment and Thermal Effects on Flow Technical Exchange Meetings, including their assessment of areas of contention and agreement. |
| Authors | Campbell, Patricia L. / Winston & Strawn, LLP / Attorney Curtiss, James R. / Winston & Strawn, LLP / Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick / DOE - Office of General Counsel (OGC) / Attorney Hanlon, Carol / DOE / Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |

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| | Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing. |
| Author Recipient Relationship | The authors are DOE OGC's outside attorneys. The recipients are DOE OGC attorneys and other DOE personnel and contractors with responsibility for the subject matter of the referenced meeting. |
| Purpose Of Document | The document memorializes and conveys the legal analysis of the legal team (both DOE OGC and outside counsel) regarding the outcome of the technical exchange, including an assessment of where agreements were reached and where uncertainties and contentions remain as well as the significance of the subject discussions, agreements, and remaining contentions. The document, moreover, conveys advice regarding potential for improvement for future technical exchanges. |
| Confidentiality Statement | The document was authored by attorneys and conveyed to the client (DOE OGC and its employees with responsibility for the subject technical exchange) and marked as "Attorney/Client Privileged" and "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. |
| Doc Type | CORRESPONDENCE MEETING AID REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040227.4640 |
| LSN Accession Number | DN2002470829 |
| Doc Date | 20001120 |
| Title | COMMENTS ON THE DOE-NRC TECHNICAL EXCHANGE MEETING: UNSATURATED AND SATURATED FLOW UNDER ISOTHERMAL CONDITIONS KEY TECHNICAL ISSUE (KTI) |
| Subject Matter Description | The document concerns the following issues related to the UNSATURATED AND SATURATED FLOW UNDER ISOTHERMAL CONDITIONS KEY TECHNICAL ISSUE (KTI): present-day shallow infiltration, ambient flow conditions, matrix diffusion, and saturated zone features FEPs. |
| Authors | Echols, Stanley F. / Winston & Strawn, LLP / Attorney |
| Recipients | Beckman, Donald / Beckman & Associates (B&A) or (BAA) Program Manager Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member Martin, Kathleen O./ DOE - Office of General Counsel (OGC)/ Attorney Rives, Susan/ DOE - Office of General Counsel (OGC)/ Attorney Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing. |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the YMP. The recipients are, variously, two attorneys with the DOE OGC, two DOE officials, and an official of DOE's M&O contractor for the YMP. All of these persons have responsibility for the subject matter of the memorandum. |
| Purpose Of Document | The document provides the confidential legal advice from the DOE OGC and DOE's outside counsel based on presentations to and responses from the NRC at a technical exchange meeting, with respect to actions for the YMP to improve the legal defensibility of its associated work product. |
| Confidentiality Statement | The document is marked Confidential and Attorney-Client Privilege. The document is not maintained on the general YMP document database. 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. |
| Doc Type | CORRESPONDENCE MEETING AID REPORT |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040227.4648 |
| LSN Accession Number | DN2002331916 |
| Doc Date | 20001013 |
| Title | COMMENTS ON ANALYSIS MODEL REPORT - FEATURES, EVENTS, AND PROCESSES: SZ FLOW AND TRANSPORT |
| Subject Matter Description | The document concerns the draft analysis model report that DOE was preparing regarding the saturated zone flow and transport at the YM site. |
| Authors | Curtiss, James R. / Winston & Strawn, LLP / Attorney Echols, F. Stanley / Winston & Strawn, LLP / Attorney |
| Recipients | Bailey, Jack/ Cooper, Emily/ DOE/RAO/ DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Hanson, Glen T. / Martin, C/ DOE - Office of General Counsel (OGC)/ Attorney Matthusen, August C./ Rives, Susan/ DOE - Office of General Counsel (OGC)/ Attorney Taylor, Jane/ DOE - Office of General Counsel (OGC)/ Attorney |

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| Author Recipient Relationship | The authors are attorneys with DOE's outside licensing counsel for the YMP. The recipients are, variously, attorneys with the DOE OGC who work on YMP matters or YMP project personnel who are responsible for the subject matter of the referenced draft document. |
| Purpose Of Document | The document provides confidential legal advice of counsel on the adequacy of the draft document from a legal and regulatory perspective, to support the site recommendation and the license application. |
| Confidentiality Statement | The document is marked Attorney Client Privileged and Attorney Work Product. It is not available through the general YMP document database. 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. |
| Doc Type | CORRESPONDENCE |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040227.4651 |
| LSN Accession Number | DEN000660081 |
| Doc Date | 20001010 |
| Title | COMMENTS ON ANALYSIS MODEL REPORT - FEATURES, EVENTS, AND PROCESSES: WASTE FORM COLLOIDS |
| Subject Matter Description | The document concerns the draft ANALYSIS MODEL REPORT - FEATURES, EVENTS, AND PROCESSES: WASTE FORM COLLOIDS that DOE is preparing for the YM site. |
| Authors | Curtiss, James R. / Winston & Strawn, LLP / Attorney Fleming, Carey W. / Winston & Strawn, LLP / Attorney |
| Recipients | Adkins, Howard/ Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Cooper, Emily/ DOE/RAO/ DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Haghi, A. / Hanson, Glen T. / Rives, Susan / DOE - Office of General Counsel (OGC) / Attorney Scott, Mike / Duke Engineering & Services (DESI) NRC Regulatory Coordination Team Member Taylor, Jane / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The authors are attorneys with DOE's outside legal counsel for the YMP. The recipients are, variously, attorneys with the DOE OGC and YMP project personnel with responsibility for the subject matter of the legal advice. |
| Purpose Of Document | The document provides confidential legal advice on the adequacy and defensibility of the referenced draft document from a legal and regulatory perspective. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged and Attorney Work Product. The document is not maintained on the general YMP document database. 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. |
| Doc Type | CORRESPONDENCE REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040227.4665 |
| LSN Accession Number | DN2002469562 |
| Doc Date | 19980114 |
| Title | REVIEW OF PEMP 11-4, TAK 1 WORK SHOP RESULTS |
| Subject Matter Description | The document concerns the adequacy of program documentation for the YMP. |
| Authors | Echols, Stanley F./ Winston & Strawn, LLP/ Attorney |
| Recipients | Ashe, Kenneth L. / DOE - OCRWM Office of Licensing & Regulatory Compliance / Licensing Manager Duke, COGEMA, Stone & Webster (Charlotte NC) TRW Fogdall, Steve / TRW / M&O Contractor Wisenburg, Mark R. / TRW / Senior Engineering Specialist |
| Author Recipient Relationship | The authors are attorneys with outside counsel for DOE's M&O contractor for the YMP. The recipients are personnel with the M&O contractor who work on the subject matter of the attorney's advice. |
| Purpose Of Document | The document provides the confidential legal advice regarding the adequacy of program documentation from a licensing perspective. |
| Confidentiality Statement | The document is marked Privileged and Confidential and Attorney Client Communication. The document is not available on the general YMP document database. 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. |
| Doc Type | CORRESPONDENCE |

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| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040227.4690 |
| LSN Accession Number | DEN001539269 |
| Doc Date | 19980611 |
| Title | REVIEW OF TSPA-VA VOLUME 3: TOTAL SYSTEM PERFORMANCE (DRAFT A) |
| Subject Matter Description | The document concerns that draft TSPA being prepared to support the viability assessment of the YM site. |
| Authors | Echols, F. Stanley / Wintston & Strawn, LLP / Attorney |
| Recipients | Andrews, Robert W. / TRW / DOE M&O contractor Ashe, Kenneth L./TRW / DOE M&O contractor Lugo, Miguel A./TRW / DOE M&O contractor |
| Author Recipient Relationship | The author is an attorney with outside counsel for DOE's M&O contractor on the YMP. The recipients are M&O personnel with responsibility for the subject matter of the legal advice. |
| Purpose Of Document | The document concerns confidential legal advice of counsel on the adequacy of the draft TSPA from a legal and regulatory perspective. |
| Confidentiality Statement | The document is marked Privileged and Confidential, Attorney-Client Communication and Do Not Place in Any Data Retrieval System. The document is not maintained in the general YMP document database. 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. |
| Doc Type | CORRESPONDENCE REPORT |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040518.2407 |
| LSN Accession Number | DN2002331924 |
| Doc Date | 20000208 |
| Title | OVERVIEW OF LEGAL CONCERNS AND COMMENTS RE: SELECTED LICENSING DOCUMENTS |
| Subject Matter Description | SELECTED LICENSING DOCUMENTS |
| Authors | Susan Rives, Chief Counsel / DOE-Office of General Counsel / Attorney |
| Author Recipient Relationship | The author of this document is DOE counsel within the Office of General Counsel. |
| Purpose Of Document | Attorney's confidential memorandum containing attorney's analysis, opinion, comments, and concerns relating to selected licensing documents. |
| Confidentiality Statement | Marked Attorney-Client Privilege Marked Confidential 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. |
| Doc Type | DATA |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040518.2517 |
| LSN Accession Number | DN2002336723 |
| Doc Date | 20040209 |
| Title | WASTE PACKAGE & DRIP SHIELD (TBD #6) |
| Subject Matter Description | WASTE PACKAGE & DRIP SHIELD (Technical Basis Document #6) |
| Authors | Farmer, Joseph C. / BSC Repository Development - Engineered System / Lawrence Livermore National Laboratory (LLNL) Engineer |
| Recipients | OGC / DOE General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney- Client Privileged and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | DATA REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); |

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| | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2634 |
| LSN Accession Number | DN2002330619 |
| Doc Date | 20020101 |
| Title | WATER SEEPING INTO DRIFTS |
| Subject Matter Description | WATER SEEPING INTO DRIFTS |
| Authors | Bodvarsson, Gudmundur S. / BSC Repository Development / Lawrence Berkeley National Laboratory (LBNL) Finsterle, Stefan A. / BSC Repository Development - / Lawrence Berkeley National Laboratory (LBNL) Scientist/Engineer |
| Recipients | OGC / DOE General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2635 |
| LSN Accession Number | DN2002334468 |
| Doc Date | 20020101 |
| Title | TBD #3 - WATER SEEPING INTO DRIFTS |
| Subject Matter Description | Technical Basis Document #3 - WATER SEEPING INTO DRIFTS |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is an official within OCRWM, and the recipients are attorneys in DOE's Office of General Counsel. |
| 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 regarding physical processes that control seepage in order to assist DOE counsel prepare for contentions. |
| Confidentiality Statement | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040518.2636 |
| LSN Accession Number | DN2002329388 |
| Doc Date | 20020101 |
| Title | TECHNICAL BASIS DOCUMENT NO. 4: MECHANICAL DEGRADATION AND SEISMIC EFFECTS |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 4: MECHANICAL DEGRADATION AND SEISMIC EFFECTS |
| Authors | Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | The document was prepared at request of DOE counsel. The document provides opinions to DOE counsel about issues that could be raised in the licensing proceeding on the topic of mechanical degradation and seismic effects. The document was requested to assist DOE counsel to prepare for contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document is not maintained in the general YMP document database. The document is subject to a document controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. 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.

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| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2637 |
| LSN Accession Number | DN2002337557 |
| Doc Date | 20020101 |
| Title | IN-DRIFT CHEMICAL ENVIRONMENT |
| Subject Matter Description | IN-DRIFT CHEMICAL ENVIRONMENT |
| Authors | Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor |
| Recipients | OGC / DOE General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document is prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2638 |
| LSN Accession Number | DN2002331695 |
| Doc Date | 20020101 |
| Title | TECHNICAL BASIS DOCUMENT NO. 5: IN DRIFT CHEMICAL ENVIRONMENT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 5: IN DRIFT CHEMICAL ENVIRONMENT |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure & License Acquisition Div-Team Member |
| Recipients | OGC / DOE General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Do Not Copy, Attorney- Client Privileged, and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2639 |
| LSN Accession Number | DN2002336495 |
| Doc Date | 20020101 |
| Title | WASTE PACKAGE & DRIP SHIELD (TBD #6) |
| Subject Matter Description | The document concerns Technical Basis Document #6, WASTE PACKAGE & DRIP SHIELD. |
| Authors | Farmer, Joseph C. / Lawrence Livermore National Laboratory (LLNL) /Engineer |
| Recipients | Attorneys in the DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the the technical area addressed in the document. The recipients are attorneys in the DOE Office of General Counsel with responsibility for the YMP. |
| Purpose Of Document | The document was prepared at the request of and under the direction of DOE counsel to provide information to enable counsel to anticipate and prepare for contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document is not maintained in the general YMP document database. The document was subject to a controlled |

process that limited distribution to persons with a need to know, that prohibited personal copies, and that required return of copies to a single custodian for safekeeping.
 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.

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| Doc Type | DATA REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2641 |
| LSN Accession Number | DN2002333018 |
| Doc Date | 20020101 |
| Title | TBD 8 TECHNICAL BASIS DOCUMENT NO. 8:COLLOIDS |
| Subject Matter Description | Technical Basis Document 8:COLLOIDS |
| Authors | Bonano, Evaristo J. (Tito) / BSC Repository Development - Licensing / Sandia National Laboratory (SNL)-TSPA Validation Team Member Marietta, Melvin G. / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) - Technical Management Specialist |
| Recipients | Attorneys in the DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Do Not Copy, Attorney- Client Privileged, and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2643 |
| LSN Accession Number | DN2002329297 |
| Doc Date | 20020101 |
| Title | TECHNICAL BASIS DOCUMENT NO. 9: ENGINEERED BARRIER SYSTEM TRANSPORT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 9: ENGINEERED BARRIER SYSTEM TRANSPORT |
| Authors | Bonano, Evaristo J./ BSC Repository Development - Licensing/ Sandia National Laboratory |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Communication, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2644 |
| LSN Accession Number | DN2002334673 |
| Doc Date | 20020101 |
| Title | TECHNICAL BASIS DOCUMENT NO. 9: EBS TRANSPORT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 9: EBS TRANSPORT |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member |

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| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2646 |
| LSN Accession Number | DN2002332481 |
| Doc Date | 20020101 |
| Title | TBD #10 - UNSATURATED ZONE TRANSPORT |
| Subject Matter Description | Technical Basis Document #10 - UNSATURATED ZONE TRANSPORT |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040518.2647 |
| LSN Accession Number | DN2002334502 |
| Doc Date | 20030106 |
| Title | BIOSPHERE TRANSPORT AND EXPOSURE (TBD 12) |
| Subject Matter Description | BIOSPHERE TRANSPORT AND EXPOSURE (Technical Basis Document 12) |
| Authors | Rautenstrauch, Kurt R. / BSC Repository Development - Environmental Scientist/Engineer / BSC Senior Environmental Scientist/Engineer |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privilege, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040528.0629 |
| LSN Accession Number | DN2002337503 |
| Doc Date | 20040109 |

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| Title | TBD #3 - WATER SEEPING INTO DRIFTS |
| Subject Matter Description | Technical Basis Document #3 - WATER SEEPING INTO DRIFTS |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privilege and Prepared in anticipation of litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-other (OPINION) |
| Participant Accession No. | ALA.20040528.0634 |
| LSN Accession Number | DN2002332470 |
| Doc Date | 20030106 |
| Title | BIOSPHERE TRANSPORT AND EXPOSURE |
| Subject Matter Description | The document concerns Technical Basis Document #12, BIOSPHERE TRANSPORT AND EXPOSURE. |
| Authors | Rautenstrauch, Kurt R. / BSC Repository Development - Environmental Scientist/Engineer / BSC Senior Environmental Scientist/Engineer |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the technical area addressed in the document. The recipients are DOE attorneys with responsibility for YMP matters. |
| Purpose Of Document | The document was prepared at the request of and under the direction of counsel. The document provides the author's opinions on the referenced subject matter to enable counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney Client Privileged and Prepared in Anticipation of Litigation. The document was prepared as part of counsel's defense-in-depth consideration. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040528.0635 |
| LSN Accession Number | DN2002336094 |
| Doc Date | 20040107 |
| Title | TBD 12: BIOSPHERE TRANSPORT |
| Subject Matter Description | Technical Basis Document 12: BIOSPHERE TRANSPORT |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Preliminary-Attorney-Client Privileged and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040528.0637 |
| LSN Accession Number | DN2002331931 |

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| Doc Date | 20040107 |
| Title | TECHNICAL BASIS DOCUMENT NO. 14: LOW-PROBABILITY SEISMIC EVENTS |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 14: LOW-PROBABILITY SEISMIC EVENTS |
| Authors | Ake, Jon / DOE - OCRWM Office of License Application and Strategy / U.S. Bureau of Reclamation Geophysist |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Preliminary- Attorney- Client Privileged and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040618.0096 |
| LSN Accession Number | DN2002331434 |
| Doc Date | 20031212 |
| Title | SZ recycling comments, Swift and Arnold |
| Subject Matter Description | Chain of emails discussion comments on a draft licensing position paper addressing the potential exclusion of irrigation recycling from the TSPA. |
| Authors | Arnold, Bill / Sandia / DOE contractor Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/ DOE contractor Zhu, Ming / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist / DOE contractor |
| Recipients | Andrews, Robert W./ BSC Repository Development/ Arnold, Bill / SNL / Bailey, Jack/ BSC Repository Development/ Cereghino, Stephen J./ BSC Repository Development - License Application/ Dixon, Paul R. / BSC Repository Development - Subcontractor Department / Los Alamos National Laboratory (LANL) Laboratory Lead Echols, Francis / BSC / DOE contractor Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor Howard, Robert L./ BSC Repository Development - Performance Assessment Strategy and Scope/ Kuzio, Stephanie / Sandia National Laboratory / OCRWM Contractor Pendleton, Martha W./ BSC Repository Development - Science Integration/ Skoblar, Leonard/ BSC Repository Development - Regulatory Coordination Group/ Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/ Williams, Nancy H./ BSC Repository Development/ Wisenburg, Mark R./ BSC Repository Development - Licensing & Analysis/ Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I |
| Author Recipient Relationship | The authors and recipients are DOE M&O contract personnel. |
| Purpose Of Document | The email chain conveys dialogue regarding a draft licensing position paper, including comments and responses thereto. The purpose is to develop, at DOE's request, a licensing position to be recommended to DOE regarding inclusion or exclusion of irrigation recycling from the TSPA. |
| Confidentiality Statement | The email exchange is among Yucca Mountain Project personnel with responsibility for the subject licensing position paper and subject TSPA model. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients for purposes of the licensing proceeding. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20040817.1841 |
| LSN Accession Number | DN2002334371 |
| Doc Date | 20040223 |
| Title | SUMMARY OF IMPORTANT ISSUES IDENTIFIED IN DISCUSSIONS WITH BOB BUDNITZ, BOB KENNEDY AND ALLIN CORNELL(J. KING, J. AKE(SUMMARY), M, GROSS, R, DYER, S HANAUER) |
| Subject Matter Description | The subject matter is the license application and associated licensing strategy. |
| Author Recipient Relationship | The author and others are identified were charged with identifying issues with respect to DOE's licensing positions and offering recommendations on how to address those issues. |

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| Purpose Of Document | The purpose of this confidential memorandum is (1) to summarize issues identified in DOE's licensing positions, and associated positions taken in the license application; (2) in some instances, provide recommendations for addressing those issues; and (3) to improve DOE's licensing case. |
| Confidentiality Statement | Marked Attorney Client Privileged Marked Litigation 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. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20040817.1890 |
| LSN Accession Number | DN2002330766 |
| Doc Date | 20031125 |
| Title | ADDITIONAL BACKUP PREPARED FOR DEFENCE IN DEPTH REVIEW OF THE BIOSPHERE MODEL |
| Subject Matter Description | The document concerns the groundwater compliance standard for the YM repository. |
| Authors | DOE M&O contractor personnel |
| Recipients | Attorneys in DOE Office of General Counsel. |
| Author Recipient Relationship | The document was prepared by YMP personnel at BSC. The recipients are DOE attorneys who work on the YMP. |
| Purpose Of Document | The document was prepared at the request and under the direction of counsel. The document was prepared to provide information to DOE counsel, to enable DOE counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged and Prepared in anticipation of litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1895 |
| LSN Accession Number | DN2002332547 |
| Doc Date | 20031125 |
| Title | TBD # 1: CLIMATE AND INFILTRATION |
| Subject Matter Description | Technical Basis Document # 1: CLIMATE AND INFILTRATION |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP personnel with responsibility for the technical area addressed in the document. The recipients are DOE attorneys with responsibility for YMP matters. |
| Purpose Of Document | The document was prepared at the request and under the direction of counsel. The document was prepared to provide information on the referenced subject matter, to enable counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney Client Privileged, Litigation Work Product and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. The document is subject to a controlled process that prohibits copying, that limits distribution to persons for discussion with counsel, and that requires return of the document at the end of the discussion. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1896 |
| LSN Accession Number | DN2002334829 |
| Doc Date | 20031125 |
| Title | BREADTH OF TECHNICAL UNCERTAINTIES, CONSERVATISMS AND WEAKNESSES |
| Subject Matter Description | The document concerns the climate forecasting/infiltration models for the YM repository. |
| Authors | Technical lead for the climate forecasting model |
| Recipients | DOE Office of General Counsel |

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| Author Recipient Relationship | The author was the M&O contractor personnel with responsibility at the time for the climate forecasting model for the YMP. The recipient was DOE's counsel for the YMP. |
| Purpose Of Document | The document was prepared at the request of the DOE OGC. It was prepared by DOE's M&O contractor to identify for counsel issues that might arise in the licensing proceeding concerning the climate forecasting/infiltration models and potential responses to contentions on that topic. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document is subject to a controlled process that prohibits copying, that limits distribution to persons for discussion with counsel, and that requires return of the document at the end of the discussion. The document is not in the general YMP document database. 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. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040817.1897 |
| LSN Accession Number | DN2002331286 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASICS DOCUMENT NO.2: UNSATURATED ZONE FLOW |
| Subject Matter Description | TECHNICAL BASICS DOCUMENT NO.2: UNSATURATED ZONE FLOW |
| Authors | Bodvarsson, G.S. / Bechtel SAIC / DOE contractor Liu, Hui-Hai / Bechtel SAIC / DOE contractor |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Communication, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1898 |
| LSN Accession Number | DN2002335816 |
| Doc Date | 20031125 |
| Title | TBD #2 -UNSATURATED ZONE FLOW |
| Subject Matter Description | Technical Basis Document #2 -UNSATURATED ZONE FLOW |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040817.1901 |
| LSN Accession Number | DN2002332395 |
| Doc Date | 20031125 |

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| Title | TBD #3-WATER SEEPING INTO DRIFTS |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT #3-WATER SEEPING INTO DRIFTS |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1904 |
| LSN Accession Number | DN2002335407 |
| Doc Date | 20031125 |
| Title | IN-DRIFT CHEMICAL ENVIRONMENT |
| Subject Matter Description | The document concerns Technical Basis on IN-DRIFT CHEMICAL ENVIRONMENT. |
| Authors | Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the technical area addressed in the document. The recipients are DOE attorneys who work on YMP matters. The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | The document was prepared at the request of and under the direction of counsel. It provides information about the referenced topical area to enable counsel to identify and defend against potential contentions in the licensing proceeding. 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was part of counsel's defense-in-depth preparation for the licensing proceeding. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040817.1905 |
| LSN Accession Number | DN2002329563 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT NO.5: IN DRIFT CHEMICAL ENVIRONMENT |
| Subject Matter Description | Technical Basis Document No. 5: In Drift Chemical Environment |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |

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| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1912 |
| LSN Accession Number | DN2002336033 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT NO.7: IN-PACKAGE ENVIRONMENT AND WASTE FORM DEGRADATION AND SOLUBILITY |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO.7: IN-PACKAGE ENVIRONMENT AND WASTE FORM DEGRADATION AND SOLUBILITY |
| Authors | Rechard, Robert P. / BSC Repository Development / Sandia National Laboratory (SNL) Risk Analysis |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1913 |
| LSN Accession Number | DN2002330001 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT NO, 8: COLLOIDS |
| Subject Matter Description | Technical Basis Document No. 8: Colloids |
| Authors | Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) TSPA Validation Team Member Marietta, Melvin G. / BSC Repository Development / Sandia National Laboratory (SNL) Technical Management Specialist |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense in depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1914 |
| LSN Accession Number | DN2002334465 |
| Doc Date | 20031125 |
| Title | ATTORNEY - CLIENT PRIVILEGED PREPARED IN ANTICIPATION OF LITIGATION |
| Subject Matter Description | The "Defense-in-Depth" analysis of the anticipated issues associated with the colloid model. |
| Authors | Bonano, Evaristo J./ BSC Repository Development - Licensing/ Marietta, Melvin G./ BSC Repository Development - Licensing Defense/ |
| Recipients | DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | The document was prepared at the direction of DOE Office of General Counsel as part of a "Defense-in-Depth" initiative to understand and begin strategizing regarding anticipated issues associated with the License Application. 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 |

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| | prepare for contentions. |
| Confidentiality Statement | <p>The document was prepared for an provided to the DOE Office of General Counsel. The document was carefully controlled in terms of number and distribution of copies. It is marked "Attorney Client Privileged," "Prepared in anticipation of litigation," and "DO NOT COPY." The document was created as part of DOE counsel's defense-in-depth effort.</p> <p>This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel.</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> <p>The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian.</p> |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1916 |
| LSN Accession Number | DN2002335595 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT NO.9; ENGINEERED BARRIER SYSTEM TRANSPORT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO.9; ENGINEERED BARRIER SYSTEM TRANSPORT |
| Authors | Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member |
| Recipients | DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | <p>The document was prepared at the request and under the direction of counsel. The document was prepared to provide DOE counsel with information on the referenced subject matter, to enable DOE counsel to identify and prepare for potential contentions in the licensing proceeding.</p> <p>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.</p> |
| Confidentiality Statement | <p>The document is marked Do Not Copy, Attorney-Client Privileged and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort.</p> <p>This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel.</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> <p>The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian.</p> |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1917 |
| LSN Accession Number | DN2002330464 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT NO. 9: EBS TRANSPORT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 9: EBS TRANSPORT |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Reports to William Boyle (who is the Director of Postclosure and License Acquisition Div.). Postclosure and License Acquisition Division Team Member |
| Recipients | Attorneys in the DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the technical area addressed in the document. |
| Purpose Of Document | The document was prepared at the request and under the direction of counsel. The document provides the opinions of the author on the referenced subject matter, to enable counsel to anticipate and prepare for contentions in the licensing proceeding. |
| Confidentiality Statement | <p>The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation and Do Not Copy. The document was part of DOE counsel's defense-in-depth effort.</p> <p>This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel.</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> <p>The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian.</p> |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1918 |
| LSN Accession Number | DN2002334236 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT NO. 10: UNSATURATED ZONE TRANSPORT |

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| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 10: UNSATURATED ZONE TRANSPORT |
| Authors | Bodvarsson, Gudmundur S. / BSC Repository Development - Lawrence Berkeley National Laboratory / DOE contractor Houseworth, James E. / BSC Repository Development - Lawrence Berkeley National Laboratory / DOE contractor |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1919 |
| LSN Accession Number | DN2002331801 |
| Doc Date | 20031125 |
| Title | TBD #10- UNSATURATED ZONE TRANSPORT ERIC SMISTAD |
| Subject Matter Description | Technical Basis Document #10- UNSATURATED ZONE TRANSPORT |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privilege, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1920 |
| LSN Accession Number | DN2002335063 |
| Doc Date | 20030106 |
| Title | BIOSPHERE TRANSPORT AND EXPOSURE (TBD 12) |
| Subject Matter Description | BIOSPHERE TRANSPORT AND EXPOSURE (Technical Basis Document 12) |
| Authors | Rautenstrauch, Kurt R. / BSC Repository Development - Environmental Scientist/Engineer / BSC Senior Environmental Scientist/Engineer |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |

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| Participant Accession No. | ALA.20040817.1921 |
| LSN Accession Number | DN2002331269 |
| Doc Date | 20031125 |
| Title | TBD 12: BIOSPHERE TRANSPORT ERIC SMISTAD |
| Subject Matter Description | Technical Basis Document 12: BIOSPHERE TRANSPORT ERIC SMISTAD |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | OGC / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Communication, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1924 |
| LSN Accession Number | DN2002335733 |
| Doc Date | 20031125 |
| Title | TOTAL SYSTEM PERFORMANCE ASSESSMENT MODEL/ANALYSIS REPORT |
| Subject Matter Description | TOTAL SYSTEM PERFORMANCE ASSESSMENT MODEL/ANALYSIS REPORT |
| Authors | Swift, Peter N. / BSC Repository Development/ Sandia National Laboratory (SNL) General Technical Management |
| Recipients | Attorneys in the DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter addressed in the document. The recipients are DOE counsel who work on the YMP. The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | DATA REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1941 |
| LSN Accession Number | DN2002332488 |
| Doc Date | 20031021 |
| Title | ERIC SMISTAD |
| Subject Matter Description | TBD#1 - CLIMATE AND INFILTRATION |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to |

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| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1942 |
| LSN Accession Number | DN2002337092 |
| Doc Date | 20031021 |
| Title | TECHNICAL BASIS DOCUMENT NO. 7: IN-PACKAGE ENVIRONMENT AND WASTE FORM DEGRADATION AND SOLUBILITY. |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 7: IN-PACKAGE ENVIRONMENT AND WASTE FORM DEGRADATION AND SOLUBILITY |
| Authors | Rechard, Robert P. / BSC / Sandia National Laboratory subcontractor |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1944 |
| LSN Accession Number | DN2002332026 |
| Doc Date | 20031001 |
| Title | TECHNICAL BASIS DOCUMENT NO. 8: COLLOIDS |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 8: COLLOIDS |
| Authors | Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) subcontractor Marietta, Melvin G. / BSC Repository Development / Sandia National Laboratory (SNL) subcontractor |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The authors are YMP personnel with responsibility for the subject matter of the referenced document. The recipients are DOE attorneys who work on the YMP. |
| Purpose Of Document | The document was prepared at the request and under the direction of counsel. It was prepared to provide DOE counsel on the referenced subject matter, to enable DOE counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1945 |
| LSN Accession Number | DN2002338148 |
| Doc Date | 20031001 |
| Title | TECHNICAL BASIS DOCUMENT NO.8: COLLOIDS |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO.8: COLLOIDS |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member |
| Recipients | DOE Office of General Counsel |
| Author Recipient Relationship | The recipients were DOE attorneys working on the YMP. The author was a YMP project personnel who had been asked by DOE counsel for assistance in anticipating issues for contentions in the licensing proceeding. |
| Purpose Of Document | Memorandum from DOE counsel requesting that the technical leads for each technical area associated with the license application provide counsel advice regarding issues that might arise in the licensing proceeding with respect to their |

respective technical areas of expertise, with the response of the lead.

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| Confidentiality Statement | <p>The document is marked Attorney-Client Privileged and Prepared in anticipation of litigation. The document was maintained pursuant to a process that controlled distribution to authorized personnel, that prohibited personal copies, and that collected copies used in discussions regarding the document. The document is not available in the general YMP document database.</p> <p>This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel.</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 | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1948 |
| LSN Accession Number | DN2002333229 |
| Doc Date | 20030106 |
| Title | TECHNICAL BASIS DOCUMENT NO. 9: ENGINEERED BARRIER SYSTEM TRANSPORT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 9: ENGINEERED BARRIER SYSTEM TRANSPORT |
| Authors | Bonano, Evaristo J. / BSC / Sandia Natioanl Laboratory subcontractor |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | <p>The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do no copy. The document was prepared as part of DOE counsel's defense-in-depth effort.</p> <p>This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel.</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> <p>The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian.</p> |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1949 |
| LSN Accession Number | DN2002337738 |
| Doc Date | 20030106 |
| Title | TECHNICAL BASIS DOCUMENT NO.9: EBS TRANSPORT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO.9: EBS TRANSPORT |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure & License Acquisition Div-Team Member |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | <p>The document is marked Do Not Copy, Attorney- Client Privileged, and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense in depth effort.</p> <p>This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel.</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> <p>The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian.</p> |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1951 |
| LSN Accession Number | DN2002330248 |
| Doc Date | 20030106 |
| Title | BIOSPHERE TRANSPORT AND EXPOSURE (TBD 12) |
| Subject Matter Description | BIOSPHERE TRANSPORT AND EXPOSURE (Technical Bassi Document 12) |
| Authors | Rautenstrauch, Kurt R. / BSC Repository Development / BSC Senior Environmental Scientist/Engineer |
| Recipients | / DOE-Office of General Counsel / |

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| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privilege, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1952 |
| LSN Accession Number | DN2002335937 |
| Doc Date | 20031021 |
| Title | TBD 12: BIOSPHERE TRANSPORT ERIC SMISTAD |
| Subject Matter Description | Technical Basis Document 12: BIOSPHERE TRANSPORT |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1954 |
| LSN Accession Number | DN2002329290 |
| Doc Date | 20030901 |
| Title | TECHNICAL BASIS DOCUMENT NO. 2: UNSATURATED ZONE FLOW |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 2: UNSATURATED ZONE FLOW |
| Authors | Bodvarsson, Gudmundur S. / BSC Repository Development / Lawrence Berkeley National Laboratory (LBNL) Liu, Hui-Hai / BSC Repository Development / Lawrence Berkeley National Laboratory (LBNL) Geological Scientist |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1955 |
| LSN Accession Number | DN2002336509 |
| Doc Date | 20030901 |

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| Title | TBD# 2: UNSATURATED ZONE FLOW ERIC SMISTAD |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT # 2: UNSATURATED ZONE FLOW |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP personnel with responsibility for the subject matter discussed in the document. |
| Purpose Of Document | The document was prepared at the request and under the direction of counsel. The document was prepared to provide DOE counsel information on the referenced subject matter, to enable DOE counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1956 |
| LSN Accession Number | DN2002333068 |
| Doc Date | 20030901 |
| Title | WATER SEEPING INTO DRIFTS |
| Subject Matter Description | WATER SEEPING INTO DRIFTS |
| Authors | Bodvarsson, Gudmundur S. / BSC Repository Development - Performance Assessment / Lawrence Berkeley National Laboratory (LBNL) LBNL Lab Lead Finsterle, Stefan A. / BSC Repository Development - Engineered System / Lawrence Berkeley National Laboratory (LBNL) Scientist/Engineer |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1957 |
| LSN Accession Number | DN2002336153 |
| Doc Date | 20030901 |
| Title | TBD #3 - WATER SEEPING INTO DRIFTS ERIC SMISTAD |
| Subject Matter Description | Technical Basis Document #3 - WATER SEEPING INTO DRIFTS ERIC SMISTAD |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP personnel with responsibility for the subject matter addressed in the document. The recipients are DOE attorneys who work on the YMP. The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do no copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); |

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| | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1958 |
| LSN Accession Number | DN2002329971 |
| Doc Date | 20030901 |
| Title | TECHNICAL BASIS DOCUMENT NO. 4: MECHANICAL DEGRADATION AND SEISMIC EFFECTS |
| Subject Matter Description | Technical Basis Document No. 4: Mechanical Degradaton and Seismic Effects |
| Authors | Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document is prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1959 |
| LSN Accession Number | DN2002335751 |
| Doc Date | 20030901 |
| Title | IN-DRIFT CHEMICAL ENVIRONMENT |
| Subject Matter Description | IN-DRIFT CHEMICAL ENVIRONMENT |
| Authors | Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | The document was prepared at the request of and under the direction of DOE counsel. The document was prepared to provide information to DOE counsel on the referenced subject matter, to enable DOE counsel to identify and prepare for potential contentions in the licensing proceeding. |
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| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1960 |
| LSN Accession Number | DN2002331763 |
| Doc Date | 20030901 |
| Title | TECHNICAL BASIS DOCUMENT NO. 5: IN-DRIFT CHEMICAL ENVIRONMENT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 5: IN-DRIFT CHEMICAL ENVIRONMENT |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member |
| Recipients | Attorneys in the DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter addressed in the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | The document was prepared at the request and under the direction of counsel. The document was prepared to provide information on the referenced subject matter, to enable counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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.
The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian.

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| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1961 |
| LSN Accession Number | DN2002337062 |
| Doc Date | 20030901 |
| Title | WASTE PACKAGE & DRIP SHIELD (TBD #6) |
| Subject Matter Description | WASTE PACKAGE & DRIP SHIELD (Technical Basis Document #6) |
| Authors | Farmer, Joseph C. / BSC / Lawrence Livermore National Laboratory (LLNL) subcontractor /Engineer |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP personnel with responsibility for the subject matter addressed in the document. |
| Purpose Of Document | The document was prepared at the request of and under the direction of DOE counsel. The document provides information on the referenced subject matter, to enable counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged Marked, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | DATA DRAWING REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1962 |
| LSN Accession Number | DN2002332349 |
| Doc Date | 20030901 |
| Title | TECHNICAL BASIS DOCUMENT NO. 10: UNSATURATED ZONE TRANSPORT |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT NO. 10: UNSATURATED ZONE TRANSPORT |
| Authors | Bodvarsson, Gudmundur S. / BSC Repository Development / Lawrence Berkeley National Laboratory (LBNL) LBNL Lab Lead Houseworth, James E. / BSC Repository Development / Lawrence Berkeley National Laboratory (LBNL) UZ Deputy Department Manager |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1963 |
| LSN Accession Number | DN2002336772 |
| Doc Date | 20030901 |
| Title | TBD #10 - UNSATURATED ZONE TRANSPORT |
| Subject Matter Description | Technical Basis Document #10 - UNSATURATED ZONE TRANSPORT |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | / DOE-Office of General Counsel / |

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| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
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| Confidentiality Statement | The document is marked Attorney Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1964 |
| LSN Accession Number | DN2002329972 |
| Doc Date | 20030901 |
| Title | TBD 13: VOLCANIC EVENTS PRELIMINARY |
| Subject Matter Description | Technical Bassi Document 13: VOLCANIC EVENTS |
| Authors | Smistad, Eric / DOE / OCRWM Official |
| Recipients | Attorneys in the DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter addressed in the document. |
| Purpose Of Document | The document was prepared at the request and under the direction of DOE's counsel. The document was prepared to provide information on the referenced subject matter to counsel, to enable counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1965 |
| LSN Accession Number | DN2002333732 |
| Doc Date | 20030901 |
| Title | TBD 14 LOW PROBABILITY SEISMIC EVENTS PRELIMINARY |
| Subject Matter Description | Technical Basis Document 14 LOW PROBABILITY SEISMIC EVENTS PRELIMINARY |
| Authors | King, Jerry L. / BSC Repository Development / BSC Project Manager |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1966 |
| LSN Accession Number | DN2002333102 |

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| Doc Date | 20030901 |
| Title | LOW PROBABILITY SEISMIC EVENTS PRELIMINARY |
| Subject Matter Description | LOW PROBABILITY SEISMIC EVENTS models used for analysis of the YM repository |
| Authors | King, Jerry L. / BSC Repository Development / BSC Project Manager |
| Recipients | Attorneys with DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged and Prepared in anticipation of litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
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| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040817.1972 |
| LSN Accession Number | DN2002337257 |
| Doc Date | 20031125 |
| Title | TOTAL SYSTEM PERFORMANCE ASSESSMENT MODEL/ANALYSIS REPORT |
| Subject Matter Description | TOTAL SYSTEM PERFORMANCE ASSESSMENT MODEL/ANALYSIS REPORT |
| Authors | Swift, Peter N. / BSC Repository Development / Sandia National Laboratory(SNL)- General Technical Management |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Do Not Copy, Attorney- Client Privileged, and Prepared in Anticipation of Litigation. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | DATA REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040824.1364 |
| LSN Accession Number | DN2002336157 |
| Doc Date | 20040623 |
| Title | Re: Statement in Technical Basis Document No. 14 |
| Subject Matter Description | The document concerns the treatment of earthquake scenarios in the SAR and licensing proceeding. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis King, Jerry L. / BSC Repository Development - Site Recommendation / BSC Project Manager Nieder-Westermann, Gerald H. / BSC Repository Development - Operations / BSC Senior Science Specialist Quittmeyer, Richard C. / BSC Repository Development - KTI Completion Team / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Reynolds, Myles / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are YMP personnel responsible for preparation of the draft document that is the subject of counsel's advice, plus another attorney with DOE's outside licensing counsel. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues, with advice regarding potential contentions in the licensing proceeding regarding earthquake scenarios. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged & Confidential |

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| Doc Type | EMAIL |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20040824.3988 |
| LSN Accession Number | DN2002336746 |
| Doc Date | 20040604 |
| Title | Comments SAR Section 5 |
| Subject Matter Description | The subject matter of the document is General Information, Section 5, and comments on same made by DOE OGC and outside counsel. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Oney, Thomas / Hunton & Williams, LLP / Attorney Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer |
| Author Recipient Relationship | Authors are DOE OGC attorneys and DOE outside counsel, and recipient is DOE employee, and both are responsible for the subject draft LA section. |
| Purpose Of Document | Memorandum prepared by DOE OGC and attorney from Hunton & Williams to support regulatory and licensing review of General Information Section 5 of the License Application and to assist DOE in preparing for the filing of the LA in the high level waste proceeding. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged & 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. |
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| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice DPP; |
| Participant Accession No. | ALA.20040824.3989 |
| LSN Accession Number | DN2002330918 |
| Doc Date | 20040604 |
| Title | Comments GI Section 5 |
| Subject Matter Description | The subject matter is draft license application, section 5, General Information. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Oney, Thomas / Hunton & Williams, LLP / Attorney Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Ang, Marybelle C. / DOE - Office of General Counsel (OGC)/ Attorney Edwards, W J. / Hunton & Williams, LLP/ Attorney Fillmore, Robert M. / Hunton & Williams, LLP/ Attorney Irwin, Donald / Hunton & Williams, LLP/ Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Rinaca, James / Hunton & Williams, LLP/ Attorney |
| Author Recipient Relationship | Authors and recipients are licensing counsel and a DOE employee responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of this document is to transmit OGC and outside licensing counsel comments to the project licensing organization on section 5 of the draft license application. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged & 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 | CORRESPONDENCE EMAIL-ATT |

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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20040824.5674 |
| LSN Accession Number | DN2002335019 |
| Doc Date | 20040219 |
| Title | SEISMIC |
| Subject Matter Description | The document concerns the status of seismological studies and inputs to both pre- and post-closure TSPA efforts. |
| Authors | Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director |
| Recipients | DOE office of general counsel |
| Author Recipient Relationship | The author was a senior DOE OCRWM official. The recipients were attorneys in the DOE office of general counsel who work on YMP matters. |
| Purpose Of Document | The document provides the author's opinions on the referenced subject matter to DOE counsel at counsel's request, to aid counsel in preparing for the licensing proceeding by identifying potential contentions. |
| Confidentiality Statement | Marked Licensing Privileged Marked Prepared in anticipation of litigation 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 LIST REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040824.6129 |
| LSN Accession Number | DN2002335521 |
| Doc Date | 20040610 |
| Title | Comments SAR Section 2.3.4doc |
| Subject Matter Description | Memorandum with attorney comments on draft SAR Section 2.3.4 |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Jo Ann Biggs / Hunton & Williams / Attorney |
| Recipients | Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Reynolds, Myles / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel and DOE outside licensing counsel who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | Provide attorney comments on draft SAR and draft LA. |
| Confidentiality Statement | Marked Attorney Client Communication 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. |
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| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice DPP; |
| Participant Accession No. | ALA.20040831.2275 |
| LSN Accession Number | DN2002333742 |
| Doc Date | 20040614 |
| Title | YM-3777-v2-MEMO SAR Pefromance Confirmation Comments |
| Subject Matter Description | The document concerns the draft chapter 4 of the draft LA, which addresses a potential performance confirmation plan for the YM repository. |
| Authors | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney |
| Recipients | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member |

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| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are two DOE OCRWM officials who are responsible for 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, from the perspective of regulatory compliance and other legal issues. |
| Confidentiality Statement | Marked Attorney Client Communication 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. 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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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20040831.2773 |
| LSN Accession Number | DN2002481371 |
| Doc Date | 20040616 |
| Title | Bradbury comments SAR Section 1.6 |
| Subject Matter Description | Bradbury comments SAR Section 1.6 which concerns Identification of Hazards and Initiating Events |
| Authors | Bradbury, Robert / MTS - Regulatory / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) / DOE contractor |
| Recipients | Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor |
| Author Recipient Relationship | Authors and recipients are DOE contractors responsible for the subject draft SAR section |
| Purpose Of Document | Comments on draft SAR. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20040831.2774 |
| LSN Accession Number | DN2002481377 |
| Doc Date | 20040616 |
| Title | J Johns Comments (Section 1.6) |
| Subject Matter Description | Jeff Johns Comments on LA Section 1.6 - Identification of Hazards and Initiating Events |
| Authors | Johns, Jeff / MTS / DOE contractor |
| Recipients | Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor |
| Author Recipient Relationship | Authors and recipients are DOE contractors responsible for the subject draft SAR section |
| Purpose Of Document | Comments on draft SAR. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20040831.2775 |
| LSN Accession Number | DN2002332023 |
| Doc Date | 20040616 |
| Title | Kathryn Knapp 1.6 |
| Subject Matter Description | Comments from Kathryn Knapp on draft SAR section 1.6 (Identification of Hazards and Initiating Events). |
| Authors | Knapp, Kathryn / MTS - Environment, Safety & Health Team / Booze Allen Hamilton (BAH) Senior Environmental Engineer/Scientist / DOE contractor |
| Recipients | Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor |
| Author Recipient Relationship | The authors and recipients are DOE M&O contractor personnel responsible for development of this draft section of the SAR. |
| Purpose Of Document | This document provides comments and suggested changes to draft SAR 1.6. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named |

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| | recipients. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20040831.2776 |
| LSN Accession Number | DN2002481375 |
| Doc Date | 20040614 |
| Title | Nutt Review Comments (Section 1.6) |
| Subject Matter Description | Review Comments Draft SAR Section 1.6 Identification of Hazards and Initiating Events, W. Mark Nutt |
| Authors | Nutt, William M. / MTS - Technical Expertise Teams Coordinator / Golder Associates Team Lead / DOE contractor |
| Recipients | Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor |
| Author Recipient Relationship | Authors and recipients are DOE contractors responsible for the subject draft SAR sections |
| Purpose Of Document | Comments on draft SAR. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20040831.2777 |
| LSN Accession Number | DN2002481370 |
| Doc Date | 20040615 |
| Title | Osborne Chapter 1.6 Hazards Comments |
| Subject Matter Description | The document concerns section 1.6 of the draft LA, which concerns identification of hazards and initiating events. |
| Authors | Osborne, James / DOE - OCRWM Office of Facility Operations / Site Operations Team member |
| Recipients | Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section |
| Purpose Of Document | Comments on draft SAR. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20040831.2894 |
| LSN Accession Number | DN2002329861 |
| Doc Date | 20040514 |
| Title | Rev 3 Review - Attorney Client Privileged |
| Subject Matter Description | The document concerns the draft performance confirmation plan for the YN repository. |
| Authors | Hunton & Williams LLP |
| Recipients | Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/ DOE Office of General Counsel Henning, Roger J. / BSC Repository Development - Natural Systems / BSC Principal Scientist II Weaver, Douglas / BSC / SNL subcontractor |
| Author Recipient Relationship | The authors are attorneys with DOE's outside licensing counsel for the YMP. The document was provided to the DOE Office of General Counsel and then by the Office of General to three YMP personnel responsible for the draft document that was the subject of counsel's advice. |
| Purpose Of Document | The document provides the confidential legal advice and recommendations of DOE's licensing counsel on the draft performance confirmation plan. |
| Confidentiality Statement | The document is marked Privileged and Confidential, Attorney Client Communication, and 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-ATT FORM LEGAL DOCUMENT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |

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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20040902.0066 |
| LSN Accession Number | DN2002331448 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT: WATER SEEPING INTO DRIFTS |
| Subject Matter Description | TECHNICAL BASIS DOCUMENT: WATER SEEPING INTO DRIFTS |
| Authors | Bodvarsson, Gudmundur S. / BSC / LBNL subcontractor Finsterle, Stefan A. / BSC / LBNL subcontractor |
| Recipients | Attorneys in DOE Office of General Counsel |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do Not Copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040902.0067 |
| LSN Accession Number | DN2002335540 |
| Doc Date | 20031125 |
| Title | TECHNICAL BASIS DOCUMENT NO.4: MECHANICAL DEGRADATION AND SEISMIC EFFECTS |
| Subject Matter Description | Technical Basis Document No. 4: Mechanical Degradation and Seismic Effects |
| Authors | Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| 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 | The document is marked Attorney Client Communication, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040902.0068 |
| LSN Accession Number | DN2002329950 |
| Doc Date | 20031125 |
| Title | WASTE PACKAGE & DRIP SHIELD (TBD) #6) |
| Subject Matter Description | WASTE PACKAGE & DRIP SHIELD (Technical Basis Document #6) |
| Authors | Farmer, Joseph C. / BSC / Lawrence Livermore National Laboratory (LLNL) subcontractor / Engineer |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a YMP personnel with responsibility for the subject matter addressed in the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | The document was prepared at the request and under the direction of DOE counsel. The document was prepared to provide information to DOE counsel, to enable DOE counsel to identify and prepare for potential contentions in the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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 |

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| Doc Type | DATA DRAWING REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040902.0070 |
| LSN Accession Number | DN2002470083 |
| Doc Date | 20040515 |
| Title | LSN DOCUMENTS COVER SHEET POTENTIALLY RELEVANT DOCUMENTS |
| Subject Matter Description | Technical Basis Document #1 : Climate and Infiltration. |
| Authors | Bodvarsson, Gudmundur S. / BSC Repository Development - Unsaturated Zone /Manager / LBNL subcontractor Faybishenko, Boris / BSC Repository Development - KTI Completion Team /Staff Scientist |
| Recipients | / DOE-Office of General Counsel / |
| Author Recipient Relationship | The author is a DOE M&O contract personnel. The recipient is counsel at the DOE OGC. Both have responsibility for the subject matter of the draft document. |
| Purpose Of Document | The purpose of the document is to describe the model and accompanying Technical Basis Document summarizing the conceptual understanding and the results of present-day and future climate forecasting and net infiltration modeling for different climatic states. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged, Prepared in anticipation of litigation, and Do not copy. The document was prepared as part of DOE counsel's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20040929.2143 |
| LSN Accession Number | DN2002332578 |
| Doc Date | 20040712 |
| Title | Section 5.8 |
| Subject Matter Description | Comments on SAR Section 5.8 |
| Authors | Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Crawford, Marian J. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Safety and Health Division Team Member Edwards, W J. / Hunton & Williams, LLP / Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer McRae, James Ben / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters, DOE's outside licensing counsel for the Yucca Mountain Project, and DOE OCRWM personnel who have responsibility for preparation of the draft document that is the subject of counsel's advice. |
| Purpose Of Document | Attorney comments on draft SAR. |
| Confidentiality Statement | Marked Attorney Client Privilege 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. |
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| Other Privilege Types | ACP-attorney to client; ACP-client to attorney DPP; |
| Participant Accession No. | ALA.20040929.2770 |
| LSN Accession Number | DN2002470531 |
| Doc Date | 20040708 |

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| Title | gc Comments - TBD 5, App N |
| Subject Matter Description | The subject matter of the memo is the advice of legal counsel concerning the draft Appendix N to Technical Basis Document No. 5 |
| Authors | Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager Beckman, Donald / BSC Repository Development - KTI Completion Team / Beckman & Associates (B&A) or (BAA) Program Manager Bodvarsson, Gudmundur S. / BSC Repository Development - Performance Assessment / Lawrence Berkeley National Laboratory (LBNL) LBNL Lab Lead Campbell, Christopher / BSC Repository Development - Natural Systems / Lawrence Berkeley National Laboratory (LBNL) Geological Scientist Mariner, Paul / SNL / Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst Price, Joe C. / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Division Team Member Spycher, Nicholas / Lawrence Berkeley National Laboratory / Sweeney, Toney / BSC / |
| Author Recipient Relationship | The authors are outside counsel for DOE for the YMP and a DOE OGC attorney who works on YMP matters. The recipients are DOE OCRWM personnel and other Yucca Mountain Project contractor personnel who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | The document conveys the legal advice and comments of DOE's lawyers on the subject draft document to the project personnel responsible for the subject document. |
| Confidentiality Statement | The document was drafted by DOE's legal counsel and provided to the project personnel responsible for the subject document. Marked Attorney Client Communication Marked Attorney Work Product 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. |
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| Participant Accession No. | ALA.20041227.0399 |
| LSN Accession Number | DN2002469059 |
| Doc Date | 20040817 |
| Title | Confidential--Protected by Attorney Client Privilege and Work-Product Immunity - (Action 2) |
| Subject Matter Description | The document concerns the impacts of varying input parameters in simplified performance assessment calculations for peak dose. |
| Authors | Nutt, Mark/ Golder Associates/ OCRWM contractor |
| Recipients | Andrews, Robert W./ BSC Repository Development - Conversion/ Arthur, John, III/ DOE - OCRWM Office of Repository Development/ Deputy Director Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Chu, Margaret/ DOE - OCRWM/ Director Dyer, J. Russell / DOE - OCRWM Office of Repository Development/ OCRWM official Edwards, W J./ Hunton & Williams, LLP/ Attorney Halloway, Jay/Hunton & Williams, LLP / Attorney Irwin, Donald/ Hunton & Williams, LLP/ Attorney Peters, Mark/ BSC Repository Development - Engineered System/ OCRWM contractor Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ OCRWM contractor Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/ OCRM official Ziegler, Joseph/DOE OCRWM/Licensing Director Zuegin, Lee/Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is a consultant/contractor to OCRWM. The direct recipient (Sweeney) is a DOE OGC attorney who works on YMP matters. The other recipients are DOE attorneys (OGC and outside licensing counsel) and senior YMP officials with a need to know the subject of the communication. |
| Purpose Of Document | The document provides information prepared for and at the request of DOE counsel to enable counsel to provide legal advice to DOE on the referenced subject matter. |
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| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
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| Participant Accession No. | ALA.20041227.1659 |
| LSN Accession Number | DN2002333621 |
| Doc Date | 20040730 |
| Title | Attorney Client Privileged - seismic scenario |
| Subject Matter Description | The document concerns the potential treatment of seismic scenarios for the license application. |
| Authors | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead |
| Recipients | Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Chu, Margaret / DOE - OCRWM / DOE Director DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Dyer, J. Russell / DOE - OCRWM Office of Repository Development / OCRWM official Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Williams, Jeffrey R. / DOE - OCRWM / OCRWM official Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author is a DOE OCRWM official. The recipients are DOE OGC counsel, the director and deputy director of OCRWM, and other YMP personnel who work with the author on the subject of the referenced communication. |
| Purpose Of Document | The document comments on recommendations requested by DOE counsel and OCRWM management regarding possible alternative options for seismic scenarios to be considered by DOE. |
| Confidentiality Statement | The document is 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. |
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| Other Privilege Types | ACP-client to attorney DPP; |
| Participant Accession No. | ALA.20041227.2724 |
| LSN Accession Number | DN2002332207 |
| Doc Date | 20040722 |
| Title | Preliminary coarse estimates (credit approach) |
| Subject Matter Description | This is the attachment to the August 16, 2004 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 consultant/contractor to OCRWM. The recipient is an attorney with DOE who works on YMP matters. |
| Purpose Of Document | The purpose of the document is to provide, at DOE counsel's request, preliminary estimates of long-term peak dose based on developmental methodology by running a comprehensive TSPA to assist DOE counsel in advising DOE regulatory issues for the licensing proceeding. |
| Confidentiality Statement | The document is marked Attorney Client Privileged, Prepared in Anticipation of Litigation, Predecisional Draft-Internal Use Only-Do Not Disseminate. 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. |
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| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20041227.3406 |
| LSN Accession Number | DN2002461050 |
| Doc Date | 200407XX |
| Title | TBD 5, app M -GC1 |
| Subject Matter Description | The document concerns the draft Appendix M to Technical Basis Document #5. |
| Authors | Amanda Beasley / Hunton & Williams / Attorney Angela Kordyak / DOE General Counsel / Attorney John Holloway III / Hunton & Williams / Attorney |

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| Recipients | <p>Beach, Charles/BSC</p> <p>Beckman, Donald/ BSC Repository Development - KTI Completion Team/</p> <p>Duschek, Thomas/BSC</p> <p>Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor</p> <p>Howard, Cliff / Sandia National Laboratory / OCRWM Contractor</p> <p>Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor</p> <p>Morgan, Tish/ MTS - Licensing/</p> <p>Nieder-Westermann, Gerald H./ BSC Repository Development - Chief Science Officer/</p> <p>Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/</p> <p>Salmon, David A./ BSC Repository Development - Geologists/</p> <p>Sweeney, Tony/BSC</p> |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are YMP personnel with responsibility for preparation of the draft document that is the subject of counsel's advice. |
| Purpose Of Document | Memorandum from attorneys at Hunton & Williams and with DOE GC to clients regarding Review of TBD No. 5, Appendix M. The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. The document was provided to relevant YMP personnel to develop a response to counsel's questions. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20041227.7283 |
| LSN Accession Number | DN2002337055 |
| Doc Date | 200407XX |
| Title | TBD 5, app M -GC1 |
| Subject Matter Description | The document concerns Technical Basis Document 5, In-Drift Chemical Environment, Appendix M. |
| Authors | <p>Beasley, Amanda / Hunton & Williams, LLP / Attorney</p> <p>Holloway, John / Hunton & Williams, LLP / Attorney</p> <p>Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney</p> |
| Recipients | <p>Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/</p> <p>Kordyak, Angela/ DOE - Office of General Counsel (OGC)/ Attorney</p> <p>Morgan, Tish / MTS - Licensing / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)</p> <p>Price, Joe C. / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Division Team Member / OCRWM contractor</p> <p>Sassani, David C./ MTS - Performance Assessment/Science/ OCRWM contractor</p> |
| Author Recipient Relationship | The authors are attorneys with the DOE OGC who work on YMP matters and attorneys with DOE's outside licensing counsel for the YMP. The recipients are YMP personnel who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | The document provides the confidential legal advice of DOE's counsel on the referenced draft document, from a the perspective of regulatory compliance and other legal issues. |
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| Participant Accession No. | ALA.20041227.7370 |
| LSN Accession Number | DN2002331564 |
| Doc Date | 20040729 |
| Title | LA SAR Comment Review and Consolidation Meeting of 7-29-04 |
| Subject Matter Description | LA SAR Comment Review and Consolidation Meeting of 7-29-04 |
| Authors | Gonzalez, Jaime/ BSC / |
| Recipients | <p>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager</p> <p>Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer</p> <p>Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman Engineering Division Director</p> |

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| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections |
| Purpose Of Document | Comments on LA SAR review & Consolidation Meeting of 7/29/04 Action Items External to LA Documentation Resulting from the Meeting |
| Confidentiality Statement | Marked Predecisional Draft-Internal Use Only-Do Not Disseminate 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. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20050317.4712 |
| LSN Accession Number | DN2002470511 |
| Doc Date | 19990203 |
| Title | Re: YDAR No. 20372/White Papers Re: Defense in Depth |
| Subject Matter Description | The document sets forth the authors' discussion of whether to accept or reject two white papers as meeting the requirements of a deliverable from the M&O. The subject white papers relate to postclosure repository design bases and the viability assessment reference system. |
| Authors | Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Acting Director Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ |
| Recipients | Andrews, Robert W./ BSC Repository Development - Conversion/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Dockery, Holly / YMP Personnel Dove, Harvey/ BSC Repository Development - Science & Analysis/ Gamble, Robert / MTS / MTS/Booz-Allen Support Contract Gil, April V./ DOE - OCRWM Office of Repository Development/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Richardson, Dennis C./ BSC Repository Development - Conversion/ Rickertsen, Larry D./ BSC Repository Development - Conversion/ Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Weber, Ellyn / Innovations / OCRWM contractor Williams, Dennis/ DOE - OCRWM/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/ |
| Author Recipient Relationship | The authors are officials within OCRWM, and the recipients are other officials within OCRWM as well as DOE's M&O contractor personnel. |
| Purpose Of Document | The purpose of the document is to inform and discuss the decision whether to accept or reject the white papers as sufficient to meet the requirements of the deliverable, which is aimed at responding to issues raised in the course of a "Defense-in-Depth" analysis conducted by the DOE OGC to identify and strategize regarding issues anticipated in the Licensing proceeding. |
| Confidentiality Statement | The document was drafted and circulated to the YMP Project Personnel with responsibility for evaluating the deliverable as well as the subject matter of the white papers. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20050323.2826 |
| LSN Accession Number | DN2002332693 |
| Doc Date | 20040607 |
| Title | Atty Comments SAR 5.9 |
| Subject Matter Description | The document concerns the draft section 5.9 of the draft LA, which addresses use of the GROA for purposes other than disposal of radioactive waste. |
| Authors | Edwards, W. Jeffrey / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Ralphs, Philip / DOE - CRWMS / Zaccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead / OCRWM contractor |
| Author Recipient Relationship | Authors are attorneys with DOE OGC and DOE outside licensing counsel and recipients are DOE employees and |

contractors responsible for the subject draft LA (or SAR) sections

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| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
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| Participant Accession No. | ALA.20050323.2827 |
| LSN Accession Number | DN2002479160 |
| Doc Date | 20040623 |
| Title | Bradbury-DOE Comments on SAR Section 5.10 |
| Subject Matter Description | Bradbury-DOE Comments on SAR Section 5.10 |
| Authors | Bradbury, Robert/ MTS - Licensing/ OCRWM contractor |
| Recipients | Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer Ralphs, Philip / DOE - CRWMS / |
| Author Recipient Relationship | The author is a DOE contractor, and the recipients are project personnel who have responsibility over the development of SAR section 5.10 (technical specifications) |
| Purpose Of Document | Comments on draft SAR |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20050323.2834 |
| LSN Accession Number | DN2002479127 |
| Doc Date | 20040611 |
| Title | RW-20E 5.6 |
| Subject Matter Description | Comments on Section 1.12-Plans for Permanent Closure and Decontamination; Draft License Application: Section 1.3.5 -Subsurface Facility Ventilation, and Section 1.4.2-Controls and Monitoring (RW-20E 5.6) |
| Authors | Project personnel who have responsibility for development of SAR section 1.4.2 |
| Recipients | Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer Ralphs, Philip / DOE - CRWMS / |
| Author Recipient Relationship | Authors and recipients are DOE employees responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Comments on draft SAR. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20050323.3926 |
| LSN Accession Number | DN2002329766 |
| Doc Date | 20040624 |
| Title | Comments - TBD 3, App F |
| Subject Matter Description | The subject matter of the document is Appendix F to Technical Basis Document No. 3, and DOE's attorneys' comments on same. |
| Authors | Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) / OCRWM contractor Price, Joe C. / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Division Team Member |

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| Author Recipient Relationship | The authors are attorneys with DOE's outside counsel and DOE OGC and the recipients are DOE employees and contractors responsible for the subject draft document. |
| Purpose Of Document | To convey DOE's OGC attorneys' and outside counsel's comments, recommendations and legal advice on the subject draft document. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication 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. |
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| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20050323.4013 |
| LSN Accession Number | DN2002337966 |
| Doc Date | 20040719 |
| Title | YM-4071-v2-Comments on 2.3.5 and 2.3.6 7 6 04 Version |
| Subject Matter Description | DOE licensing counsel comments on Chapter's 2.3.5 and 2.3.6 of the draft LA |
| Authors | Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The authors are attorneys with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel who have responsibility for preparation of the draft document that is the subject of counsel's advice. The recipients also include DOE OGC attorneys for the Yucca Mountain Project. |
| Purpose Of Document | Provide attorney comments on draft SAR Section 2.3.5 & 2.3.6 |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Client Communication 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. |
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| Participant Accession No. | ALA.20050323.9600 |
| LSN Accession Number | DN2002331820 |
| Doc Date | 20041019 |
| Title | Independent Technical Review TSPA-LA |
| Subject Matter Description | Review of Appendix C "Independent Technical Review of the TSPA-LA Model", Memorandum |
| Authors | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipient is with DOE OCRWM and has responsibility for preparation of the draft document that is the subject of counsel's advice. |
| Purpose Of Document | The document provides confidential legal advice on Appendix C, "Independent Technical Review of the TSPA-LA Model", from the perspective of regulatory compliance and other legal issues. |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20050331.5443 |
| LSN Accession Number | DN2002481336 |
| Doc Date | 20040802 |
| Title | Chapter Comments on 1.8 |
| Subject Matter Description | The document concerns draft section § 1.8 of the draft License Application. |
| Authors | Beasley, Amanda / Hunton & Williams, LLP / Attorney Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Frazier, Amanda / Hunton & Williams, LLP / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The authors are attorneys with DOE's outside licensing counsel for the YMP. The recipient is an attorney with the DOE OGC who works on YMP matters. |
| Purpose Of Document | The document provides confidential legal advice on the subject draft section of the LA. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and 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-ATT |
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| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20050331.5444 |
| LSN Accession Number | DN2002481311 |
| Doc Date | 20040802 |
| Title | Chapter Comments on 1.9 |
| Subject Matter Description | The document concerns draft section § 1.9 of the draft License Application. |
| Authors | Beasley, Amanda / Hunton & Williams, LLP / Attorney Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Frazier, Amanda / Hunton & Williams, LLP / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The authors are attorneys with DOE's outside licensing counsel for the YMP. The recipient is an attorney with the DOE OGC who works on YMP matters. |
| Purpose Of Document | The document provides confidential legal advice on the subject draft section of the LA. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product 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. |
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| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20050331.6982 |
| LSN Accession Number | DN2002334788 |
| Doc Date | 20041007 |
| Title | Your e-mail re Aging System: |
| Subject Matter Description | The subject matter of the email is comments and action items relative to draft LA section 1.2.6 (aging system). |
| Authors | Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director |
| Author Recipient Relationship | The author is an attorney with DOE OGC's outside counsel and the recipients are an attorney with DOE OGC's outside counsel and a DOE employee responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | The purpose of the email is to communicate with the client to enable the attorney to render legal advice and analysis regarding the subject LA section and associated proposed action items. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050331.6983 |
| LSN Accession Number | DN2002331653 |
| Doc Date | 20041006 |
| Title | e-mail from Jeff Williams |
| Subject Matter Description | The subject matter of the email is draft SAR Section 1.2.6 (aging system) and the comments of various email authors in the email chain. |
| Authors | Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ Siddoway, Dean / DOE Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/ |
| Recipients | Bailey, Jack N./ BSC/ Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Boyle, William J/ DOE - OCRWM Office of Repository Development/ Brook, Robert / DOE Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ Morgan, Robert G./ BSC Repository Development - Chief Science Officer/ Siddoway, Dean / DOE Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/ Ziegler, Joseph/ DOE-OCRWM/Licensing Director/ |
| Author Recipient Relationship | The authors and recipients are DOE employees and contractors, including attorneys from the DOE OGC and OGC's outside counsel, responsible for the subject draft SAR sections. |
| Purpose Of Document | The purpose of the document is to convey and discuss comments on the draft SAR Section 1.2.6, including the comments and legal advice of counsel regarding the subject draft. |
| Confidentiality Statement | Marked Attorney Client Privileged Marked LSN: Potentially 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. EMAIL-ATT |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) 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.20050331.8973 |
| LSN Accession Number | DN2002470702 |
| Doc Date | 20040907 |
| Title | KEB |
| Subject Matter Description | This document is a draft of SAR section 1 that contains counsel's comments and recommended changes. |
| Authors | Beard, Kristina / Hunton & Williams, LLP / Attorney |
| Recipients | Yucca Mountain Project Personnel with responsibility over the development of this SAR Section |
| Author Recipient Relationship | Outside licensing counsel is providing her comments and legal advice to YMP project personnel who have responsibility over this draft SAR section. |
| Purpose Of Document | The purpose of this document is to convey outside licensing counsel's legal analysis and advice with respect to draft SAR section 1. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Predecisional Marked Do Not Disseminate |
| Doc Type | EMAIL-ATT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |

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| Participant Accession No. | ALA.20050418.3396 |
| LSN Accession Number | DN2002335681 |
| Doc Date | 20050124 |
| Title | CONFIDENTIAL - ATTORNEY-PRIVILEGED - Request for your review of |
| Subject Matter Description | The document concerns the treatment of FEPS that have been excluded from the 10,000 year TSPA. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Peters, Mark/ BSC Repository Development - Engineered System/ Sweeney, Janine/ DOE - Office of General Counsel (OGC)/attorney |
| Author Recipient Relationship | The author is an DOE M&O contractor personnel for the YMP. The document was sent to a fellow DOE M&O contractor personnel who had responsibility for the subject of the communication, as well as to the DOE attorney at whose request the personnel were acting. |
| Purpose Of Document | Correspondence prepared at the direction of DOE OGC seeking comments and analysis on the means to address FEPS that have been excluded from the 10,000 Year TSPA and prepared to assist DOE counsel in 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 | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |

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| Participant Accession No. | ALA.20050421.2833 |
| LSN Accession Number | DN2002335412 |
| Doc Date | 20050126 |
| Title | GI-3 Draft B |
| Subject Matter Description | The draft LA section (General Information) proposes for DOE's consideration a potential physical protection plan that could be implemented in connection with the YM repository, to meet the requirements of 10 CFR 63.21(b)(3) |
| Authors | Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/ |
| Recipients | Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Crosland, Martha / DOE OGC/ attorney Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / DOE Security Specialist Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Garrett, D. / Hunton & Williams, LLP / Assistant to Attorney Robert Fillmore Irwin, Donald / Hunton & Williams, LLP / Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kelmenson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Meacham, Paul / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Technical Specialist Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler Oney, Thomas / Hunton & Williams, LLP / Attorney Powell, David/BSC Ruffin, Steve R. / BSC Repository Development - Systems Engineering & Integration / Feasibility and Support Trubatch, Sheldon/BSC/Attorney |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors and attorneys from DOE's OGC and outside counsel responsible for the subject draft LA section. |
| Purpose Of Document | The document is a draft of the referenced section of the draft LA and proposes a physical protection plan, with comments by the personnel responsible for its development. The document is provided to attorneys, among others, in order to seek their comments and legal advice concerning the positions in and form and content of the draft documents. |
| Confidentiality Statement | Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate 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. |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney |

DPP;

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| Participant Accession No. | ALA.20050421.2834 |
| LSN Accession Number | DN2002333153 |
| Doc Date | 20050126 |
| Title | GI-4 Draft B |
| Subject Matter Description | The draft LA section (General Information) concerns a proposed material control and accounting program to be implemented in connection with the YM repository to meet the requirements of 10 CFR 63.21(b)(4). |
| Authors | Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/ |
| Recipients | Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Crosland, Martha / DOE OGC/attorney Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / DOE Security Specialist Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Garrett, D. / Hunton & Williams, LLP / Assistant to Attorney Robert Fillmore Irwin, Donald / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kelmenson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Meacham, Paul / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Technical Specialist Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler Oney, Thomas / Hunton & Williams, LLP / Attorney Powell, David / BSC Ruffin, Steve R. / BSC Repository Development - Systems Engineering & Integration / Feasibility and Support Trubatch, Sheldon/BSC/Attorney |
| Author Recipient Relationship | The author is an OCRWM M&O contractor personnel responsible for the referenced draft LA section. The recipients are DOE employees and contractors and attorneys from DOE's OGC and outside counsel responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | The document is a draft of the referenced section of the draft LA and proposes a material control and accounting program, with comments by the personnel responsible for its development. The document is provided to attorneys, among others, in order to seek their comments and legal advice concerning the positions in and form and content of the draft documents. |
| Confidentiality Statement | Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication 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. |
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| Participant Accession No. | ALA.20050513.0230 |
| LSN Accession Number | DN2002337381 |
| Doc Date | 20050311 |
| Title | outlineforbriefings 1-10 |
| Subject Matter Description | The document concerns the draft section 1.10 of the draft LA which concerns the proposed implementation of ALARA principles in the design and operation of the YM repository. |
| Authors | Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney |
| Recipients | Wright, William H/ Hunton & Williams, LLP/attorney |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipient is an attorney with DOE's outside licensing counsel for the YMP. |
| Purpose Of Document | The document provides counsel's identification of issues concerning the referenced draft section of the draft LA, for purposes of briefing DOE management. It contains counsel's legal analysis of draft SAR section 1.10 (Meeting the ALARA Requirements for Normal Operations). |
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| Doc Type | EMAIL-ATT LIST MANUAL |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |
| Participant Accession No. | ALA.20050513.0309 |
| LSN Accession Number | DN2002481347 |
| Doc Date | 20050215 |
| Title | Master Legal Comments 1.9 |
| Subject Matter Description | This document is a draft of SAR section 1.9 (Structure, Systems and Components Important to Safety), and contains suggested changes and comments from Office of General Counsel and outside licensing counsel. |
| Authors | DOE Office of General Counsel and Hunton & Williams LLP |
| Recipients | YMP project personnel with responsibility over development of this draft SAR section |
| Author Recipient Relationship | The authors are lawyers with the DOE office of general counsel and DOE outside licensing counsel, and the recipients are YMP project personnel with responsibility over development of this draft SAR section. |
| Purpose Of Document | This document provide legal counsel's analysis and advice on draft SAR section 1.9. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and 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. |
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| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20050523.1231 |
| LSN Accession Number | DN2002333828 |
| Doc Date | 20041105 |
| Title | HQ Draft SAR 2.3.4 Consolidated Legal - 1 of 3 |
| Subject Matter Description | DOE OGC/Hunton & Williams - Global Issues re HQ Draft of SAR Section 2.3.4 |
| Authors | DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections/ / |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC)/ Attorney Fillmore, Robert M. / Hunton & Williams, LLP/ Attorney |
| Author Recipient Relationship | Authors and recipients are DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Provide attorney comments on draft SAR Section 2.3.4. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and Confidential Marked Attorney Work 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. 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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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050523.1259 |
| LSN Accession Number | DN2002333129 |
| Doc Date | 20050401 |
| Title | Env. Permitting Report |
| Subject Matter Description | Draft Preliminary Report / Assessment of Environmental Permitting Strategy for Yucca Mountain Project |

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| Authors | Kratsas, Robert G. / BSC Repository Development - Operations / Bechtel National Inc ES&H Services Manager |
| Recipients | Gonzalez, Carmella L. / BSC Repository Development - Management Administrative Support / BSC Administrative Assistant I Trubatch, Sheldon/BSC/Attorney |
| Author Recipient Relationship | The author and recipients are with DOE's M&O contractor for the Yucca Mountain Project. A recipient is also an attorney with DOE's M&O contractor for the Yucca Mountain Project. |
| Purpose Of Document | Confidential report prepared for and at direction of counsel containing analysis and advice concerning environmental permitting strategy |
| Confidentiality Statement | 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. |
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| Other Privilege Types | ACP-client to attorney DPP; |
| Participant Accession No. | ALA.20050523.1570 |
| LSN Accession Number | DN2002330905 |
| Doc Date | 20050106 |
| Title | PRIVILEGED - CONFIDENTIAL - - Response to your request from 01/04/05 v-tel |
| Subject Matter Description | The subject matter is the rationale for the difference in approaches for the treatment of climate change in the FEIS v. other possible approaches. |
| Authors | Andrews, Robert W./ BSC Repository Development - Conversion/ Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager |
| Recipients | Boyle, William J/ DOE - OCRWM Office of Repository Development/ Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE Nutt, Mark/ Golder Associates/ OCRWM Contractor Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Voegelé, Michael D./ BSC Repository Development - Chief Science Officer/ Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author and recipients, including DOE counsel, have responsibility for the EIS and licensing positions. |
| Purpose Of Document | The purpose is to provide a response to a request from DOE counsel regarding the difference in approaches for the treatment of climate change in the FEIS v. other possible approaches, to assist counsel in providing advice to DOE. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20050523.1826 |
| LSN Accession Number | DN2002333915 |
| Doc Date | 20050311 |
| Title | 2.3.6 Comments from March 2005 |
| Subject Matter Description | The subject matter is section 2.3.6 of the draft license application. |
| Authors | Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Howard, Robert L. / BSC Repository Development / BSC Project Manager Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member |
| Author Recipient Relationship | Authors and recipients are licensing counsel and DOE employees or contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of the document is to provide comments from licensing counsel to project personnel on section 2.3.6 of the draft license application. |
| Confidentiality Statement | Marked Attorney Client Communication 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. |
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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050523.2282 |
| LSN Accession Number | DN2002332989 |
| Doc Date | 20041105 |
| Title | 1.3.1 ConsolLegal |
| Subject Matter Description | Consolidated legal comments on draft SAR § 1.3.1 |
| Authors | DOE OGC Attorneys and Hunton and Williams Attorneys |
| Recipients | DOE OGC Attorneys and Hunton and Williams Attorneys |
| Author Recipient Relationship | Authors and recipients are DOE outside counsel and DOE OGC attorneys responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Provide attorney comments/mark-ups on draft SAR |
| Confidentiality Statement | Marked Confidential Marked Attorney Client Privileged Marked Attorney Work Product Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate 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 LIST MAP REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050523.2759 |
| LSN Accession Number | DN2002335454 |
| Doc Date | 20050308 |
| Title | Comments on SAR Section 1.14 |
| Subject Matter Description | This document contains comments and analysis concerning materials referenced in draft SAR section 1.14. |
| Authors | Fish, Robert/ MTS - Engineering/ OCRWM Contractor Hanauer, Stephen H. / DOE - OCRWM Office of License Application & Strategy / Lead |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Fish, Robert / MTS - Post Closure Safety Analsis / Booz Allen Hamilton (BAH) Mechanical Engineer/OCRWM Contractor Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor |
| Author Recipient Relationship | The authors are contractor personnel and an OCRWM official. The recipients are DOE counsel, officials at OCRWM, and DOE's M&O contractor personnel with responsibility for the subject matter of the communication. |
| Purpose Of Document | The purpose of this document is to identify issues that could arise in the licensing proceeding and as possible contentions because of a number of citations in draft SAR section 1.14. |
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| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20050523.6829 |
| LSN Accession Number | DN2002333591 |
| Doc Date | 20041105 |
| Title | HQ Draft SAR 2.3.4 Consolidated Legal - 1 of 3 |

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| Subject Matter Description | DOE OGC/Hunton & Williams - Global Issues re Draft HQ Draft of SAR Section 2.3.4 |
| Authors | DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections/ / |
| Recipients | DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ / |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel and other Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | Provide attorney comments on draft SAR Section 2.3.4 |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Client Communication Marked Attorney Work Product Marked in Anticipation of Litigation Marked Predecisional Marked Internal Use Only Marked Do Not Disseminate 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 LIST REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050527.5445 |
| LSN Accession Number | DN2002329424 |
| Doc Date | 20050307 |
| Title | Internal Hazards Memo |
| Subject Matter Description | The subject of the document is the author's comments upon review of a draft hazards analysis for the Licenses Application |
| Authors | Frazier, Amanda J/ Hunton & Williams, LLP/ Attorney |
| Recipients | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Core Team PCSA Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author is outside counsel to DOE's OGC and the recipients also include other DOE OGC counsel for the Yucca Mountain Project as well as the team with responsibility for the subject document. |
| Purpose Of Document | The document provides attorney comments on the draft document. |
| Confidentiality Statement | Marked Attorney Client Communication Privileged and Confidential Attorney-Client Communication 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 | CORRESPONDENCE EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20050527.5446 |
| LSN Accession Number | DN2002469713 |
| Doc Date | 20050307 |
| Title | Q-List Memo |
| Subject Matter Description | The subject of the document is the author's comments upon review of a draft Table 1.9-2, which lists items designated as Important To Safety (ITS). |
| Authors | Frazier, Amanda J/ Hutton & Williams, LLP/Attorney |
| Recipients | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Core Team PCSA Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author is outside counsel to DOE's OGC and the recipients also include other DOE OGC counsel for the Yucca Mountain Project as well as the team with responsibility for the subject document. |
| Purpose Of Document | The document provides attorney comments on the draft document. |
| Confidentiality Statement | Marked Attorney Client Communication Privileged and Confidential Attorney Client Communication |

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| Doc Type | EMAIL-ATT |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20050527.6004 |
| LSN Accession Number | DN2002332710 |
| Doc Date | 20041105 |
| Title | DOE |
| Subject Matter Description | The subject matter is section 4 of the draft license application covering the performance confirmation plan. |
| Authors | Noonan, Edward P./Hunton & Williams/ Attorney |
| Recipients | Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Biggs, Jo Ann / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gamble, Robert / MTS / MTS/Booz-Allen Support Contract / OCRWM Contractor Weaver, Douglas / SNL / BSC Subcontractor |
| Author Recipient Relationship | Authors and recipients are DOE employees or contractors, including attorneys with DOE OGC and DOE outside licensing counsel, responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of the document is to convey licensing counsel comments on the draft license application section covering the performance confirmation plan. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product Marked Privileged and Confidential Marked Predecisional Draft-Internal Use Only-Do Not Disseminate 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 REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050527.6252 |
| LSN Accession Number | DN2002335188 |
| Doc Date | 20050329 |
| Title | YM-4993-v1-SAR Section 2.4 core team global comments |
| Subject Matter Description | DOE OGC/Hunton & Williams - Global Issues re HQ Draft of SAR Section 2.4 (Rev. A) |
| Authors | DOE OGC attorneys and DOE outside counsel responsible for the subject draft LA (or SAR) sections/ / |
| Recipients | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipient is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. |
| Purpose Of Document | Provide privileged attorney comments on draft SAR. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Prepared in Anticipation of Litigation Marked Attorney Work Product 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 LEGAL DOCUMENT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050527.7090 |
| LSN Accession Number | DN2002330524 |
| Doc Date | 20050518 |

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| Title | YM-4989-v3-MEMO Rev. B Review Notes |
| Subject Matter Description | The subject matter is draft license application section 4: Performance Confirmation. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Noonan, Edward / Hunton & Williams / Attorney |
| Recipients | Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Gamble, Robert / MTS / MTS/Booz-Allen Support Contract / OCRWM Contractor Weaver, Douglas / SNL / BSC Subcontractor |
| Author Recipient Relationship | Authors and recipients are licensing counsel and DOE employees or contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of the memorandum is to provide licensing counsel comments on section 4 of the draft license application relating to the Performance Confirmation Plan. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and 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 | CORRESPONDENCE EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050527.9670 |
| LSN Accession Number | DN2002334533 |
| Doc Date | 20041105 |
| Title | HW Cmts 2.3.1 Part 2 of 2 |
| Subject Matter Description | The subject matter is draft license application section 2.3.1.6: Climate Analysis, Infiltration Modeling, and Uncertainty. |
| Authors | Hunton & Williams licensing attorneys |
| Recipients | Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | Authors and recipients are licensing attorneys and DOE attorneys responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | The purpose of the document is to convey licensing counsel comments on section 2.3.1.6 of the draft license application. |
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| Doc Type | DATA DRAWING EMAIL-ATT LIST MAP REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050608.0206 |
| LSN Accession Number | DN2002335710 |
| Doc Date | 20040817 |
| Title | RESPONSES TO COMMENTS ON PERFORMANCE CONFIRMATION PLAN REV. 04 |
| Subject Matter Description | RESPONSES TO COMMENTS ON PERFORMANCE CONFIRMATION PLAN REV. 04 Comments by outside DOE counsel and responses thereto by BSC |

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| Authors | Noonan, Edward / Hunton & Williams / Attorney |
| Recipients | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project and the recipient is an attorney in the office of General Counsel |
| Purpose Of Document | Confidential comments on draft document, including legal analysis and advice, by DOE outside counsel and counsel's opinions on BSC's response to legal team's comments on the Performance Confirmation Plan |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and Confidential 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. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20050608.0236 |
| LSN Accession Number | DN2002332369 |
| Doc Date | 20041003 |
| Title | LEGAL TEAM COMMENTS ON GENERAL INFORMATION, SECTION 1 |
| Subject Matter Description | The subject matter of the document is the legal team's comments on the General Information, Section 1 of the draft LA. DOE OGC's outside attorneys with Hunton & Williams LLP |
| Authors | DOE OGC attorneys |
| Recipients | DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ |
| Author Recipient Relationship | The authors are attorneys from DOE's OGC and outside legal counsel, and the recipients are DOE employees and contractors responsible for the subject draft LA sections. |
| Purpose Of Document | The purpose is to convey the recommendations, opinions, and legal advice of the attorneys regarding the proposed licensing positions in and form and content of this draft section. |
| Confidentiality Statement | Marked Privileged and Confidential 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. |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050708.0067 |
| LSN Accession Number | DN2002329318 |
| Doc Date | 20050512 |
| Title | FW: ATTORNEY-CLIENT PRIVILEGED: SAR Section 1.14 Insert |
| Subject Matter Description | The subject matter of this email chain draft license application section 1.14. |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Hunton & Williams licensing attorney or attorneys Thomas, Daniel A./ BSC Repository Development - Conversion/ |
| Recipients | Beard, Kristina/ Hunton & Williams, LLP/ Brock, Robert T./ BSC Repository Development/ Cereghino, Stephen J./ BSC Repository Development - Conversion/ Franklin, David / Navy Reactors / Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Hutchins, William/ BSC Repository Development - License Application/ Irwin, Donald/ Hunton & Williams, LLP/ Attorney Richardson, Dennis C./ BSC Repository Development - Conversion/ Rinaca, James/ Hunton & Williams, LLP/ Attorney Wisenburg, Mark R./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | Authors and recipients are licensing attorneys and DOE employees or contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of this email chain is to transmit comments on draft license application section 1.14. These comments include licensing attorney comments. |
| Confidentiality Statement | 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. |

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| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) 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.20050722.1746 |
| LSN Accession Number | DN2002479200 |
| Doc Date | 20050415 |
| Title | 2.3.1 Senior Mgmt Rev Outline |
| Subject Matter Description | SAR Section 2.3.1 Outline for Senior Management Review |
| Authors | Kordyak, Angela/ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is a lawyer with DOE's OGC, and the recipient is a lawyer with DOE's outside counsel. |
| Purpose Of Document | Comments on draft SAR. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product 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 LIST REPORT |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20050722.1747 |
| LSN Accession Number | DN2002330429 |
| Doc Date | 20040831 |
| Title | Conference Call - Eric Smistad 8-31-04 |
| Subject Matter Description | Attorney notes from discussion with Eric Smistad, an YMP personnel, regarding the draft section 2.3.1 and 2.3.1 of the draft LA, which address climate and infiltration issues. |
| Authors | Kordyak, Angela/ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Fillmore, Robert M. / Hunton & Williams, LLP/attorney Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author and recipients are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. |
| Purpose Of Document | The document records counsel's mental impressions and other information considered important by counsel, to help counsel gather information to advise DOE regarding the referenced draft sections. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and Confidential Marked Attorney Work 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. 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 LIST REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |
| Participant Accession No. | ALA.20050801.0252 |
| LSN Accession Number | DN2002336367 |
| Doc Date | 20050628 |
| Title | Comments on Section 1.2.4 - Rev. B - Privileged |
| Subject Matter Description | The document concerns section 1.2.4 of the draft LA, which concerns cask/waste package handling features. |
| Authors | Beard, Kristina/ Hunton & Williams, LLP/attorney |
| Recipients | Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney |

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| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipient is an attorney with the DOE OGC who works on YMP matters. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues, made at the request of DOE OGC. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product 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 (OPINION) |
| Participant Accession No. | ALA.20050801.0257 |
| LSN Accession Number | DN2002332220 |
| Doc Date | 20050628 |
| Title | Re: Language for 1.5.1 - Privileged |
| Subject Matter Description | Attorney comments on draft sections 1.14, 1.2, and 1.5 |
| Authors | Beard, Kristina/ Hunton & Williams, LLP/ Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Platten, Fred// |
| Author Recipient Relationship | The authors are attorneys with DOE OGC and DOE outside licensing counsel and the recipient is a DOE employee/contractor with responsibility for the subject draft document. |
| Purpose Of Document | Attorney comments on draft document. |
| Confidentiality Statement | Marked LSN: Potentially 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-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20050801.0514 |
| LSN Accession Number | DN2002336662 |
| Doc Date | 20050616 |
| Title | Legal Cmts 2.3.9 Working Draft B |
| Subject Matter Description | The subject matter is draft section 2.3.9, Saturated Zone Flow and Transport, of the draft license application. |
| Authors | Rasmussen, Kirk D./ Hunton & Williams, LLP/ Attorney |
| Recipients | Coleman, Drew H./ DOE - OCRWM Office of Facility Operations/ |
| Author Recipient Relationship | The authors are licensing counsel and the recipient is a DOE employee or contractor responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of the document is to transmit legal comments on draft SAR Section 2.3.9. LA Comments. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and Confidential Marked Litigation Work Product 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 | DATA EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20050801.5845 |
| LSN Accession Number | DN2002479100 |
| Doc Date | 20050616 |
| Title | Proposed addition to SAR 2.3.6 |
| Subject Matter Description | The document concerns Section 2.3.6 of draft License Application regarding common-mode failures. |
| Authors | Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ |

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| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Stahl, David /DOE/ OCRWM Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author is an official within OCRWM. The recipients are OCRWM officials and an attorney with DOE's office of general counsel. |
| Purpose Of Document | Make recommendation for a decision. The author has proposed that specific changes be made to the draft SAR as well as proposing that DOE make certain changes to its position on common mode failures. |
| Confidentiality Statement | Marked Predecisional Marked Privileged Marked Litigation Work Product Marked Attorney-Client Communications 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 LIST REPORT |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20050810.0004 |
| LSN Accession Number | DN2002469769 |
| Doc Date | 20050118 |
| Title | PRECLOSURE SEISMIC ANALYSIS |
| Subject Matter Description | The document concerns the issue whether DOE should use a different definition of a Category 2 event sequence with respect to seismic design issues. |
| Authors | Biggs, Jo Ann / Hunton & Williams LLP / Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the YMP. The recipients are other DOE attorneys, either with DOE or its outside counsel. The last recipient was DOE's licensing manager for the LA. |
| Purpose Of Document | The document provides the confidential legal advice of counsel on that topic. The document analyzes whether DOE's approach complies with applicable regulations. |
| Confidentiality Statement | The document is marked Privileged and Confidential, Attorney Work Product, and Attorney-Client Communication. 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. |
| Doc Type | CORRESPONDENCE REPORT |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20051003.0806 |
| LSN Accession Number | DN2002335684 |
| Doc Date | 20050615 |
| Title | Sub HEPA |
| Subject Matter Description | The subject matter is draft license application section, 1.3.5.3.4: Consideration for Potential Radioactive Releases from the Subsurface Facility. |
| Authors | Yuan, YuChien / BSC |
| Recipients | Chen, Ming / BSC Platten, Fred Richmond, Nicole / BSC / M&O Contractor Suarez, Diego / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist |
| Author Recipient Relationship | Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of the document is to transmit responses from project personnel on questions or comments raised regarding draft license application section 1.3.5.3.4. |
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| | recipients. |
| Doc Type | DATA EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20051003.1843 |
| LSN Accession Number | DN2002332804 |
| Doc Date | 20050715 |
| Title | Responses to Legal Comments on Markup of 1.4.4 and 1.4.5 |
| Subject Matter Description | Legal Comments on Markup of draft SAR sections 1.4.4 and 1.4.5 |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Shamblin, Penny / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is with DOE's Office of General Counsel, and the recipient is a lawyer with DOE's outside counsel. |
| Purpose Of Document | To provide legal comments on draft SAR sections 1.4.4 and 1.4.5. |
| Confidentiality Statement | Marked LSN: Relevant - Privileged Marked Attorney-Client Privilege Marked Privileged and 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-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20051003.2571 |
| LSN Accession Number | DN2002336452 |
| Doc Date | 20050414 |
| Title | DOE Draft A Comments on Section 1.2.5 Part 1 |
| Subject Matter Description | The document concerns Section 1.2.5 of the draft LA which concerns the proposed "Canister Handling Facility" for the YM repository |
| Authors | King, Ann/BSC Licensing attorneys who have responsibility for this draft SAR section Project personnel responsible for development of draft SAR section |
| Recipients | Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cochrane, Colin / BSC / Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Johnson, Tracy / BSC / M&O Contractor Kumar, Paul A./ BSC Repository Development - Conversion/ Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Anaylst/Modeler Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor |
| Author Recipient Relationship | Authors and recipients are DOE contractors, project personnel and licensing attorneys responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Comments on draft SAR. The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision. It also conveys licensing attorney's comments on the draft SAR section (1.2.5). |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and 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-ATT LIST |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client; |

ACP-client to attorney;
ACP-discusses attorneys advice
DPP;

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| Participant Accession No. | ALA.20051003.2572 |
| LSN Accession Number | DN2002330548 |
| Doc Date | 20050414 |
| Title | DOE Draft A Comments on Section 1.2.5 Part 2 |
| Subject Matter Description | The document concerns sections of the draft LA concerning the cask cavity gas sampling system and the cask and water package inerting system. |
| Authors | King, Ann/BSC Project personnel who have responsibility over development of this draft SAR section |
| Recipients | Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cochrane, Colin / BSC / Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Johnson, Tracy / BSC / M&O Contractor Kumar, Paul A./ BSC Repository Development - Conversion/ Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Analyst/Modeler Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM Contractor |
| Author Recipient Relationship | Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document provides the author's comments and recommendations on a proposed insert to the sections of the draft LA that concern the referenced proposed systems. |
| 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 | DATA DRAWING EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |

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| 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 Probabilistic 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 |

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| 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.20051003.3808 |
| LSN Accession Number | DN2002335971 |
| Doc Date | 20050421 |
| Title | DOE Draft A Comments on Section 1.2.8 |
| Subject Matter Description | The document concerns section 1.2.8 of the draft License Application. |
| Authors | DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ / |
| Recipients | DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ / |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Provide comments on draft SAR Section 1.2.8. |
| Confidentiality Statement | Marked Predecisional Marked Privileged and Confidential Marked Litigation Work product Marked Attorney-Client Communication 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 LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20051005.1253 |
| LSN Accession Number | DN2002335774 |
| Doc Date | 20050712 |
| Title | FW: Privileged & Confidential - 1.3.5 Rev. B comments |
| Subject Matter Description | The document concerns draft section 1.3.5 of the draft LA, which addresses subsurface facility ventilation design. |
| Authors | Shamblin, Penny / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney |
| Recipients | Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist |
| Author Recipient Relationship | Author is an attorney with DOE outside licensing counsel and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | This document contains outside counsel's comments on section 1.3.5 of the draft SAR. |
| Confidentiality Statement | 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice DPP; |
| Participant Accession No. | ALA.20051005.1254 |
| LSN Accession Number | DN2002331833 |
| Doc Date | 20050526 |
| Title | 1_3_5 Rev B HW Comments |

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| Subject Matter Description | The document concerns draft section 1.3.5 of the draft LA, which addresses subsurface facility ventilation design. |
| Authors | Shamblin, Penny / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney |
| Recipients | Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Beard, Kristina / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors, including attorneys with DOE OGC and DOE outside licensing counsel, responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | This document conveys outside counsel's comments and recommended changes to draft SAR section 1.3.5 (Subsurface Facility Ventilation). |
| Confidentiality Statement | Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate 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 LIST REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice DPP; |
| Participant Accession No. | ALA.20051005.1323 |
| LSN Accession Number | DN2002337388 |
| Doc Date | 20050719 |
| Title | DOC002 |
| Subject Matter Description | This is a copy of the referenced section of the draft SAR (i.e., Fire Protection) with handwritten comments by counsel. |
| Authors | Oney, Thomas/ Hunton & Williams, LLP/attorney |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holt Jr., Robert D. / BSC Repository Development - BOP PE / BSC Project Manager Minwalla, Homi J./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE and DOE contractor personnel and DOE counsel who are responsible for the referenced draft section of the LA. |
| Purpose Of Document | This is an attachment to the July 21, 2005 email from Horni Minwalla to George Hellstrom (ALA20051005.0501) which is on the privilege log. The document provides counsel's comments and recommendations on a draft licensing position that is being prepared for DOE's decision. |
| Confidentiality Statement | Marked Predecisional Marked Internal Use Only Marked Do Not Disseminate Marked Privileged & Confidential Marked Litigation Work Product Marked Attorney-Client Communication 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 LIST REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20051005.1324 |
| LSN Accession Number | DN2002329417 |
| Doc Date | 20050719 |
| Title | DOC005 |
| Subject Matter Description | The document is a copy of the referenced draft section of the LA (i.e., Electric Power) with handwritten attorney comments. |

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| Authors | Oney, Thomas/ Hunton & Williams, LLP/attorney |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holt Jr., Robert D. / BSC Repository Development - BOP PE / BSC Project Manager Minwalla, Homi J./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE and DOE contractor personnel, and other DOE counsel, who are responsible for the referenced draft section of the LA. |
| 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 | Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate Marked Privileged & Confidential Marked Litigation Work Product Marked Attorney-Client Communication 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 REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20051005.2051 |
| LSN Accession Number | DN2002329462 |
| Doc Date | 20050728 |
| Title | Codes and Standards |
| Subject Matter Description | The subject of the email is the author's efforts in the attached draft to incorporate legal comments on the draft section 1.7 of the SAR. |
| Authors | Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Analyst Modeler |
| Recipients | Ashley, Glen / BSC/Beckman / Group Lead Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) Bryan, Martin C / BSC Repository Development - LA Completion / Beckman & Associates Program Manager Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Elder, Ken / DOE/RW OCE / Frazier, A. / Hunton & Williams, LLP/ Attorney Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Powell, David / BSC / Trubatch, Sheldon/BSC/Attorney Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Principal Engineer |
| Author Recipient Relationship | The email author and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections. Recipients also include attorneys from DOE OGC and its outside legal contractor. |
| Purpose Of Document | The purpose of the document is to explain how the author responded to legal advice and to seek additional legal advice regarding the adequacy of such response. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-discusses attorneys advice DPP; |
| Participant Accession No. | ALA.20051005.2216 |
| LSN Accession Number | DN2002332896 |
| Doc Date | 20050728 |
| Title | RE: SAR 1.4.1, attorney-client privilege |

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| Subject Matter Description | This email discussion from S. Cereghino provides responsive information to DOE OGC counsel on draft SAR section 1.4.1 |
| Authors | Cereghino, Stephen J./ BSC Repository Development - Conversion/ Oney, Thomas / Hunton & Williams, LLP / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | Authors and recipients are attorneys with DOE OGC, DOE's outside counsel, and DOE's M&O contractor responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | DOE M&O contractor personnel is providing information to DOE OGC counsel and outside counsel in order for counsel to provide legal advice and analysis. |
| Confidentiality Statement | Marked Attorney Client Privilege 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.20051005.2880 |
| LSN Accession Number | DN2002334697 |
| Doc Date | 20050709 |
| Title | 13358 Design Codes&Stand [LG-133-4] |
| Subject Matter Description | DOE draft comments on draft YMRP (NUREG-1804) as it relates to Design Codes and Standards. |
| Authors | Gonzales, Lou / BSC Repository Development - Licensing & Nuclear Safety / Licensing Application Completion Team Member |
| Recipients | Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist |
| Author Recipient Relationship | The author and recipient are DOE M&O contract personnel responsible for preparation of draft comments on the draft YMRP for DOE's consideration and adoption. |
| Purpose Of Document | The document provides comments and recommendations on a draft document that ultimately will represent DOE's position on the draft YMRP. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20051006.4782 |
| LSN Accession Number | DN2002331987 |
| Doc Date | 20050729 |
| Title | Attorney-Client Communication, Privileged & Confidential |
| Subject Matter Description | The subject matter of the email is legal advice regarding FEPs that were screened from consideration because of low consequence or impact. |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Reports to William Boyle (who is the Director of Postclosure and License Acquisition Div.). Postclosure and License Acquisition Division Team Member Boyle, William J/ DOE - OCRWM Office of Repository Development/ DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Ake, Jon/ DOE/ Andrews, Robert W./ BSC Repository Development - Conversion/ Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/ Beasley, Amanda/ Hunton & Williams, LLP/Attorney Biggs, Jo Ann/ Hunton & Williams, LLP/Attorney Boyle, William J/ DOE - OCRWM Office of Repository Development/ Capoferri, Anita/ DOE - Office of General Counsel (OGC)/Attorney Coleman, Drew H./ DOE - OCRWM Office of Facility Operations/ 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 Holloway, John/ Hunton & Williams, LLP/ Attorney Howard, Robert L./ BSC Repository Development - Conversion/ McRae, James B./ DOE - Office of General Counsel (OGC)/Attorney |

Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/
 Rassmussen, Kirk D./ Hunton & Williams, LLP/Attorney
 Reynolds, Myles/ Hunton & Williams, LLP/Attorney
 Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/
 Sassani, David C. / MTS - Post Closure Safety Analsis / Golder Associates Staff Scientist
 Smistad, Eric / DOE / OCRWM Official
 Summerson, Jane R./ DOE - OCRWM Office of Acquisition Strategy/
 Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/
 Urie, Matt/ DOE - Office of General Counsel (OGC)/Attorney
 Whalen, Cheryl L./ BSC Repository Development - Facilities Design/
 Younker, Jean L./ BSC Repository Development - Chief Science Officer/

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| Author Recipient Relationship | The authors are DOE officials and counsel who work on YMP matters. The recipients are DOE officials, attorneys, and MTO contract personnel who have responsibility for the subject matter of the communication. |
| Purpose Of Document | The purpose of the email is to convey to the legal team and the Yucca Mountain Project team with responsibility for FEPs screening and preparation of the LA the decision and advice of counsel regarding FEPs that were screened from consideration and treatment within the LA. |
| Confidentiality Statement | The email is a chain email with parts of prepared by an attorney to his client and parts by the client to his attorneys. Those in the chain have a need to know the subject decision and advice of counsel. The emails is marked "Attorney Client Communication" and "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 |
| LWP Privilege Types | LWP-other (OPINION) LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-client to attorney; ACP-discusses attorneys advice |

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| Participant Accession No. | ALA.20051007.0497 |
| LSN Accession Number | DN2002335758 |
| Doc Date | 20050622 |
| Title | DOC |
| Subject Matter Description | The subject matter is legal comments on the draft SAR section 1.2.5 (Canister Handling Facility) |
| Authors | Frazier, Amanda / Hunton & Williams, LLP / Attorney |
| Recipients | Beard, Kristina/ Hunton & Williams, LLP/ Attorney Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cochrane, Colin / / Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/Attorney Johnson, Tracy / BSC / M&O Contractor Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM Contractor Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ |

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| Author Recipient Relationship | The author is an attorney with DOE OGC's outside legal counsel. The recipients are DOE OCRWM personnel and other Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice as well as attorneys from both the DOE OGC and its outside legal counsel. |
| 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 | Marked Attorney Client Communication Marked Attorney Work Product Marked Privileged and Confidential Marked Predecisional 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 LIST REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |

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| Participant Accession No. | ALA.20051013.2248 |
| LSN Accession Number | DN2002470287 |
| Doc Date | 20050708 |

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| Title | GOLAN ISSUES LIST |
| Subject Matter Description | The document contains outside licensing counsel's list of legal issues and technical issues with legal implications requiring client attention, with counsel's descriptions and comments thereon. |
| Authors | Irwin, Donald / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is with Hunton & Williams, outside counsel for DOE. |
| Purpose Of Document | Provides confidential advice and opinions of DOE counsel identifying and commenting on important technical and legal issues. |
| Confidentiality Statement | Counsel document not available on general YMP document database; document is maintained on separate secure database of DOE outside counsel This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. |
| Doc Type | EFILE REPORT |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20051018.4383 |
| LSN Accession Number | DN2002336955 |
| Doc Date | 20050715 |
| Title | Pages from sar-1.02.03 working draft B-3 (jgs markup) |
| Subject Matter Description | The document concerns section 1.2.3 of the draft LA, which addresses various surface facilities. |
| Authors | Self, Jerry G./ BSC Repository Development - Conversion/ |
| Recipients | Meacham, Paul / BSC Repository Development - LA Completion / Integrated Science Solutions, Inc. (ISSI) Technical Specialist |
| Author Recipient Relationship | Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document provides comments on the referenced draft LA section. |
| Confidentiality Statement | Predecisional Draft Internal Use Only Do Not Disseminate This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | 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 Probabilistic 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.20051018.6662 |
| LSN Accession Number | DN2002330739 |
| Doc Date | 20050826 |

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| Title | Privileged & Confidential - Excluded FEPs Table 2.2-30 |
| Subject Matter Description | The document concerns the treatment of FEP's in the Draft License Application. |
| Authors | Shamblin, Penny / Hunton & Williams, LLP / Attorney |
| Recipients | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Whalen, Cheryl L. / BSC Repository Development - Licensing Defense / JK Research Associates (JKRA) Scientist |
| Author Recipient Relationship | Authors and recipients include attorneys from DOE's outside counsel and DOE employees and contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Attorney comments on draft SAR. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20051018.6678 |
| LSN Accession Number | DN2002335934 |
| Doc Date | 20050830 |
| Title | RE: Privileged & Confidential - YMRP criteria question |
| Subject Matter Description | YMRP criteria question, 2.2.1.3.2.3 AC 1(2), "the description of geological & engineering aspects of design features, physical phenomena, & couplings, that may mechanical disruption of engineered barriers. |
| Authors | Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager |
| Recipients | Cunnane, Jim /DOE-OCRWM / Shamblin, Penny / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead |
| Author Recipient Relationship | The author is a DOE MTO contract personnel. The recipients are DOE counsel and two DOE officials with responsibility for the subject matter of the communication. |
| Purpose Of Document | This document is a request for legal advice regarding YMRP criteria in SAR 2.3.7 |
| Confidentiality Statement | 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 |
| 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.20051018.7298 |
| LSN Accession Number | DN2002470462 |
| Doc Date | 20050819 |
| Title | 20050819 FEP Control Parameter Names |
| Subject Matter Description | Table 1: Control Variable Used in Draft SAR Table 1.9-4 (FEP Control Parameter Names) |
| Authors | Kriner, Jeffrey / BSC |
| Recipients | Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Fuller, Ed / BSC / |
| Author Recipient Relationship | Authors and Recipients are DOE's M&O contractor personnel who have responsibility for the development of this draft SAR section (1.9). |
| Purpose Of Document | The document provides the author's comments and recommendations on the relevant section of the draft LA. |
| Confidentiality Statement | 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) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20051018.8568 |

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| LSN Accession Number | DN2002332572 |
| Doc Date | 20050812 |
| Title | RE: ATTORNEY-CLIENT PRIVILEGED: Removal of PRD Reference in Draft SAR Section 1.14 |
| Subject Matter Description | The document concerns the treatment of canister loading criticality issues in section 1.14.2.2.7 of the draft LA. |
| Authors | Beard, Kristina / Hunton & Williams, LLP / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Thomas, Daniel A. / BSC Repository Development - Criticality / Engineering Supervisor |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipient is an attorney with the DOE OGC who works on YMP and a DOE contractor responsible for the draft LA section that is the subject of counsel's advice. |
| Purpose Of Document | Provide attorney comments on document. The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
| Confidentiality Statement | 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-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20051020.1136 |
| LSN Accession Number | DN2002329726 |
| Doc Date | 20050915 |
| Title | 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication |
| Subject Matter Description | This email contains counsel's analysis and recommended modifications to draft SAR section 2.3. |
| Authors | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Smistad, Eric / DOE / OCRWM Official Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I |
| Author Recipient Relationship | The author is a outside counsel for DOE, and the recipients include counsel from DOE's Office of General Counsel and outside counsel, OCRWM officials and DOE's M&O contractor. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. It also conveys counsel's recommended changes to draft SAR section 2.3. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication 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 |
| Participant Accession No. | ALA.20051102.1231 |
| LSN Accession Number | DN2002331525 |
| Doc Date | 20050913 |
| Title | Tables 17-18; 27-30 Draft C-6 - KDR Cmts |
| Subject Matter Description | Attorney comments on draft SAR, Tables 2.2.17-18; 2.2.27-30 |
| Authors | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Whalen, Cheryl L. / BSC Repository Development - Licensing Defense / JK Research Associates (JKRA) Scientist |
| Author Recipient Relationship | The author is an attorney with Hunton & Williams; the recipients are lawyers with DOE's outside counsel and OGC as well as DOE's M&O Contractor who is responsible for development of the FEP discussion in the draft SAR.. |
| Purpose Of Document | Provide attorney comments on draft SAR section dealing with FEP screening decisions for topography and surface soils. It contains counsel's legal advice on this draft SAR section. |
| Confidentiality Statement | Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate 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. |

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| Doc Type | DATA EMAIL-ATT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client 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.20051102.5487 |
| LSN Accession Number | DN2002331119 |
| Doc Date | 20050826 |
| Title | 1.2.2 |
| Subject Matter Description | Attorney comments on draft SAR Section 1.2.2 |
| Authors | Beard, Kristina/ Hunton & Williams, LLP/Attorney |
| Recipients | Cereghino, Stephen J./ BSC Repository Development - Conversion/ Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Linhart, James G. / DOE - OCRWM / |
| Author Recipient Relationship | The author is an attorney for DOE OGC's outside licensing counsel. The recipients include a DOE OGC attorney and other DOE employees and contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of the document is to convey the attorney's legal analysis and advice concerning the licensing positions to be taken on the subject matter of the draft LA section and its form and content. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Litigation Work Product Marked Attorney-Client Communication Marked Predecisional Draft - IUO - Do Not Disseminate 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 LIST REPORT |
| 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.20051102.8145 |
| LSN Accession Number | DN2002468840 |
| Doc Date | 20050902 |
| Title | dcs comments on Insert L_prep for C-3 |
| Subject Matter Description | The subject is the thermal-hydrologic-chemical seepage model. |
| Authors | Sassani, David C. / MTS - Post Closure Safety Analsis / Golder Associates Staff Scientist / OCRWM Contractor |

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|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recipients | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Beasley, Amanda / Hunton & Williams, LLP / Attorney Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer |
| Author Recipient Relationship | The authors and recipients are licensing counsel and DOE employees or contractors with licensing-related responsibility for the subject of the document. |
| Purpose Of Document | The purpose is to convey comments on the draft description of the thermal-hydrologic-chemical seepage model. |
| Confidentiality Statement | Marked Predecisional Marked Privileged and Confidential Marked Litigation Work Product Marked Attorney-Client Communication 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 | ACP-client to attorney DPP; |
| Participant Accession No. | ALA.20051102.8297 |
| LSN Accession Number | DN2002329615 |
| Doc Date | 20050804 |
| Title | sar-2.03.03_Draft B_Fig 2.3.3-21 markup |
| Subject Matter Description | Draft Fig 2.3.3-21 of SAR section 2.3.3 illustrating spatial variability and cumulative frequency distribution of flow-focusing factors |
| Authors | Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / |
| Recipients | Dobson, David / BSC Repository Development - License Application / Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II |
| Author Recipient Relationship | The authors and recipients are DOE M&O contractors with responsibility for the subject draft SAR section. |
| Purpose Of Document | The author is providing a draft depiction of data result for potential inclusion in the subject draft SAR section. |
| Confidentiality Statement | Marked Predecisional Draft - IUO - Do Not Disseminate 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 (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20051102.8563 |
| LSN Accession Number | DN2002333193 |
| Doc Date | 20050908 |
| Title | RE: Language on Volcanic Eruptions: Privileged Attorney-Client Communication |
| Subject Matter Description | The subject matter is the correct language in the draft license application regarding the eruption of newly formed volcanoes. |
| Authors | Frazier, Amanda / Hunton & Williams, LLP / Attorney |
| Recipients | Ashley, Glen / BSC/Beckman / Group Lead Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)/ OCRWM Contractor |
| Author Recipient Relationship | Authors and recipients are licensing counsel and DOE contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose is to transmit comments between licensing counsel and project personnel regarding language on volcanic eruptions in the draft license application. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Litigation Work Product Marked Attorney-Client Communication 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; ACP-client to attorney DPP; |

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| Participant Accession No. | ALA.20060111.0704 |
| LSN Accession Number | DN2002470761 |
| Doc Date | 20051109 |
| Title | PRIVILEGED & CONFIDENTIAL - Questions |
| Subject Matter Description | Email transmitting questions on draft white paper |
| Authors | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)/ OCRWM Contractor Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Saldarini, James / DOE-OCRWM / |
| Author Recipient Relationship | The author is outside counsel for DOE, and the recipients are lawyers with DOE's OGC and outside counsel, officials within OCRWM, and DOE's contractors who have responsibility over subject matter areas related to preclosure. |
| Purpose Of Document | Legal counsel requesting more information regarding white paper concerning preclosure information |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney Client Communication 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 |
| Participant Accession No. | ALA.20060111.1444 |
| LSN Accession Number | DN2002470641 |
| Doc Date | 20051109 |
| Title | Re: PRIVILEGED & CONFIDENTIAL -- Consolidated Legal Comments on Cranes Table |
| Subject Matter Description | Email author's response to comments from counsel on draft document entitled ITS SSCs and Information Available at LA, 030 Cranes Report 051027 |
| Authors | Beard, Kristina / Hunton & Williams, LLP / Attorney Ployhar, Steve / BSC / |
| Recipients | Skoblar, Leonard / BSC Repository Development - Regulatory Coordination Group / Beckman & Associates (B&A) or (BAA) Senior Engineer I |
| Author Recipient Relationship | The author of the forwarded message and accompanying comments is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project, and the recipients are DOE contractors. |
| Purpose Of Document | Convey email author's response to comments from counsel on draft document. |
| Confidentiality Statement | The email is by and between Yucca Mountain Project personnel with responsibility for the subject document, who have received and are discussing comments from their counsel, the DOE OGC and its outside counsel. The email is 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 |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-discusses attorneys advice |
| 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
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Doc Type **EMAIL**
 LWP Privilege Types **LWP-other (OPINION)**
 Other Privilege Types **DPP**

Participant Accession No. **ALA.20060111.2627**

LSN Accession Number **DN2002470111**

Doc Date **20051101**

Title **100 SNF Aging Report 051027-biggs**

Subject Matter Description **The document concerns the draft SNF Aging Report.**

Authors **Biggs, Jo Ann/ Hunton & Williams, LLP/ Attorney**

Recipients **Beard, Kristina / 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 licensing counsel for the Yucca Mountain Project. The recipients are an attorney with the DOE OGC and an attorney with DOE's outside licensing counsel.**

Purpose Of Document **Attorney J. Biggs' (Hunton & Williams) comments on the Spent Nuclear Fuel Aging Report. The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues.**

Confidentiality Statement **Marked Privileged and Confidential**
Marked Attorney-Client Work Product
Marked Predecisional

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LWP Privilege Types **LWP-prepared by attorney (FACT);**
LWP-prepared by attorney (OPINION)

Other Privilege Types **ACP-attorney to client**
DPP;

Participant Accession No. **ALA.20060126.0405**

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
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Marked Predecisional

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Doc Type **EMAIL-ATT**

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LIST

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

Other Privilege Types **DPP**

Participant Accession No. **ALA.20060518.2322**

LSN Accession Number **DN2002333941**

Doc Date **20060329**

Title **References to TSPA**

Subject Matter Description **Attorney guidance from DOE's Office of General Counsel regarding references to TSPA.**

Authors **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney**

| | |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recipients | Fisher, Gayle R. / DOE - OCRWM Office of Repository Development / Communications team member, Public Affairs Specialist Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are a DOE Office of General Counsel attorney and Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | The purpose of this document is to provide attorney guidance to YMP personnel on proper references to TSPA. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client Communication 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-discusses attorneys advice |
| Participant Accession No. | ALA.20060518.2377 |
| LSN Accession Number | DN2002334467 |
| Doc Date | 20060329 |
| Title | References to TSPA |
| Subject Matter Description | Attorney comments on references to TSPA. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Quenell, Diane/ DOE-OCRWM/ |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipient is an OCRWM official who has responsibility for the proper treatment of the TSPA. |
| Purpose Of Document | The purpose of this document is to provide attorney comments on proper references to TSPA. |
| Confidentiality Statement | Marked Attorney Client Communication 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20060519.0085 |
| LSN Accession Number | DN2002467536 |
| Doc Date | 200601XX |
| Title | #5930 v4 - SIGNIFICANT YM LICENSING ISSUES JANUARY 2006 |
| Subject Matter Description | DOE licensing counsel's identification and analysis of issues that may be significant to the YM licensing proceeding. |
| Authors | Irwin, Donald/ Hunton & Williams, LLP/ Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author is an attorney with DOE's outside legal counsel for the YMP. The recipients are attorneys with the DOE Office of General Counsel who work on the YMP. |
| Purpose Of Document | The document provides confidential legal advice regarding several issues that are anticipated to arise in the YM licensing proceeding, including strategies concerning them. |
| Confidentiality Statement | The document is marked Attorney-Client Privileged and Attorney Work Product. It is maintained in a secure, access restricted database at DOE's outside counsel. The copy was sent via a secured, password protected email system to other attorneys with a need to know the information. 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-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20060519.0190 |

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| LSN Accession Number | DN2002470196 |
| Doc Date | 20060105 |
| Title | Attorney-Client Communication, Privileged & Confidential |
| Subject Matter Description | The document identifies and discusses seven issues that counsel believes may be important to the licensing proceeding. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author and recipients are all counsel for DOE who work on the YMP. |
| Purpose Of Document | The document provides counsel's confidential advice about what issues may be raised in the licensing proceeding and counsel's assessment of those issues. |
| Confidentiality Statement | The document is marked Privileged and Confidential and Attorney Client Communication. 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 (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20060519.0402 |
| LSN Accession Number | DN2002469858 |
| Doc Date | 20050706 |
| Title | DOE RW 0573 Draft B3 |
| Subject Matter Description | The subject matter is the draft section of the LA covering structures, systems, and components important to safety; safety controls; and measures to ensure availability of the safety systems. |
| Authors | Authors of the comments are DOE licensing counsel with responsibility for the subject addressed in this draft LA section. |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | Authors and recipient are licensing counsel with licensing-related responsibility for the subject of the document. |
| Purpose Of Document | The purpose is to provide attorney comments on the draft LA section. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Litigation Product Marked Attorney Client Communication Marked Predecisional Draft-Internal Use Only-Do Not Disseminate 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 | ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice DPP; |
| Participant Accession No. | ALA.20060519.2793 |
| LSN Accession Number | DN2002470979 |
| Doc Date | 20060124 |
| Title | YMP.TSPA.Memo-1 |
| Subject Matter Description | The document concerns the TSPA-LA modeling of repository compliance. |
| Authors | Biggs, Jo Ann/ Hunton & Williams, LLP/ Attorney Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs / Attorney Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney |
| Author Recipient Relationship | The authors are attorneys with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are attorneys with the DOE OGC who work on YMP matters and with DOE's outside licensing counsel. |
| Purpose Of Document | The document was prepared in response to a request from the DOE OGC. It provides legal advice concerning potential issues in that could be raised in the licensing proceeding regarding the TSPA. |

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| 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 Attorney-Client Communication 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-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20060519.3075 |
| LSN Accession Number | DN2002332406 |
| Doc Date | 20060131 |
| Title | Comments - BSC Internal Draft PHA |
| Subject Matter Description | The document provides comments and advice of counsel on the referenced draft analysis. |
| Authors | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman Engineering Division Director |
| Author Recipient Relationship | The authors are attorneys with, respectively, the DOE Office of General Counsel who provide legal advice to the YMP and DOE's outside legal counsel for the YMP. The recipients are YMP personnel with responsibility for the document that is the subject of counsel's advice. |
| Purpose Of Document | The document conveys the confidential legal advice of the YMP's counsel to persons with responsibility for the subject analysis. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and 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 | CORRESPONDENCE EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20060519.3835 |
| LSN Accession Number | DN2002337146 |
| Doc Date | 20060125 |
| Title | Re: PRIVILEGED Re: TAD White Paper |
| Subject Matter Description | The subject matter is a white paper addressing the level of detail that must be included in he license application so that it will be docketed. |
| Authors | Powell, David / BSC / |
| Recipients | Saldarini, James / BSC / |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractors responsible for portions of the draft license application. |
| Purpose Of Document | The purpose of the document is convey comments regarding the level of detail required in the license application for docketing. |
| 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 | DPP |
| Participant Accession No. | ALA.20060519.4457 |
| LSN Accession Number | DN2002333136 |
| Doc Date | 20060201 |
| Title | Re: Legal Comments on PHA - Privileged |
| Subject Matter Description | This document discusses comments and advice of counsel on the referenced draft analysis. |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney |

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| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipient is an attorney with outside licensing counsel for the Yucca Mountain Project. |
| Purpose Of Document | This document discusses the effect of the confidential legal advice of YMP counsel on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
| Confidentiality Statement | Marked Privileged and Confidential 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 (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |
| Participant Accession No. | ALA.20060525.0928 |
| LSN Accession Number | DN2002329694 |
| Doc Date | 20060412 |
| Title | FW: Recommended TPS for Speaking to Paul Golan - Privileged & Confidential |
| Subject Matter Description | Attorney's identification of licensing issues |
| Authors | Irwin, Donald / Hunton & Williams, LLP / Attorney Neumayr, Mary/DOE OGC/attorney |
| Recipients | Fygi, Eric/ DOE - Office of General Counsel (OGC)/ Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Hill, David/DOE OGC/ Attorney Irwin, Donald/ Hunton & Williams, LLP/ Attorney McRae, James B./ DOE - Office of General Counsel (OGC)/ Attorney Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters and the recipients are both DOE OGC attorneys and its outside counsel. |
| Purpose Of Document | To convey the view of counsel on the points for briefing Paul Golan, OCRWM Acting Director, re legal issues pertinent to the LA and CD-1 process |
| Confidentiality Statement | The document was authored by a DOE OGC attorney and circulated to other attorneys of the OGC and outside counsel. It is 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |
| Participant Accession No. | ALA.20061030.0160 |
| LSN Accession Number | DN2002470921 |
| Doc Date | 20061024 |
| Title | WP and DS Corrosion KTI Appendix N |
| Subject Matter Description | Attorney review of Draft C of Appendix N. |
| Authors | Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / DOE Attorney Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst Orme, Chris / Idaho National Engineering & Environmental Laboratory / Salmon, David A. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Science Specialist Summers, Tammy / Lawrence Livermore National Laboratory / |
| Author Recipient Relationship | The authors are DOE OGC attorneys who work on YMP matters. The recipients are YMP personnel with responsibility for the document that is the subject of counsel's advice. |
| Purpose Of Document | Attorney review of Draft C of Appendix N, which focuses on the draft's transparency and traceability. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | CORRESPONDENCE EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |

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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20061030.0334 |
| LSN Accession Number | DN2002463961 |
| Doc Date | 20040621 |
| Title | PRIVILEGED AND CONFIDENTIAL - - Your Request - - Licensing Case Development |
| Subject Matter Description | Conservatism in DOE licensing models |
| Authors | Andrews, Robert W./ BSC Repository Development - Licensing Defense/ Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead |
| Recipients | Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director Chu, Margaret / DOE - OCRWM / DOE Director DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Dyer, J. Russell / DOE - OCRWM Office of Repository Development / Acting Deputy Director Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The authors and recipients are Yucca Mountain Project personnel, including a DOE OGC attorney, who have responsibility for developing and implementing licensing strategy.. |
| Purpose Of Document | This document complies with DOE OGC request that author identify potential conservatism in current analyses and models that should inform attorney's assessment of licensing case development and strategy. |
| Confidentiality Statement | Marked Privileged and 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) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.0348 |
| LSN Accession Number | DN2002469037 |
| Doc Date | 20040623 |
| Title | Re: Statement in Technical Basis Document No. 14 |
| Subject Matter Description | The subject matter concerns the interpretation of 10 CFR 63.114 and 63.102(j) as it relates to the FEPs screening for seismic events. |
| Authors | Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysicist: Supporting Probabilistic Seismic Hazard Analysis Quittmeyer, Richard C./ BSC Repository Development - Disruptive Events/ |
| Recipients | Bradbury, Robert / MTS - Regulatory / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)/ OCRWM Contractor DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gunter, Timothy / DOE - OCRWM Office of Repository Development / Dual Role as Regulatory Interaction and Strategy Division Team Member LSN Lead Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member Nieder-Westermann, Gerald H. / BSC Repository Development - Operations / BSC Senior Science Specialist |
| Author Recipient Relationship | The author and recipients, including attorneys, are project personnel who support the YMP and the license application. |
| Purpose Of Document | The purpose of the email is to propose and comment on a language change to Technical Basis Document No. 14, and seek the advice of counsel on the proposed changes. |
| Confidentiality Statement | Marked Attorney Client Communication 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 |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.0852 |
| LSN Accession Number | DN2002469824 |
| Doc Date | 20041217 |
| Title | Part 71 or Part 63 |
| Subject Matter Description | Yucca Mountain Repository: Geologic Repository Operations Area Applicability of 10 C.F.R. Part 63 to Shipping Casks in the Buffer Area |
| Authors | Trubatch, Sheldon/BSC/Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Frazier, Amanda / Hunton and Williams, LLP / Attorney |

Irwin, Donald / Hunton & Williams, LLP / Attorney

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| Author Recipient Relationship | The author is an attorney with DOE's M&O contractor for the Yucca Mountain Project and the recipients are attorneys with DOE OGC or with DOE's outside legal counsel. |
| Purpose Of Document | The document sets forth the M&O contractor's attorney's legal analysis and advice concerning the applicability of 10 CFR Part 63 to shipping casks in the buffer area. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client Privilege 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-ATT REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |

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| Participant Accession No. | ALA.20061030.1970 |
| LSN Accession Number | DN2002470141 |
| Doc Date | 20040621 |
| Title | PRIVILEGED AND CONFIDENTIAL - - Your Request - - Licensing Case Development |
| Subject Matter Description | The subject matter of the email is the post closure safety case and the projected mean annual dose during the 10.000 year compliance period. |
| Authors | Andrews, Robert W. / BSC Repository Development / 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) / DOE Attorney Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects Ziegler, Joseph/DOE OCRWM/Licensing Director |

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| Author Recipient Relationship | The author and recipients, including an attorney, support the YMP, work on the license application, and develop licensing strategy. |
| Purpose Of Document | The purpose of the email is to respond to an attorney request to identify the conservatisms and non-conservatisms in current analyses and models used to describe processes and events affecting features in the post closure safety case that could result in reductions in the projected peak mean annual dose during the 10,000 year compliance period, to assist counsel in providing advice to counsel regarding the YM licensing proceeding. |
| Confidentiality Statement | Marked Privileged and 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) |
| Other Privilege Types | ACP-client to attorney; ACP-discusses attorneys advice |

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| Participant Accession No. | ALA.20061030.1976 |
| LSN Accession Number | DN2002470704 |
| Doc Date | 20040706 |
| Title | PRIVILEGED - Summary table of differences and other request |
| Subject Matter Description | The subject matter of this email is assumptions used in peak dose calculation. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| 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 | Marked Attorney Work Product 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); |

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| | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney; ACP-discusses attorneys advice |
| 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.20061030.1983 |
| LSN Accession Number | DN2002460976 |
| Doc Date | 20040811 |
| Title | Confidential - PRIVILEGED Attorney Client Work Product - Possible Stylized Peak Dose Evaluation |
| Subject Matter Description | This email addresses language describing engineered and natural barriers to peak dose exposure. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Irwin, Donald / Hunton & Williams, LLP / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Voegelé, Michael D. / BSC Repository Development - Chief Science Officer / BSC Program Manager |
| Author Recipient Relationship | The author is a DOE M&O contract personnel. The recipients are counsel for DOE and another YMP personnel with responsibility for the subject matter. |
| Purpose Of Document | The purpose of the email is to provide language at counsel's request making a recommendation regarding how to alleviate the speculation in projecting the performance of the engineered and natural barriers to the time of peak risk to the average member of the critical group. |
| Confidentiality Statement | Marked Attorney Client Work Product Marked Confidential - 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-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.1990 |
| LSN Accession Number | DN2002470167 |
| Doc Date | 20040813 |
| Title | Confidential--Protected by Attorney Client Privilege and Work-Product Immunity - Possible Stylized Peak Dose Evaluation (Actions 4 and 6) |
| Subject Matter Description | The subject matter of this email is the peak dose evaluation in the FEIS and an assessment of same. |
| Authors | Andrews, Robert W. / BSC Repository Development / Senior Project Manager |
| Recipients | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager Arthur, John, III / DOE - OCRWM Office of Repository Development / Deputy Director Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Chu, Margaret / DOE - OCRWM / Director Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Assistant to Deputy Director Edwards, W J. / Hunton & Williams, LLP / Attorney Holloway, John / Hunton & Williams, LLP / Attorney |

Irwin, Donald / Hunton & Williams, LLP / Attorney
McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs
Nutt, William M. / MTS - Technical Expertise Teams Coordinator / Golder Associates Team Lead
Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager
Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney
Voegele, Michael D. / BSC Repository Development - Chief Science Officer / BSC Program Manager
Zeugin, Lee / Hunton & Williams, LLP / Attorney
Ziegler, Joseph/DOE OCRWM/Licensing Director

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| Author Recipient Relationship | The author and recipients are personnel, including attorneys, supporting the YMP and the license application. |
| Purpose Of Document | The purpose of the email is to provide comment on the peak dose evaluation in the FEIS and discuss appropriate assumptions, done at the request of an attorney. |
| Confidentiality Statement | Marked Attorney Client Privilege Marked Attorney Work Product Marked 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.1991 |
| LSN Accession Number | DN2002479052 |
| Doc Date | 20040816 |
| Title | Confidential--Protected by Attorney Client Privilege and Work-Product Immunity - Possible Stylized Peak Dose Evaluation (Actions 4 and 6) |
| Subject Matter Description | Peak Dose Evaluation |
| Authors | Andrews, Robert W. / BSC Repository Development / Senior Project Manager |
| Recipients | Arthur, John, III/ DOE - OCRWM Office of Repository Development/ Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Chu, Margaret/ DOE - OCRWM/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Edwards, W J./ Hunton & Williams, LLP/ Attorney Holloway, John/ Hunton & Williams, LLP/ Attorney Irwin, Donald/ Hunton & Williams, LLP/ Attorney McRae, James B./ DOE - Office of General Counsel (OGC)/ Attorney Murray, Robert / MTS - Licensing Application and Strategy / Booz Allen Hamilton (BAH) Manager Nutt, Mark/ Golder Associates/ Peters, Mark/ BSC Repository Development - Engineered System/ Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Zeugin, Lee/ Hunton & Williams, LLP/ Attorney Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author and recipients include Yucca Mountain project personnel and DOE OGC attorneys and outside counsel with responsibility for peak dose and compliance assessment. |
| Purpose Of Document | The purpose of the email is to provide an analysis related to peak dose in response to the request of DOE's OGC attorney and for the purpose of facilitating legal advice regarding compliance assessment. |
| Confidentiality Statement | Marked Confidential Marked Protected by Attorney Client Privilege Marked Work Product Immunity 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) |
| Other Privilege Types | ACP-client to attorney Privacy |
| Participant Accession No. | ALA.20061030.2039 |
| LSN Accession Number | DN2002470635 |
| Doc Date | 20041116 |
| Title | Attorney Work Product Privileged - Suggested replacement of paragraph 3 |

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| Subject Matter Description | The subject matter of this email is the impact of certain assumptions on the estimated dose in the FEIS. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Kay, Dennis / / Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management Voegele, Michael D. / BSC Repository Development - General Manager / Program Manager |
| Author Recipient Relationship | The author and recipients are project personnel including an attorney working on the FEIS or the dose issues addressed in the FEIS. |
| Purpose Of Document | The purpose of the document is to propose an alternative method of estimating the dose in FEIS. It was prepared at request of counsel to assist counsel in advising DOE. |
| Confidentiality Statement | 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 |
| 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 |
| Participant Accession No. | ALA.20061030.2040 |
| LSN Accession Number | DN2002469228 |
| Doc Date | 20041201 |
| Title | Question regarding relocation of surface facilities to a rock site |
| Subject Matter Description | This email addresses seismic benefits resulting from relocating surface facilities to a rock site. |
| Authors | King, Jerry L. / BSC Repository Development - Disruptive Events / BSC Project Manager |
| Recipients | Ake, Jon/ DOE/ Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Pernisi, Richard / BSC / Quittmeyer, Richard C./ BSC Repository Development - Disruptive Events/ Silva, Walt / BSC / Trubatch, Sheldon/BSC/Attorney Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/ |
| Author Recipient Relationship | The author and recipients, including an attorney, support the YMP and work on the license application and licensing strategy. |
| Purpose Of Document | The purpose of the email is to provide to counsel an assessment of seismic benefits resulting from relocating surface facilities to a rock site. It was prepared at request of counsel. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| 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 |
| 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. |

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| 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.20061030.2045 |
| LSN Accession Number | DN2002468993 |
| Doc Date | 20041207 |
| Title | PRIVILEGED-CONFIDENTIAL Attorney-Client Request - - V-TEL Discussions on Scoping Calculations |
| Subject Matter Description | The subject matter of the email is a preview of factors that should be considered when evaluating timing and magnitude of 1,000,000 year does estimates. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Hoshaw, Marylu / BSC / McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Nutt, Mark/ Golder Associates/ OCRWM Contractor Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sevougian, David / BSC Repository Development - Management & Operations / Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager |
| Author Recipient Relationship | The author and recipients are DOE OCRWM personnel and DOE OGC attorneys and other Yucca Mountain Project personnel who have responsibility for evaluating the proposed new peak dose and its impact on LA development and strategy. |
| Purpose Of Document | The purpose of the email is to provide to DOE OGC attorneys information to allow them to evaluate and render legal advice to DOE regarding the potential new peak dose standard and its impact on LA development and strategy. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client Communication 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) |
| Other Privilege Types | ACP-client to attorney DPP; |
| Participant Accession No. | ALA.20061030.2046 |
| LSN Accession Number | DN2002470971 |
| Doc Date | 20041207 |
| Title | Re: PRIVILEGED-CONFIDENTIAL Attorney-Client Request - - V-TEL Discussions on Scoping Calculations |
| Subject Matter Description | The document concerns potential peak dose standards. |
| Authors | Sevougian, David / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) TSPA Model Design/Analysis Lead |
| Recipients | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Hoshaw, Marylu / BSC / Irwin, Donald / Hunton & Williams, LLP / Attorney McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Nutt, William M. / MTS - Post Closure Safety Analsis / Golder Associates Team Lead/ OCRWM Contractor |

Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager
 Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney
 Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management
 Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist
 Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy /
 Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager
 Zeugin, Lee / Hunton & Williams, LLP / Attorney

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| Author Recipient Relationship | The author is a DOE M&O contractor personnel for the YMP who assists counsel on the referenced subject matter. The document was sent to an DOE attorney (Sweeney) who requested the information. Copies were sent to other DOE and DOE contractors, including counsel, working on the referenced subject matter. |
| Purpose Of Document | The document provides information to DOE counsel, prepared at counsel's request, regarding peak dose standards. The information was prepared at counsel's request to assist counsel in advising DOE regarding potential peak dose standards for the YM proceeding. |
| Confidentiality Statement | 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20061030.2047 |
| LSN Accession Number | DN2002468958 |
| Doc Date | 20041207 |
| Title | PRELIMINARY PRE-DECISIONAL WORKING DRAFT TOTAL SYSTEM SENSITIVITY ANALYSES FOR NOMINAL GENERAL CORROSION (GC) MODELING CASE (EARLY FAILURES NOT INCLUDED); 1MA_Discussion_Plots_RWA |
| Subject Matter Description | The document concerns potential peak dose standards. |
| Authors | Sevougian, David/ BSC Repository Development - Management & Operations/ |
| Recipients | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Hoshaw, Marylu / BSC / Irwin, Donald / Hunton & Williams, LLP / Attorney McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Nutt, William M. / MTS - Post Closure Safety Analysis / Golder Associates Team Lead / OCRWM Attorney Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager Zeugin, Lee / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is a DOE M&O contractor personnel for the YMP who assists counsel on the referenced subject matter. The document was sent to an DOE attorney (Sweeney) who requested the information. Copies were sent to other DOE and DOE contractors, including counsel, working on the referenced subject matter. |
| Purpose Of Document | The document provides information to DOE counsel, prepared at counsel's request, regarding peak dose standards. The information was prepared at counsel's request to assist counsel in advising DOE regarding potential peak dose standards for the YM proceeding. The document is the attachment to the 12/07/04 email of David Sevougian to Janine Sweeney, which is on the privilege list. |
| Confidentiality Statement | Marked Preliminary Pre-Decisional Working Draft 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 MEETING AID |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |

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| Other Privilege Types | ACP-client to attorney; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20061030.2048 |
| LSN Accession Number | DN2002470871 |
| Doc Date | 20041213 |
| Title | PRIVILEGED and CONFIDENTIAL - - Your Request for Sensitivity Analyses |
| Subject Matter Description | This email to counsel discusses processes and events related to analyses out to 10,000 and 1,000,000 years. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager |
| Author Recipient Relationship | The author is a DOE M&O contractor personnel for the YMP. The recipient is an attorney with the DOE OGC and other YMP personnel assisting counsel on the subject matter. |
| Purpose Of Document | This email contains information that is being provided to counsel, Janine Sweeney of OGC, for purposes of providing legal advice to DOE re potential peak dose regulations. |
| Confidentiality Statement | Marked Privileged and Confidential, and 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 (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.2049 |
| LSN Accession Number | DN2002469206 |
| Doc Date | 20041213 |
| Title | PRELIMINARY PRE-DECISIONAL WORKING DRAFT TOTAL SYSTEM SENSITIVITY ANALYSES (CONTINUED); 1MA_Discussion_Plots_121304 |
| Subject Matter Description | This document contains information regarding processes and events related to analyses out to 10,000 and 1,000,000 years. |
| Authors | Andrews, Robert W./ BSC Repository Development - Conversion/ |
| Recipients | Boyle, William J/ DOE - OCRWM Office of Repository Development/ Peters, Mark/ BSC Repository Development - Engineered System/ Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ |
| Author Recipient Relationship | The author is a DOE M&O contractor personnel for the YMP. The recipient is an attorney with the DOE OGC and other YMP personnel assisting counsel on the subject matter. |
| Purpose Of Document | This document was created at the request of counsel and for counsel (Janine Sweeney of OGC), and it contains information that is being provided to counsel for purposes of providing legal advice to DOE on potential peak dose regulations. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. This document is marked "Attorney-Client Privileged." |
| Doc Type | DATA EMAIL-ATT MEETING AID |
| LWP Privilege Types | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.2052 |
| LSN Accession Number | DN2002470149 |
| Doc Date | 20041215 |
| Title | PRIVILEGED AND CONFIDENTIAL - - Request for information on possible approach for long term dose assessment |
| Subject Matter Description | Email responding to DOE OGC's request for information for the purpose of obtaining legal advice regarding FEP analysis for compliance periods and possible approaches for long term dose assessment in the licensing proceedings. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Nutt, William M. / MTS - Post Closure Safety Analysis / Golder Associates Team Lead / OCRWM Contractor Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager |
| Author Recipient Relationship | The author is YMP personnel and the recipient is a DOE Office of General Counsel attorney who works on Yucca |

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| | Mountain Project matters. |
| Purpose Of Document | This document provides confidential information from YMP personnel to DOE counsel for the purpose of obtaining legal advice regarding FEP analysis for compliance periods and possible approaches for long term dose assessment in the licensing proceedings. |
| 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 Attorney Client Communication 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.2059 |
| LSN Accession Number | DN2002469267 |
| Doc Date | 20041217 |
| Title | YUCCA MOUNTAIN REPOSITORY: GEOLOGIC REPOSITORY OPERATIONS AREA APPLICABILITY OF 10 C.F.R. PART 63 TO SHIPPING CASKS IN THE BUFFER AREA; Part 71 or Part 63 |
| Subject Matter Description | Yucca Mountain Repository: Geologic Repository Operations Area Applicability of 10 CFR Part 63 to Shipping Casks in the Buffer Area |
| Authors | Trubatch, Sheldon/BSC/Attorney |
| Recipients | Cereghino, Stephen J./ BSC Repository Development - Licensing & Nuclear Safety/ Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director |
| Author Recipient Relationship | The author is an attorney for DOE's M&O contractor and the recipients are Yucca Mountain Project personnel who have responsibility for implementing and applying the regulations that are the subject of the attorney's legal analysis. |
| Purpose Of Document | This document sets forth a legal analysis concerning the applicability of 10 CFR Part 63 authored by an attorney for DOE's M&O contractor. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client Privilege Marked Attorney Work Product This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20061030.2062 |
| LSN Accession Number | DN2002470958 |
| Doc Date | 20050104 |
| Title | PRIVILEGED - CONFIDENTIAL - Work request related to TSPA sensitivity analyses |
| Subject Matter Description | The emails address TSPA sensitivity runs. |
| Authors | Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager |
| Recipients | Boyle, William J/ DOE - OCRWM Office of Repository Development/ Nutt, Mark/ Golder Associates/ OCRWM Contractor Peters, Mark/ BSC Repository Development - Engineered System/ Sevougian, David / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) Senior Staff Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Swift, Peter N./ BSC Repository Development - Mission Applications/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ |
| Author Recipient Relationship | The author and recipients, including an attorney, support the ymp and work on the license application and licensing strategy. |
| Purpose Of Document | The purpose of the email is to provide to counsel, at counsel's request, information concerning TSPA sensitivity analyses to assist counsel in advising DOE on potential peak dose regulations. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client 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); |

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| | LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.2066 |
| LSN Accession Number | DN2002481344 |
| Doc Date | 20050104 |
| Title | Re: CONFIDENTIAL/PRIVILEGED |
| Subject Matter Description | Proposed rule changes related to probability and features, events, and processes that must be considered in the 10,000 year analysis and associated DOE strategy. |
| Authors | Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management / OCRWM contractor |
| Recipients | Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager / OCRWM contractor Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission / OCRWM contractor Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager / OCRWM contractor Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager / OCRWM contractor |
| Author Recipient Relationship | The author and recipients are Yucca Mountain project personnel and a DOE OGC attorney with responsibility for commenting on the proposed rule and for formulating and evaluating DOE's position and strategy relative to such proposed rule change. |
| Purpose Of Document | The purpose of the email is to convey to legal counsel the author's observations about the proposed rule changes and DOE's proposed position and strategy relative to the proposed rule changes, to assist counsel in advising DOE. |
| Confidentiality Statement | 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 |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney Privacy |
| Participant Accession No. | ALA.20061030.2068 |
| LSN Accession Number | DN2002469554 |
| Doc Date | 20050106 |
| Title | PRIVILEGED - CONFIDENTIAL - - Response to your request from 01/04/05 v-tel |
| Subject Matter Description | The subject matter is FEIS treatment of climate change uncertainty. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Nutt, William M. / MTS - Post Closure Safety Analysis / Golder Associates Team Lead / OCRWM Contractor Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Voegele, Michael D. / BSC Repository Development - General Manager / Program Manager Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author and recipients are DOE OCRWM personnel, a DOE OGC attorney, and other Yucca Mountain Project personnel who have responsibility for the FEIS. |
| Purpose Of Document | The purpose of the email is to provide to legal counsel the author's understanding of the alternative treatment of climate change uncertainty for the FEIS to facilitate the lawyer's rendering of legal advice regarding the content of the FEIS. |
| Confidentiality Statement | 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.2071 |
| LSN Accession Number | DN2002470813 |
| Doc Date | 20050112 |
| Title | Re: Privileged Draft Document |
| Subject Matter Description | The subject matter of the email is a draft paper addressing the peak dose evaluation for a revised EPA Standard. |

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| Authors | Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Cotton, Thomas/ BSC Repository Development - Program Integration/ Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Voegelé, Michael D. / BSC Repository Development - General Manager / BSC Program Manager Zeugin, Lee / Hunton & Williams, LLP / Attorney Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author and recipients, including attorneys from DOE's OGC and outside counsel, are YMP personnel who assist DOE in developing agency positions regarding the subject proposed regulations. |
| Purpose Of Document | The purpose of the email is to forward and provide some comment on proposed revisions to a draft paper addressing the peak dose evaluation for a revised EPA Standard, for DOE counsel's consideration to help counsel advise DOE on the topic. |
| 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-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| 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.20061030.2477 |
| LSN Accession Number | DN2002458904 |
| Doc Date | 20061024 |
| Title | COVER MEMORANDUM FOR PERFORMANCE CONFIRMATION CHART; MEMO cover memo for PC Chart(v2) |
| Subject Matter Description | The document concerns the draft performance confirmation plan. |
| Authors | Noonan, Edward P. / Hunton & Williams, 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

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| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are attorneys with the DOE OGC who work on YMP matters and an attorney with DOE's outside licensing counsel for the YMP, plus the YMP personnel who is responsible for preparation of the draft document that is the subject of counsel's advice. |
| Purpose Of Document | Legal memorandum re Performance Confirmation Chart The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
| Confidentiality Statement | Marked Attorney Work Product Marked Privileged & 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. This document is not maintained on the general YMP document database so that it is not broadly accessible to the general project personnel. |
| Doc Type | CORRESPONDENCE EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |

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| Participant Accession No. | ALA.20061030.2510 |
| LSN Accession Number | DN2002466750 |
| Doc Date | 20040621 |
| Title | PRIVILEGED AND CONFIDENTIAL - - Your Request - - Licensing Case Development |
| Subject Matter Description | The document concerns potential conservatisms in postclosure analyses and models. |
| Authors | Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager |
| Recipients | Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Chu, Margaret / DOE - OCRWM / DOE Director DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Dyer, J. Russell / DOE - OCRWM / Project Manager Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects Ziegler, Joseph/DOE OCRWM/Licensing Director |

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| Author Recipient Relationship | The author is a senior YMP personnel. The direct recipient is an DOE OGC attorney who works on YMP matters. The other recipients are other senior YMP personnel. |
| Purpose Of Document | The document provides information and opinions to DOE counsel on the referenced topic, in response to counsel's request to enable counsel to provide legal advice to DOE on the licensing case development and strategy. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |

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| Participant Accession No. | ALA.20061030.2564 |
| LSN Accession Number | DN2002470057 |
| Doc Date | 20040623 |
| Title | Wording in TBD 14 |
| Subject Matter Description | The email addresses the drafting of Technical Basis Document 14. |
| Authors | Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney King, Jerry L. / BSC Repository Development - Disruptive Events / Project Manager Quittmeyer, Richard C. / BSC Repository Development - Disruptive Events / Integrated Science Solutions, Inc. (ISSI) Principal Scientist |

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| Author Recipient Relationship | The author and recipients, including a DOE OGC attorney, support the YMP and work on the license application. |
| Purpose Of Document | The purpose of the document is to distribute attorney opinion regarding the wording of a portion of TBD 14 to personnel responsible for the document. |

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| Confidentiality Statement | Marked Attorney Client Communication 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20061030.2611 |
| LSN Accession Number | DN2002469031 |
| Doc Date | 20040623 |
| Title | Re: Statement in Technical Basis Document No. 14 |
| Subject Matter Description | The subject matter is the earthquake scenario assumed as part of the license application. |
| Authors | Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | King, Jerry L. / BSC Repository Development - Seismic Studies / BSC Project Manager Nieder-Westermann, Gerald H./ BSC Repository Development - Chief Science Officer/ Quittmeyer, Richard C. / BSC Repository Development - Disruptive Events / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Reynolds, Myles/ Hunton & Williams, LLP/ Attorney |
| Author Recipient Relationship | The authors and recipients, including attorneys, support the YMP and work on the license application. |
| Purpose Of Document | The purpose of the document is to raise a question by counsel and provide a response to counsel regarding the earthquake scenario assumed as part of the license application, to assist counsel in providing legal advice. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privilege & 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 |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20061030.2842 |
| LSN Accession Number | DN2002468049 |
| Doc Date | 20040903 |
| Title | LICENSING DEFENSE QUESTIONS - POSTCLOSURE SAFETY ANALYSIS; Mechanical Disruption Postclosure Questions_jpa |
| Subject Matter Description | The document concerns the draft section 2.3.4 of the LA, regarding Mechanical Disruption of Engineered Barriers. |
| Authors | Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/ |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Department of Energy Office of General Counsel Dyer, Russell J. / DOE - OCRWM Office of Repository Development / Assistant to Deputy Director |
| Author Recipient Relationship | The author is an OCRWM official. The document was prepared for the DOE Office of General Counsel. A copy was provided to two other OCRWM officials who participated in the discussion with DOE counsel. |
| Purpose Of Document | The document was prepared at the request of the DOE Office of General Counsel to provide information regarding the reference draft document to assess potential contentions in the licensing proceeding and to advise DOE on potential responses. |
| Confidentiality Statement | Marked Attorney Client Privileged Marked Prepared in Anticipation of Litigation 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. The document was prepared as part of DOE's defense-in-depth undertaking. The document is subject to a controlled process that restricted access to persons with a need to know and prohibited copies. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | EMAIL-ATT LIST REPORT |

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| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061030.2866 |
| LSN Accession Number | DN2002470410 |
| Doc Date | 20040727 |
| Title | RE: Issues and Strategy |
| Subject Matter Description | The document concerns the performance confirmation plan, the QARD, the management organization and personnel structure of the draft license application, and controls to restrict access and regulate land uses. |
| Authors | Edwards, W. Jeff. / Hunton & Williams, LLP / Attorney |
| Recipients | Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / DOE Attorney Beard, Kristina / Hunton & Williams, LLP / Attorney Beasley, Amanda / Hunton & Williams, LLP / Attorney Biggs, Jo Ann / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fagioni, Kelly L. / Hunton & Williams, LLP / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Jenkins, Angela / Hunton & Williams, LLP / Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Miles, Meredith / Hunton & Williams, LLP / Attorney Noonan, Edward / Hunton & Williams, LLP / Attorney Oney, Thomas / Hunton & Williams, LLP / Attorney Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney Wright, William H. (Chip) / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are attorneys with the DOE OGC who work on YMP matters as well as other attorneys with DOE's outside licensing counsel. |
| Purpose Of Document | The document provides confidential legal advice in response to a request for the DOE OGC, regarding contentions that could be raised in the licensing proceeding on the referenced topics. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20061030.3131 |
| LSN Accession Number | DN2002468957 |
| Doc Date | 20040901 |
| Title | LICENSING DEFENSE QUESTIONS - POSTCLOSURE SAFETY ANALYSIS; Postclosure Questions |
| Subject Matter Description | LICENSING DEFENSE QUESTIONS - POSTCLOSURE SAFETY ANALYSIS |
| Authors | YMP personnel |
| Recipients | DOE Office of General Counsel Dyer, J. Russell / DOE - OCRWM Office of Repository Development / |
| Author Recipient Relationship | The author is a YMP project personnel with responsibility for the subject matter of the document. The recipients are DOE attorneys with responsibility for the YMP. |
| Purpose Of Document | List of postclosure questions "interesting parts" licensing case 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 Attorney Client Communication Marked Prepared In Anticipation of Litigation The document was prepared as part of DOE OGC's defense-in-depth effort. 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. The document is subject to a controlled process that prohibited copying, restricted access to persons with a need to know, and required return of all copies to a single custodian. |
| Doc Type | EMAIL-ATT LIST |

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| 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 |
| Participant Accession No. | ALA.20061129.2061 |
| LSN Accession Number | DN2002457519 |
| Doc Date | 20060901 |
| Title | Re: Privileged |
| Subject Matter Description | The document concerns an article on the release of C-14. |
| Authors | Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ |
| Recipients | Boyle, William J/ DOE - OCRWM Office of Repository Development/ Rivers Jr., Joe / Jason Technology Associates Corp / OCRWM contractor Summerson, Jane R./ DOE - OCRWM Office of Acquisition Strategy/ Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Swift, Peter N./ BSC Repository Development - Mission Applications/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ |
| Author Recipient Relationship | The author is an DOE OCRWM official. The recipients are a DOE OGC attorney who works on YMP matters and key YMP personnel who have responsibility for the subject matter of the communication. |
| Purpose Of Document | The document notifies DOE counsel regarding an issue that might be raised in the licensing proceeding and makes a request that counsel provide advice on the topic. |
| 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.20061221.0350 |
| LSN Accession Number | DN2002470946 |
| Doc Date | 20010601 |
| Title | tynan comment PSSE; part 2 |
| Subject Matter Description | Use of various potential preclosure durations in various sections of the PSSE |
| Authors | Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Gibbons, John / BSC Repository Development - Site Recommendation / Science and Engineering Report Team Member Goldstein, Barry / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) Environmental Regulatory Compliance Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Hodges, Tammy / BSC Repository Development - Document Development & Production / Technical Writing & Editing Technical Writing/Editing Team Member Jessen, James P. / BSC Repository Development - Conversion / BSC Senior Engineer Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer King, Jerry L. / BSC Repository Development - Licensing & Engineering / BSC Project Manager Knapp, Kathryn / MTS - Regulatory / Booze Allen Hamilton (BAH) Senior Environmental Engineer/Scientist Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director Martin, Kathleen O. / DOE - Office of General Counsel (OGC) / Attorney Matthusen, August C. / BSC Repository Development - Conversion / BSC Science Specialist Meacham, Paul / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Technical Specialist Pflum, Chris / BSC Repository Development - Subcontractor Department / IBEX Group, Inc. Parameter/Data Integration Analyst / OCRWM contractor Rowe, Patrick / MTS - Regulatory / Stone & Webster Engineering Mechanical Engineer / OCRWM contractor Sanchez, Paul E. / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) Environmental Regulatory Compliance Sullivan, Timothy / DOE - Brookhaven National Laboratories / |

**Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition
Physical Scientist**
Voegele, Michael D. / BSC Repository Development - Conversion / BSC Program Manager
Ziegler, Joseph/DOE OCRWM/Licensing Director

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| Author Recipient Relationship | The author and recipients work on Yucca Mountain project matters with responsibility for the PSSE. The recipients also include attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters. |
| Purpose Of Document | The purpose of the email is to point out the use of various potential preclosure durations in various sections of the PSSE and seeking advice of the group, including legal counsel, on resolution of variance. |
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| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20061221.0359 |
| LSN Accession Number | DN2002468942 |
| Doc Date | 20011207 |
| Title | Re: Your request for additional information - Igneous activity |
| Subject Matter Description | The emails address the models used to assess potential risks to repository performance associated with igneous activity. |
| Authors | Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety/ Skoblar, Leonard / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I |
| Recipients | Beckman, Donald / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Cereghino, Stephen J. / BSC Repository Development - Conversion / Project Manager Kouts, Christopher A. / DOE - OCRWM Office of Waste Acceptance, Storage & Transportation / Storage & Engineering Technology Division Group Member Murray, Robert / MTS - Regulatory / Booze Allen Hamilton (BAH) Team Lead / OCRWM contractor Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Pannell, George / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Skoblar, Leonard / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Williams, Nancy H. / BSC Repository Development - Licensing & Engineering / Senior Project Manager Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The author and recipients, including an attorney from DOE OGC, support the YMP and work on preparing the LA and developing licensing strategy. |
| Purpose Of Document | The purpose of the emails is to provide addition data and analyses, at the request of counsel, and then comment on that data and analyses related to models used to assess potential risks to repository performance associated with igneous activity, for the benefit of counsel in providing advice to DOE. |
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| Doc Type | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20070215.1942 |
| LSN Accession Number | DN2002469174 |
| Doc Date | 20061127 |
| Title | DPI comment sheet [PRIVILEGED] YMP 04-01 Draft 3G |
| Subject Matter Description | Management Plan for Development of the Yucca Mountain License Application |
| Authors | Irwin, Donald/ Hunton & Williams, LLP/attorney |
| Recipients | Biggs, Jo Ann/ Hunton & Williams, LLP/attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Urie, Matt/ DOE - Office of General Counsel (OGC)/attorney |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel. The recipients are other DOE counsel who work on the YMP. |
| Purpose Of Document | Provides confidential legal advice on the Management Plan for Development of the Yucca Mountain License Application |
| Confidentiality Statement | Marked Deliberative Process Privileged Information 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. |
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| LWP Privilege Types | LWP-prepared by attorney (FACT); |

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| | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070426.0648 |
| LSN Accession Number | DN2002457500 |
| Doc Date | 20061213 |
| Title | Legal Comments-Docketing Risk Register |
| Subject Matter Description | The document concerns the draft LA Risk Register for Docketing, which concerns issues that could be raised in the licensing proceeding. |
| Authors | Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Crosland, Martha / DOE / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Huenmuller, Neal / DOE OCRWM / Irwin, Donald / Hunton & Williams, LLP / Attorney McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs Nuelmayr, Mary / DOE / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney Warther, Robert / DOE / Federal LA Project- Director |
| Author Recipient Relationship | The author is a DOE OGC attorney who works on YMP matters. The recipients are DOE OCRWM personnel who have responsibility for preparation of the draft document that is the subject of counsel's advice. The other recipients are attorneys with the DOE OGC and with DOE's outside licensing counsel. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues, to provide counsel's input on the potential issues identified in the register. |
| Confidentiality Statement | Marked Predecisional Deliberative Process Marked Privileged and Confidential Marked Litigation Work Product Marked Attorney-Client Communication 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. 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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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070426.0649 |
| LSN Accession Number | DN2002468129 |
| Doc Date | 20061213 |
| Title | Legal Comments-Post-Docketing Risk Register |
| Subject Matter Description | The document concerns the referenced draft risk register, which provides considerations of issues that could be raised as contentions in the licensing proceeding following docketing of the License Application. |
| Authors | Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Crosland, Martha / DOE / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Huenmuller, Neal / DOE OCRWM / Irwin, Donald / Hunton & Williams, LLP / Attorney 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) / DOE Attorney Warther, Robert / DOE / Federal LA Project Director |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are other DOE OGC attorneys who work on YM matters and attorneys with DOE's outside licensing counsel, plus two DOE OCRWM personnel who have responsibility 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, from the perspective of regulatory compliance and other legal issues. |
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| Other Privilege Types | ACP-attorney to client |

Participant Accession No. **ALA.20070426.1428**

LSN Accession Number **DN2002481372**

Doc Date **20061218**

Title **Consolidated docketing risks all comments R2-RESPONSE**

Subject Matter Description **This document contains comments from Office of General Counsel attorney Matt Urie regarding potential risks that could affect DOE's ability to successfully docket the LA.**

Authors **Dyer, J. Russell / DOE - OCRWM Office of Repository Development/ OCRWM official
 Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/ OCRWM official
 Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ OCRWM official
 Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney**

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 / OCRWM contractor
 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
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 Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney
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 Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ OCRWM official
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 Warther, Robert/ DOE/RW/ OCRWM official
 Williams, Mark H. / DOE/ OCRWM official
 Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor**

Author Recipient Relationship **The authors are an an attorney with the DOE OGC and OCRWM officials who works on YMP matters. The recipients are attorneys with OGC, outside licensing counsel, OCRWM officials, and contractory personnel who have responsibility over the subject matter area.**

Purpose Of Document **The purpose of this document is to identify the potential risks for DOE to successfully docket the LA as well as potential issues that could arise in the licensing proceeding. Mr. Urie is providing legal analysis concerning these potential risks and issues.**

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 LWP-prepared by attorney (OPINION);**

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Participant Accession No. **ALA.20070426.1429**

LSN Accession Number **DN2002481324**

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| Doc Date | 20061214 |
| Title | Consolidated general CDR all comments |
| Subject Matter Description | This document conveys the authors' comments, analysis, and recommended changes on all of the draft LA/SAR Conceptual Design Reports (CDRs). |
| Authors | 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/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ 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/ Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ 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/ OCRWM contractor Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Wade, Scott A./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/ Warther, Robert/ DOE/RW/ OCRWM official Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor |
| Author Recipient Relationship | The authors consist of a lawyer with OGC and an official with OCRWM. The recipients are lawyers with OGC and outside licensing counsel, OCRWM officials, and OCRWM's contractors who have responsibility over the subject matter area. |
| Purpose Of Document | The authors', including Matt Urie of OGC, are relating their analysis, comments, and opinions on all the CDRs that were under review. This document conveys Mr. Urie's legal advice and analysis on the subject draft documents. 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 Attorney Client Communication This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| 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
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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

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| 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. |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070426.1441 |
| LSN Accession Number | DN2002481294 |
| Doc Date | 20061214 |
| Title | Consolidated Post-Docketing Risk all comments R1 |
| Subject Matter Description | This document conveys the authors' comments regarding post-docketing issues and risks that could develop in the licensing proceeding. |
| Authors | <p>Dyer, J. Russell / DOE - OCRWM Office of Repository Development/ OCRWM official</p> <p>Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/ OCRWM official</p> <p>Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ OCRWM official</p> <p>Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney</p> <p>Williams, Mark H./ DOE/ OCRWM official</p> |
| Recipients | <p>Bailey, Jack/ BSC Repository Development - Licensing Defense/ OCRWM contractor</p> <p>Biggs, Jo Ann/ Hunton & Williams, LLP/ Attorney</p> <p>Boyle, William J/ DOE - OCRWM Office of Repository Development/ OCRWM official</p> <p>Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ OCRWM official</p> <p>DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney</p> <p>Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney</p> <p>Franklin, David/ Navy Reactors/ NNPP official</p> <p>Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ OCRWM contractor</p> <p>Gonzales, Jaime / DOE / OCRWM Official</p> <p>Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ OCRWM official</p> <p>Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney</p> <p>Irwin, Donald/ Hunton & Williams, LLP/ Attorney</p> <p>Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ OCRWM official</p> <p>Linhart, James G./ DOE - OCRWM/ OCRWM official</p> <p>Powers, K.W. (Ken)/ DOE/OCRWM/ OCRWM official</p> <p>Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor</p> |

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| | 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 with OCRWM and a lawyer with OGC. The recipients are lawyers with OGC and outside licensing counsel, other OCRWM officials, and OCRWM's contractors who have responsibility over the subject matter area. |
| Purpose Of Document | This document conveys the recommendations and comments of the authors, including Matt Urie of OGC, regarding the potential issues and risks that the project could face during the licensing phase of the proceeding. |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070426.1444 |
| LSN Accession Number | DN2002481374 |
| Doc Date | 20061214 |
| Title | Consolidated Programmatic CDR all comments |
| Subject Matter Description | This document conveys the authors' comments and recommended changes to the License Application Conceptual Design Report (CDR) for the programmatic sections of the draft SAR/LA |
| Authors | Crawford, David / DOE / OCRWM official Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/ OCRWM official Wade, Scott A./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/ 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 DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney 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 Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ 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/ OCRWM contractor Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Urie, Matt/ 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 Williams, Mark H./ DOE/ OCRWM official Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor |
| Author Recipient Relationship | The authors are officials with OCRWM. The recipients are lawyers with OGC and outside licensing counsel, other officials within OCRWM, 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 CDR. 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. |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Participant Accession No. | ALA.20070426.1445 |

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| LSN Accession Number | DN2002481327 |
| Doc Date | 20061213 |
| Title | Consolidated Programmatic CDR all comments-RESPONSE |
| Subject Matter Description | The document concerns the draft conceptual design regarding programmatic matters. |
| Authors | Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ OCRWM official 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 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 Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ OCRWM official Linhart, James G./ DOE - OCRWM/ OCRWM official Lugo, Michael/ BSC Regulatory Integration/ OCRWM contractor Powers, K.W. (Ken)/ DOE/OCRWM/ OCRWM official Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney 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. The recipients are lawyers with OGC and outside licensing counsel, other OCRWM officials, and OCRWM contractors with responsibility over the subject matter area. |
| Purpose Of Document | The authors are relating their comments on the License Application CDR dealing with the programmatic sections of the draft LA/SAR. The authors are also conveying and discussing legal advice provided by George Hellstrom (OGC) concerning waste form information. 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-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20070426.1448 |
| LSN Accession Number | DN2002481373 |
| Doc Date | 20061214 |
| Title | Consolidated subsurface CDR all comments |
| Subject Matter Description | This document conveys the authors' recommendations and comments regarding the License Application Conceptual Design Report (CDR) dealing with Subsurface Design and Waste Package. |
| Authors | Franklin, David/ Navy Reactors/ NNPP official Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/ OCRWM official Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ 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 Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney 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
 Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney
 Irwin, Donald/ Hunton & Williams, LLP/ Attorney
 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
 Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney
 Urie, Matt/ 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

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| Author Recipient Relationship | The authors are officials with OCRWM and an official with Naval Reactors. The recipients are lawyers with OGC and outside licensing counsel, other OCRWM officials, 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). 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 This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. The document is subject to DOE Orders etc. |
| Doc Type | EMAIL-ATT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |

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| Participant Accession No. | ALA.20070426.1535 |
| LSN Accession Number | DN2002481303 |
| Doc Date | 20061214 |
| Title | Consolidated surface CDR all comments |
| Subject Matter Description | This document conveys the authors' comments on the conceptual design report for the draft LA/SAR dealing with surface design. |
| Authors | Franklin, David/ Navy Reactors/ NNPP official Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/ OCRWM official Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ OCRWM official |
| Recipients | 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 DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ OCRWM official Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney 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 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/ BSC Regulatory Integration/ OCRWM contractor Powers, K.W. (Ken)/ DOE/OCRWM/ OCRWM official Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor Urie, Matt/ 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 Williams, Mark H./ DOE/ OCRWM official |

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| Author Recipient Relationship | The authors are OCRWM officials and an official with Naval Reactors. The recipients are attorneys with OGC and outside licensing counsel, OCRWM officials, and OCRWM contractors with responsibility over the subject matter area. |
| Purpose Of Document | The authors are relating their comments on the License Application Conceptual Design Report (CDR). 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 | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Deliberative Process The document is subject to DOE Orders etc. |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Participant Accession No. | ALA.20070426.1954 |
| LSN Accession Number | DN2002470865 |
| Doc Date | 20061024 |
| Title | Re: Fw: PRIVILEGED & CONFIDENTIAL -- Comments SUBSURFACE AND WASTE PACKAGE CDR |
| Subject Matter Description | Comments SUBSURFACE AND WASTE PACKAGE CDR |
| Authors | Biggs, Jo Ann/ Hunton & Williams, LLP/ Attorney Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Bailey, Jack/ BSC Repository Development - Licensing Defense/ Jessen, James P. / BSC Repository Development - LA Configuration Control / BSC Senior Engineer Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Suarez, Diego / BSC Repository Development - LA Configuration Control / BSC Senior Engineering Specialist |
| Author Recipient Relationship | The authors are attorneys with DOE OGC and with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | This documents contains legal advice and analysis by attorneys with DOE OGC and DOE's outside counsel concerning the draft document. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice |
| 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 |

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| 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.20070426.3150 |
| LSN Accession Number | DN2002465894 |
| Doc Date | 20061212 |
| Title | LA Risk Register - Docketing Risks- Legal Comments-12-12-06 |
| Subject Matter Description | The document concerns an draft register that DOE was preparing to identify potential risks to docketing the LA and to develop a plan to respond 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 who are responsible for preparation of the draft document that is the subject of legal advice. |
| Purpose Of Document | The document provides confidential legal advice of counsel on the referenced draft document. |
| 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. 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) 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 |

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| 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.20070426.5207 |
| LSN Accession Number | DN2002463803 |
| Doc Date | 20070117 |
| Title | Fw: Pahrump Action Item Discussions |
| Subject Matter Description | The subject matter of this email is the license application and defense of the application. |
| Authors | Freeman, Patricia / DOE / Sproat, Edward / DOE - OCRWM / Director Trillo, Sandra / BSC / M&O Contractor |
| Recipients | Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director Borella, Edward / BSC / M&O Contractor Crawford, David / DOE / OCRWM official Davis, Shirley / DOE / OCRWM employee Dyer, J. Russell / DOE - OCRWM Office of Repository Development / Feigenbaum, Ted / BSC / General Manager / OCRWM contractor Golan, Paul / DOE - OCRWM / Deputy Director Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Irwin, Donald / Hunton & Williams, LLP / Attorney Kacich, Richard / DOE / OCRWM official Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director Lanthrum, Paul / DOE / OCRWM official McKinney, Thomas / BSC / M&O Contractor Neumayr, Mary / DOE / Attorney Orrell, Andrew / Sandia National Laboratory (SNL) Team Member / OCRWM contractor Powers, Ken / DOE / OCRWM official Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Taft, Robert W. / DOE / OCRWM official Tosetti, Richard / DOE / OCRWM official Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Warther, Robert F. / DOE / LA Manager / OCRWM official Williams, Mark H. / DOE / Licensing Director / OCRWM official |
| Author Recipient Relationship | The authors and recipients are YMP personnel with responsibility for the license application and its support, including project personnel and attorneys. |
| Purpose Of Document | The purpose of the email is to address action items related to the license application and support for the application for which the OCRWM director has requested decision papers, for his deliberation. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Privileged - Deliberative Process |
| Doc Type | EMAIL |

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| 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.20070426.6524 |
| LSN Accession Number | DN2002459787 |
| Doc Date | 20070111 |
| Title | legal comments on Level Of Design - privileged and confidential - attorney-client communication - predecisional deliberative process |
| Subject Matter Description | The subject matter of this email is the level of design necessary to support the license application. |
| Authors | Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager |
| Recipients | Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Kacich, Richard / DOE / OCRWM official Williams, Mark H. / DOE / Licensing Director Zaccone, Charlotte A. / MTS - Engineering & Design & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Mechanical Engineer / OCRWM contractor |
| Author Recipient Relationship | The author and recipients are project personnel working on the license application, including an attorney from DOE's OGC. |
| Purpose Of Document | The purpose of this email is to address comments from legal on a position paper addressing the level of design necessary to support the license application. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged and Confidential Marked Predecisional Deliberative Process 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; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20070504.0157 |
| LSN Accession Number | DN2002467739 |
| Doc Date | 20070220 |
| Title | Privileged and Confidential - Irrigation Duration Issue |
| Subject Matter Description | The document concerns the draft licensing position on the treatment of irrigation for purposes of computing exposure, for purposes of the licensing proceeding. |
| Authors | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney Wasiolek, Maryla A. / BSC Repository Development - Conversion/ |
| Recipients | Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Hair, Prasad/BSC Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering/ |
| Author Recipient Relationship | The authors are an attorney with DOE's outside licensing counsel and a senior YMP personnel. The recipients were copied on the exchange. They are other attorneys with the DOE OGC and DOE's outside licensing counsel and senior YMP personnel who work on the subject matter of the referenced communication. |
| Purpose Of Document | The document provides information on the referenced topic to counsel, in response to counsel's request, to enable counsel to provide advice to DOE on the referenced subject matter. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product Marked Litigation Work Product Marked Predecisional Deliberative Process 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |

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| Participant Accession No. | ALA.20070504.0893 |
| LSN Accession Number | DN2002457502 |
| Doc Date | 20070216 |
| Title | Review of DELIVERABLE TECHNICAL WORK PLAN FOR DRIFT DEGRADATION STUDIES, TWP-MGR-GS-000007 REV 00, WORK BREAKDOWN STRUCTURE 1.5.03.08; WORK PACKAGE PAD1015 - CONTRACT NO. DE-AC04-94AL-85000 |
| Subject Matter Description | This email concerns the technical work plan for draft degradation studies. |
| Authors | Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager |
| Recipients | Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman Engineering Division Director Linhart, James G. / DOE - OCRWM / Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/ Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Author Recipient Relationship | The personnel who drafted and received this email are project personnel and attorneys with responsibility for the license application and its support. |
| Purpose Of Document | The purpose of the document is to provide comments on the technical work plan for drift degradation studies, and to seek legal guidance regarding same. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| 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; |

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| 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 |

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| | 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. |
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| 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 |

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| 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 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.20070511.4560 |
| 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 Hyrdraulic 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 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.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. 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) |

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| 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. |
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| Doc Type | EMAIL-ATT |
| 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 |

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| 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. |
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| 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 |

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| 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. 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 (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. 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.20070511.5302 |
| LSN Accession Number | DN2002458731 |
| Doc Date | 20070228 |
| Title | PRIVILEGED CONFIDENTIAL - Request for additional information |
| Subject Matter Description | The document concerns the disposition of FEP 1.4.07.03.0A, which concerns the recycling of accumulated radionuclides from soils to groundwater. |
| 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 Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is a senior YMP official. The direct recipient, Robert Fillmore, is an attorney with DOE's outside licensing counsel. The other recipients are an attorney with the DOE OGC who work on YMP matters and another attorney with DOE's outside licensing counsel, plus a senior DOE OCRWM official. |
| Purpose Of Document | The document provides opinions and recommendations about the referenced FEP to DOE's outside licensing counsel, in response to a request from counsel for information to assist counsel advise DOE with respect to contentions that could be raised in the licensing proceeding. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged 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 |

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| Doc Type | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| 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. |
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| 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. |
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| 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.

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| 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 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 subject |

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| | 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 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 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 |

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| 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

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| 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) |

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| 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 |

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| 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) |

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| Participant Accession No. | ALA.20070515.5142 |
| 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 |

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| 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) |

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| 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

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| 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) |

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| Participant Accession No. | ALA.20070515.6152 |
| LSN Accession Number | DN2002469081 |
| Doc Date | 20061214 |
| Title | Re: Risk Register |
| Subject Matter Description | The emails address the LA Risk Register for Docketing and the Additional Post-Docketing Risk Candidates and Other Issues document. |
| Authors | Urie, Matt / DOE - Office of General Counsel (OGC)/ Attorney Warther, Robert / DOE/RW / OCRWM official Williams, Mark H. / DOE-OCRWM / OCRWM official |
| Recipients | Biggs, Jo Ann / Hunton & Williams, LLP/ 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 Irwin, Donald / Hunton & Williams, LLP/ Attorney McRae, James B. / DOE - Office of General Counsel (OGC)/ Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC)/ Attorney Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |

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| Author Recipient Relationship | The authors, including a DOE OGC attorney, and the recipients, including attorneys from DOE's OGC and outside counsel, are project personnel supporting the YMP and are involved in preparing the license application and developing licensing strategy. |
| Purpose Of Document | The purpose of the emails is to provide attorney comments on the LA Risk Register for Docketing and the Additional Post-Docketing Risk Candidates and Other Issues document and for the client to provide some response and reaction regarding the risk register. |
| Confidentiality Statement | Marked Attorney Client Privilege Marked Attorney Work Product Prepared in Anticipation of Litigation 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) LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |

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| 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 |

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| | 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.20070515.7809 |
| LSN Accession Number | DN2002479112 |
| Doc Date | 20070323 |
| Title | ATTCTKT5 |
| Subject Matter Description | The document concerns BSC's support of DOE in the YM licensing proceeding. |
| Authors | Trillo, Sandra / BSC / M&O Contractor |
| Recipients | Beckman, Donald/ BSC/Beckman & Associates Cohose, Robert/BSC Feigenbaum, Ted/BSC/general manager Freeman, Patricia/ BSC/ Kacich, Richard/DOE Sproat, Edward F. III / DOE - OCRWM / Director Thornton, Linda /BSC/Attorney Trubatch, Sheldon/BSC/Attorney |
| Author Recipient Relationship | The document was prepared by the DOE M&O contractor. The document was sent to the DOE OCRWM director, and copies to YMP personnel who assisted in its preparation. |
| Purpose Of Document | The document provides BSC's recommendations on support activities for the YM licensing proceeding. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Predecisional Marked Deliberative Process 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-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); |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20070517.0429 |
| LSN Accession Number | DN2002470539 |
| Doc Date | 20070214 |
| Title | PRIVILEGED CONFIDENTIAL - Evaluation of FEPs |
| Subject Matter Description | R. Andrews is providing his information and analysis of excluded FEPs for counsel (J. Sweeney) |
| 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) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Williams, Mark / DOE - OCRWM / Licensing Director |
| Author Recipient Relationship | The author is a senior DOE M&O contractor personnel. The direct recipients are DOE counsel with a DOE official responsible for the subject matter of the communication. |
| Purpose Of Document | R. Andrews is providing his analysis of certain excluded FEP evaluations that are likely to be discussed in the SAR and other relevant information on these evaluations to assist DOE counsel in providing legal advice. |
| Confidentiality Statement | Marked Predecisional Deliberative Process 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 |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |

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| Other Privilege Types | ACP-client to attorney DPP; |
| Participant Accession No. | ALA.20070517.0876 |
| LSN Accession Number | DN2002469335 |
| Doc Date | 20070214 |
| Title | Fw: PRIVILEGED AND CONFIDENTIAL |
| Subject Matter Description | The subject matter of the email is a draft licensing strategy plan and matrices addressing docketing and licensing risks. |
| Authors | Kacich, Richard / DOE / OCRWM official Sproat, Edward / DOE - OCRWM / Director |
| Recipients | Bonano, Evaristo J./ Sandia National Laboratory / OCRWM contractor Feigenbaum, Ted / BSC / Manager Irwin, Donald/ Hunton & Williams, LLP/ Attorney McKinney, Thomas / BSC / M&O Contractor Neumayr, Mary / DOE / Attorney Tosetti, Richard / BSC / Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney Warther, Robert / DOE / LA Manager Williams, Mark / DOE / Licensing Director |
| Author Recipient Relationship | The author and recipients, including attorneys from DOE's OGC and outside counsel, work on the license application and overall licensing strategy. |
| Purpose Of Document | The purpose of the email is to provide comments on the draft licensing strategy plan and matrices addressing docketing and licensing risks. |
| Confidentiality Statement | 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 |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney DPP; |
| 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.20070520.0395 |
| LSN Accession Number | DN2002456323 |
| Doc Date | 20070301 |
| Title | FEPs_Peakdose_background_MAr2007 |
| Subject Matter Description | The document concerns the Requirement to not Reconsider FEPs Excluded on the Basis of their Insignificance or Low Probability During 10,000 Years, in connection with a draft revision to 40 CFR Part 197.36(a). |
| Authors | Andrews, Robert W./ BSC Repository Development - Conversion/ |
| 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) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Franklin, David / Naval Reactors / NNPP official |

Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager
 Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor
 Linhart, James G. / DOE - OCRWM /
 Rogers, Ralph D. / Sandia National Laboratory (SNL) /
 Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney
 Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition
 Physical Scientist

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| Author Recipient Relationship | The author is a YMP project personnel who was asked to prepare the subject document at counsel's request. The recipients are various DOE OGC attorneys who work on YMP matters and attorneys with DOE's outside licensing counsel for the YMP, plus YMP personnel who work on the subject matter of counsel's request. |
| Purpose Of Document | The document provides information to counsel, per counsel's request, to enable counsel to provide legal advice to DOE. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Client Communication 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-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20070520.0698 |
| LSN Accession Number | DN2002468847 |
| Doc Date | 20070307 |
| Title | YM-6558-v1-Irrigation Recycling Analysis Memorandum |
| Subject Matter Description | Legal analysis Recycling of Accumulated Radionuclides from Soils to Groundwater |
| Authors | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel. The recipients are other DOE counsel who work on the YMP. |
| Purpose Of Document | Provides legal advice regarding the basis for exclusion of irrigation recycling as a considered process of the Yucca Mountain Repository. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Predecisional Draft Marked Attorney Work Product Marked Attorney-Client Communication |
| Doc Type | EMAIL-ATT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20070520.1455 |
| LSN Accession Number | DN2002469993 |
| Doc Date | 20070301 |
| Title | Fw: PRIVILEGED CONFIDENTIAL - Request for additional information |
| Subject Matter Description | This email addresses the disposition status of FEP 1.2.07.03.0A |
| Authors | Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager |
| Recipients | Boyle, William J/ DOE - OCRWM Office of Repository Development/ DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney Rasmussen, Kirk D./ Hunton & Williams, LLP/ Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author and recipients, including attorneys, are project personnel supporting the YMP and work on the license application and developing licensing strategy. |
| Purpose Of Document | At the request of a licensing attorney, the author is investigating the disposition status of FEP 1.2.07.03.0A and is providing information on that topic for counsel. |
| Confidentiality Statement | Marked Attorney Client Communication 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. |

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| 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 |
| Participant Accession No. | ALA.20070520.1514 |
| LSN Accession Number | DN2002468886 |
| Doc Date | 20070306 |
| Title | Confidential Climate and BDCFs 3 5 07 |
| Subject Matter Description | This paper addresses FEPS, 10,000 year calculations, and biosphere dose conversion factors. |
| Authors | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Andrews, Robert W./ BSC Repository Development - Licensing & Nuclear Safety/ Boyle, William J/ DOE - OCRWM Office of Repository Development/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Swift, Peter N./ Sandia National Lab / OCRWM contractor Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Wade, Scott A./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/ Wasiolek, Maryla A./ BSC Repository Development - Conversion/ Williams, Mark / DOE - OCRWM / Licensing Director |
| Author Recipient Relationship | The author and recipients are project personnel supporting the YMP and involved in preparing the license application and developing licensing strategy. |
| Purpose Of Document | The purpose of the document, prepared at a licensing attorney's request, is present a recommendation on whether DOE should maintain a consistent set of FEPs, other than those specified by EPA to be changed for post 10,000 year calculations, or should DOE change the biosphere dose conversion factors for future climate states. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Attorney-Client Work Product Marked Deliberative 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-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20070520.2085 |
| LSN Accession Number | DN2002468776 |
| Doc Date | 20070302 |
| Title | Re: Confidential |
| Subject Matter Description | The document concerns the amount of information concerning FEPs to be included in the SAR. |
| Authors | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipient is a DOE OGC attorney too. |
| Purpose Of Document | The document conveys confidential advice of counsel on the referenced topic, that OGC proposes to provide OCRWM. |
| Confidentiality Statement | 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 |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070520.2148 |
| LSN Accession Number | DN2002461011 |

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| Doc Date | 20070301 |
| Title | Re: PRIVILEGED & CONFIDENTIAL; ATTORNEY-CLIENT COMMUNICATION; ATTORNEY WORK PRODUCT |
| Subject Matter Description | The document concerns the potential treatment of the FEPs database in the SAR. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are other DOE attorneys in the OGC and with DOE's outside licensing counsel. |
| Purpose Of Document | The document provides counsel's advice on the referenced topic, to respond to a request from OCRWM personnel. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product 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 |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| 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.20070531.1387 |
| LSN Accession Number | DN2002469569 |
| Doc Date | 20070117 |
| Title | Decision Paper-Burnup Credit Memo |
| Subject Matter Description | The document concerns an licensing strategy regarding the acquisition of sufficient data to allow use of burnup credit for transportation, storage and disposal of CSNF. |
| Authors | Williams, Mark H./DOE OCRWM/licensing director |
| Recipients | Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis Alsaed, A.A. / BSC /M&O Contractor Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Bonano, Evaristo J. / Sandia National Laboratory (SNL) / OCRWM contractor Borella, Edward / BSC / M&O Contractor Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Brady Rapp, M.C. / PNNL / OCRWM contractor / Davis, Shirley / DOE OCRWM / OCRWM employee Dei, Donald E. / Naval Reactors / NNPP official |

DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney
Dyer, Russel J. / DOE - OCRWM Office of the Chief Scientist / Lead
Feigenbaum, T.C./BSC/general manager
Fillmore, Robert M. / Hunton & Williams, LLP / Attorney
Golan, P.M./DOE OCRWM/deputy director
Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member
Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor
Howard, C.L. / Sandia National Laboratory / OCRWM Contractor
Irwin, Donald / Hunton & Williams, LLP / Attorney
Kacich, R.M./DOE OCRWM
Knox, Eric/DOE OCRWM/deputy director
Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director
Lanthrum, G.J./DOE OCRWM
Low, J.O./
McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs
McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs/ Attorney
Neumayr, Mary / DOE/Office of General Counsel/attorney /
Orrell, Andrew / Sandia National Laboratory (SNL) / OCRWM contractor
Parks, C.V./
Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney
Reynolds, Myles / Hunton & Williams, LLP / Attorney
Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member
Sproat, Edward F. III / DOE - OCRWM / Director
Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney
Thompson, J.M./
Wagoner, John / Oak Ridge National Laboratory / OCRWM contractor
Warther, Robert / DOE/RW / OCRWM official
Weber, Ellyn / Innovations / OCRWM contractor
Williams, J.R. / DOE OCRWM / OCRWM official

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| Author Recipient Relationship | The author is a senior DOE OCRWM official. The direct recipient (Sproat) is the director of OCRWM. The other recipients are DOE officials, DOE counsel and DOE contractor personnel who have responsibility for the subject matter of the document as part of the License Strategy Team. |
| Purpose Of Document | The document proposes a licensing strategy on the referenced document, for consideration by the OCRWM director and members of the Licensing Strategy Team. |
| 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 | 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) |

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| 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) |

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| 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) |

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| 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) |

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| 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) |

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| 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) |

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| 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) |

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| 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 Icluding 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 |

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| 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 Probability 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.20070604.2469 |
| LSN Accession Number | DN2002470996 |
| Doc Date | 20070418 |

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| Title | PRIVILEGED Referencing of cancelled documents that support the LA |
| Subject Matter Description | Referencing of canceled documents that support the LA |
| Authors | Trubatch, Sheldon/BSC/Attorney |
| Recipients | Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst |
| Author Recipient Relationship | The author is an attorney with DOE's M&O contractor for the YMP. The recipient is an M&O contractor personnel. |
| Purpose Of Document | The document provides legal analysis re the referencing of canceled documents that support 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 Attorney-Client Communication Marked Litigation Work Product Marked Privileged 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 |
| Participant Accession No. | ALA.20070711.3110 |
| LSN Accession Number | DN2002468836 |
| Doc Date | 20070507 |
| Title | Proposed Text - Attorney Client Communication, Privileged & Confidential |
| Subject Matter Description | Proposed advice from DOE OGC to the project related to igneous criticality. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author and sole recipients are DOE Office of General Counsel attorneys who work on Yucca Mountain Project matters. |
| Purpose Of Document | The purpose of the email is to solicit from other DOE OGC attorneys input on the proposed legal advice to the project regarding igneous criticality. |
| Confidentiality Statement | Marked Attorney Client Communication 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 |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20070711.3214 |
| LSN Accession Number | DN2002469409 |
| Doc Date | 20070507 |
| Title | Fw: Attorney-Client Communication, Privileged & Confidential |
| Subject Matter Description | The subject matter of the email is the igneous/criticality decision paper. |
| Authors | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager |
| Recipients | Adams, Pamela/ BSC Repository Development - License Application/ Boyle, William J/ DOE - OCRWM Office of Repository Development/ Brown, Neil R./ BSC Repository Development - Analysis and Component Design/ Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist McRae, James B./ DOE - Office of General Counsel (OGC)/ Attorney Orrell, Andrew / Sandia National Laboratory (SNL) / Team Member Pendleton, Martha W. / BSC Repository Development - Regulatory Compliance / BSC Principal Engineer I Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management |
| Author Recipient Relationship | The author and recipients, including attorneys, support the YMP and work on the license application. |
| Purpose Of Document | The purpose of the email is to provide the legal team's position on the igneous/criticality decision paper. |
| Confidentiality Statement | Marked Attorney Client Communication |

Marked Privileged and Confidential
Marked LSN: Relevant - Privileged
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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

Participant Accession No. **ALA.20070711.4448**
LSN Accession Number **DN2002469918**
Doc Date **20070515**

Title **Re: Privileged: Action Items from May 9th LST Meeting related to the Decision Paper for Crit Eval following an Intrusive Event**
Subject Matter Description **Re: Privileged: Action Items from May 9th Licensing Strategy Team Meeting related to the Decision Paper for Crit Eval following an Intrusive Event**

Authors **Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager**
Recipients **Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager**
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DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney
Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director
Fillmore, Robert M. / Hunton & Williams, LLP / Attorney
Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer
Franklin, David / DOE NNPP /
Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member
Howard, Cliff / Sandia National Laboratory / OCRWM Contractor
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Pendleton, Martha W. / BSC Repository Development - Regulatory Compliance / BSC Principal Engineer I
Prouty, Jeralyn L./ BSC Repository Development - Subcontractor Department/
Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney
Reynolds, Myles / Hunton & Williams, LLP / Attorney
Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I
Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member
Scaglione, John / SNL /
Sevougian, David / BSC Repository Development - Management & Operations / He may have been employed by Duke Engineering and Services and Framatome ANP DE&S; email: David-Sevougian@Notes .ymp.gov; telephone: 702-295-6273 Performance Assessment Operations Senior Analyst and Technical Expert
Smistad, Eric / DOE / OCRWM Official
Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney
Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management
Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist

Author Recipient Relationship **The author and recipients are Yucca Mountain Project personnel, including attorneys for DOE OGC and DOE's outside counsel, who have responsibility for the draft document and the licensing position that are the subjects of the author's comments and recommendations.**

Purpose Of Document **The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision.**

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LWP-other (OPINION)
Other Privilege Types **ACP-client to attorney**

Participant Accession No. **ALA.20070711.5265**

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| LSN Accession Number | DN2002469667 |
| Doc Date | 20070515 |
| Title | Re: Privileged: Action Items from May 9th LST Meeting related to the Decision Paper for Crit Eval following an Intrusive Event |
| Subject Matter Description | Re: Privileged: Action Items from May 9th Licensing Strategy Team Meeting related to the Decision Paper for Crit Eval following an Intrusive Event |
| 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 Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Fish, Robert / MTS - Post Closure Safety Analysis / Booze Allen Hamilton (BAH) Mechanical Engineer Franklin, David / DOE NNPP / Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member Howard, Cliff / Sandia National Laboratory / OCRWM Contractor Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Nieder-Westermann, Gerald H. / BSC Repository Development - Performance Assessment / BSC Senior Science Specialist Pendleton, Martha W. / BSC Repository Development - Regulatory Compliance / BSC Principal Engineer I Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Scaglione, John / SNL / Sevougian, David / BSC Repository Development - Management & Operations / Smistad, Eric / DOE / OCRWM Official Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist |
| Author Recipient Relationship | The author and recipients are Yucca Mountain Project personnel, including attorneys for DOE OGC and DOE's outside counsel, who have responsibility for the draft document and the licensing position that are the subjects of the author's comments and recommendations. |
| Purpose Of Document | Re: Privileged: Action Items from May 9th LST Meeting related to the Decision Paper for Crit Eval following an Intrusive Event The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision and for which legal counsel is thought. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Privileged 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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| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20070711.6088 |
| LSN Accession Number | DN2002463429 |
| Doc Date | 20070518 |
| Title | Fw: DRAFT -- MTHM - Privileged |
| Subject Matter Description | The document concerns a draft licensing position paper that DOE counsel was preparing concerning the appropriate time reference for MTHM, i.e., at the time of initial loading versus at the end of life. |
| Authors | Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist |
| Recipients | Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Bonano, Evaristo J. (Tito) / Sandia National Laboratory (SNL) / OCRWM contractor Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |

Franklin, David / DOE NNPP /
 Freeze, Geoffrey A. / Sandia National Laboratory (SNL) Technical/Scientific Staff
 Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer
 Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor
 Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney
 Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager
 Irwin, Donald / Hunton & Williams, LLP / Attorney
 Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer
 Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor
 Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director
 Linhart, James G. / DOE - OCRWM /
 Sevougian, David / BSC Repository Development - Management & Operations / He may have been employed by Duke Engineering and Services and Framatome ANP DE&S; Performance Assessment Operations Senior Analyst and Technical Expert
 Shrader, Todd / DOE / OCRWM Official
 Vaughn, Palmer / DOE /
 Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director

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| Author Recipient Relationship | The author is a YMP official who works in the subject area of counsel's request. The direct recipient, George Hellstrom, is an DOE OGC attorney who works on YMP matters. The other recipients are other attorneys with the DOE OGC and DOE's outside licensing counsel, plus senior YMP personnel. |
| Purpose Of Document | The document responds to a request from counsel for the author to review counsel's draft and provide information to assist counsel's preparation of the position paper. |
| Confidentiality Statement | Marked Privileged Marked Attorney Client Privileged Marked Attorney Work Product 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. |
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| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20070711.6417 |
| LSN Accession Number | DN2002479037 |
| Doc Date | 20070524 |
| Title | GONZALESL_Subsurface Design and Waste Package CDR_Rev 01_with_signatures |
| Subject Matter Description | This document is a draft of the Conceptual Design Report for the Subsurface Design and Waste Package sections of the draft LA/SAR |
| Authors | Bailey, Jack/ BSC Repository Development - Licensing Defense/ Gonzales, Lou/ BSC Repository Development - Design and Engineering/ Saldarini, James/ BSC/LA Project Manager Warther, Robert/ DOE/RW/Federal LA Project Director |
| Recipients | Bailey, Jack/ BSC Repository Development - Licensing Defense/ 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 over the development of this version of the CDR. |
| Purpose Of Document | The purpose of this document is to analyze the licensing approach, identify changes from the previous draft of the LA/SAR, discuss possible changes to the current drafts, and recommends and analyzes revisions that should be made to the draft LA/SAR. This document also contains L. Gonzales' revisions to this version of the CDR for Subsurface Design and Waste Packages. |
| 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-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20070711.7273 |
| LSN Accession Number | DN2002479151 |
| Doc Date | 20070530 |
| Title | Subsurface Design and Waste Package CDR_Rev 02a_LG |
| Subject Matter Description | This is the Conceptual Design Report for the Subsurface Design and Waste Package sections of the LA/SAR. |
| Authors | Bailey, Jack/ BSC Repository Development - Licensing Defense/ |

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| | Gonzales, Lou/ BSC Repository Development - Design and Engineering/ Saldarini, James/ BSC/LA Project Manager Warther, Robert/ DOE/RW/Federal LA Project Director |
| Recipients | Bailey, Jack/ BSC Repository Development - Licensing Defense/ 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 over the development of this draft document. |
| Purpose Of Document | This document analyzes the licensing approach, identifies changes from the previous versions of the draft LA/SAR, discusses possible changes to the current draft, and recommends and analyzes revisions that should be made to the draft. It also contains revisions that L. Gonzales has made to this version of the LA CDR. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20070711.7288 |
| LSN Accession Number | DN2002457679 |
| Doc Date | 20070529 |
| Title | LL Licensing Management Review of SAR Issues Identified in Minutes Provided on May 16, 2007 |
| Subject Matter Description | The document concerns the regulatory argument supporting the use of present day climate conditions in the calculation of constant BDCF's for the period of geologic stability. |
| Authors | Burford, Jerry / Sandia / |
| Recipients | 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. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst Price, Laura/ Sandia National Laboratory (SNL) / OCRWM contractor Raleigh, James J. / BSC Repository Development - Regulatory Coordination Group / JK Research Associates (JKRA) Principal Regulatory Analyst 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 Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of discussion. |
| Purpose Of Document | The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| 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 licening-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 |

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| | 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 OOU 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. |
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| 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. |
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| Participant Accession No. | ALA.20070803.0915 |
| LSN Accession Number | DN2002470445 |
| Doc Date | 20070511 |
| Title | Re: BDFS for future climates |
| Subject Matter Description | The subject matter is the approach for TSPA regarding biosphere dose conversion factors for future climates |
| Authors | Swift, Peter N. / Sandia National Laboratory (SNL) / OCRWM contractor Wasiolek, Maryla A. / Sandia National Laboratory (SNL) / OCRWM contractor |
| Recipients | Goldstein, Barry / Sandia National Laboratory (SNL) / OCRWM contractor Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor McNeish, Jerry A. / Sandia National Laboratory (SNL) / OCRWM contractor Sevougian, David / Sandia National Laboratory (SNL) / OCRWM contractor Swift, Peter N. / Sandia National Laboratory (SNL) / OCRWM contractor Thom, Charles / Sandia National Laboratory (SNL) / OCRWM contractor Vaughn, Palmer / Sandia National Laboratory (SNL) / OCRWM contractor |
| Author Recipient Relationship | The authors and recipients are DOE OCRWM personnel and other Yucca Mountain Project personnel who have responsibility for the TSPA and the biosphere model report, which were the subject of counsel's advice discussed within the body of the email. |
| Purpose Of Document | The purpose of the document is to discuss and confirm the TSPA approach based on discussions with technical staff and legal counsel. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Privileged |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20070822.1365 |

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| LSN Accession Number | DN2002463781 |
| Doc Date | 20051109 |
| Title | PRIVILEGED & CONFIDENTIAL - Questions |
| Subject Matter Description | The document concerns a draft licensing position paper regarding the availability of preclosure information at LA submittal. |
| Authors | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) / OCRWM contractor Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / Senior Project Manager Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Pannell, George / BSC Repository Development - Regulatory Programs / Beckman & Associates (B&A) or (BAA) Engineer I Pendleton, Martha W. / BSC Repository Development - Licensing & Compliance / Principal Engineer I Saldarini, James / BSC / Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Principal Engineer |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are other attorneys with the DOE OGC and 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 | To convey comments and advice of counsel regarding draft licensing position paper. |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070823.0428 |
| LSN Accession Number | DN2002458822 |
| Doc Date | 20070531 |
| Title | Final TAD Comment Sheet GC-52 |
| Subject Matter Description | The document concerns the draft Transportation, Aging and Disposal Canister System Performance Specification Requirements Rationale |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Dyer, J. Russell / DOE - OCRWM Office of Repository Development / OCRWM official Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / OCRWM official Popa, Markus A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / General Engineer Terrell, Bertha M. / DOE - OCRWM / Regulatory Interactions and Strategy Division Group Member |
| Author Recipient Relationship | The author is an DOE OGC attorney who works on YMP matters. The recipients are DOE OCRWM personnel who are responsible for the draft document that was the subject of counsel's advice. |
| 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. |
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| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| 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 | Abernathy, Larry / BSC / Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) Campbell, Christopher/ BSC Repository Development - KTI Completion Team/ Cooper, Jerry / MTS Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer / OCRWM contractor |

Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney
Hitchler, Michael / MTS
Hogg, Robert / MTS
Jackson, Ronald / MTS
Linden, Ronald / MTS - Post Closure Safety Analysis / Golder Associates Geological/Mining Engineer / OCRWM contractor
Mallay, James / MTS
Murphy, Edward / MTS
Niebruegga, David / MTS
Sequeira, Gary / MTS - Engineering & Design & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Systems Engineer / OCRWM contractor

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| 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. |
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| Other Privilege Types | ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice |

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| 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 | Bradbury, Robert/ MTS - Licensing / OCRWM contractor Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis / OCRWM contractor Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Hobbs, Sam/ BSC Repository Development - Program Integration/ Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis / OCRWM contractor |

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| 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 | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication 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-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |

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| Participant Accession No. | ALA.20070823.6220 |
| LSN Accession Number | DN2002458170 |
| Doc Date | 20070627 |
| Title | Attorney-Client Communication, Privileged & Confidential |
| Subject Matter Description | The document concerns the treatment of barriers ITWI in the QARD versus the draft SAR. |
| Authors | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipient is a YMP personnel. |
| Purpose Of Document | The document relates a request of counsel for information to enable counsel to provide legal advice to DOE on the referenced subject matter. |

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| Doc Type | EMAIL |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070828.0552 |
| LSN Accession Number | DN2002464397 |
| Doc Date | 20051109 |
| Title | PRIVILEGED & CONFIDENTIAL - Questions |
| Subject Matter Description | The document concerns a draft licensing position paper concerning preclosure information available at LA submission. |
| Authors | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) / OCRWM contractor Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Saldarini, James / BSC / Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Principal Engineer |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are YMP personnel who have responsibility for the draft document that is the subject of counsel's advice, as well as other attorneys with DOE OGC and DOE's outside licensing counsel. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
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| Other Privilege Types | ACP-attorney to client |
| 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) |

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| 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.20070829.2117 |
| LSN Accession Number | DN2002470822 |
| Doc Date | 20070727 |
| Title | Re: Emailing: nv070604klein |
| Subject Matter Description | The subject matter of the email is the opinion of legal counsel on the requirement of Part 63 relative to operating plans for the repository. |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs / Attorney Neumayr, Mary / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Crosland, Martha / / DOE OGC Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs / Attorney Neumayr, Mary / DOE OGC Attorney |
| Author Recipient Relationship | The author and recipients are DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. |
| Purpose Of Document | To seek and discuss legal advice on the stated subject matter. |
| Confidentiality Statement | Marked LSN: Not Relevant - Privileged This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| 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 |

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| 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.20070831.0972 |
| LSN Accession Number | DN2002470329 |
| Doc Date | 20040623 |
| Title | PATH FORWARD ON 10CFR21.DOC |
| Subject Matter Description | Application of 10 CFR 21 to NNPP contractors |
| Authors | Putzu, Frank A. / Department of the Navy - Naval Sea Systems Command / Attorney |
| Recipients | Beckett, Thomas H. / Naval Reactors / Deputy Director Curtis, David I. / Naval Reactors / NNPP official Dei, Donald E. / Naval Reactors / Denko, Alan R. // NNPP Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Hardin, Michael G. / Naval Reactors / NNPP official Harman, Jason M. / Naval Reactors / NNPP official Kauffman, Storm R. / Naval Reactors / NNPP official Kuprenas, Michael A. / Naval Reactors / NNPP official McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command / Snider, Eric S. / Naval Reactors / NNPP official Trautman, Stephen J. / Naval Reactors / NNPP official Woodberry, Robert A. / Naval Reactors / NNPP official |
| Author Recipient Relationship | The author is an attorney with NNPP and the recipients are NNPP and NNPP contractor personnel with responsibility for implementing counsel's legal advice and recommendation. |
| Purpose Of Document | This document provides legal advice and analysis concerning the meaning of 10 CFR Part 21 and NNPP compliance with that regulation and contains the author's recommendation and advice on addressing and demonstrating compliance with the regulation. |
| Confidentiality Statement | Marked Deliberative Process This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | E-MAIL W/ ATTACHMENT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALA.20070905.4912 |
| LSN Accession Number | DN2002470269 |
| Doc Date | 20061118 |
| Title | RWAcomments on FEPs 11 15 06 |
| Subject Matter Description | Memorandum created by Bob Andrews regarding the impact of the EPA's final rules on the FEP analysis. This memorandum was provided to counsel, and prepared at the request of counsel. |
| Authors | Andrews, Robert W./ BSC Repository Development - Conversion/ |
| Recipients | Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs Neumayr, Mary / DOE / Attorney Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / |

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| | Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager |
| Author Recipient Relationship | The author is a DOE M&O contractor personnel. The recipients are DOE counsel, DOE officials, Sandia personnel and DOE M&O contractor personnel with responsibility for the subject matter of the communication. |
| Purpose Of Document | This document was created to provide DOE's Office of General Counsel with information in order for counsel to provide legal advice regarding the EPA's final regulations. |
| Confidentiality Statement | Marked Confidential Marked Attorney-Client Privilege Marked For Internal Use Only- Do Not Cite or Quote 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 (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20070906.0368 |
| LSN Accession Number | DN2002469555 |
| Doc Date | 20060203 |
| Title | PRIVILEGED - CONFIDENTIAL - - ATTORNEY - CLIENT COMMUNICATION - - Vulnerability Assessment |
| Subject Matter Description | Vulnerability Assessment Prepared at the Request of Counsel identifying areas that are potentially relevant for future discussion related to potential contentions regarding post-closure period |
| Authors | Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager |
| Recipients | Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kacich, Richard / / Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management Trubatch, Sheldon/BSC/Attorney Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager Williams, Mark H. / DOE / Licensing Director |
| Author Recipient Relationship | The author is a senior DOE M&O contractor personnel. The recipients are DOE counsel and DOE personnel and DOE contractor personnel with responsibility for the subject matter of the communication. |
| Purpose Of Document | The document provides confidential information, at the request of counsel, to DOE's OGC and to its outside attorneys for the purpose of obtaining legal advice. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client Communication This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| 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) |

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| 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.20070910.0317 |
| LSN Accession Number | DN2002470358 |
| Doc Date | 20070322 |
| Title | CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM (CRWMS) MASTER RISK REGISTER |
| Subject Matter Description | Document identifies and analyzes risks in licensing proceedings and provides litigation strategy and recommended courses of action regarding same. |
| Authors | Harbert, Kevin Various YMP Personnel |
| Recipients | OCRWM Licensing Manager |
| Author Recipient Relationship | The authors and recipients are YMP personnel tasked with making strategy recommendations regarding positions taken in the licensing proceedings. |
| Purpose Of Document | The purpose of the document is to identify and analyze potential risks involved regarding positions taken in the licensing proceedings in an effort to prepare a mitigation strategy regarding same. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Deliberative Process 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 |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| 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) |

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| Participant Accession No. | ALA.20070912.1114 |
| LSN Accession Number | DN2002469948 |
| Doc Date | XXXXXXXX |
| Title | WHITE PAPER PRECLOSURE CRITICALITY EVALUATIONS USE OF PROBABILISTIC TECHNIQUES |
| Subject Matter Description | The subject matter of the white paper is the use of probabilistic techniques for preclosure criticality evaluations |
| Authors | Bettis / NNPP contractor |
| Recipients | Andes, John A. / Bettis - Pittsburgh Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Benson, Carl J. / Bettis - Environmental, Safety, and Health / Carey, Andy M. / Knolls Atomic Power Laboratory / Manager Dei, Donald E. / Naval Reactors / Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gideon, Willard / Knolls - Advanced Reactors Nuclear Design / Advisory Engineer Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis Holden, Gregory F. / Naval Reactors / Hunter, Melissa A. / Bettis - Safety Assessments / Manager Lawson, Donald L. / Bettis - Mechanical, Electrical, and Reactor Activities / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis Nanko, Laura / Bettis - Pittsburgh Naval Reactors / Rath, Dean J. / Bettis - MDP / Schramm, Bruce J. / Bettis - Environmental, Safety, and Health / Manager Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis Willis, Clarence R. / Bettis - Nuclear Engineering / Manager |
| Author Recipient Relationship | The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters. |
| Purpose Of Document | The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision, which position will affect the structure of SAF section 1.14. |
| Confidentiality Statement | Marked Litigation Work Product |
| Doc Type | REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20070912.1139 |
| LSN Accession Number | DN2002469347 |
| Doc Date | 200609XX |
| Title | OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT COMMENT SHEET YUCCA MOUNTAIN LICENSING STRATEGY YMP/02-01 REV. 2 (09/XX/2006) |
| Subject Matter Description | Comments from David Franklin of the Naval Nuclear Propulsion Program on the Project's Licensing Strategy memorandum. These comments relate to positions and strategy that the Project is expected to take in the high-level waste proceeding. |
| Authors | Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager |
| Recipients | Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Holden, Gregory F. / Naval Reactors / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis Twarowska, Stasia D. / Bettis - Environmental, Safety, and Health / |
| Author Recipient Relationship | The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters. |
| 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 Privileged and Confidential Marked Predecisional Marked Litigation Work Product Marked Deliberative Process |
| Doc Type | FORM LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20070912.1165 |
| LSN Accession Number | DN2002470557 |
| Doc Date | 20070327 |

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| Title | WASTE PACKAGES ON FAULTS IN REPOSITORY |
| Subject Matter Description | The email addresses a teleconference on a white paper prepared to discuss waste packages on faults in the repository. |
| Authors | Angerhofer, Todd E. / Naval Reactors / |
| Recipients | Atherton, Stephen R. / / Dei, Donald E. / Naval Reactors / Gisch, Robert G. / Naval Reactors, Regulatory Affairs / Naval Spent Fuel Program Manager Holden, Gregory F. / Naval Reactors / Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command / Roberts, Thomas E. / / |
| Author Recipient Relationship | The author and recipients are NNPP personnel supporting the YMP with responsibility for helping to develop licensing strategy and positions. |
| Purpose Of Document | The purpose of the document is to provide comments and recommendations on a draft licensing position regarding waste packages on faults in the repository. |
| Confidentiality Statement | Marked Litigation Work Product Marked Privileged |
| Doc Type | E-MAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| 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 |

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| 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)

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| Participant Accession No. | ALA.20070914.0105 |
| LSN Accession Number | DN2002469494 |
| Doc Date | 20070215 |
| Title | CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM (CRWMS) MASTER RISK REGISTER |
| Subject Matter Description | This matrix identifies licensing risks. |
| Authors | Harbert, Kevin / / Various Project Personnel |
| Recipients | OCRWM Licensing Management |
| Author Recipient Relationship | The authors and recipients are project personnel supporting the YMP with licensing responsibility. |
| Purpose Of Document | The purpose of the matrix is to identify licensing risks, evaluate the risk, and identify possible responses to the risks. |
| 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 | DATA PACKAGE |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |

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| 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) |

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| 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) |

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| 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) |

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| 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 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) |

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| 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) |

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| 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) |

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| 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) |

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| 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) |

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| Participant Accession No. | ALA.20070914.0415 |
| LSN Accession Number | DN2002479129 |

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| 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 INTERNAL 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 |

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| | 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.20070914.0616 |
| LSN Accession Number | DN2002479257 |
| Doc Date | 20070329 |
| Title | OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT SPECIAL INSTRUCTION SHEET PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET FOR MDL-NBS-HS-000003 REV 02 ACN 01 "CALIBRATED PROPERTIES MODEL" |
| Subject Matter Description | CALIBRATED PROPERTIES MODEL |
| Authors | Nichols, William E. / / |
| Recipients | Licensing Defensibility Team |
| Author Recipient Relationship | The authors and recipients are DOE employees and contractors responsible for the calibrated properties model section of the draft LA and for identification and assessment of the licensing vulnerabilities of the subject section. |
| Purpose Of Document | The purpose of the document is to identify comments and issues associated with a draft LA section addressing the calibrated properties model as well as associated recommendations for or responses to the identified comments and issues. |
| Confidentiality Statement | Marked Official Use Only Marked Privileged and Confidential Marked Litigation Work Product Access restricted on the YMP Records Information System |
| Doc Type | PACKAGE REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| 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. |

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| 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 |

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| 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.20070918.0144 |
| LSN Accession Number | DN2002469854 |
| Doc Date | 20050714 |
| Title | TUESDAY, 01/27/2004, 12:06 PM EMAIL FROM CARL J. BENSON TO DONALD DEI, SUBJECT: RE REVISED SUMMARY (U) (U) |
| Subject Matter Description | The document concerns the email referenced in the title. |
| Authors | Leonardi, Kenneth J. / Bechtel Bettis / Legal Counsel |
| Recipients | File |
| Author Recipient Relationship | The author is an attorney for an NNPP contractor who works on YMP matters. The document is a memorandum to the file that records his privileged conversation with NNPP employee Carl Benson and his mental impressions on that conversation. |
| Purpose Of Document | The document is a memo to the file that records a privileged conversation between an employee of NNPP and legal counsel and records his mental impressions on the conversation. |
| Confidentiality Statement | Marked Privileged - Attorney Client Communication 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 | CORRESPONDENCE |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |
| 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.20070918.0495 |
| LSN Accession Number | DN2002469732 |
| Doc Date | 20070313 |
| Title | MTHM |
| Subject Matter Description | The document concerns whether the classification of MTHM is based on initial conditions of the fuel or on out of reactor conditions. |
| Authors | Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney |

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| | Stockman, Christine/Naval Reactors |
| Recipients | Andes, John A. / Bettis - Pittsburgh Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Blink, James / Lawrence Livermore National Laboratory (LLNL) Engineer Dei, Donald E. / Naval Reactors / Ferris, David / DOE-OCRWM / Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Gomberg, Steve/ DOE - OCRWM Office of Waste Management/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Holden, Gregory F. / Naval Reactors / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis Nanko, Laura / Bettis - Pittsburgh Naval Reactors / Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command / Sevougian, David/ BSC Repository Development - Management & Operations/ Stockman, Christine /Naval Reactors |
| Author Recipient Relationship | The document is an email exchange that involves as authors a DOE OGC attorney who works on YMP matters and two DOE Naval Reactor personnel. The other persons copied on the exchange are YMP personnel with responsibility for the subject matter of the exchange. |
| Purpose Of Document | The document is a request by counsel (Hellstrom) for information to assist him in developing a licensing position for DOE, and then subsequent exchanges provided the requested information to answer counsel's questions. |
| 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 | E-MAIL |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070918.0513 |
| LSN Accession Number | DN2002470217 |
| Doc Date | 20070601 |
| Title | PRIVILEGED DECISION PAPER ON ALLY 22 |
| Subject Matter Description | Email discussion among NR personnel Decision Paper on Alloy 22 and NR's views of DOE's current position in the license application with respect to Ally 22 composition ranges. |
| Authors | Dei, Donald E. / Naval Reactors / Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer |
| Recipients | Andes, John A. / Bettis - Pittsburgh Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer Carey, Andy M. / Knolls Atomic Power Laboratory / Manager Dei, Donald E. / Naval Reactors / Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Feigenbaum, Ted / BSC / Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Holden, Gregory F. / Naval Reactors / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Nanko, Laura / Bettis - Pittsburgh Naval Reactors / Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command / Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer |

Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member

Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis

Ward, John / /

Williams, Mark H. / DOE /

Willis, Clarence R. / Bettis - Nuclear Engineering / Manager

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| Author Recipient Relationship | NR personnel R. Gisch is providing information to his supervisor about the NR's proposed path forward on this issue. |
| Purpose Of Document | This email proposes an alternative to the current DOE approach that NR would like to see implemented concerning Alloy 22 composition ranges, and it also discloses a draft position that DOE will take in its license application. |
| Confidentiality Statement | Marked Privileged Marked LSN: Relevant - Privileged 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) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALA.20070918.0543 |
| LSN Accession Number | DN2002469460 |
| Doc Date | 20050714 |
| Title | WEDNESDAY 05/12/2004 11:43:20-0400 EMAIL FROM W. C. SCHICK TO CAREYAN@WKS.BETTIS.GOV, ET. AL., DIMENSION FOR GEOMETRIC ABSTRACTION |
| Subject Matter Description | Confidential memorandum to file prepared by YMP attorney reflecting information obtained via privileged communication between attorney and client |
| Authors | Leonardi, Kenneth J. / Bechtel Bettis, Inc. / Legal Counsel / Attorney |
| Author Recipient Relationship | The author is a project attorney for DOE's M&O subcontractor for the Yucca Mountain Project. |
| Purpose Of Document | The document was prepared to memorialize confidential information obtained during the course of privileged meeting between YMP attorney and client. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged |
| Doc Type | CORRESPONDENCE |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALA.20070928.2208 |
| LSN Accession Number | DN2002481300 |
| Doc Date | 20070817 |
| Title | FEPs Exclusions (Group 1)[1]_BSCcomment |
| Subject Matter Description | The document concerns the draft FEPs exclusion analysis |
| Authors | BSC |
| Recipients | Axness, Carl / / BSC Benson, Carl J. / Bettis - Environmental, Safety, and Health / NNPP contractor 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 Dyer, J. Russell / DOE - OCRWM Office of Repository Development / Acting Deputy Director Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager / NNPP official Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager / OCRWM contractor Kell, Patty / SNL / OCRWM contractor Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Linhart, James G. / DOE - OCRWM / OCRWM official Nieder-Westermann, Gerald H. / BSC Repository Development - Performance Assessment / BSC Senior Science Specialist / OCRWM contractor Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I / OCRWM contractor Spencer, Robert H. / DOE / OCRWM official Stock, Dennis C. / Bettis - Environmental, Safety, and Health / Senior Engineer, Spent Fuel Analysis / OCRWM contractor Twarowska, Stasia D. / Bettis - Environmental, Safety, and Health / OCRWM contractor Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist |
| Author Recipient Relationship | The author is a DOE M&O contract personnel. The recipients are counsel for DOE and other YMP personnel with |

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| | responsibility for the subject matter. |
| Purpose Of Document | The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision. |
| Confidentiality Statement | 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) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALA.20071001.0056 |
| LSN Accession Number | DN2002481364 |
| Doc Date | 20070808 |
| Title | PRIVILEGED Draft - NRC Communications Protocol |
| Subject Matter Description | NRC Communications Protocol |
| Authors | Trubatch, Sheldon / BSC / Attorney / OCRWM contractor |
| Recipients | Howard, Danny / BSC / OCRWM contractor |
| Author Recipient Relationship | The author is an attorney with DOE's M&O contractor for the YMP. The recipient is an M&O contractor personnel. |
| Purpose Of Document | Provide attorney advice and comments on the onsite communication protocol. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Client Communication 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| 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)

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| 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) |

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| 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) |

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| 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); |

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| Participant Accession No. | ALA.20071001.1195 |
| LSN Accession Number | DN2002481343 |

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| Doc Date | 20070802 |
| Title | RE: Attorney-Client Communication, Privileged & Confidential |
| Subject Matter Description | Email between DOE OGC attorneys containing confidential legal advice and strategy regarding technical exchanges with the NRC. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Neumayr, Mary / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs / Attorney Neumayr, Mary / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The authors and recipients are DOE Office of General Counsel attorneys who work on Yucca Mountain Project matters. |
| Purpose Of Document | The document provides DOE OGC attorneys' opinions and advice regarding technical exchanges with NRC during licensing proceedings. |
| Confidentiality Statement | Marked Attorney Client Communication 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice |
| Participant Accession No. | ALA.20071001.3619 |
| LSN Accession Number | DN2002481334 |
| Doc Date | 20070827 |
| Title | FEPs Exclusions (Group 2) - HW Cmts |
| Subject Matter Description | Comments from DOE OGC counsel and outside counsel, Hunton & Williams, regarding excluded FEPs exclusion analysis. |
| Authors | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney Rasmussen, Kirk D./ Hunton & Williams, LLP/ Attorney Reynolds, Myles/ Hunton & Williams, LLP/ Attorney |
| Recipients | Andrews, Robert W./ BSC Repository Development - Conversion/ OCRWM contractor Axness, Carl / BSC / OCRWM contractor Boyle, William J/ DOE - OCRWM Office of Repository Development/ OCRWM official Dyer, J. Russell / DOE - OCRWM Office of Repository Development/ OCRWM official Franklin, David/ Navy Reactors/ NNPP Official Howard, Robert L./ BSC Repository Development - Licensing Defense/ OCRWM contractor Kell, Patty/ SNL/ OCRWM contractor Kelly, Valerie / BSC / OCRWM contractor Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Linhart, James G./ DOE - OCRWM/ OCRWM official Rogers, Ralph D./ BSC Repository Development - Performance Assessment Strategy and Scope/ OCRWM contractor Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ OCRWM official |
| Author Recipient Relationship | The authors are outside counsel (Hunton & Williams) and a DOE OGC attorney who work on YMP matters. The recipients are YMP personnel with responsibility for the document that is the subject of counsel's advice. |
| Purpose Of Document | The document provides confidential legal advice on the FEPs that have been selected for exclusion for the Yucca Mountain Project's licensing case, 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. |
| 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. | ALB.20040621.0293 |
| LSN Accession Number | DN2002330458 |
| Doc Date | 20040218 |
| Title | IH field notes |
| Subject Matter Description | This email conveys a retained expert's report on industrial hygiene issues to counsel, discusses the background to his retention, and requests direction on how to proceed |

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| Authors | Brounstein, Robert A. / BSC Repository Development - Safety & Health / BSC Program Industrial Hygienist |
| Recipients | Halliday, Jeff / BSC / Attorney Leweling, Henry P. / BSC Repository Development - Safety & Health / BSC Environmental Safety/Health Sullivan, Michael T. / BSC Repository Development - Environmental, Safety & Health / BSC ES&H Services Manager |
| Author Recipient Relationship | The author is a senior DOE MTO contractor personnel. The direct recipient was in-house counsel at the contractor, plus other contractor personnel with responsibility for the subject matter of the communication. |
| Purpose Of Document | February 18, 2004 correspondence from Robert Brounstein (DOE) to attorney Jeff Halliday requesting legal advice on how to take next step in investigating former DOE employee's actions. Note that email also attaches results of review of field notes conducted at direction of attorneys |
| Confidentiality Statement | This email was drafted by authorized user on secure email system and transmitted to other authorized users on same secure email system This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALB.20040621.1932 |
| LSN Accession Number | DEN001564450 |
| Doc Date | 20040218 |
| Title | 02_18_04 Review of IH Field Notes |
| Subject Matter Description | Confidential account of review of field industrial hygiene reports |
| Authors | Brounstein, Robert A. / BSC Repository Development - Safety & Health / BSC Program Industrial Hygienist / OCRWM contractor |
| Recipients | Halliday, Jeff/ BSC/ Attorney / OCRWM contractor Leweling, Henry P. / BSC Repository Development - Safety & Health / BSC Environmental Safety/Health / OCRWM contractor Sullivan, Michael T. / BSC Repository Development - Environmental, Safety & Health / BSC ES&H Services Manager / OCRWM contractor |
| Author Recipient Relationship | The author is a senior DOE M&O contractor personnel. The direct recipient was in-house counsel at the contractor, with copy to other contractor personnel with responsibility for the subject matter of the communication. |
| Purpose Of Document | This document is a February 18, 2004 internal memorandum written by Robert Brounstein detailing his expert opinions and impressions from his investigation of former employee's field reports. Note that investigation was undertaken at direction of counsel. |
| Confidentiality Statement | This report was included as an attachment to an email drafted by an authorized user of a secure email system and transmitted to other authorized users of same secure email system. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALB.20040621.6930 |
| LSN Accession Number | DN2002481348 |
| Doc Date | 20040303 |
| Title | Re: Licensing comments on SAR Section 1.4.1.1 Draft B |
| Subject Matter Description | This email conveys Augusto Zoleta's comments and recommended changes to SAR section 1.4.1.1 (Electric Power). |
| Authors | McDonnell, Thomas / DOE-OCRWM / OCRWM official |
| Recipients | Dokuzoguz, Halit / DOE-CRWMS / OCRWM official Honaker, Raymond / DOE-CRWMS / OCRWM official Meszaros, Christine / DOE-CRWMS / OCRWM official Minwalla, Homi J. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist / OCRWM contractor |
| Author Recipient Relationship | The author and recipients are YMP who are responsible for the draft LA section. |
| Purpose Of Document | The purpose of this document is to transmit and convey the author's comments and analysis on the draft SAR section. |
| 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 | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040621.9317 |
| LSN Accession Number | DN2002333948 |

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| Doc Date | 20040310 |
| Title | lr_sar_1411jbmcomments |
| Subject Matter Description | The document concerns the proposes electrical and solar power system for the YM repository. |
| Authors | McIlvaine, Jim/ BSC Repository Development - License Application/ |
| Recipients | Bryan, Martin C/ BSC Repository Development - LA Completion/ Self, Jerry G./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document is a draft of section 1.4.1.1 of the draft LA and provides the author's comments on the draft. |
| Confidentiality Statement | 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. Marked Predecisional |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040621.9318 |
| LSN Accession Number | DN2002331268 |
| Doc Date | 20040310 |
| Title | lr_sar_1412jbmcomments |
| Subject Matter Description | The document concerns the proposed electrical support system for the YM repository (draft SAR section 1.4.1.2). |
| Authors | McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / License Application/LA Configuration Control Team Member |
| Recipients | Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - License Application / BSC Senior Engineering Specialist |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document is a draft of section 1.4.1.2 of the draft LA that provide the author's comments on that draft section. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040621.9319 |
| LSN Accession Number | DN2002337375 |
| Doc Date | 20040310 |
| Title | lr_sar_1421jbmcomments |
| Subject Matter Description | The document concerns the proposed digital control and management information system for the YM repository (Section 1.4.2.1). |
| Authors | McIlvaine, Jim/ BSC Repository Development - License Application/ |
| Recipients | Bryan, Martin C/ BSC Repository Development - LA Completion/ Self, Jerry G./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document is a draft of section 1.4.2.1 of the draft SAR that includes the author's comments on that draft section. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Predecisional 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 LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040621.9320 |
| LSN Accession Number | DN2002332000 |

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| Doc Date | 20040310 |
| Title | lr_sar_1422jbmcomments |
| Subject Matter Description | The document concerns the proposed radiation-radiological monitoring system for the YM repository. |
| Authors | McIlvaine, Jim/ BSC Repository Development - License Application/ |
| Recipients | Bryan, Martin C/ BSC Repository Development - LA Completion/ Self, Jerry G./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document is a draft of section 1.4.2.2 of the draft LA that provides the author's comments on it. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. Marked Predecisional 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 LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040621.9321 |
| LSN Accession Number | DN2002479181 |
| Doc Date | 20040310 |
| Title | lr_sar_1423jbmcomments |
| Subject Matter Description | Yucca Mountain Repository Safety Analysis Report, Chapter 1: Repository Safety Before Permanent Closure (Section 1.4.2.3 Environmental-Meteorological Monitoring System) |
| Authors | McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / License Application/LA Configuration Control Team Member |
| Recipients | Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - License Application / BSC Senior Engineering Specialist |
| Author Recipient Relationship | The author is a DOE M&O contractor personnel. The recipients are M&O contractor personnel with responsibility for developing this section of the draft SAR. |
| Purpose Of Document | This document conveys the author's comments on draft SAR section 1.4.2.3 and contains his recommended changes on the positions expressed therein as well as the form and content of this section. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040621.9322 |
| LSN Accession Number | DN2002332721 |
| Doc Date | 20040310 |
| Title | lr_sar_1424jbmcomments |
| Subject Matter Description | The document concerns the proposed communication system for the YM repository (SAR section 1.4.2.4.1). |
| Authors | McIlvaine, Jim/ BSC Repository Development - License Application/ |
| Recipients | Bryan, Martin C/ BSC Repository Development - LA Completion/ Self, Jerry G./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document is a draft of section 1.4.2.4 of the draft LA that provides the author's comments on the section. |
| Confidentiality Statement | 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. Marked Predecisional |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040621.9649 |

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| LSN Accession Number | DN2002334745 |
| Doc Date | 20040226 |
| Title | D&E_141_B022304 (LAP comments) |
| Subject Matter Description | The subject matter is section 1.4.1 (Electric Power) of the draft SAR and consolidated Design Engineering comments on this draft section. |
| Authors | Kuo, Chang / BSC / McDonnell, Thomas Self, Jerry G./ BSC Repository Development - Conversion/ Zoleta, Augusto |
| Recipients | Barangar, Nico Bryan, Martin C/ BSC Repository Development - LA Completion/ Dokuzoguz, Halit / DOE-CRWMS / Honaker, Raymond / DOE-CRWMS / Meszaros, Christine / DOE-CRWMS / Minwalla, Homi J. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist |
| Author Recipient Relationship | Authors and recipients are DOE employees or contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose is to transmit consolidated Design Engineering comments regarding the subject portion of the draft SAR. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040824.2734 |
| LSN Accession Number | DN2002331851 |
| Doc Date | 20040612 |
| Title | trcd_sar_55 rev1 6-12-04 |
| Subject Matter Description | Redline comments and mark-ups of Preliminary Draft Yucca Mountain Repository Safety Analysis Report, Chapter 5: Administrative and Programmatic Requirements, 5.5 Plans for Initial Startup Activities & Testing |
| Authors | DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ / |
| Recipients | Bailey, Jack / BSC Repository Development / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Hutchins, William / BSC Repository Development - Licensing / Beckman & Associates (B&A) or (BAA) Program Regulatory Integration Lead Iorii, Vince / / Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Analyst/Modeler Whetsel, Randy / BSC Repository Development - Licensing / Regulatory Coordination/Program Regulatory Integration Team Member |
| Author Recipient Relationship | The author is a DOE M&O contract personnel. The recipients are DOE counsel, DOE officials, and DOE M&O contractor personnel with responsibility for the subject matter of the communication. |
| Purpose Of Document | Provide comments on draft SAR Section 5.5 |
| Confidentiality Statement | Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate 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 LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040824.2764 |
| LSN Accession Number | DN2002335344 |
| Doc Date | 20040615 |

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| Title | trd_sar_234 rcp |
| Subject Matter Description | Draft Yucca Mountain Repository Safety Analysis Report, Chapter 2: Repository Safety after Permanent Closure |
| Authors | Perman, Roseanne / Geomatrix Consultants, Inc. / Senior Geologist |
| Recipients | Blair, Stephen C. / Lawrence Livermore National Laboratory (LLNL) / Lawrence Livermore National Laboratory (LLNL) Physicist Board, Mark P. / BSC Repository Development - Engineering Systems & Disruptive Events Operations / ITASCA Consulting Group, Inc. Scientist Quittmeyer, Richard C. / BSC Repository Development - Disruptive Events / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Winborn, Carlos / Geomatrix |
| Author Recipient Relationship | The author and recipients are DOE outside contractors with responsibilities for the draft document that is the subject of comments. |
| Purpose Of Document | Provide comments on draft SAR. |
| Confidentiality Statement | 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 LIST MANUAL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040824.5099 |
| LSN Accession Number | DN2002481362 |
| Doc Date | 20040623 |
| Title | VAL-109 Cind-R-Lite, |
| Subject Matter Description | The document concerns the status of a mining claim in the GROA, as addressed in the draft LA. |
| Authors | Kelmenson, Ronald L./ BSC Repository Development - LA Completion/ OCRWM contractor |
| Recipients | Bailey, Jack/ BSC Repository Development - Licensing Defense/ OCRWM contractor Bryan, Martin C/ BSC Repository Development - LA Completion/ OCRWM contractor Skoblar, Leonard / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I OCRWM contractor Whetsel, R./ BSC Repository Development - License Application/ OCRWM contractor |
| Author Recipient Relationship | The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft SAR section that is the subject of the author's comments. |
| Purpose Of Document | The document relates the advice of DOE counsel (Matt Urie/DOE OGC/attorney) on a mining claim and requests information related to the same to assist DOE counsel on advising DOE on the matter. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALB.20040824.6096 |
| LSN Accession Number | DN2002338101 |
| Doc Date | 20040621 |
| Title | Re: Draft Activity Write-Ups - Section 3 |
| Subject Matter Description | The document concerns the proposed performance confirmation plan for the YM repository. |
| Authors | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Weaver, Douglas / SNL / |
| Recipients | Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/ Henning, Roger J./ BSC Repository Development - AMR Completion/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Weaver, Douglas / SNL / |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document is an email exchange between Douglas Weaver and Deborah Barr. The document relates advice of DOE's counsel regarding the criteria for a performance confirmation plan for the YM repository, to be included in the License Application. The document then proposes an approach to the performance confirmation plan, for consideration to respond to counsel's advice. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |

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| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice DPP; |
| Participant Accession No. | ALB.20040824.6886 |
| LSN Accession Number | DN2002335200 |
| Doc Date | 20040622 |
| Title | Cind-r-lite |
| Subject Matter Description | The document concerns the status of a mining claim in the GROA. |
| Authors | Kelmenson, Ronald L./ BSC Repository Development - Conversion/ |
| Recipients | Bailey, Jack/ BSC Repository Development - Integration/ Bryan, Martin C/ BSC Repository Development - LA Completion/ Skobljar, Leonard / BSC Repository Development - Design Interface & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineer I Whetsel, R./ BSC Repository Development - License Application/ |
| Author Recipient Relationship | The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft SAR section that is the subject of the author's comments. |
| Purpose Of Document | The document relates the advice of DOE counsel (Matt Urie/DOE OGC/attorney) on a mining claim and requests information related to the same to assist DOE counsel on advising DOE on the matter. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALB.20040824.8243 |
| LSN Accession Number | DN2002338169 |
| Doc Date | 20040419 |
| Title | Re: LA Technical Team Review Notification, LA SAR Section 2.2 |
| Subject Matter Description | LA Technical Team Review Notification, LA SAR Section 2.2 |
| Authors | Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Weaver, Marshall/ BSC Repository Development - Systems Engineering & Integration/ |
| Recipients | Bailey, Jack/ BSC Repository Development - Integration/ Dobson, David / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Franks, Douglas/ BSC Repository Development - Subcontractor Department/ Goldstein, Barry / BSC Repository Development - Integration / Sandia National Laboratory (SNL) Environmental Regulatory Compliance Kell, Patty/ SNL/ Kutzer, John F./ BSC Repository Development - LA Completion/ |
| Author Recipient Relationship | The author is a DOE M&O contractor personnel. The recipients are other M&O contractor personnel with responsibility over the development of the draft SAR section. |
| Purpose Of Document | E-mail from John Kutzer to David Dobson dated 04/19/2004, which includes substantive comments regarding LA SAR Section 2.2 |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20040903.0750 |
| LSN Accession Number | DN2002337034 |
| Doc Date | 20040728 |
| Title | Re: A SAR matter related to the Preliminary Estimates/Environmental Report -- Privileged |
| Subject Matter Description | The document concerns the coordination between the draft SAR section 2.3.7 and the ER, with respect to conceptual models for neptunium solubility in SNF corrosion calculations. |
| Authors | Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / |
| Recipients | Boyle, William J/ DOE - OCRWM Office of Repository Development/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/ |

Sassani, David C./ MTS - Performance Assessment/Science/
Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Acting Head
Sweeney, Janine/ DOE - Office of General Counsel (OGC)/attorney
Ziegler, Joseph/DOE OCRWM/Licensing Director

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| Author Recipient Relationship | The author is a senior OCRWM official. The email was directed to two DOE OGC attorneys who work on YMP matters, and was copied to DOE and DOE contractor personnel who are responsible for the referenced draft section of the draft LA. |
| Purpose Of Document | The document provides the author's opinions on which model the SAR and ER should be based, and provides the views to DOE counsel so counsel can advise the YMP on the matter. |
| 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-attorney to client DPP; |
| Participant Accession No. | ALB.20040903.2382 |
| LSN Accession Number | DN2002332278 |
| Doc Date | 20040718 |
| Title | C |
| Subject Matter Description | NAS Policy Considerations on EPA Std |
| Authors | Irwin, Donald/ Hunton & Williams, LLP/ Attorney Murray, Robert / MTS - Licensing Application and Strategy / Booze Allen Hamilton (BAH) Manager |
| Recipients | Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Arthur, W. John, III / DOE - OCRWM Office of Yucca Mountain Site Operations / Director Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Cornell, Veronica / MTS - Licensing / Parallax, Inc. Policy Analyst Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BSC President & General Manager Murray, Robert / MTS - Licensing Application and Strategy / Booze Allen Hamilton (BAH) Manager Nutt, Mark / Golder Associates / Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sassani, David C. / MTS - Post Closure Safety Analysis / Golder Associates Staff Scientist Slothouber, Linda / MTS - Policy Analysis & Institutional / Booze Allen Hamilton (BAH) Team Lead Sweeney, Janine / DOE - Office of General Counsel (OGC) / Started in Mid-1980s; Retired around 2000; Resumed employment around 2002 DOE Attorney Toft, Richard L. / MTS / Booze Allen Hamilton (BAH) General Manager Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director Williams, Nancy H. / BSC Repository Development - Licensing & Nuclear Safety / BSC Manager of Projects Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors, including DOE's outside licensing counsel for the Yucca Mountain Project, with responsibilities relating to subject matters addressed by the NAS report. |
| Purpose Of Document | Email providing legal comments on NAS report. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | E-MAIL EMAIL-ATT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |
| Participant Accession No. | ALB.20040903.2879 |
| LSN Accession Number | DN2002337598 |
| Doc Date | 20040630 |

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| Title | ER review 060304 version |
| Subject Matter Description | The document concerns the draft Environmental Report that DOE was preparing for the YM repository. |
| Authors | Lechel, Dave / BSC Repository Development - Engineered System / Sandia National Laboratory (SNL) Engineer/Scientist 2 |
| Recipients | Janine Sweeney / DOE General Counsel / Attorney Matt Urie / DOE General Counsel / Attorney Rivers Jr., Joe / Jason Technology Associates Corp / OCRWM contractor Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy/ |
| Author Recipient Relationship | The author is an YMP personnel. The recipients are two DOE OGC attorneys. Also copied are the DOE lead for the Draft EIS and another YMP personnel who works on the EIS. |
| Purpose Of Document | The document provides the authors's confidential opinions on the referenced draft at counsel's request, to enable counsel to provide advice to DOE regarding the Environmental Report. |
| Confidentiality Statement | The document is marked Privileged and Confidential and Do Not Cite. 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 LIST REPORT |
| LWP Privilege Types | LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-client to attorney |
| Participant Accession No. | ALB.20040903.5825 |
| LSN Accession Number | DN2002335737 |
| Doc Date | 20040709 |
| Title | C |
| Subject Matter Description | This document relates to design control requirements in the preclosure and postclosure periods. |
| Authors | Miles, Meredith/ Hunton & Williams, LLP/ Attorney |
| Recipients | Brown, Dennis M./ BSC Repository Development - Site Project Field Engineering/ Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Dorman, Warren / DOE / Edwards, W J./ Hunton & Williams, LLP/ Attorney Faglioni, Kelly L./ Hunton & Williams, LLP/ Attorney Hasson, Robert /DOE/ Ulshafer, Mike / DOE / |
| Author Recipient Relationship | The licensing attorney author (outside counsel) is sending this analysis to recipients who are either other licensing counsel or DOE employees or contractors responsible for the subject matter of the communication. |
| Purpose Of Document | The purpose is to convey the analysis of licensing counsel to OCRWM/QA regarding QA issues affecting the Yucca Mountain QA Program. Specifically, the analysis provided by licensing counsel at the specific request of project personnel related to the design control requirements in the preclosure and postclosure periods. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | E-MAIL EMAIL-ATT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |
| Participant Accession No. | ALB.20041227.0113 |
| LSN Accession Number | DN2002336653 |
| Doc Date | 20040818 |
| Title | SAR Section 1.4.3 Post Chapter Review Draft Tables |
| Subject Matter Description | The document concerns draft section 1.4.3 of the SAR, which addresses the automatic fire suppression types proposed to be used at the YM repository. |
| Authors | Minwalla, Homi J. / BSC Repository Development - LA Configuration Control / BSC Senior Engineering Specialist |
| Recipients | Ashley, Glen / BSC / Group Lead Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager Kubicek, John /BSC Lorenz, Jerry / BSC Repository Development - Design and Engineering / Red, Inc. Communications Technical Writer/Editor II |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document provides comments on the referenced draft LA section. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |

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| Doc Type | DATA EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20041227.0114 |
| LSN Accession Number | DN2002331729 |
| Doc Date | 20040818 |
| Title | SAR Section 1.4.3 Post Chapter Review Draft |
| Subject Matter Description | The document is a draft of the proposed fire protection systems at the YM repository (SAR section 1.4.3), and contains the author's comments and recommended changes to this draft SAR section. |
| Authors | Minwalla, Homi J. / BSC Repository Development - LA Configuration Control / BSC Senior Engineering Specialist |
| Recipients | Ashley, Glen / BSC / Group Lead Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager Kubicek, John /BSC Lorenz, Jerry / BSC Repository Development - Design and Engineering / Red, Inc. Communications Technical Writer/Editor II |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document provides the author's comments on the referenced draft LA section. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | DATA EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20050323.1825 |
| LSN Accession Number | DN2002334175 |
| Doc Date | 20041004 |
| Title | CONFIDENTIAL/ATTORNEY-CLIENT PRIVILEGE |
| Subject Matter Description | Attorney comments and opinions on referenced strawman for a decision of DOE's position on peak dose in the Environmental Report and the relevant portion of the LA. |
| Authors | Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Acting Head Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Zeugin, Lee / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are DOE OCRWM personnel with responsibility for the draft document that is the subject of counsel's advice as well as DOE OGC who work on YMP matters and DOE outside counsel for the YMP. |
| Purpose Of Document | The purpose of the document is to provide attorney comments and opinions on referenced strawman for a decision of DOE's position on peak dose in the Environmental Report and the relevant portion of the LA. |
| Confidentiality Statement | 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 |
| 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. | ALB.20050323.2372 |
| LSN Accession Number | DN2002338091 |
| Doc Date | 20040608 |
| Title | Comments SAR 1-5-1 |
| Subject Matter Description | Memorandum with attorney comments on draft SAR Section 1.5.1 |

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| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Ferris, David / DOE-OCRWM / Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | Attorney comments on draft SAR. |
| Confidentiality Statement | Marked Attorney Client Communication 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 | CORRESPONDENCE EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20050323.2374 |
| LSN Accession Number | DN2002333040 |
| Doc Date | 20040608 |
| Title | Comments SAR 1-4-2 comments |
| Subject Matter Description | SAR Section 1.4.2 comments |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ |
| Author Recipient Relationship | The authors are DOE OGC and outside licensing counsel and the recipients are DOE employees or contractors with licensing-related responsibility for the subject of the document. |
| Purpose Of Document | Provide attorney comments on draft SAR Section 1.4.2. |
| Confidentiality Statement | Marked Attorney Client Communication 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 | CORRESPONDENCE EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20050323.4501 |
| LSN Accession Number | DN2002333567 |
| Doc Date | 20040609 |
| Title | Comments SAR 1-3-3 |
| Subject Matter Description | Memorandum with attorney comments on draft SAR Section 1.3.3 |
| Authors | Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Holloway, John/ Hunton & Williams, LLP/ Attorney Rinaca, James/ Hunton & Williams, LLP/ Attorney |
| Recipients | Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Kutzer, John F. / BSC Repository Development - LA Completion / Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections. |

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| Purpose Of Document | Provide attorney comments on draft SAR Section 1.3.3. |
| Confidentiality Statement | Marked Attorney Client Communication 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 | CORRESPONDENCE EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20050323.5583 |
| LSN Accession Number | DN2002334500 |
| Doc Date | 20040607 |
| Title | Comments SAR 1-3-5 - G. Hellstrom, and H&W |
| Subject Matter Description | The document concerns draft section 1.3.5 of the draft LA. |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ |
| Author Recipient Relationship | The authors are attorneys with DOE OGC and DOE outside licensing counsel and the recipients are DOE employees and contractors with responsibility for the subject draft SAR section. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. This document also contains the project's proposed responses to counsel's legal advice. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | CORRESPONDENCE EMAIL-ATT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALB.20050323.5812 |
| LSN Accession Number | DN2002336286 |
| Doc Date | 20040607 |
| Title | Comments SAR 1-3-5 - G. Hellstrom, and H&W |
| Subject Matter Description | The document concerns draft section 1.3.5 of the draft LA, and contains OGC's and outside counsel's comments on the draft. |
| Authors | George Hellstrom / DOE General Counsel / Attorney James Rinaca / H&W / Attorney John Holloway III / H&W / Attorney |
| Recipients | Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ |
| Author Recipient Relationship | The authors are attorneys with DOE OGC and DOE outside licensing counsel and the recipients are DOE employees and contractors with responsibility for the subject draft SAR section. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. The document also proposes potential responses to counsels' comments and how to handle them within the draft SAR section. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALB.20050323.5818 |
| LSN Accession Number | DN2002335760 |

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| Doc Date | 20040609 |
| Title | Comments SAR 1-3-3 - G. Hellstrom and H&W |
| Subject Matter Description | The document concerns the compliance of draft section 1.3.3 of the draft LA with the YMRP. |
| Authors | Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Holloway, John/ Hunton & Williams, LLP/ Attorney Rinaca, James/ Hunton & Williams, LLP/ Attorney |
| Recipients | Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ |
| Author Recipient Relationship | The authors are attorneys with DOE OGC and DOE outside licensing counsel and the recipients are Yucca Mountain Project personnel with responsibility for the subject draft SAR section. |
| Purpose Of Document | The document provides the confidential legal advice of counsel on the referenced topic, with interlinear proposed responses to counsel's questions prepared by Diego Suarez. |
| Confidentiality Statement | Marked Attorney Client Communication 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. |
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| Other Privilege Types | ACP-attorney to client; ACP-client to attorney DPP; |
| Participant Accession No. | ALB.20050323.5989 |
| LSN Accession Number | DN2002337210 |
| Doc Date | 20040607 |
| Title | Comments-SAR 1-12 |
| Subject Matter Description | Memorandum re attorney comments on SAR 1.12 |
| Authors | Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Zaccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | The purpose of this document is to provide attorney comments on draft SAR Section 1.12 of the LA, proposing changes to that section to assist DOE in preparation of filing its license application in the high-level waste proceeding, and reflects information that DOE relies upon in deciding the final contents of the license application. |
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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20050323.5991 |
| LSN Accession Number | DN2002331231 |
| Doc Date | 20040607 |
| Title | Comments SAR 5.9 |
| Subject Matter Description | Memorandum with Comments on draft SAR Section 5.9 |
| Authors | Edwards, W J./ Hunton & Williams, LLP/ Attorney Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney |
| Recipients | Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist |

**Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/
Hutchins, William / BSC Repository Development - Licensing / Beckman & Associates (B&A) or (BAA) Criticality Lead
Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/**

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| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel and employees with DOE's M&O contractor who have responsibility for the draft document that is the subject of counsel's advice. |
| Purpose Of Document | Provide attorney comments on draft SAR Section 5.9. |
| Confidentiality Statement | Marked Attorney Client Communication 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. |
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| Other Privilege Types | ACP-attorney to client DPP; |

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| Participant Accession No. | ALB.20050323.5995 |
| LSN Accession Number | DN2002332877 |
| Doc Date | 20040607 |
| Title | Comments SAR 1-3-5 |
| Subject Matter Description | This document contains OGC's and outside counsel's comments on draft SAR section 1.3.5. |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Lead Kutzer, John F. / BSC Repository Development - LA Completion / Zaccone, Charlotte A. / MTS - Engineering & Design & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Mechanical Engineer |

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| Author Recipient Relationship | The authors are attorneys with DOE OGC and DOE outside licensing counsel and the recipients are DOE employees and contractors with responsibility for the subject draft SAR section. |
| 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 | Marked Attorney Client Communication Marked Privileged and Confidential This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| Participant Accession No. | ALB.20050323.6223 |
| LSN Accession Number | DN2002330419 |
| Doc Date | 20040609 |
| Title | Comments SAR 1-3-3 |
| Subject Matter Description | The document concerns compliance of the draft section 1.3.3 of the draft LA with the YMRP. |
| Authors | Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Holloway, John/ Hunton & Williams, LLP/ Attorney Rinaca, James/ Hunton & Williams, LLP/ Attorney |
| Recipients | Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Gonzales, Lou / BSC Repository Development - Licensing / Licensing Support Manager Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ |

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| Author Recipient Relationship | The authors are attorneys with DOE OGC and DOE outside licensing counsel and the recipients are Yucca Mountain Project personnel with responsibility for the subject draft SAR section. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
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| Participant Accession No. | ALB.20050323.6354 |
| LSN Accession Number | DN2002334658 |
| Doc Date | 20040615 |
| Title | Comments SAR 1-2-3 |
| Subject Matter Description | Memorandum with attorney comments on draft SAR Section 1.2.3 |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead |
| Author Recipient Relationship | The authors are DOE outside and OGC licensing counsel and the recipients are DOE employees or contractors with licensing-related responsibility for the subject of the document. |
| Purpose Of Document | Provide attorney comments on draft SAR, section 1.2.3 |
| Confidentiality Statement | Marked Attorney Client Communication 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. |
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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20050323.6356 |
| LSN Accession Number | DN2002329550 |
| Doc Date | 20040613 |
| Title | Comments SAR 1-2-4 |
| Subject Matter Description | Memorandum with attorney comments on draft SAR Section 1.2.4 |
| Authors | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Zaccone, Charlotte A. / MTS - Planning & Scheduling / Booze Allen Hamilton (BAH) Mechanical Engineer |
| Author Recipient Relationship | The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) section. |
| Purpose Of Document | Attorney comments on draft SAR. |
| Confidentiality Statement | Marked Attorney-Client Communication Marked Privileged & 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. |

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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20050323.6358 |
| LSN Accession Number | DN2002335883 |
| Doc Date | 20040615 |
| Title | Comments SAR 1-2-5 |
| Subject Matter Description | Memorandum with attorney comments on draft SAR Section 1.2.5 |
| Authors | Hellstrom, George / DOE General Counsel / Attorney Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Zaccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead |
| Author Recipient Relationship | The authors are lawyers with DOE's OGC and DOE's outside counsel. The recipients are OCRWM personnel and DOE's contractors responsible for development of SAR section 1.2.5. |
| Purpose Of Document | Provide attorney comments on draft SAR. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privileged & 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. |
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| Participant Accession No. | ALB.20050331.0369 |
| LSN Accession Number | DN2002335191 |
| Doc Date | 20040609 |
| Title | Comments on RIT Section 1.2.3(v1) |
| Subject Matter Description | Comments from licensing counsel on the draft LA section addressing Repository Safety Before Permanent Closure. |
| Authors | Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Beasley, Amanda / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Jenkins, Angela / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The authors and recipients are all licensing counsel with licensing-related responsibility for the subject addressed by the document. |
| Purpose Of Document | Memo from counsel regarding comments on LA Chapter 2 - Repository Safety Before Permanent Closure |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product 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. |
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| Other Privilege Types | ACP-attorney to client |

DPP;

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| Participant Accession No. | ALB.20050331.0375 |
| LSN Accession Number | DN2002336785 |
| Doc Date | 20040610 |
| Title | Comments on Ch. 1; 1.2.2(v1) |
| Subject Matter Description | The subject is draft LA section 1.1.2 and licensing counsel comments on that section. |
| Authors | Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Beard, Kristina / Hunton & Williams, LLP / Attorney Beasley, Amanda / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Jenkins, Angela / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The authors and recipients are attorneys, respectively, with DOE OGC and DOE's outside licensing counsel. |
| Purpose Of Document | Memo from counsel regarding comments on LA Chapter 2 - Repository Safety Before Permanent Closure |
| Confidentiality Statement | Marked Attorney Client Communication Marked Attorney Work Product 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. |
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| Participant Accession No. | ALB.20050331.0553 |
| LSN Accession Number | DN2002337147 |
| Doc Date | 20040623 |
| Title | Status Report on 6/21-6/23 Chapter 1 Comment Resolution Meetings |
| Subject Matter Description | The subject matter is the continuing development of LA Chapter 1 |
| Authors | Beard, Kristina / Hunton & Williams, LLP / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John (Jay) / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author and two recipients are attorneys with DOE's outside licensing counsel for the Yucca Mountain Project. The other recipient is an attorney from DOE's OGC. |
| Purpose Of Document | The purpose of the document is to provide the attorney's legal advice regarding the status and development of the subject LA section. |
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| Other Privilege Types | ACP-attorney to client DPP; |

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| Participant Accession No. | ALB.20050523.3097 |
| LSN Accession Number | DN2002333867 |
| Doc Date | 20050318 |
| Title | Comments on "Action Item" list - 1.5.1 and 1.5.2 - Privileged |
| Subject Matter Description | This document conveys outside counsel's legal advice regarding draft SAR section 1.5.1. |
| Authors | Beard, Kristina / Hunton & Williams, LLP / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Author Recipient Relationship | The author is a lawyer with HUNTON & WILLIAMS, and the recipients are a lawyer with DOE's OGC and a lawyer with HUNTON & WILLIAMS. |
| Purpose Of Document | Attorney Comments on Draft SAR. The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |

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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20050527.2899 |
| LSN Accession Number | DN2002332845 |
| Doc Date | 20050324 |
| Title | 1.3.2 ConsolLegal |
| Subject Matter Description | 1.3.2 ConsolLegal |
| Authors | Beard, Kristina/ Hunton & Williams, LLP/ Attorney Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Suarez, Diego/ BSC Repository Development - Conversion/ |
| Recipients | Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Boutin, Robert J./ BSC Repository Development - Conversion/ Rinaca, James/ Hunton & Williams, LLP/ Attorney White, Jon/ DOE/ |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors, and DOE OGC attorneys and outside counsel, responsible for the subject draft SAR sections. |
| Purpose Of Document | Privileged comments on draft sar. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney-Client Privileged Marked Attorney Work Product 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. |
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| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20051018.4266 |
| LSN Accession Number | DN2002336383 |
| Doc Date | 20051004 |
| Title | ORD Senior Mgmt Review 050707 (2) skoblari |
| 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. |
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| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-discusses attorneys advice DPP; |

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| Participant Accession No. | ALB.20051102.0097 |
| LSN Accession Number | DN2002335405 |
| Doc Date | 20050915 |
| Title | FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication |
| Subject Matter Description | 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication |
| Authors | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates Project Manager/Laboratory Lead Smistad, Eric / DOE / OCRWM Official Yunker, Jean L. / BSC Repository Development - Licensing Defense / Manager of Technology I |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel and DOE's M&O contractor personnel who have responsibility for the draft document that is the subject of counsel's advice. The recipients also include other DOE counsel, including a DOE Office of General Counsel attorney, for the Yucca Mountain Project. |
| Purpose Of Document | Attorney comments on draft SAR Section 2.3. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney Client Communication 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. |
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| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20051102.0482 |
| LSN Accession Number | DN2002331114 |
| Doc Date | 20050907 |
| Title | 2.3.5 AC changes 9-8-05 |
| Subject Matter Description | The document concerns the treatment of YMRP acceptance criteria in draft section 2.3.5 of the draft LA. |
| Authors | Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department/ |
| Recipients | Dobson, David / BSC Repository Development - Postclosure Activities / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Howard, Robert L. / BSC Repository Development / BSC Project Manager Yunker, Jean L. / BSC Repository Development / BSC Manager of Technology I |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The document is a draft of a portion of 2.3.5 of the draft LA that provides the author's comments on it. |
| Confidentiality Statement | Marked Predecisional Marked Privileged and Confidential Marked Litigation Work Product marked Attorney Client Communication 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. |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALB.20051102.0655 |
| LSN Accession Number | DN2002334936 |
| Doc Date | 20050908 |
| Title | Language on Volcanic Eruptions: Privileged Attorney-Client Communication |
| Subject Matter Description | The document concerns the treatment of newly formed volcanoes in the draft License Application. |
| Authors | Frazier, Amanda J. / Hunton & Williams, LLP / Attorney |
| Recipients | Ashley, Glen / BSC/Beckman / Group Lead Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the YM repository. The recipients are YMP |

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| | personnel responsible for the subject draft LA (or SAR) sections that is the subject of counsel's advice. |
| Purpose Of Document | The document provides the legal advice of counsel, at DOE's request, on the treatment of newly formed volcanoes in the draft License Application. |
| Confidentiality Statement | Marked Attorney-Client Privileged Marked Attorney Work Product Marked 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 |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALB.20051102.0754 |
| LSN Accession Number | DN2002331083 |
| Doc Date | 20050915 |
| Title | FW: 2.3.1.4.3.1 - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication |
| Subject Matter Description | The emails address language in draft SAR section 2.3.1.4.3.1 |
| Authors | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | Smistad, Eric / DOE / OCRWM Official Yunker, Jean L. / BSC Repository Development - Chief Science Officer/ |
| Author Recipient Relationship | The author is DOE's outside counsel, and the recipients are with OCRWM and DOE's M&O contractor who have responsibility over draft SAR sections 2.3.1 and 5.4. |
| Purpose Of Document | The purpose is to make the client aware of language changes in the draft SAR, deemed significant by outside licensing counsel. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication 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 |
| Participant Accession No. | ALB.20051102.0942 |
| LSN Accession Number | DN2002335795 |
| Doc Date | 20050915 |
| Title | 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication |
| Subject Matter Description | The subject matter is section 2.3.1.1 of the draft license application. |
| Authors | Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Senior Engineer Smistad, Eric / DOE / OCRWM Official Yunker, Jean L. / BSC Repository Development - Performance Assessment / BSC Manager of Technology I |
| Author Recipient Relationship | The author and recipients are licensing counsel and DOE contractors or employees responsible for the subject draft license application section. |
| Purpose Of Document | The purpose of the document is to transmit licensing counsel comments to project personnel regarding section 2.3.1.1 of the draft license application. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication 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 | DPP |
| Participant Accession No. | ALC.20040612.2370 |
| LSN Accession Number | DN2002331178 |

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| Doc Date | 20020906 |
| Title | policy comment on TH_PULSE document |
| Subject Matter Description | The document concerns the use of direct observations of non-seepage in the DST. |
| Authors | Sassani, David C. / MTS - Performance Assessment/Science / Golder Associates Staff Scientist |
| Recipients | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Levich, Robert A. / DOE / International Programs Manager Marshall, Ann / MTS / Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I |
| Author Recipient Relationship | The author and recipients are YMP personnel who work on KTI responses for DOE. |
| Purpose Of Document | The document transmits a proposed policy statement that the author proposes for adoption by DOE. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALC.20040621.0965 |
| LSN Accession Number | DN2002335715 |
| Doc Date | 19340904 |
| Title | ORD Organizational Model |
| Subject Matter Description | ORD Organizational Model |
| Authors | Cornell, Veronica/ MTS - Licensing/ |
| Recipients | Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Beckman, Donald / BSC Repository Development - KTI Completion Team / Beckman & Associates (B&A) or (BAA) Program Manager Murray, Robert / MTS - Licensing Application and Strategy / Booze Allen Hamilton (BAH) Manager Toft, Richard L. / MTS / Booze Allen Hamilton (BAH) General Manager |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft organizational structure as it is described and advanced in the LA. |
| Purpose Of Document | The purpose of the document is to convey the author's recommendations and opinion on the draft organizational model to be advanced in the LA and incorporation of the group's comments thereon. |
| Confidentiality Statement | 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 LEGAL DOCUMENT LIST |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALC.20040621.3689 |
| LSN Accession Number | DN2002479061 |
| Doc Date | 20040301 |
| Title | Re: Late comments on SAR Section 1.4.5.4, Water |
| Subject Matter Description | Late comments on SAR Section 1.4.5.4, Water |
| Authors | Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist |
| Recipients | Blois, Michael D. / BSC Repository Development - Engineering Production / BSC Engineering Supervisor Encarnacion, Narcis / BSC / Mendiola, Perfecto/ BSC / |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Comments on draft SAR., section 1.4.5.4, Water |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALC.20040621.5522 |
| LSN Accession Number | DN2002335265 |
| Doc Date | 20040223 |

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| Title | D&E_1454_B022004 GLP |
| Subject Matter Description | This document is a draft of SAR section 1.4.5.4 (Water), which relates to the function of the water system that provides water from existing wells to the North Portal, North Construction Portal and South Portal. |
| Authors | Project personnel responsible for developing SAR section 1.4.5.4 |
| Recipients | Blois, Michael D. / BSC Repository Development - Engineering Production / BSC Engineering Supervisor Encarnacion, Narci / BSC / Mendiola, Perfecto / / |
| Author Recipient Relationship | The author and recipients are Yucca Mountain Project personnel who have responsibility for developing SAR section 1.4.5.4. |
| Purpose Of Document | This document is a preliminary draft of SAR section 1.4.5.4. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALC.20040621.5680 |
| LSN Accession Number | DN2002335458 |
| Doc Date | 20040219 |
| Title | 1.2.7.2B-DE |
| Subject Matter Description | The document is a copy of the draft section 1.2.7.2 of the draft LA, which concerns various plant facilities proposed for the YM repository, with comments from the BSC engineering department. |
| Authors | McDonnell, Thomas/BSC |
| Recipients | Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member |
| Author Recipient Relationship | Authors and recipients are DOE M& contractor personnel responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | The document provides the comments and recommendations of the BSC engineering group on the referenced draft section of the draft LA. |
| 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 DRAWING EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALC.20050228.8604 |
| LSN Accession Number | DN2002470313 |
| Doc Date | 20020320 |
| Title | closing this concern |
| Subject Matter Description | Email with draft report attached that addresses thoughts on closing the subject employee concern No. 99-016 |
| Authors | Klein, Susan E / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Quality Concerns Program Rives, Susan / DOE - Office of General Counsel (OGC) / Attorney Voltura, Nancy-Ann / DOE - OCRWM / Office of QA |
| Author Recipient Relationship | The author and a recipient are DOE Office of General Counsel attorneys who work on Yucca Mountain Project matters. Another recipient is a member of the employee concerns office with responsibility for the subject concern. |
| Purpose Of Document | To convey a draft report and the author's thoughts on closing the subject employee concern to DOE OGC attorney for review and advice. |
| Confidentiality Statement | This document was authored by and transmitted to DOE OGC attorneys in order to obtain the advice and counsel of the attorney in resolving the subject employee concern. An employee concerns office representative also was copied on the email. It was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (OPINION) LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-attorney to client; ACP-client to attorney |

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| Participant Accession No. | ALD.20040617.6495 |
| LSN Accession Number | DN2002335874 |
| Doc Date | 20030821 |
| Title | barriers-Aug03-Rev0 |
| Subject Matter Description | The document concerns the regulatory treatment of barriers important to waste isolation. |
| Authors | Blink, James / BSC Repository Development - Data & TSPA Parameter Management / Lawrence Livermore National Laboratory (LLNL) Engineer Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager |
| Recipients | Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Goldstein, Barry / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) Environmental Regulatory Compliance Rickertsen, Larry D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I Swift, Peter N. / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) General Technical Management |
| Author Recipient Relationship | The authors and recipients are YMP personnel who were involved in the development of options and recommendations to DOE on the referenced topic. |
| Purpose Of Document | The document provides potential analyses and options for the working group to consider submitting to DOE for a decision. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | DATA EMAIL-ATT MEETING AID |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |

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| Participant Accession No. | ALD.20040618.6457 |
| LSN Accession Number | DN2002329860 |
| Doc Date | 20030821 |
| Title | LADRFT18_15 |
| Subject Matter Description | Yucca Mountain Repository Safety Analysis Report, Chapter 1: Repository Safety Before Permanent Closure (Section 1.8 Consequence Analyses) |
| Authors | DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ / |
| Recipients | DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ / |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | Provides redline comments on draft SAR. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |

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| Participant Accession No. | ALD.20040621.5617 |
| LSN Accession Number | DN2002332664 |
| Doc Date | 20040223 |
| Title | D&E_141_B022304 GLP |
| Subject Matter Description | SAR Chapter 1 - Repository Safety Before Permanent Closure - Electric Power |
| Authors | Pannell, George/ BSC Repository Development - Design Interface & Integration/ |
| Recipients | Acree, Patrick / / Ferris, David / DOE-OCRWM / Keller, Roger L. / BSC Repository Development - Engineering Process / BSC Senior Engineering Specialist Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst Rasmussen, David / / Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist Shapiro, Steve / BSC / |

Williams, Yvonne / BSC /

Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I

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| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections |
| Purpose Of Document | The document provides recommendations and opinions on the proposed licensing positions in and form and content of the draft section of SAR Chpt. 1 concerning electrical power |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALD.20040824.2215 |
| LSN Accession Number | DN2002332337 |
| Doc Date | 20040520 |
| Title | SAR_2.3.5 condensation (ELH 20May04) |
| Subject Matter Description | The document is a copy of the draft section 2.3.5.4.2 of the draft LA, which addresses the representation of convection and condensation processes in the repository emplacement drifts. |
| Authors | Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor |
| Recipients | Kirstein, Bruce E. / BSC Repository Development - Integration / BSC Principal Engineer I Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer Reed, A. W. / Sandia National Laboratory / Webb, Stephen W. / Sandia National Laboratory / |
| Author Recipient Relationship | Authors and recipients are DOE contractor personnel responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | The document is a draft of the referenced SAR section that incorporates the author's comments and other edits, and is being distributed for comment internally, before submittal to DOE. |
| 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. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALD.20040824.2336 |
| LSN Accession Number | DN2002336506 |
| Doc Date | 20040518 |
| Title | sar_2.3.11 text_ESG-TRC comments |
| Subject Matter Description | The document's subject is the author's comments on draft SAR Chapter 2.3.11 addressing Igneous and Volcanic Events. |
| Authors | Crump, Terry / BSC Repository Development / Science Regulatory Integration Group Member |
| Recipients | Gaffney, Edward / / DOE |
| Author Recipient Relationship | The author and recipient are DOE employees and contractors with responsibility for the subject SAR section. |
| Purpose Of Document | The purpose of the document is to convent the author's comments on this draft SAR, section 2.3.11 |
| Confidentiality Statement | 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-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALD.20040824.3055 |
| LSN Accession Number | DN2002332050 |
| Doc Date | 20040330 |
| Title | lp-035_barriers_its |

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| Subject Matter Description | The document concerns a proposal to DOE for a position in the licensing proceeding regarding what barriers will be identified as important to waste isolation. |
| Authors | Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager |
| Recipients | Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager Bailey, Jack / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist License Application Integration Group Lucas, L.L. / BSC / Mason, M.J. / BSC / McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Rickertsen, Larry D. / BSC Repository Development - Total System Performance Assessment Model Design/Analysis / BSC Principal Scientist I Whitcraft, J.S. / BSC / Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I |
| Author Recipient Relationship | The author is the licensing manager with BSC for the YMP. The recipients are other BSC personnel who work on the YMP and have responsibilities affected by the proposed decision. |
| Purpose Of Document | The document provides the BSC's recommendation on the proposed licensing position. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | CORRESPONDENCE DATA EMAIL-ATT REPORT |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALD.20040824.7500 |
| LSN Accession Number | DN2002336134 |
| Doc Date | 20040513 |
| Title | conceptual model of volcanism |
| Subject Matter Description | The document is a copy of the draft section 2.3.11.1 of the draft LA, which concerns the conceptual model of volcanism, and includes the author's comments on that draft. |
| Authors | Perry, Frank V./ BSC Repository Development - Engineering Systems & Disruptive Events Operations/ |
| Recipients | Cline, Mike L./BSC Crump, Terry/ BSC Repository Development/ Gaffney, Edward /BSC Keating, Gordon/BSC Whalen, Cheryl L./ BSC Repository Development - Facilities Design/ |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections |
| Purpose Of Document | The purpose of the document is to provide a working draft of the referenced SAR section for use in developing DOE's licensing position and the form and content of the LA. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALD.20050321.8773 |
| LSN Accession Number | DN2002336813 |
| Doc Date | 20041011 |
| Title | #4510 v2 - Additional Items for Inclusion on BSC Action Item List |
| Subject Matter Description | The document concerns tasks to be performed on the draft LA. |
| Authors | Irwin, Donald/ Hunton & Williams, LLP/attorney |
| Recipients | Arthur, John, III/ DOE - OCRWM Office of Repository Development/ Biggs, Jo Ann/ Hunton & Williams, LLP/attorney Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Capoferri, Anita/ DOE - Office of General Counsel (OGC)/attorney Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ |

Edwards, W J./ Hunton & Williams, LLP/attorney
 Faglioni, Kelly L./ Hunton & Williams, LLP/attorney
 Fillmore, Robert M./ Hunton & Williams, LLP/attorney
 Holloway, John/ Hunton & Williams, LLP/attorney
 Mallory, King/Hunton & Williams LLP/attorney
 McRae, James B./ DOE - Office of General Counsel (OGC)/attorney
 Rinaca, James/ Hunton & Williams, LLP/attorney
 Rolfe, Robert/Hunton & Williams LLP/attorney
 Shebelskie, Michael/Hunton & Williams LLP/attorney
 Weishaar, Mark/Hunton & Williams LLP/attorney
 Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/
 Zeugin, Lee/ Hunton & Williams, LLP/attorney
 Ziegler, Joseph/DOE OCRWM/Licensing Director

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| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are other DOE counsel with the DOE OGC and DOE's outside licensing counsel and OCRWM officials with responsibility for the subject matter of counsel's advice. |
| Purpose Of Document | The document provides confidential advice of counsel on issues to improve the draft LA to better prepare against potential contentions in the licensing proceeding. |
| Confidentiality Statement | <p> Marked Attorney Client Communication Marked Attorney Work Product Marked Prepared in Anticipation of Litigation 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. </p> |
| Doc Type | <p> DATA EMAIL-ATT LIST REPORT </p> |
| LWP Privilege Types | <p> LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) </p> |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALD.20050321.8774 |
| LSN Accession Number | DN2002479192 |
| Doc Date | 20050311 |
| Title | BSC LA Issues-Shaded 101104 |
| Subject Matter Description | The document concerns tasks to be performed on the draft LA. |
| Authors | Irwin, Donald/ Hunton & Williams, LLP/attorney |
| Recipients | <p> Arthur, John, III/ DOE - OCRWM Office of Repository Development/ Biggs, Jo Ann/ Hunton & Williams, LLP/attorney Capoferri, Anita/ DOE - Office of General Counsel (OGC)/attorney Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Edwards, W J./ Hunton & Williams, LLP/attorney Faglioni, Kelly L./ Hunton & Williams, LLP/attorney Fillmore, Robert M./ Hunton & Williams, LLP/attorney Holloway, John/ Hunton & Williams, LLP/attorney Mallory, King/Hunton & Williams LLP/attorney McRae, James B./ DOE - Office of General Counsel (OGC)/attorney Rinaca, James/ Hunton & Williams, LLP/attorney Rolfe, Robert/Hunton & Williams LLP/attorney Shebelskie, Michael/Hunton & Williams LLP/attorney Weishaar, Mark/Hunton & Williams LLP/attorney Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/ Zeugin, Lee/ Hunton & Williams, LLP/attorney Ziegler, Joseph/ DOE-OCRWM/Licensing Director/ </p> |
| Author Recipient Relationship | The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are other DOE counsel with the DOE OGC and DOE's outside licensing counsel and OCRWM officials with responsibility for the subject matter of counsel's advice. |
| Purpose Of Document | The document provides confidential advice of counsel on issues to improve the draft LA to better prepare against potential contentions in the licensing proceeding. |
| Confidentiality Statement | <p> 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. </p> |

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| Doc Type | DATA EMAIL-ATT LIST |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALE.20040615.7039 |
| LSN Accession Number | DN2002470106 |
| Doc Date | 20020124 |
| Title | Re: Treatment of Multiple Barriers and Defense in Depth |
| Subject Matter Description | The email reflects the author's views on the requirements of applicable regulations as they relate to barriers on which DOE will rely in assessing compliance with EPA standard. |
| Authors | Rickertsen, Larry D. / BSC Repository Development - Conversion / BSC Principal Scientist I |
| Recipients | Houseworth, James E. / BSC Repository Development - Subcontractor Department / Lawrence Berkeley National Laboratory (LBNL) UZ Deputy Department Manager McNeish, Jerry A. / BSC Repository Development - Hydrologists / BSC Principal Scientist II Nutt, Mark / Golder Associates / Sevougian, David / BSC Repository Development - Management & Operations / He may have been employed by Duke Engineering and Services and Framatome ANP DE&S; email: David-Sevougian@Notes .ymp.gov; telephone: 702-295-6273 Performance Assessment Operations Senior Analyst and Technical Expert Swift, Peter N. / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) General Technical Management Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division and Regulatory Interactions and Strategy Division Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors with licensing-related responsibility for the subject of the document. |
| Purpose Of Document | To convey author's views on defense-in-depth requirements to assist DOE in preparing and defending its LA |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALE.20040617.1679 |
| LSN Accession Number | DN2002337312 |
| Doc Date | 20031222 |
| Title | Re: D&E LA SAR Section 1.3.1 DRAFT (Rev. A) |
| Subject Matter Description | This email contains comments on Draft SAR Section 1.3.1. |
| Authors | Gue, Laura / DOE-OCRWM / |
| Recipients | Nakagawa, Ken / / |
| Author Recipient Relationship | The authors and recipients are DOE M&O contract personnel who have responsibility for developing this draft SAR section. |
| Purpose Of Document | Comments on draft SAR chapter 1 proposing changes to the subsurface structures, systems, and components and operational process activities section to assist DOE in preparation of filing its license application in the high-level waste proceeding, and reflects information that DOE relies upon in deciding the final contents of the license application. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALE.20040621.6414 |
| LSN Accession Number | DN2002334451 |
| Doc Date | 20040311 |
| Title | MW Revised Version of Issues |
| Subject Matter Description | The memorandum concerns the following subject matters: LA level of design detail; KTI and AIN schedule; Post closure criticality screening; igneous event probability and consequences; spent fuel burn-up credit and measurement; segmentation of aging capacity; low probability of DOE standardized canister or multi-canister overpack breach; waste package localized corrosion; postclosure seismic criteria; and structure, system, and component classification schedule. |
| Authors | Whetsel, Randy/ BSC Repository Development - License Application/ |
| Recipients | Skoblar, Leonard / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) |

Engineer I

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| Author Recipient Relationship | The author and recipients are DOE M&O contractor personnel who work on YMP matters. |
| Purpose Of Document | The purpose of the document is to memorialize and evaluate the anticipated issues to assist in resolving them in connection with the preparation of the LA. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALF.20040615.6311 |
| LSN Accession Number | DN2002329685 |
| Doc Date | 20000508 |
| Title | Re: PORB |
| Subject Matter Description | The subject of the email is the authors' comments, opinions, and recommendation on a draft position paper addressing time frame and peak dose |
| Authors | Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy/ |
| Recipients | Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Cline, Mike L. / TRW/BSC / M&O Contractor Fomous, John/ DOE/ Gamble, Robert / MTS / Goffi, Richard / / Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/ Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ Smistad, Eric / DOE / OCRWM Official Sullivan, Timothy/ DOE/ Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ Williams, Dennis/ DOE - OCRWM/ |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for making a recommendation to the PORB regarding peak dose and time frame. |
| Purpose Of Document | The purpose of the document is to exchange views of the authors in the email chain regarding the draft position paper in order to achieve consensus on a recommendation to the PORB. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALG.20040615.0319 |
| LSN Accession Number | DN2002336025 |
| Doc Date | 19990726 |
| Title | proposed OMB change to EPA draft |
| Subject Matter Description | The author's proposed edits to proposed draft EPA standard. |
| Authors | Fomous, John / DOE / |
| Recipients | Bruno, Thomas/ / Fehrenback, John / / Hanson, Glen T. / TRW / M&O Contractor Maheras, Steven / TRW / M&O Contractor York, Jim / TRW / M&O Contractor |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for formulating a position on the EPA draft standard to be taken by DOE. |
| Purpose Of Document | To convey the author's recommendation and opinion on the proposed draft EPA standard. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALG.20040617.1203 |
| LSN Accession Number | DN2002329289 |
| Doc Date | 20030227 |
| Title | Waste Stream Parameters draft licensing position(REVA5) |
| Subject Matter Description | The document concerns the selection of waste stream parameters for CSNF for the YM repository. |
| Authors | Skoblar, Leonard/ BSC Repository Development - Design Interface & Integration/ |
| Recipients | Hutchins, William/ BSC Repository Development - License Application/ Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Wisenburg, Mark R./ BSC Repository Development - Conversion/ |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractor personnel responsible for the subject document. |
| Purpose Of Document | The document presents to DOE for decision a proposed strategy for the selection of waste stream parameters for CSNF, in order to provide a design basis for various repository analyses. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALG.20040618.1763 |
| LSN Accession Number | DN2002332087 |
| Doc Date | 20040126 |
| Title | D&E_1462_review |
| Subject Matter Description | The document is a draft section 1.4.6.2 of the draft LA, which addresses proposed strategy for management of non-radiological waste at the YM repository. |
| Authors | McDonnell, Thomas/BSC |
| Recipients | Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist |
| Author Recipient Relationship | Authors and recipients are DOE M&O contractors responsible for the subject draft LA (or SAR) sections. |
| Purpose Of Document | The document provides the author's opinions on the referenced subject matter. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALH.20040615.0104 |
| LSN Accession Number | DN2002333388 |
| Doc Date | 20010129 |
| Title | Delta |
| Subject Matter Description | The subject matter is the Delta analysis and comments received at the request of a licensing attorney. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member Scott, Michael L. / TRW Engineering with Duke University / M&O Contractor |
| Author Recipient Relationship | The author is DOE licensing counsel and recipients are DOE employees or contractors with licensing-related responsibility for the subject of the document. |
| Purpose Of Document | The purpose of the document is for licensing counsel to convey to the client information received regarding the Delta analysis at the licensing counsel's request. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALH.20040615.3627 |
| LSN Accession Number | DN2002336144 |

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| Doc Date | 20020429 |
| Title | YMRP |
| Subject Matter Description | This document contains DOE's OGC's comments on the draft YMRP. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC)/Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney London, Dwayne / / Martin, Kathleen O. / DOE - Office of General Counsel (OGC) / Attorney McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs/Attorney Reynolds, Cathy / DOE OGC / Attorney Slater, Nancy / DOE/RW / |
| Author Recipient Relationship | The author and several recipients are DOE Office of General Counsel attorneys who work on Yucca Mountain Project matters. The other recipients are DOE employees and contractors with responsibility for providing DOE comments on the draft YMRP, NUREG-1804. |
| Purpose Of Document | The purpose of the document is to convey the comments, recommendations, and legal analysis of the OGC on the draft YMRP (NUREG-1804). |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALH.20040615.3642 |
| LSN Accession Number | DN2002331512 |
| Doc Date | 20030827 |
| Title | KTIReveiwInDriftChemicalEnvironment[3] |
| Subject Matter Description | OGC Comments on draft In Drift Chemical Environment Technical Bases Document, Appendices A,C, & D |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Hastings, Bruce / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Senior Scientist II Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst Salmon, David A. / BSC Repository Development - Geologists / BSC Senior Science Specialist Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author and three of the recipients are DOE OGC attorneys. The other recipients are DOE employees and contractors responsible for the subject draft and a response to the KTI. |
| Purpose Of Document | Attorney memorandum from Nick DiNunzio of the OGC to David Salmon, Prasad Nair and Bruce Hastings providing legal advice and recommendations regarding the sufficiency of the reviewed draft to respond to specific KTIs with the NRC. |
| Confidentiality Statement | Marked Attorney Client Communication Marked Privilege & 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. |
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| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALH.20040615.3645 |
| LSN Accession Number | DN2002470126 |
| Doc Date | 20030805 |
| Title | LegalTeamReviewofDraftPerformanceConfirmationPlan[3] |
| Subject Matter Description | The document concerns a draft performance confirmation plan for the YM repository. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |

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| | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Reports to William Boyle (who is the Director of Postclosure and License Acquisition Div.). Postclosure and License Acquisition Division Team Member Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The authors are DOE OGC attorneys who work on YMP matters. The recipients are three OCRWM officials who have responsibility for the draft document that is the subject of counsel's advice, plus another DOE OGC attorney who works on YMP matters. |
| Purpose Of Document | The document provides confidential legal advice on the draft plan with respect to regulatory compliance and licensing strategy issues. |
| Confidentiality Statement | The document is marked Attorney Client Communication and 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-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALH.20040615.6858 |
| LSN Accession Number | DN2002468904 |
| Doc Date | 20020109 |
| Title | Re: Draft of KTI Practice Q's for Hutto Task List |
| Subject Matter Description | Comments on Draft of KTI Practice Q's for Hutto Task List |
| Authors | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer Nancy Slater / DOE OCRWM / |
| Author Recipient Relationship | The author is an attorney with the DOE OGC. The recipients are YMP personnel responsible for preparation of the contemplated document. |
| Purpose Of Document | Comments from DOE OGC providing legal counsel on the draft of the KTI Practice Q's |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALH.20040615.8032 |
| LSN Accession Number | DN2002330246 |
| Doc Date | 20011105 |
| Title | Re: Groundwater Issue Paper |
| Subject Matter Description | Email re Groundwater Issue Paper |
| Authors | Martin, Kathleen O. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Author Recipient Relationship | The author and recipient are two attorneys in the DOE OGC who work on the YMP. |
| Purpose Of Document | Email reciting legal advice given by K. Martin re Groundwater Issue Paper |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALH.20040615.9574 |
| LSN Accession Number | DN2002329493 |
| Doc Date | 20030916 |
| Title | Volcanic Events TBD |
| Subject Matter Description | The document concerns the draft Technical Basis Document referenced in the title. |
| Authors | DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney |
| Recipients | Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Hackett, William R. / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Krier, Donathon / BSC Repository Development - Subcontractor Department / Los Alamos National Laboratory (LANL) Data Verification Analyst Sanchez, Alex / BSC Repository Development - Performance Assessment / Sandia National Laboratory (SNL) Limited Term Tech Staff |

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| | Smistad, Eric / DOE / OCRWM Official |
| Author Recipient Relationship | The author is an attorney with the DOE OGC who works on YMP matters. The recipients are YMP personnel who have responsibility for the referenced draft document. |
| Purpose Of Document | Attorney memorandum prepared by Nick DiNunzio of DOE OGC providing confidential legal advice supporting a regulatory and licensing review of the Volcanism Technical Basis Document. |
| Confidentiality Statement | The document is marked Attorney Client Communication and Privileged & 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. |
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| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALH.20040617.5861 |
| LSN Accession Number | DN2002337101 |
| Doc Date | 20000912 |
| Title | SNFissues09-12 |
| Subject Matter Description | This paper addresses the licensing strategy for DOE SNF. |
| Authors | Stambaugh, Roberta / SNL / |
| Recipients | Bailey, Jack/ BSC Repository Development - Integration/ Beckman, Donald/ BSC Repository Development - KTI Completion Team/ Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Bruno, Thomas / / Burgoyne, Robert/ MTS - Transportation/ Carlson, James/ DOE - OCRWM/ Clark, Robert W./ DOE - OCRWM/ Clouet, John / TRW / M&O Contractor Draffin, Cyril / TRW / M&O Contractor Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Evans, Deborah Gomberg, Steve/ DOE - OCRWM Office of Waste Management/ Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Howard, Robert L./ TRW / M&O Contractor Murthy, Beesabathuni S./ DOE - OCRWM Office of Quality Assurance/ Pollog, Thomas / RW/DOE / Papa, Markus A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/ Scott, Michael L./ TRW / M&O Contractor Senderling, Mark S./ DOE - OCRWM Office of Acquisition Strategy/ Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ Slater, Nancy/ TRW / M&O Contractor Sweeney, Timothy / TRW / M&O Contractor Vance, Scott / TRW/JAI / M&O Contractor Vlahakis, John/ DOE/ Whetsel, R. / TRW / M&O Contractor Zabransky, Dave K./ DOE - OCRWM/ |
| Author Recipient Relationship | The author and recipients are DOE contractor personnel and DOE personnel who work on the YMP who were tasked to perform the requested analysis. |
| Purpose Of Document | Present discussion points relative to the licensing strategy for DOE SNF. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |

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| Participant Accession No. | ALH.20040617.9111 |
| LSN Accession Number | DN2002470503 |
| Doc Date | 20000724 |
| Title | Re: DOE SNF WHITE PAPER |
| Subject Matter Description | The document concerns a draft strategy paper entitled "Approach to Including U.S. Department of Energy Spent Nuclear Fuel in the Monitored Geologic Repository Site Recommendation and License Application." |
| Authors | Draffin, Cyril / TRW / M&O Contractor |
| Recipients | Bruno, Thomas / / Burgoyne, Robert/ MTS - Transportation/ Carlson, James/ DOE - OCRWM/ Clouet, John / TRW / M&O Contractor Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Morissette, Richard /DOE/ Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/ Slater, Nancy / DOE/RW / Sweeney, Timothy / TRW / M&O Contractor Vlahakis, John/ DOE/ Zabransky, Dave K./ DOE - OCRWM/ |
| Author Recipient Relationship | The authors and recipients are DOE and DOE contractor personnel responsible for preparation of the referenced strategy white paper. |
| Purpose Of Document | The purpose of the email is to transmit a copy of the referenced draft strategy paper and provide the author's opinions and recommendations on the proposed strategy in the draft white paper. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALI.20040617.3328 |
| LSN Accession Number | DN2002338009 |
| Doc Date | 19980717 |
| Title | Valcom |
| Subject Matter Description | This document conveys counsel's comments on the draft of Volume 1 of the Viability Assessment |
| Authors | Rives, Susan / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Brodeur, Mary/ DOE-OCRWM King, Jerry L./ BSC Repository Development - Conversion/ Sullivan, Timothy / DOE / Brookhaven National Laboratories Summerson, Jane R./ DOE - OCRWM Office of Acquisition Strategy/ |
| Author Recipient Relationship | The author is an attorney with the DOE OGC. The recipients are DOE officials and DOE contractors responsible for the document that is the subject of counsel's advice. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
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| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | ALI.20040617.6338 |
| LSN Accession Number | DN2002332887 |
| Doc Date | 20000714 |
| Title | DOESNF3 |
| Subject Matter Description | The document concerns a strategy for inclusion of DOE SNF in the YM repository. |
| Authors | Draffin, Cyril / TRW / M&O Contractor |
| Recipients | Bailey, Jack/ TRW - Integration/ M&O Contractor Broccoum, Steve / OCRWM / |

Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/
 Bruno, Thomas/ BAH/MTS/
 Burgoyne, Robert/ MTS - Transportation/
 Carlson, James/ DOE - OCRWM/
 Clark, Robert W./ DOE - OCRWM/
 Clouet, John / TRW / M&O Contractor
 Draffin, Cyril / TRW / M&O Contractor
 Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
 Gunter, Timothy/ DOE - OCRWM Office of Repository Development/
 Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/
 Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/
 Morissette, Richard /DOE/
 Pollog, Thomas / RW/DOE /
 Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/
 Scott, Michael L./ TRW / M&O Contractor
 Slater, Nancy / DOE/RW /
 Sweeney, Timothy / TRW / M&O Contractor
 Vlahakis, John/ DOE/
 Zabransky, Dave K./ DOE - OCRWM/

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| Author Recipient Relationship | The authors and recipients are DOE and DOE contractor personnel responsible for preparation of the referenced strategy white paper. |
| Purpose Of Document | The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision. It presents the issues to be addressed and recommends a strategy for dealing with the identified issues. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALK.20040612.8412 |
| LSN Accession Number | DN2002337349 |
| Doc Date | 20040115 |
| Title | 5.5 Draft B (comments) |
| Subject Matter Description | This document is a draft of SAR section 5.5 (Plans for Startup Activities and Testing). |
| Authors | Self, Jerry G./ BSC Repository Development - Conversion/ |
| Recipients | Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates Program Manager Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst |
| Author Recipient Relationship | The authors of the comments are members of the BSC Licensing organization and the recipients are BSC employees with responsibility for the draft documents as to which the authors have commented. |
| Purpose Of Document | The purpose of this document is to convey comments and recommended changes to draft SAR section 5.5 |
| Confidentiality Statement | Marked Preliminary Draft 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. |
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| Other Privilege Types | DPP |
| Participant Accession No. | ALL.20040612.0172 |
| LSN Accession Number | DN2002332912 |
| Doc Date | 20020429 |
| Title | YMRP |
| Subject Matter Description | The subject matter is the Yucca Mountain Review Plan. |
| Authors | DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney |

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| | Licensing Counsel (consolidated comments) |
| Recipients | Gomberg, Steve/ DOE - OCRWM Office of Waste Management/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer London, Dwayne / / Martin, Kathleen O./ DOE - Office of General Counsel (OGC)/ Attorney McRae, James B./ DOE - Office of General Counsel (OGC)/ Attorney Murthy, Beesabathuni S. (Ram) / DOE - OCRWM Office of Quality Assurance / Quality Systems and Engineering Group Member (Quality Assurance Specialist) Opelski, Edward / / Reynolds, Cathy / DOE OGC / Attorney Schmit, Jim / / Slater, Nancy / DOE/RW / |
| Author Recipient Relationship | Authors and recipients are licensing attorneys and DOE employees or contractors responsible for developing licensing strategy and portions of the draft license application. |
| Purpose Of Document | The purpose of the document is to provide consolidate comments from licensing counsel on the Yucca Mountain Review Plan and how that document may be used to review the license application. |
| Confidentiality Statement | 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-ATT REPORT |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | ALL.20040612.8848 |
| LSN Accession Number | DN2002335196 |
| Doc Date | 20030626 |
| Title | trd_sar_511_wMCB&DKcomments |
| Subject Matter Description | SAR 5.11 Operational Radiation Protection Program |
| Authors | McIlvaine, Jim/ BSC Repository Development - License Application/ |
| Recipients | Carl Jr., William F. / BSC Repository Development - Program Health Physicists / BSC Program Health Physicist Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist |
| Author Recipient Relationship | The author and recipients are DOE employees and contractors with responsibility for the subject draft SAR section. |
| Purpose Of Document | Comments on draft SAR., chapter 5:Administrative & Programmatic Requirements |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALM.20040612.8185 |
| LSN Accession Number | DN2002330045 |
| Doc Date | 20030117 |
| Title | trd_sar_57 MTS cmts |
| Subject Matter Description | The subject matter is Yucca Mountain Repository Safety Analysis Report, Chapter 5: Administrative Requirements (Section 5.7 Emergency Planning) and MTS comments on the draft. |
| Authors | MTS |
| Recipients | Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Other DOE employees and contractors responsible for the subject draft LA section |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft LA section. |
| Purpose Of Document | The purpose is to draft MTS comments on the subject draft SAR section. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); |

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| | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALO.20040612.3074 |
| LSN Accession Number | DN2002333718 |
| Doc Date | 19980909 |
| Title | Re: Q and A |
| Subject Matter Description | The document concerns the ground-water travel time at the YM site. |
| Authors | Nutt, Mark / Golder Associates / |
| Recipients | Cline, Mike L. / TRW / M&O Contractor Dove, Harvey / TRW / M&O Contractor Gamble, Robert / MTS / Google: MTS/Booz-Allen Support Contract Linden, Ronald / MTS - Science / Golder Associates Geological/Mining Engineer Mukhopadhyay, Bimal / MTS - Science / Golder Associates Team Lead Murray, Robert / MTS - Regulatory / Booz Allen Hamilton (BAH) Geological/Mining Engineer Zwahlen, Eric / TRW / M&O Contractor |
| Author Recipient Relationship | The author and recipients are YMP personnel who were asked to assist in answering a question from DOE counsel. |
| Purpose Of Document | The document is part of an email chain between Mark Nutt and Harvey Dove, to answer a question raised by the DOE Office of General Counsel. Counsel asked the question to assist it in advising DOE with respect to an issue concerning the Viability Assessment. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | ALO.20040612.5206 |
| LSN Accession Number | DN2002337925 |
| Doc Date | 20000410 |
| Title | Re: What to say in response to peak dose comments |
| Subject Matter Description | The subject matter of the email is two proposed approaches in decision papers regarding the time period to be addressed in the SAR, the LA, and the EIS in terms of the compliance dose calculation. |
| Authors | Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy/ |
| Recipients | Andrews, Robert W. / / Dixon, Paul R. / / Eslinger, Paul Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office/ Lester, David / SNL/Jason / Mellington, Suzanne P. / DOE - OCRWM Office of Business Support and Resource Management/ Newbury, Claudia M. / DOE - OCRWM Office of Repository Development/ Royer, Dennis / DOE/RW West / Skipper, Kenneth/ USGS / Smistad, Eric / DOE / OCRWM Official Spence, Dick / DOE/RW / Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy/ Wikjord, Alf/ DOE/ Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing. |
| Author Recipient Relationship | The authors are two DOE OCRWM officials. The recipients are other DOE OCRWM officials and DOE M&O contractor personnel with responsibility for assisting DOE prepared responses on the proposed peak dose regulations. |
| Purpose Of Document | The purpose of the document is to further discuss the approaches proposed for decision and how to handle ongoing work while awaiting decision. |
| Confidentiality Statement | The email chains was among YM project personnel with input into the proposed decision and with a need to know how to handle ongoing work while awaiting decision. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALR.20040612.2305 |
| LSN Accession Number | DN2002330549 |
| Doc Date | 20000714 |

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| Title | DOESNF3 |
| Subject Matter Description | The document concerns a draft strategy paper to address the inclusion of U.S. Department of Energy Spent Nuclear Fuel in the YM repository in light of lack of qualified characteristics data. |
| Authors | Slater, Nancy/DOE OCRWM |
| Recipients | Bailey, Jack/ TRW / M&O Contractor Broccoum, Steve Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Bruno, Thomas / / Burgoyne, Robert/ MTS - Transportation/ Carlson, James/ DOE - OCRWM/ Clark, Robert W./ DOE - OCRWM/ Clouet, John / TRW / M&O Contractor Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Pollog, Thomas / RW/DOE / Sweeney, Tim Zabransky, Dave K./ DOE - OCRWM/ |
| Author Recipient Relationship | Authors and recipients are DOE employees and contractors responsible for the subject draft strategy paper. |
| Purpose Of Document | The document conveys the author's comments on the referenced white paper, which addresses the strategy for licensing the repository to accept DOE SNF. |
| Confidentiality Statement | This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL-ATT LIST REPORT |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALU.20040617.8433 |
| LSN Accession Number | DN2002479243 |
| Doc Date | 19990512 |
| Title | PRIORI61 |
| Subject Matter Description | Proposed model for and initial start on anticipated reprioritization of work from that in Vol. 4 of the Viability Assessment |
| Authors | Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ |
| Recipients | Andrews, Robert W. / / Benton, Hugh/ DOE - OCRWM Office of Waste Management/ Bovardsson, Bo / LLNL / Boyle, William J/ DOE - OCRWM Office of Repository Development/ Cline, Mike L./ TRW / M&O Contractor Craw, Richard Cushey, Mark / DOE - CRWMS / Dobson, David/ / Eddebbbarh, Al / SNL / Fish, Robert/ MTS - Engineering/ George, Stephen / TRW / M&O Contractor Gil, April V./ DOE - OCRWM Office of Repository Development/ Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Hanlon, Carol/ DOE - OCRWM Office of License Application & Strategy/ Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/ Hayes, Larry / USGS & TRW / M&O Contractor Hayes, Larry / USGS & TRW / M&O Contractor Henning, Roger J. / / Hoxie, Dwight/ / King, Jerry L. / / Lum, Clinton C. / / Mukhopadhyay, Bimal / SNL / Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Nutt, Mark/ Golder Associates/ |

Oberlander, Phil
Patterson, Russ / DOE/RW /
Peters, Mark/ /
Richardson, Dennis C./ /
Rickertsen, Larry D./ /
Rogers, Ralph D./ TRW / M&O Contractor
Scott, Michael L./ TRW / M&O Contractor
Simmons, Ardyth / Los Alamos National Laboratory (LANL) Analyst/Modeler, Scientific
Sullivan, Mary Anne/ DOE - Office of General Counsel (OGC)/ Attorney
Tsang, Yvonne / DOE - CRWMS /
Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/
Voegele, Michael D./ /
Wang, Joe / Lawrence Berkeley National Laboratory (LBNL) Preclosure Design Integration Team Member
Weber, Ellyn / Innovations /
Wemheuer, Robert / TRW / M&O Contractor
Wilder, L
Wilkjard, Alf / TRW/AECL / M&O Contractor
Zwahlen, Eric / TRW / M&O Contractor

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| Author Recipient Relationship | The author and recipients are all Yucca Mountain Project personnel with responsibility for work product that must be prioritized for purposes of preparation of the site recommendation and the License Application. |
| Purpose Of Document | The document's stated purpose is to provide a high level initial start on and example of an expected full reprioritization of work from that given in Vol. 4 of the Viability Assessment for purposes of preparing the Site Recommendation and the License Application. |
| Confidentiality Statement | 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-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | ALZ.20040617.2818 |
| LSN Accession Number | DN2002330666 |
| Doc Date | 20030602 |
| Title | Re: First Cut - Licensing Position |
| Subject Matter Description | The subject matter is comments on a draft licensing position paper addressing the parameters for considering seismic initiating events under applicable regulations. |
| Authors | King, Jerry L. / BSC Repository Development - Site Recommendation / BSC Project Manager |
| Recipients | Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist Coppersmith, K. / / Coppersmith Consulting, probabilistic seismic hazard analysis Lindner, Ernest N. / BSC Repository Development - Systems Engineering & Integration / BSC Senior Engineering Specialist Orvis, Douglas D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist Pendleton, Martha W. / BSC Repository Development - Geologists / BSC Principal Engineer I Pernisi, Richard / BSC / Quittmeyer, Richard C. / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Richardson, Dennis C. / BSC Repository Development - Project Engineers / BSC Project Engineer Savino, John / MTS/BAH / Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist |
| Author Recipient Relationship | The author and recipients are DOE and DOE M&O contractor personnel who work on the YMP and have responsibility for preparation of the subject document. |
| Purpose Of Document | To convey the email author's comments on the draft paper and ultimate the parameters for considering seismic initiating events under applicable regulations. |
| Confidentiality Statement | The document was authored by and provided to Yucca Mountain project personnel with responsibility for the subject draft licensing position paper. This document was transmitted on a secured, password protected email system that limited distribution to the named recipients. |
| Doc Type | EMAIL |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | LLR.20070702.0102 |
| LSN Accession Number | DN2002479135 |
| Doc Date | 20070626 |

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| Title | PA/QA DEFENSIBILITY TEAM - AMER REVIEW COMMENT SHEET FOR ANALYSIS OF HYDROLOGIC PROPERTIES DATA (C) |
| Subject Matter Description | The document concerns the ANALYSIS OF HYDROLOGIC PROPERTIES DATA AMR. |
| Authors | Lum, Clinton C. / Sandia National Laboratory (SNL) Geology Pickens, John/Sandia/ |
| Recipients | Records Processing Center |
| Author Recipient Relationship | The authors are personnel with Sandia 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, to assist DOE prepare for the licensing proceeding. |
| 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 | REVIEW |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | Proprietary |
| Participant Accession No. | MOL.20020621.0289 |
| LSN Accession Number | DN2002332993 |
| Doc Date | 20011126 |
| Title | YUCCA MOUNTAIN SITE SUITABILITY EVALUATION, PRE-PRELIMINARY DRAFT A, NOVEMBER 21, 2001, OGC COMMENTS (A. CAPOFERRI, N. DINUZIO, K. MARTIN) (C) |
| Subject Matter Description | Document provides DOE OGC legal analysis and advice on Draft Yucca Mountain Site Suitability Evaluation. |
| Authors | Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE- Attorney Martin, Kathleen O. / DOE - Office of General Counsel (OGC) / Attorney |
| Recipients | Licensing Attorneys and YMP Project Personnel |
| Author Recipient Relationship | Authors and recipients are YMP project personnel with responsibility for the draft document. |
| Purpose Of Document | Purpose of document is to provide confidential attorney legal analysis and advice on draft of YMP Site Suitability Evaluation. |
| Confidentiality Statement | 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 | REPORT REVIEW |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-attorney to client |
| Participant Accession No. | MOL.20040510.0172 |
| LSN Accession Number | DN2002335740 |
| Doc Date | 20040324 |
| Title | BSC LICENSING POSITION, RECYCLING OF RADIONUCLIDES AT THE LOCATION OF THE REASONABLY MAXIMALLY EXPOSED INDIVIDUAL |
| Subject Matter Description | Recommendation for position that DOE should take in the licensing proceeding regarding recycling of radionuclides at the location of the REMI. |
| Authors | Cereghino, Stephen J. / BSC Repository Development - Licensing /Senior Project Manager |
| Recipients | Andrews, Robert W. / BSC Repository Development - Performance Assessment /Senior Project Manager LUCAS L.L. / BSC MASON M.J. / BSC WHITCRAFT J.S. / BSC Williams, Nancy H. / BSC Repository Development /Manager of Projects Yunker, Jean L. / BSC Repository Development - Chief Science Officer /Manager of Technology I |
| Author Recipient Relationship | The authors and recipients are all personnel with DOE's M&O contractor for the YMP. |
| Purpose Of Document | The document conveys BSC's recommended position on the referenced topic. |
| Confidentiality Statement | Distribution of the document was limited to managers within BSC who work on aspects of the license application potentially affected by the licensing position and who have a need to know it. |
| Doc Type | CORRESPONDENCE |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | MOL.20050524.0019 |
| LSN Accession Number | DN2002331755 |
| Doc Date | 20050523 |
| Title | REVIEW COMMENTS FOR LA SECTION: SAR-01.02.07, MISCELLANEOUS PLANT FACILITIES (C) |

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| Subject Matter Description | REVIEW COMMENTS FOR LA SECTION: SAR-01.02.07, MISCELLANEOUS PLANT FACILITIES (C) (Preliminary Draft, Yucca Mountain Safety Analysis Report) |
| Authors | Lydic, Margaret J. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II |
| Recipients | DOE employees and contractors responsible for the subject draft SAR section / |
| Author Recipient Relationship | The author is with DOE's M&O contractor for the Yucca Mountain Project. The recipients are DOE employees and contractors who have responsibility for the draft SAR section. |
| Purpose Of Document | The document provides comments and recommendations on draft LA chapter 1.2.7 proposing changes to that section to assist DOE in preparation of filing its license application in the high-level waste proceeding, and reflects information that DOE relies upon in deciding the final contents of the license application. |
| Confidentiality Statement | Marked Predecisional Draft - Internal Use Only - Do Not Disseminate 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | MOL.20050524.0049 |
| LSN Accession Number | DN2002332035 |
| Doc Date | 20050523 |
| Title | REVIEW COMMENTS FOR LA SECTION: SAR-01.05.02, GENERAL DESCRIPTION OF WASTE PACKAGES AND THEIR COMPONENTS (C) |
| Subject Matter Description | The subject matter is a draft SAR section: SAR-01.05.02 (General Description of Waste Package and Its Components), and contains comments provided by project personnel responsible for developing this portion of the license application. |
| Authors | Project personnel who have responsibility over the subject matter of this draft SAR |
| Recipients | Project personnel who have responsibility over the subject matter of this draft SAR |
| Author Recipient Relationship | The authors are project personnel knowledgeable in the subject matter of this draft SAR section and are providing comments for consideration to other project personnel responsible for developing this portion of the license application. |
| Purpose Of Document | The purpose of the document is to provide comments and recommended changes by project personnel on a draft SAR section: SAR-01.05.02. |
| Confidentiality Statement | 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 | REVIEW |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | MOL.20050524.0080 |
| LSN Accession Number | DN2002330833 |
| Doc Date | 20050523 |
| Title | REVIEW COMMENTS FOR LA SECTION: SAR-02.03.07, WASTE FORM DEGRADATION AND IN-DRIFT RADIONUCLIDE TRANSPORT (C) |
| Subject Matter Description | Draft SAR section 2.03.07 with comments from B. Andrews. |
| Authors | Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager |
| Recipients | Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I Ziegler, Joseph/DOE OCRWM/Licensing Director |
| Author Recipient Relationship | The recipients are Yucca Mountain Project personnel who have responsibility for the development of the draft LA/SAR that is the subject of BSC Senior Project member's advice. |
| Purpose Of Document | The purpose of this document is to convey the comments of Robert Andrews on draft SAR section 2.03.07, Waste Form Degradation and In-Drift Radionuclide Transport. |
| Confidentiality Statement | Marked Predecisional Draft - Internal Use Only - Do Not Disseminate 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | MOL.20050524.0092 |
| LSN Accession Number | DN2002330436 |
| Doc Date | 20050523 |

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| Title | REVIEW COMMENTS FOR LA SECTION: SAR-05.00, ADMINISTRATIVE AND PROGRAMMATIC REQUIREMENTS (C) |
| Subject Matter Description | The subject matter is section 5 of the draft SAR (Administrative and Programmatic Requirements), and the document conveys comments on that draft section. |
| Authors | DOE employees and contractors responsible for the draft SAR section |
| Recipients | DOE employees and contractors responsible for the draft SAR section |
| Author Recipient Relationship | The comments are prepared by project personnel knowledgeable regarding this section of the draft LA to project personnel responsible for preparing the LA. |
| Purpose Of Document | The purpose of the document is to provide reviewer comments and recommends changes to draft SAR Section 5. |
| Confidentiality Statement | Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | MOL.20050526.0004 |
| LSN Accession Number | DN2002333463 |
| Doc Date | 20050523 |
| Title | ATTORNEY REVIEW COMMENTS FOR LA SECTION: GI-2.00, PROPOSED SCHEDULES FOR CONSTRUCTION, RECEIPT, AND EMPLACEMENT OF WASTE (C) |
| Subject Matter Description | PROPOSED SCHEDULES FOR CONSTRUCTION, RECEIPT, AND EMPLACEMENT OF WASTE |
| Authors | Fillmore, Robert M. / Hunton & Williams, LLP / Attorney |
| Recipients | Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney |
| Author Recipient Relationship | The author is a DOE OGC outside attorney and the recipient is a DOE OGC attorney, who are in a lawyer-client relationship. |
| Purpose Of Document | To provide the commenting attorney's legal advice and analysis of the subject draft LA section. |
| Confidentiality Statement | Marked Predecisional Draft - Internal Use Only - Do Not Disseminate 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-other (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | MOL.20050526.0019 |
| LSN Accession Number | DN2002329903 |
| Doc Date | 20050523 |
| Title | ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.04.01, ELECTRIC POWER (C) |
| Subject Matter Description | The subject matter of this document is the electric power section (01.04.01) of the SAR, and it contains attorney comments on this section. |
| Authors | Licensing attorneys knowledgeable about draft SAR section 1.4.1 N/A / N/A / |
| Recipients | Project personnel responsible for developing SAR section 1.4.1 |
| Author Recipient Relationship | Licensing attorneys provided these comments on the draft SAR section to project personnel responsible for developing licensing strategy and the license application. |
| Purpose Of Document | The purpose of the document is to transmit attorney comments on draft SAR section 1.4, and contains legal advice on the referenced draft document. |
| Confidentiality Statement | Marked Preliminary Draft 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | MOL.20050526.0022 |
| LSN Accession Number | DN2002337225 |
| Doc Date | 20050523 |
| Title | ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.04.04, PLANT SERVICES (C) |

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| Subject Matter Description | Document provides Attorney Review Comments on Draft SAR Section 01.04.04 (Plant Services). |
| Authors | N/A / Hunton & Williams, LLP / Attorney |
| Recipients | Project personnel responsible for developing SAR section 1.4.4 |
| Author Recipient Relationship | Comments by Hunton & Williams licensing attorneys to project personnel responsible for preparing the licensing application. |
| Purpose Of Document | Purpose of the document is to provide confidential attorney advice and comments on Draft SAR Section |
| Confidentiality Statement | Marked Privileged and Confidential Marked Predecisional Draft Marked Internal Use Only Marked Do Not Disseminate 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client DPP; |
| Participant Accession No. | MOL.20050526.0037 |
| LSN Accession Number | DN2002334088 |
| Doc Date | 20050523 |
| Title | ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-02.03.01, CLIMATE AND INFILTRATION (C) |
| Subject Matter Description | CLIMATE AND INFILTRATION |
| Authors | Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney |
| Recipients | Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Nuclear Engineer |
| Author Recipient Relationship | The authors are DOE OGC's outside attorneys and the recipient is an OCRWM employee with responsibility for the subject SAR section. |
| Purpose Of Document | Provide attorneys' legal advice and analysis regarding licensing positions to be taken on the subject matter of the draft LA section and its form and content. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (OPINION); |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | MOL.20050526.0041 |
| LSN Accession Number | DN2002336218 |
| Doc Date | 20050523 |
| Title | ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-02.03.05, IN-DRIFT CHEMICAL ENVIRONMENT (C) |
| Subject Matter Description | DOE OGC and outside counsel's comments and legal advice on draft SAR Section 02.03.05. |
| Authors | Holloway, John / Hunton & Williams, LLP / Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney |
| Recipients | Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer |
| Author Recipient Relationship | The authors and recipients are DOE OGC and outside counsel responsible for providing legal advice and comments on the subject SAR section. |
| Purpose Of Document | The purpose of the document is to provide legal advice regarding the proposed licensing positions in and form and content of the draft SAR Section. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Attorney Work Product Marked Attorney-Client Communication Marked Predecisional Draft - IUO- Do Not Disseminate 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. |
| Doc Type | REVIEW |
| LWP Privilege Types | LWP-prepared by attorney (FACT); |

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| | LWP-prepared by attorney (OPINION) |
| Other Privilege Types | ACP-attorney to client; ACP-discusses attorneys advice |
| Participant Accession No. | MOL.20050928.0126 |
| LSN Accession Number | DN2002337830 |
| Doc Date | 20050601 |
| Title | CONFIDENTIAL LITIGATION WORK PRODUCT SAR 2.3.6 COMMENTS |
| Subject Matter Description | The subject matter is section 2.3.6 of the draft SAR (Waste Package and Drip Shield Corrosion), and contains comments on that draft section. |
| Authors | Payer, Joseph H. / Case Western Reserve University / Professor |
| Recipients | Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Aquisition Division |
| Author Recipient Relationship | The author is a DOE contractor. The recipient is a DOE official in the Office of Repository Development with responsibility for the subject matter of the communication. |
| Purpose Of Document | The purpose of this document is to provide comments and recommended changes on this section of the draft SAR for consideration and response. |
| Confidentiality Statement | Marked Privileged and Confidential Marked Litigation Work Product Marked Attorney-Client Communication 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. |
| Doc Type | CORRESPONDENCE REVIEW |
| LWP Privilege Types | LWP-other (FACT); LWP-other (OPINION) |
| Other Privilege Types | DPP |
| Participant Accession No. | MOL.20070522.0122 |
| LSN Accession Number | DN2002479162 |
| Doc Date | 20070210 |
| Title | COMMENT SHEET FOR EVALUATION OF CONDITION REPORTS POTENTIALLY IMPACTING THE LICENSE APPLICATION (C) |
| Subject Matter Description | The document concerns and draft document with a plan for EVALUATION OF CONDITION REPORTS POTENTIALLY IMPACTING THE LICENSE APPLICATION |
| Authors | Trubatch, Sheldon/BSC/Attorney |
| Recipients | YMP personnel responsible for preparation of the referenced draft document |
| Author Recipient Relationship | The author is an attorney with DOE's M&O contractor for the Yucca Mountain Project. Counsel's comments were provided to the YMP personnel who have responsibility for preparation of the draft document that was the subject of counsel's advice. |
| Purpose Of Document | The document provides confidential legal advice on the referenced draft document, from the perspective of regulatory compliance and other legal issues. |
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