Deliberative Process Privileges

Participant Accession No.	**ALA.20040116.5018**
LSN Accession No.	**DN2002470585**
Doc Date	**20010403**
Title	**TECHNICAL TALKING POINTS REGARDING EPA STANDARD**
Subject Matter Description	**TECHNICAL TALKING POINTS REGARDING EPA STANDARD**
Author(s) Name/Org/Capacity	**Barrett, Lake H./ DOE - OCRWM Office of External Relations & Policy/**
Recipient(s)	**DOE Secretary of Energy**
Author Recipient Relationship	**Acting Director of OCRWM is providing information for the DOE Secretary of Energy for his consideration.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document provides information to the DOE Secretary of Energy concerning an upcoming meeting with the EPA regarding certain EPA standards for Yucca Mountain.**
Deliberation Explanation	**This document contains talking points that the OCRWM director has prepared for the Secretary's meeting with the EPA. These are briefing materials for the Secretary that he may rely on and they contain the suggested talking points that the Secretary may want to raise with the EPA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its contents would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040206.4635**
LSN Accession No.	**DN2002469963**
Doc Date	**19971210**
Title	**EPA RADIATION PROTECTION STANDARD FOR A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN**
Subject Matter Description	**EPA RADIATION PROTECTION STANDARD FOR A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN**
Author(s) Name/Org/Capacity	**Barrett, Lake H. / DOE - OCRWM Office of the Deputy Director / Acting Director** **Milner, Ronald/OCRFWM Office of Repository Development/Chief Operating Officer**
Recipient(s)	**Holstein, Elgie / OMB /** **Livingston, Ellen / /** **Wagner, M.L. / /** **Sullivan, Mary Anne / DOE - Office of General Counsel (OGC) / DOE Deputy General Counsel, Environmental and Nuclear Programs** **Brush, Peter / DOE /** **Weathers, Peg / /**
Author Recipient Relationship	**The authors and recipients are YMP project personnel, including an attorney in the DOE OGC, with responsibility for YMP issues including radiation protection standards.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns the positions and issues that should be raised by the DOE Secretary in a meeting with the NRC chairman.**
Deliberation Explanation	**This document recommends talking points and issues to be addressed during the DOE Secretary's meeting with the NRC chairman.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALA.20040206.4636**
LSN Accession No.	**DEN000930340**
Doc Date	**19971210**
Title	**ATTACHMENT A EPA RADIATION PROTECTION FOR A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN**
Subject Matter Description	**EPA RADIATION PROTECTION STANDARD FOR A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN**
Author(s) Name/Org/Capacity	**Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/ Milner, Ronald/OCRFWM Office of Repository Development/Chief Operating Officer**
Recipient(s)	**Brush, Peter / DOE / Holstein, Elgie / OMB / Livingston, Ellen / / Sullivan, Mary Anne / DOE - Office of General Counsel (OGC) / DOE Deputy General Counsel, Environmental and Nuclear Programs Wagner, M.L. / / Weathers, Peg / /**
Author Recipient Relationship	**The authors and recipients are YMP project personnel, including an attorney in the DOE OGC, with responsibility for YMP issues including radiation protection standards.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns the potential agency positions and issues that should be raised by the DOE Secretary in a meeting with the NRC chairman.**
Deliberation Explanation	**This document recommends talking points and issues to be addressed during the DOE Secretary's meeting with the NRC chairman. It privides the authors' subjective recommendations of what the DOE Secretary should state in an interagency communication with EPA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**REPORT**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALA.20040206.8407**
LSN Accession No.	**DN2002469415**
Doc Date	**20010403**
Title	**INFORMATION: MEMORANDUM FOR THE SECRETARY INFORMATION MEMORANDUM OF UNDERSTANDING (MOU) ON GROUNDWATER PROTECTION AT YUCCA MOUNTAIN**
Subject Matter Description	**Information: Memorandum of Understanding (MOU) on Groundwater Protection at Yucca Mountain**
Author(s) Name/Org/Capacity	**Barrett, Lake H. / DOE - OCRWM Office of the Deputy Director / Acting Director**
Recipient(s)	**Abraham, Spencer - DOE Secretary**
Author Recipient Relationship	**The author is the Executive Director of YMP and the recipient is the Secretary of Energy.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Examination of current options available regarding a separate groundwater standard**
Deliberation Explanation	**Discusses and evaluates criteria for evaluation of groundwater impacts, process, and duration for use in making a decision**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**ALA.20040206.8408**
LSN Accession No.	**DN2002468981**
Doc Date	**20010403**
Title	**APPENDIX A [EPA'S] FRAMEWORK OF AN MOA GROUND WATER PROTECTION AT YUCCA**
Subject Matter Description	**[EPA's]Framework of an MOA Ground Water Protection at Yucca**
Author(s) Name/Org/Capacity	**Barrett, Lake H. / DOE - OCRWM Office of the Deputy Director / Acting Director**
Recipient(s)	**Abraham, Spencer - DOE Secretary**
Author Recipient Relationship	**The author is the Executive Director of YMP and the recipient is the Secretary of Energy.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Examination of current options available regarding a separate groundwater standard**
Deliberation Explanation	**Provides information supporting discussion and evaluation criteria for evaluation of groundwater impacts, process, and duration for use in making a decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040206.8409**
LSN Accession No.	**DN2002470623**
Doc Date	**20010403**
Title	**APPENDIX B SUMMARY OF SELECTED MOU'S**
Subject Matter Description	**SUMMARY OF SELECTED Memorandum of Understanding(MOUs)**
Author(s) Name/Org/Capacity	**Barrett, Lake H. / DOE - OCRWM Office of the Deputy Director / Acting Director**
Recipient(s)	**Abraham, Spencer - DOE Secretary**
Author Recipient Relationship	**The author is the Executive Director of YMP and the recipient is the Secretary of Energy.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Examination of current options available regarding a separate groundwater standard**
Deliberation Explanation	**Provides information supporting discussion and evaluation criteria for evaluation of groundwater impacts, process, and duration for use in making a decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040207.7309**
LSN Accession No.	**DN2002330414**
Doc Date	**19991102**
Title	**TAB A DOE COMMENTS AND RESPONSES TO EPA QUESTIONS REGARDING PROPOSED INDIVIDUAL PROTECTION STANDARD ("IPS")**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Proposed Individual Protection Standard ("IPS")**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/**
Author Recipient Relationship	**The author and recipient are DOE employees with responsibility for the draft comments and responses.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.**
Deliberation Explanation	**The document contains recommended positions and comments respecting DOE's response to EPA Questions Regarding Proposed Individual Protection Standard ("IPS") to to assist DOE in deciding what agency position to adopt on the regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040207.7310**
LSN Accession No.	**DN2002337782**
Doc Date	**19991102**
Title	**TAB B DOE COMMENTS AND RESPONSES TO EPA QUESTIONS REGARDING PROPOSED GROUNDWATER RESOURCE PROTECTION STANDARD ("GPS")**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS")**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/**
Author Recipient Relationship	**The author and recipient are DOE employees with responsibility for the draft comments and responses.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.**
Deliberation Explanation	**The document contains recommended positions and comments respecting DOE's response to EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS") to assist DOE in deciding what agency position to adopt on the regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040207.7311**
LSN Accession No.	**DN2002330054**
Doc Date	**19991102**
Title	**TAB C DOE COMMENTS AND RESPONSES TO EPA QUESTIONS REGARDING PROPOSED HUMAN INTRUSION STANDARD ("HIS")**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Proposed Human Intrusion Standard ("HIS")**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/**
Author Recipient Relationship	**The author and recipient are DOE employees with responsibility for the draft comments and responses.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.**
Deliberation Explanation	**The document contains recommended positions and comments respecting DOE's response to EPA Questions Regarding Proposed Human Intrusion Standard ("HIS") to assist DOE in deciding what agency position to adopt on the regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040207.7312**
LSN Accession No.	**DN2002329394**
Doc Date	**19991102**
Title	**TAB D DOE COMMENTS AND RESPONSES TO EPA QUESTIONS REGARDING MISCELLANEOUS ISSUES CONCERNING THE PROPOSED YUCCA MOUNTAIN STANDARDS**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Miscellaneous Issues Concerning The Proposed Yucca Mountain Standards**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/**
Author Recipient Relationship	**The author and recipient are DOE employees with responsibility for the draft comments and responses.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.**
Deliberation Explanation	**The document contains recommended positions and comments respecting DOE's response to EPA Questions Regarding Miscellaneous Issues Concerning Proposed YM Standards to assist DOE in deciding what agency position to adopt on the regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040207.7313**
LSN Accession No.	**DN2002333694**
Doc Date	**19991102**
Title	**TAB E DOE COMMENTS ON THE BACKGROUND INFORMATION DOCUMENT FOR 40 CFR 197**
Subject Matter Description	**DOE Draft Comments on the Background Information Document for 40 CFR 197**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/**
Author Recipient Relationship	**The author and recipient are DOE employees with responsibility for the draft comments and responses.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.**
Deliberation Explanation	**The document contains recommended positions and comments respecting DOE's response to EPA Background Information Document for 40 CFR 197 to assist DOE in deciding what agency position to adopt on the regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**DATA** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040221.4170**
LSN Accession No.	**DN2002333653**
Doc Date	**20030411**
Title	**EVALUATION OF ALTERNATIVE WASTE FORMS FOR POSSIBLE INCLUSION IN REPOSITORY**
Subject Matter Description	**EVALUATION OF ALTERNATIVE WASTE FORMS FOR POSSIBLE INCLUSION IN REPOSITORY**
Author(s) Name/Org/Capacity	**Voss, Charles/ Golder & Associates /** **Shaffner, J. / Parallax Inc /** **Miller, Michael A., P.E./ Booz Allen Hamilton** **Zubajlo, Ruthie K. / Booz Allen Hamilton/** **Seitz, Martin/ Booz Allen Hamilton/** **Fomous, John/ Booz Allen Hamilton/** **Hanson, Christopher / Booz Allen Hamilton/** **Breault, Andrea / Booz Allen Hamilton/** **Rowe, Patrick/ MTS - Engineering & Design & Preclosure Safety Analysis/** **Hennessy, William / Shaw Group/Stone & Webster /** **Henkel, Charles / Shaw Group/Stone & Webster /** **Nutt, Mark/ Golder & Associates/**
Recipient(s)	**OCRWM Office of Systems Analysis and Strategy Development**
Author Recipient Relationship	**The authors are contractors of DOE who were tasked by OCRWM to prepare the analysis of the subject report.. The recipient is DOE's OCRWM Office of Systems Analysis and Strategy Development that has responsibility for the subject matter of the report.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This documents identifies for DOE's decision programmatic concerns and provides recommendations concerning the suitability of adding stabilized plutonium and untreated sodium-bonded spent nuclear fuel as waste forms for inclusion in the repository baseline.**
Deliberation Explanation	**This document provides the authors' recommendations and opinions on the position DOE's OCRWM Office of Systems Analysis and Strategy Development should take on the addition of the waste forms to the YM repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not discuss facts as such. It makes various assumptions and provides analysis based on those assumptions.**
Doc Type	**DATA** **DRAWING** **FINANCIAL STATEMENT** **MEETING AID** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040227.8764**
LSN Accession No.	**DN2002337076**
Doc Date	**19970117**
Title	**PREDECISIONAL DRAFT. COMMENTS ON DISPOSAL CRITICALITY ISSUES**
Subject Matter Description	**Paper addresses screening event sequences and eliminating highly unlikely ones from criticality evaluations, limiting the likelihood of criticality events, and using a conservative margin applied to results of criticality analyses.**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H. / DOE - OCRWM /**
Recipient(s)	
Author Recipient Relationship	**The author is a DOE OCRWM official who has responsibility for developing licensing positions and strategies for DOE.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The paper contains information regarding screening event sequences and eliminating highly unlikely ones from criticality evaluations, limiting the likelihood of criticality events, and using a conservative margin applied to results of criticality analyses.**
Deliberation Explanation	**The paper provides opinions on draft positions on the following issues: screening event sequences and eliminating highly unlikely ones from criticality evaluations, limiting the likelihood of criticality events, and using a conservative margin applied to results of criticality analyses.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document consists of the author's subjective opinions and disclosure of its contents would reveal the author's opinions on the draft and the reasons for those opinions, and the positions under consideration by DOE.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040308.7968**
LSN Accession No.	**DN2002457999**
Doc Date	**20021030**
Title	**MODULAR CONSTRUCTION SYSTEM EVALUATION PRE- DECISIONAL STUDY**
Subject Matter Description	**Design study that recommends repository design options to support receipt and/or emplacement of CSNF, HLW, and DOE-managed SNF.**
Author(s) Name/Org/Capacity	**Gillespie, Scott G./ BSC Repository Development - Conversion/ Williams, Nancy H./ BSC Repository Development/ Benz, Edward F./ BSC Repository Development - Chief Science Officer/ Siefken, David L./ BSC Repository Development - Program Integration/**
Recipient(s)	**Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cotton, Thomas/ BSC Repository Development - Program Integration/ Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Mellington, Suzanne P./ DOE - OCRWM Offcie of Business Support and Resource Management/ Ziegler, Joseph/DOE OCRWM/Licensing Director**
Author Recipient Relationship	**The authors are personnel with the the DOE MTO contractor for the YMP. The recipients are DOE officials who are responsible for the subject matter of the document, and other MTO personnel assisting DOE on the matter.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This evaluation was presented to DOE for its review for DOE's use in selecting a repository design to support receipt and/or placement of CSNF, HLW, DOE-managed SNF. It precedes DOE's decision on which option to choose.**
Deliberation Explanation	**This document is deliberative because it presents several scenarios for DOE to consider. It was prepared by DOE's contractor for DOE, and presents the analysis, opinions and recommendations of the contractor. It is the type of document and information that DOE relies upon in its decisional process.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA DRAWING LIST PHOTOGRAPH REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040324.6722**
LSN Accession No.	**DN2002334742**
Doc Date	**20001212**
Title	**PORB POSITION PAPER**
Subject Matter Description	**The document concerns selection of a temperature operating mode for the YM repository.**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Director** **Mellington, Suzanne P. / DOE - OCRWM Office of Project Execution / Lead**
Recipient(s)	**PORB**
Author Recipient Relationship	**The authors are YMP project personnel.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should select and analyze a representative lower temperature operating mode in the Site Recommendation Report as an alternative to the base case.**
Deliberation Explanation	**The document provides the authors' recommendations on the topic, the authors' opinions on various potential scenarios that could be considered, the potential advantages of each, and assessments of the estimated cost of each.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual section or other factual information. It presents potential scenarios and subjective opinions about them.**
Doc Type	**DATA** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040326.0618**
LSN Accession No.	**DN2002332965**
Doc Date	**19930421**
Title	**COMMENTS ON STRAWMAN POSITIONS ON ISSUES RELATED TO THE NAS STUDY OF STANDARDS FOR YUCCA MOUNTAIN**
Subject Matter Description	**The subject is the NAS Study of Standards for the YMP.**
Author(s) Name/Org/Capacity	**Pflum, Chris G. / Science Applications International Corporation /**
Recipient(s)	**Gertz, Carl / DOE - Yucca Mountain Site Characterization Project / Project Manager** **Boak, J. M. / YMP /** **Nesbit, Steven / TRW /** **Christ, Janet B./ BSC Repository Development - Conversion/** **Cloke, P.L.-SAIC** **Adams, Pamela/ BSC Repository Development - Event Cat & Rel Analyses/** **Gil, April V. / DOE - OCRWM Office of Repository Development /** **Jones, Susan / DOE - OCRWM / Scientific Programs Lead** **Lugo, Michael / BSC Repository Development - Site Recommendation / Senior Staff Member** **Voegele, Michael D. / BSC Repository Development - Conversion / BSC Program Manager**
Author Recipient Relationship	**The author and recipients are DOE employees and contractors with licensing-related responsibility for the subject of the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Positions on issues that are potentially licensing-related.**
Deliberation Explanation	**The author is identifying issues that are potentially licensing-related and providing responses to or comments on those issues.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040518.2310**
LSN Accession No.	**DN2002336338**
Doc Date	**20030130**
Title	**OVERVIEW OF SCENARIOS AND EVALUATION CRITERIA FOR THE REPOSITORY ALTERNATIVE OPERATING SCENARIOS SYSTEM STUDY PRE-DECISIONAL STUDY**
Subject Matter Description	**OVERVIEW OF SCENARIOS AND EVALUATION CRITERIA FOR THE REPOSITORY ALTERNATIVE OPERATING SCENARIOS SYSTEM STUDY PRE-DECISIONAL STUDY**
Author(s) Name/Org/Capacity	**Cotton, Thomas/ BSC Repository Development - Program Integration/ Gillespie, Scott G./ BSC Repository Development - Conversion/ Siefken, David L./ BSC Repository Development - Program Integration/ Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/**
Recipient(s)	**Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Wells, Wiley / BSC /**
Author Recipient Relationship	**The authors and recipients are personnel working on the YMP involved in the decision-making process for selecting the appropriate operating scenario or scenarios.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information is the recommended set of scenarios to be used in a study to identify and evaluate a range of possible repository operating scenarios.**
Deliberation Explanation	**The paper references a system study to identify and evaluate a range of possible repository operating scenarios. This substance of this paper is an overview of the recommended set of scenarios to be used in the study. This will lead to a consideration and decision of the appropriate operating scenario.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040612.0042**
LSN Accession No.	**DN2002332970**
Doc Date	**19960703**
Title	**Three Issues to Ruin an Otherwise Good Vacation**
Subject Matter Description	**The document concerns a draft EPA rule on groundwater protection and an interagency agreement with the TRB.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division and Regulatory Interactions and Strategy Division**
Recipient(s)	**Bryan, Debra / / Brocoum, Stephan J / DOE - OCRWM Office of Repository Development / DOE Suitability & Licensing Lead Barton, Robert / / DOE/YMSCO Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Younker, Jean L. / BSC Repository Development - Conversion / BSC Senior Principal Scientist II Rickertsen, Larry D. / BSC Repository Development - Geologists / BSC Principal Scientist I Lugo, Michael / BSC Repository Development - Site Recommendation / Senior Staff Member Andrews, Robert W. / BSC Repository Development - Conversion / BSC Senior Project Manager Gil, April V. / DOE - OCRWM Office of Repository Development / Regulatory Interactions and Strategy Division**
Author Recipient Relationship	**The author is a senior YMP advisor providing advice to the head of the program. The other recipients were YMP personnel involved in the subject matter of the document and were assisting DOE on the developing agency positions regarding the draft regulations.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what agency positions DOE should take on the draft regulations.**
Deliberation Explanation	**The document provides the author's recommendations and opinions regarding positions DOE should consider taking on the regulations and reasons for them.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20040612.0192**
LSN Accession No.	**DN2002337422**
Doc Date	**20000421**
Title	**Re: RECOMMENDATIONS Based ON Additional Information on Previously Proposed PORB Position Papers on Calculation Time & Peak Dose**
Subject Matter Description	**The document concerns a proposed position paper on the calculational timeframes for peak dose calculations to support the site recommendation.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/ Clark, Robert W./ DOE - OCRWM/ VanDerPuy, Mark/ DOE - OCRWM Office of Repository Development/ Trebules, Victor / DOE - OCRWM / Williams, Dennis/ DOE - OCRWM/ Spence, Richard Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Adams, Jerri / DOE / Wells, Robert / DOE/RW/ OCIO / Schrecongost, Jill / DOE/RW / Wade, Scott A./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/ Raplogle, Jim Bauer, Linda/ DOE - OCRWM/ Hamilton-Ray, Birdie/DOE Royer, Dennis / DOE/RW West / Morris, Sheryl A./ DOE - OCRWM Office of Repository Development/ Bailey, Jack/ BSC Repository Development - Integration/ Brodeur, Mary / BSC / Andrews, Robert W./ BSC Repository Development - Conversion/ Cline, Mike L./ BSC / Gamble, Mike / DOE / Nutt, Mark/ Golder Associates/**
Author Recipient Relationship	**The author is a OCRWM official. The recipients are, variously, DOE and DOE contractor personnel who work on the YMP with responsibility for the subject matter of the communication.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether consideration of the draft white paper should be delayed and consideration given to modifications in the million year calculations to address volcanism.**
Deliberation Explanation	**The document provides the author's recommendations on the referenced decision and his subjective views of regulatory requirements that he believes bear on the decision. The document also provides the author's recommendation on a process for making a decision on the topic.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides subjective views of regulatory requirements and potential alternative approaches posed by the requirements.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20040612.1334**
LSN Accession No.	**DN2002331685**
Doc Date	**20000410**
Title	**Calculational timeframes and peak dose policies**
Subject Matter Description	**The document concerns two position papers that Don Horton (an YMP personnel) submitted to the PORB on the timeframe for TSPA calculations for the Site Recommendation and proposed measures to reduce, if needed, mean peak dose.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy /**
Recipient(s)	**VanDerPuy, Mark / DOE - OCRWM Office of Repository Development / Safety Conscious Work Environment Manager Bauer, Linda / DOE - OCRWM / Yucca Mountain Site Characterization Office, Deputy PM - Operations Morris, Sheryl A. / DOE - OCRWM Office of Repository Development / Business Support Lead Royer, Dennis / DOE/RW West / Wade, Scott A. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Office of Facility Operation, Environment Safety & Health Division Acting Director Replogle, Jim / / Hamilton-Ray, Birdie / / Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office / Quality Assurance Director Clark, Robert W. / DOE - OCRWM / Office of Quality Assurance, Director Trebules, Victor / DOE - OCRWM / Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing. Spence, Dick / DOE/RW / Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / Director Adams, Jerri / DOE / Wells, Bob / / Schrecongost, Jill / DOE/RW /**
Author Recipient Relationship	**The author and recipients are members of the PORB, a decisionmaking body that DOE formed for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**

DP Decision Information	**The document concerns two proposed policy positions that DOE is being asked to adopt, one concerning the appropriate timeframes for TSPA calculations to support the Site Recommendation and the other concerning approaches following Site Recommedation to the issue of mean peak dose.**
Deliberation Explanation	**The document provides a statement of proposed policy positions on the two topics and a summary of the reasons for the recommended positions.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate discussion of factual information apart from the recommended policy statements. The reasons for the policy would necessarily disclose the author's reasons for the recommendations.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20040612.4412**
LSN Accession No.	**DN2002469789**
Doc Date	**20000406**
Title	**PORB Position on Peak Dose_Rev01**
Subject Matter Description	**PORB Position Paper - Project Position on Peak Dose**
Author(s) Name/Org/Capacity	**Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office / Quality Assurance Director**
Recipient(s)	**Wells, Bob / /** **Adams, Jerri / DOE /** **Wade, Scott A. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Office of Facility Operation, Environment Safety & Health Division Acting Director** **Bauer, Linda / DOE - OCRWM / Yucca Mountain Site Characterization Office, Deputy PM - Operations** **Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing.** **Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / Director** **Clark, Robert W. / DOE - OCRWM / Office of Quality Assurance, Director** **Hamilton-Ray, Birdie / /** **Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office / Quality Assurance Director** **Morris, Sheryl A. / DOE - OCRWM Office of Repository Development / Business Support Lead** **Replogle, Jim / /** **Royer, Dennis / DOE/RW West /** **Schrecongost, Jill / DOE/RW /** **Spence, Dick / DOE/RW /** **Trebules, Victor / /** **VanDerPuy, Mark / DOE - OCRWM Office of Repository Development /**
Author Recipient Relationship	**The author is an OCRWM official responsible for this position paper. The recipients are either OCRWM officials or DOE M&O contractor personnel who have responsibility for this subject matter.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This position paper makes a recommendation for DOE concerning what information should be analyzed and addressed in the site recommendation and LA regarding the compliance period and peak dose.**
Deliberation Explanation	**The document provides a statement of proposed policy positions on the two topics and a summary of the reasons for the recommended positions.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document also provides subjective interpretations of regulatory requirements and what policy statements should be made by DOE. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency positions to adopt on those requirements.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20040612.4413**
LSN Accession No.	**DN2002470770**
Doc Date	**20000406**
Title	**PORB Position on Time Periods for Calcualtions_Rev01**
Subject Matter Description	**PORB Position Paper -Time frame for TSPA-SR (and LA) system performance calculations**
Author(s) Name/Org/Capacity	**Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office / Quality Assurance Director**
Recipient(s)	**Adams, Jerri / DOE /** **Bauer, Linda / DOE - OCRWM / Yucca Mountain Site Characterization Office, Deputy PM - Operations** **Clark, Robert W. / DOE - OCRWM / Office of Quality Assurance, Director** **Hamilton-Ray, Birdie / /** **Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office / Quality Assurance Director** **Morris, Sheryl A. / DOE - OCRWM Office of Repository Development / Business Support Lead** **Replogle, Jim / /** **Royer, Dennis / DOE/RW West /** **Schrecongost, Jill / DOE/RW /** **Spence, Dick / DOE/RW /** **Wade, Scott A. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Office of Facility Operation, Environment Safety & Health Division Acting Director** **Trebules, Victor / /** **VanDerPuy, Mark / DOE - OCRWM Office of Repository Development /** **Wells, Bob / /** **Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing.** **Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / Director**
Author Recipient Relationship	**The author is an OCRWM official responsible for this position paper. The recipients are either OCRWM officials or DOE M&O contractor personnel who have responsibility for this subject matter.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This position paper makes a recommendation for DOE concerning what information should be analyzed and addressed in the site recommendation and LA regarding the compliance period and peak dose.**
Deliberation Explanation	**The document provides a statement of proposed policy positions on the two topics and a summary of the reasons for the recommended positions.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document also provides subjective interpretations of regulatory requirements and what policy statements should be made by DOE. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency positions to adopt on those requirements.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20040612.4626**
LSN Accession No.	**DN2002469730**
Doc Date	**20000406**
Title	**PORB Position on Peak Dose_Rev01**
Subject Matter Description	**The document concerns DOE's peak dose calculations provided with the Draft YM EIS and comments that the peak dose is too high to be acceptable.**
Author(s) Name/Org/Capacity	**Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office / Quality Assurance Director**
Recipient(s)	**PORB team members**
Author Recipient Relationship	**The author is a YMP personnel. The PORB was a decisionmaking body DOE formed for the YMP.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should adopt a policy statement on peak dose for an upcoming meeting with the Nuclear Waste Technical Review Board.**
Deliberation Explanation	**The document provides the author's opinions regarding what points should be addressed in the policy statment.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any discussion of factual information. It provides points that are recommended to be addressed in a policy position.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20040612.9507**
LSN Accession No.	**DN2002336319**
Doc Date	**20000912**
Title	**SNFissues09-12**
Subject Matter Description	**The subject matter is proposed licensing strategy for DOE SNF and related issues: (1) basis of qualification (technical assessment v. physical characterization v. other options); (2) need for qualification beyond DBE; (3) likely success of robust canister concept; and (4) amount of information needed for acceptance at repository.**
Author(s) Name/Org/Capacity	**M&O Licensing**
Recipient(s)	**Thornton, Thomas / /** **Scott, Michael L./ BSC Repository Development - Management & Operations/** **Slater, Nancy / DOE/RW /** **Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/** **Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/** **Gunter, Timothy/ DOE - OCRWM Office of Repository Development/** **Clark, Robert W./ DOE - OCRWM/** **Murthy, Beesabathuni S./ DOE - OCRWM Office of Quality Assurance/** **Weber, Carl / DOE/OQA /** **Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/** **Zabransky, Dave K./ DOE - OCRWM/** **Pollog, Thomas / RW/DOE /** **Popa, Markus A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/** **Senderling, Mark S./ DOE - OCRWM Office of Acquisition Strategy/** **Vlahakis, John/ DOE/** **Gomberg, Steve/ DOE - OCRWM Office of Waste Management/** **Sweeney, Timothy / BSC /** **Bruno, Thomas/ /** **Benz, Edward F./ BSC Repository Development - Chief Science Officer/** **Vance, Scott / TRW/JAI /** **Draffin, Cyril / TRW /** **Clouet, John / TRW /** **Beckman, Donald/ BSC Repository Development /** **Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/** **Howard, Robert L./ BSC Repository Development - Conversion/** **Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/** **Carlson, James/ DOE - OCRWM/** **Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/** **Bailey, Jack/ BSC Repository Development - Integration/** **Williams, Jeffrey R./ DOE - OCRWM Office of Project Management and Engineering/** **Evans, Deborah** **Stambaugh, Roberta / SNL /** **Pointer, Kenneth/ BSC Repository Development - LSN/** **Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/** **Stockman, Christine / SNL /** **Burgoyne, Robert/ MTS - Transportation/**
Author Recipient Relationship	**The authors and recipients are DOE and DOE contractor personnel supporting the YMP with responsibility for developing licensing strategy on the issues addressed.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**DP information in this document includes analysis and information regarding proposed licensing strategy for DOE SNF and related issues: (1) basis of qualification (technical assessment v. physical characterization v. other options); (2) need for qualification beyond DBE; (3) likely success of robust canister concept; and (4) amount of information needed for acceptance at repository.**
Deliberation Explanation	**The document provides the basis for discussing and and resolving licensing strategy for DOE SNF and related issues: (1) basis of qualification (technical assessment v. physical characterization v. other options); (2) need for qualification beyond DBE; (3) likely success of robust canister concept; and (4) amount of information needed for acceptance at repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040615.0702**
LSN Accession No.	**DN2002470370**
Doc Date	**20020410**
Title	**HISTORY AND UPDATE ON POSTCLOSURE THERMAL CONDITIONS**
Subject Matter Description	**This document discusses the then-current state of DOE's understanding of the thermal conditions, analyzes this issue, and provides DOE's recommended path-forward.**
Author(s) Name/Org/Capacity	**Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/**
Recipient(s)	**Pendleton, Martha W./ BSC Repository Development - Conversion/ Bailey, Jack/ BSC Repository Development - Systems Engineering & Integration/ Iorii, Vance/ DOE/RW/ Mellington [Riddle - maiden], Suzanne P./ DOE - OCRWM Offcie of Business Support and Resource Management/ Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Ziegler, Joseph/ DOE-OCRWM/Licensing Director/ Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Spence, Dick/ DOE/RW/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/**
Author Recipient Relationship	**The author is an OCRWM official. The recipients are OCRWM officials or DOE M&O contractor personnel with responsibility over this subject matter area.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The information contained in this presentation conveys DOE's then-current position on postclosure thermal conditions.**
Deliberation Explanation	**The information presented contains a discussion and analysis of this subject matter with DOE's proposed path forward on this licensing issue.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA MEETING AID**
Other Privilege Types	

Participant Accession No.	**ALA.20040615.6383**
LSN Accession No.	**DN2002334388**
Doc Date	**20000415**
Title	**The parallel work effort related to quantifying uncertainties of hot vs cold**
Subject Matter Description	**The document concerns a draft position paper on the appropriateness of undertaking an analysis to quantify uncertainties of hot vs cold repository designs.**
Author(s) Name/Org/Capacity	**Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead**
Recipient(s)	**Bodvarsson, Gudmundur S. (Bo) / BSC Repository Development - Performance Assessment / Lawrence Berkeley National Laboratory (LBNL) LBNL Lab Lead Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Williams, Dennis/ DOE - OCRWM/ Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Sullivan, Timothy/ DOE/ Nutt, Mark/ Golder Associates/ Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/**
Author Recipient Relationship	**The author is a DOE OCRWM official. The recipients are other DOE OCRWM and DOE contractor personnel who work on the YMP with responsibility for the subject matter of the draft position paper addressed in the document, and who assist the author in developing the recommended positions for DOE's management's consideration.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether a position paper should be prepared for DOE's decision on whether to perform a parallel analysis to examine quantitatively uncertainties of hot versus cold designs for the YM repository.**
Deliberation Explanation	**The document proposes a draft policy statement for decision by senior OCRWM management and seeks comments from the recipients. This concerns strategies for selecting potential operating modes of the YM repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. The policy statement it contains is a draft, and any discussion in the draft discloses the author's ongoing deliberations regarding what position to take and what grounds support that proposed position. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**

Other Privilege Types	

Participant Accession No.	**ALA.20040617.0068**
LSN Accession No.	**DN2002306504**
Doc Date	**20030602**
Title	**Comment on J King Position**
Subject Matter Description	**This is the attachment to the 6/4/03 email of Jerry King.**
Author(s) Name/Org/Capacity	**King, Jerry L. / BSC Repository Development - Site Recommendation / BSC Project Manager**
Recipient(s)	**Orvis, Douglas D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist Stepp, Carl / BSC / Coppersmith, K. / / Probabilistic seismic hazard analysis Pendleton, Martha W. / BSC Repository Development - Geologists / BSC Principal Engineer I Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Engineer I 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 Pernisi, Richard / BSC / Savino, John / MTS/BAH / Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager Lindner, Ernest N. / BSC Repository Development - Systems Engineering & Integration / BSC Senior Engineering Specialist**
Author Recipient Relationship	**The author and the recipients are DOE MTO contractor personnel with responsibility for the subject matter of the draft position paper discussed in the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This documents concerns what position DOE should adopt for the licensing proceeding with respect to the regulatory intent of 10 CFR 63.102(f) regarding the limits for seismic initiating events.**
Deliberation Explanation	**This documents provides a draft licensing position on the referenced topic and provides the author's opinion and recommendations concerning edits. The document was prepared as part of DOE's request to the MTO contractor for recommendations on the referenced topic, to assist DOE decisionmaking on what position to adopt.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040617.4075**
LSN Accession No.	**DN2002329452**
Doc Date	**20000621**
Title	**UZ/SZ PORB Paper**
Subject Matter Description	**This document contains an email discussion about a position paper on the unsaturated and saturated zones.**
Author(s) Name/Org/Capacity	**Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Recipient(s)	**Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Linden, Ronald/ MTS - Performance Assessment/Science/ Younker, Jean L./ BSC Repository Development - Licensing Defense/ Pendleton, Martha W./ BSC Repository Development - Licensing & Compliance/ Murray, Robert/ MTS - Licensing/ Mukhopadhyay, Bimal/ MTS - Performance Assessment/Science/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Williams, Dennis/ DOE - OCRWM/ Brocoum, Stephan J/ DOE - OCRWM Office of Repository Development/ Howard, Robert L./ BSC Repository Development - Licensing & Engineering/ Patterson, Russ/OCRWM**
Author Recipient Relationship	**The author is a senior DOE contractor personnel. The recipients are officials within OCRWM and DOE contractor personnel with responsibility for the subject matter of the communication.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns decisions to be made by the PORB on the representativeness of information in the UZ and SZ PMRs and on funding for follow-up work related to the same issues.**
Deliberation Explanation	**This documents provides views and opinions on a draft paper recommending decision to be made by PORB. The author, Mike Cline, provides his recommendation on whether DOE should support and fund additional work being proposed by the M&O contractor.**

Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20040618.0096**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Zhu, Ming / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Arnold, Bill / Sandia** **Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/**
Recipient(s)	**Hardin, Ernest / BSC Repository Development - Natural Systems / BSC Project Manager** **Dixon, Paul R. / BSC Repository Development - Subcontractor Department / Los Alamos National Laboratory (LANL) Laboratory Lead** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I** **Kuzio, Stephanie / DOE /** **Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/** **Arnold, Bill / SNL /** **Wisenburg, Mark R./ BSC Repository Development - Licensing & Analysis/** **Howard, Robert L./ BSC Repository Development - Performance Assessment Strategy and Scope/** **Echols, Francis** **Williams, Nancy H./ BSC Repository Development/** **Bailey, Jack/ BSC Repository Development/** **Andrews, Robert W./ BSC Repository Development/** **Cereghino, Stephen J./ BSC Repository Development - License Application/** **Pendleton, Martha W./ BSC Repository Development - Science Integration/** **Skoblar, Leonard/ BSC Repository Development - Regulatory Coordination Group/**
Author Recipient Relationship	**The authors and recipients are DOE MTO contract personnel.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is whether to include or exclude irrigation recycling in the TSPA.**
Deliberation Explanation	**The email change reflects the debate and deliberation of the Yucca Mountain Project personnel with responsibility for making a recommendation on this isue.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The email chain contains no separate factual background or discussion. The comments in the email are evaluative, set forth and debate assumptions, and pervasively reference the appropriate regulatory analysis.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20040621.4440**
LSN Accession No.	**DN2002329174**
Doc Date	**20031120**
Title	**1113039495_Enc**
Subject Matter Description	**The document concerns the estimated impacts of a draft shipping schedule for wastes at the YM repository that would change the schedule for shipment of defense wastes and changes the form in which some of the wastes are delivered.**
Author(s) Name/Org/Capacity	**Gillespie, Scott G. / BSC Repository Development - Program Integration / BSC Principal Engineer I** **Siefken, David L./ BSC Repository Development - Program Integration/** **Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/** **Garfield, William/BSC** **Mitchell, John (Jr.) T./ BSC Repository Development - General Manager/**
Recipient(s)	**DOE OCRWM**
Author Recipient Relationship	**The authors are YMP M&O contractor personnel. The document was provided to DOE OCRWM management for consideration.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns a decision by DOE whether to adopt a proposed approach for the shipment of defense waste to the YM repository.**
Deliberation Explanation	**The document provides the authors' assessment of the proposed strategy and makes recommendations concerning its adoption, with regard to potential transportation impacts, potential repository impacts, and statutory, licensing and regulatory impacts. The information is provided, at DOE's request, to enable DOE to decide whether to adopt the draft approach.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any fact discussion. It makes assumptions about potential scenarios and then makes conclusions regarding them.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **PHOTOGRAPH** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.4894**
LSN Accession No.	**DN2002334958**
Doc Date	**20040311**
Title	**lr_sar_1451jbmcomments**
Subject Matter Description	**The document concerns draft section 1.4.5 of the draft LA, which addresses Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.4895**
LSN Accession No.	**DN2002330512**
Doc Date	**20040311**
Title	**lr_sar_1452jbmcomments**
Subject Matter Description	**The document concerns draft section 1.4.5.2 of the draft LA, which addresses Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.4896**
LSN Accession No.	**DN2002337488**
Doc Date	**20040311**
Title	**lr_sar_1453jbmcomments**
Subject Matter Description	**The document concerns draft section 1.4.5.3 of the draft LA, which addresses Repository Safety Bofore Permanent Closure**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.4897**
LSN Accession No.	**DN2002332376**
Doc Date	**20040312**
Title	**lr_sar_1454jbmcomments**
Subject Matter Description	**The document concerns draft section 1.4.5.4 of the draft LA, which addresses Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.4899**
LSN Accession No.	**DN2002332157**
Doc Date	**20040312**
Title	**lr_sar_1461jbmcomments**
Subject Matter Description	**The document concerns draft section 1.4.6 of the draft LA, which addresses Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist** **Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.4900**
LSN Accession No.	**DN2002336210**
Doc Date	**20040312**
Title	**lr_sar_1462jbmcomments**
Subject Matter Description	**The document concerns draft section 1.4.6.2 of the draft LA, which addresses Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.7014**
LSN Accession No.	**DN2002329737**
Doc Date	**20040302**
Title	**LA section 1.4.4 Safeguards and Security-combined comments**
Subject Matter Description	**Yucca Mountain Repository Safety Analysis Report Chapter 1: Repository Safety Before Permanent Closure Sec. 1.4.4 Comments**
Author(s) Name/Org/Capacity	**Spang, Robert / BSC Repository Development /**
Recipient(s)	**Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040621.7276**
LSN Accession No.	**DN2002335064**
Doc Date	**20040325**
Title	**lr_sar_136_tables_MJL**
Subject Matter Description	**The subject matter is certain tables draft Chapter 1: Repository Safety Before Permanent Closure and Quality comments from the LAD Production Team.**
Author(s) Name/Org/Capacity	**McIlvaine, Jim / BSC Repository Development / Lad Production Team**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager Darling, David B. / BSC Repository Development - Engineering Production / BSC Project Engineer Gonzales, Lou / BSC Repository Development - Facilities Design / Testing Lead Jessen, James P. / BSC Repository Development - Engineering Production / BSC Senior Engineer Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Carl Jr., William F. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Kutzer, John F./ BSC Repository Development - LA Completion/ Honaker, Raymond**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The LAD Production Team authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040817.0274**
LSN Accession No.	**DN2002332494**
Doc Date	**20000216**
Title	**PORB POSITION PAPER**
Subject Matter Description	**The document concerns six issues that affect the Site Recommendation Consideration Report: timeframes for the TSPA-SR performance calculations; use of conservative assumptions and bounding analyses; inadvertent human intrusion scenarios; groundwater protection requirement in 40 CFR 197; individual dose protection standard; groundwater travel time.**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Director**
Recipient(s)	**PORB Members**
Author Recipient Relationship	**The author is an OCRWM official. The recipients are a group of TMP personnel that DOE formed to assist is developing positions for the YMP, as part of DOE's decisionmaking process for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document provides the author's recommended positions on the six identified subject matters.**
Deliberation Explanation	**The document provides, variously, for the six areas either a recommended policy position or regulatory analysis to support adoption of a position.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not contain any separate factual discussion for any of the six issues. For some, the memo proposes a draft position statement. For others, the memo provides a regulatory analysis of the issue. In both respects, the discussion in the memo is entirely deliberative. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**FORM REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040817.1841**
LSN Accession No.	**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(s) Name/Org/Capacity	
Recipient(s)	
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP Decision information includes an identification of issues identified with DOE's licensing positions and suggestions, in some instances, for addressing those issues.**
Deliberation Explanation	**The deliberation is focused on issues that will need to be addressed in DOE's licensing position as reflected in the license application and how to address those issues.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**REPORT**
Other Privilege Types	**LWP-at attorneys direction (OPINION)**

Participant Accession No.	**ALA.20040824.0194**
LSN Accession No.	**DN2002329742**
Doc Date	**20001013**
Title	**Re: Overview Issue**
Subject Matter Description	**The document concerns the differences in peak dose data for the SCRC and the EIS.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/**
Author Recipient Relationship	**The author and recipient are both senior DOE OCRWM officials.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns: the decision on how peak dose data is to be presented in the SCRC versus the EIS, since different regulatory standards and requirements apply to the two documents.**
Deliberation Explanation	**The document provides Abe Van Luik's opinions on the differing regulatory requirements for the SCRC and the EIS, and his personal opinions on how DOE should structure the documents and what DOE should provide in each. The document was prepared as part of the author's and recipient's responsibility to advise DOE on the matter and develop an agency position on the subject.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. There is discussion of analyses that have been done, but that is part of the author's regulatory analysis of what information is to be included in each document an why. Disclosure of that information would reveal the author's opinions about the regulations and his interpretations.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20040824.0586**
LSN Accession No.	**DN2002469711**
Doc Date	**20020318**
Title	**Evaluation Final**
Subject Matter Description	**Design Evaluation Study Recommendations 03/19/2002**
Author(s) Name/Org/Capacity	**Rowe, Gene W./ BSC Repository Development - CM-Construction Management/**
Recipient(s)	**Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing. Gil, April V. / DOE - OCRWM Office of Repository Development / During this time period, the Regulatory Interactions and Strategy Division reported to the Office of License Application and Strategy Regulatory Interactions and Strategy Division Director Sullivan, Timothy / DOE / Also found TM Sullivan - Brookhaven National Labortories Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Cline, Mike L. / TRW/BSC / Murray, Robert / MTS - Regulatory / Booze Allen Hamilton (BAH) Team Lead**
Author Recipient Relationship	**The author and recipients are Yucca Mountain Project personnel who have responsibility for the design decisions that is the subject of the author's recommendations and opinions.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document presents the results of design evolution and design implementation studies and makes recommendations for possible repository design implementation solutions.**
Deliberation Explanation	**This documents provides the author's recommendations and opinions on possible repository design implementation solutions.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20040824.3706**
LSN Accession No.	**DN2002329978**
Doc Date	**20040504**
Title	**lr_sar_133**
Subject Matter Description	**The document is a copy of the draft section 1.3.3 of the draft LA, which concerns the proposed subsurface facility operations to be at the YM repository, with the author's comments.**
Author(s) Name/Org/Capacity	**Suarez, Diego/ BSC Repository Development - Conversion/**
Recipient(s)	**Dearmin, Jennifer A. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II Gonzales, Lou / BSC Repository Development - Facilities Design / Testing Lead Obrad, Vicky /BSC Lloyd, Janette/BSC**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040824.3988**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney** **Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney** **Oney, Thomas / Hunton & Williams, LLP / Attorney**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, advice, and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LEGAL DOCUMENT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20040824.3989**
LSN Accession No.	**DN2002330918**
Doc Date	**20040604**
Title	**Comments GI Section 5**
Subject Matter Description	**The subject matter is draft license application, section 5, General Information.**
Author(s) Name/Org/Capacity	**Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney** **Oney, Thomas / Hunton & Williams, LLP / Attorney** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Ang, Marybelle C./ DOE - Office of General Counsel (OGC)/** **Irwin, Donald/ Hunton & Williams, LLP/** **Edwards, W J./ Hunton & Williams, LLP/** **Rinaca, James/ Hunton & Williams, LLP/** **Fillmore, Robert M./ Hunton & Williams, LLP/**
Author Recipient Relationship	**Authors and recipients are licensing counsel and a DOE employee responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LEGAL DOCUMENT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20040824.6129**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Jo Ann Biggs / Hunton & Williams / Attorney** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Email: Dan_Kane@ymp.gov; telephone: 702-794-5511 Postclosure and License Acquisition Division Nuclear Engineer** **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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20040826.1721**
LSN Accession No.	**DN2002336929**
Doc Date	**20040324**
Title	**0323040874_enc**
Subject Matter Description	**BSC Licensing Position Recycling of Radionuclides at the Location of the Reasonably Maximally Exposed Individual**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J./ BSC Repository Development - Conversion/**
Recipient(s)	**Ziegler, Joseph/DOE OCRWM/Licensing Director** **Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)** **Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager** **Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects** **Lucas, L.L. / /** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I** **Mason, M.J. / /** **Whitcraft, J.S. / /**
Author Recipient Relationship	**The author is a DOE M&O contractor personnel. The recipients are other M&O personnel and DOE officials with responsibility for the subject matter of the communication.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is a licensing position that BSC has prepared for the recycling of radionuclides at the Locaction of the RMEI. It was circulated to other BSC personnel and DOE officials for their consideration and, thus, is predecisional.**
Deliberation Explanation	**This memorandum presents a proposed licensing position for DOE. It analyzes the issue and recommends that one particular option be selected over others.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency positions to adopt on those requirements.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040831.2275**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney**
Recipient(s)	**Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer**
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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on what form of performance confirmation program to adopt, and the form and content of the discussion on this topic in the LA.**
Deliberation Explanation	**Counsel is providing advice and recommendations on the proposed licensing positions to adopt for a performance confirmation program, and the form and content of the discussion of this topic in the LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document is not a discussion of facts. It concerns a draft discussion of a potential program and consists of regulatory analyses and other legal advice.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20040831.2773**
LSN Accession No.	**DN2002472738**
Doc Date	**20040616**
Title	**Bradbury comments SAR Section 1.6**
Subject Matter Description	**Bradbury comments SAR Section 1.6**
Author(s) Name/Org/Capacity	**Bradbury, Robert / MTS - Regulatory / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)**
Recipient(s)	**Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20040831.2774**
LSN Accession No.	**DN2002474215**
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**
Author(s) Name/Org/Capacity	**Johns, Jeff / /**
Recipient(s)	**Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20040831.2775**
LSN Accession No.	**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).**
Author(s) Name/Org/Capacity	**Knapp, Kathryn / MTS - Environment, Safety & Health Team / Booze Allen Hamilton (BAH) Senior Environmental Engineer/Scientist**
Recipient(s)	**Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)**
Author Recipient Relationship	**The authors and recipients are DOE M&O contractor personnel responsible for development of this draft section of the SAR.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20040831.2776**
LSN Accession No.	**DN2002473078**
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**
Author(s) Name/Org/Capacity	**Nutt, William M. / MTS - Technical Expertise Teams Coordinator / Golder Associates Team Lead**
Recipient(s)	**Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20040831.2777**
LSN Accession No.	**DN2002472543**
Doc Date	**20040615**
Title	**Osborne Chapter 1.6 Hazards Comments**
Subject Matter Description	**Osborne Chapter 1.6 Hazards Analysis Comments**
Author(s) Name/Org/Capacity	**Osborne, James / DOE - OCRWM Office of Facility Operations / Site Operations Team member**
Recipient(s)	**Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20040831.2894**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Hunton & Williams LLP**
Recipient(s)	**Henning, Roger J. / BSC Repository Development - Natural Systems / BSC Principal Scientist II Doe OFfice of General Counsel Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/ Weaver, Douglas / SNL /**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what strategy DOE should adopt toward development of a preliminary confirmation plan in the LA, with respect to the state of its development and specify in the LA.**
Deliberation Explanation	**The document provides DOE counsel's advice and recommendations on regulatory requirements and what licensing positions DOE should adopt on the topic.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT FORM LEGAL DOCUMENT**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20040902.0069**
LSN Accession No.	**DN2002337290**
Doc Date	**20040609**
Title	**LSN DOCUMENTS COVER SHEET POTENTIALLY RELEVANT DOCUMENTS**
Subject Matter Description	**The document concerns DOE's licensing position on the concentration of groundwater pollutants by irrigation.**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H. / DOE - OCRWM Office of License Application & Strategy / Lead**
Recipient(s)	**Ziegler, Joseph/DOE OCRWM/Licensing Director Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Gil, April V. / DOE - OCRWM Office of Repository Development / Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Smistad, Eric / DOE - OCRWM Office of License Application & Strategy /**
Author Recipient Relationship	**The author is a DOE M&O contract personnel. The recipients are DOE OCRWM officials with responsibility for development of the license application and the licensing position that is the subject of the communication.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what licensing position should DOE adopt, under the YM regulations, with respect to recycling of groundwater for purposes of establishing compliance with safety standards.**
Deliberation Explanation	**The document was prepared to advise senior DOE personnel of the author's recommendations on the referenced topic, to assist their decision on what position to adopt. The document provides the author's views of possible positions and recommendations of how to implement them.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not have a factual section. Any discussion of factual information is intertwined with the author's assessments and recommendations, and would disclose the author's opinions as to what information is material to consideration of the licensing position, and thus are part of the deliberative nature of the document.**
Doc Type	**MEETING AID REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040903.2222**
LSN Accession No.	**DN2002329266**
Doc Date	**20040602**
Title	**la_sar_13_redline**
Subject Matter Description	**Yucca Mountain Repository Safety Analysis Report - Chapter 1: Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**Lydic, Margaret J./ BSC Repository Development /**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Obrad, Vicky / BSC /** **Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20040929.2143**
LSN Accession No.	**DN2002332578**
Doc Date	**20040712**
Title	**Section 5.8**
Subject Matter Description	**Comments on SAR Section 5.8**
Author(s) Name/Org/Capacity	**Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Crawford, Marian J. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Safety and Health Division Team Member** **Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney** **McRae, James Ben / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs** **Edwards, W J. / 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 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20040929.2784**
LSN Accession No.	**DN2002331347**
Doc Date	**20040630**
Title	**Comments on Draft ER**
Subject Matter Description	**The document concerns the draft Environmental Report for Yucca Mountain.**
Author(s) Name/Org/Capacity	**Morton, Lee/ BSC Repository Development - Environmental, Safety & Health/**
Recipient(s)	**Summerson, Jane R./ DOE - OCRWM Office of Acquisition Strategy/ McCann, Edward W. / BSC Repository Development - Environmental, Safety & Health / BSC Regional Environmental Compliance Manager Holder, Richard H. / BSC Repository Development - NEPA Strategy & Support / BSC Senior Environmental Scientist/Engineer Waldman, Gilbert // Lechel, Dave / BSC Repository Development - Engineered System / Sandia National Laboratory (SNL) Engineer/Scientist 2 Morton, Diane E./ BSC Repository Development - Subcontractor Department/**
Author Recipient Relationship	**The document was sent to a DOE official (Summerson) responsible for preparation of the subject environmental report. The authors and other recipients are DOE M&O contractors for the YMP who assisted in preparation of the report.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision concerns the form and content of the ER, including the information to discuss and how to discuss that information and how to relate it to the Final EIS.**
Deliberation Explanation	**The document reflects the authors' assessment of the draft ER and their recommendations for revising it.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document contains no factual background section and reflects in its entirely the authors' assessment of the draft report. Disclosure of the document's content would reveal DOE deliberations about what to include in the ER and how to structure that discussion.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20041227.7275**
LSN Accession No.	**DN2002333077**
Doc Date	**20040810**
Title	**SAR Section 1.4.2 Post Chapter Review Draft Tables**
Subject Matter Description	**The document concerns the proposed discussion of the location of meterological towers and associated instruments.**
Author(s) Name/Org/Capacity	**Minwalla, Homi J./ BSC Repository Development - Conversion/**
Recipient(s)	**Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Deliberation Explanation	**The document proposes form and content for the referenced section of the draft LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20041227.7370**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**CN=Jaime Gonzalez / OU=YD/O=RWDOE /**
Recipient(s)	**Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager** **Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman Engineering Division Director** **Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft SAR section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **MEETING AID**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20041227.7512**
LSN Accession No.	**DN2002333573**
Doc Date	**20040818**
Title	**cr_sar_123_tables_81704BS**
Subject Matter Description	**The subject matter is tables in draft SAR section 1.2.3 and comments on those tables.**
Author(s) Name/Org/Capacity	**Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/**
Recipient(s)	**Theiren, Maria / BSC Repository Development/** **Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager** **Kutzer, John F./ BSC Repository Development - LA Completion/**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken in the tables in draft SAR section 1.2.3 and their form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed content and form of tables in draft SAR section 1.2.3.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20050217.0008**
LSN Accession No.	**DN2002333900**
Doc Date	**20040603**
Title	**PRIVMemo040603.doc**
Subject Matter Description	**The document concerns the treatment of failure modes in the "Analysis of Mechanisms for Early Waste Package/Drip Shield Failure."**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H. / Bechtel SAIC /**
Recipient(s)	
Author Recipient Relationship	**The author is an DOE M&O contractor personnel tasked by DOE to perform the requested analysis.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is how to proceed on the TSPA-LA in light of the author's assessment of the failure analysis in the referenced document.**
Deliberation Explanation	**This document provides the author's recommendations for future work that might be performed in connection with the referenced analysis, along with the author's reasons for those recommendations and various options. The document was prepared to assist DOE in deciding how to proceed with respect to the referenced analysis, including whether to allocate resources for the recommended activities.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted. The document does not contain any separate discussion of facts. The document provides the author's opinions,several options for proposed paths forward, and recommendations on how to proceed. Disclosure of this discussion would reveal the author's opinions and deliberative opinions on those matters.**
Doc Type	**EFILE** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20050222.1380**
LSN Accession No.	**DN2002330490**
Doc Date	**20020917**
Title	**Comments on Licensing Position on Waste Stream Parameters**
Subject Matter Description	**The document concerns a draft Licensing Position on Waste Stream Parameters, such as rate and order of receipt of waste at the YM repository.**
Author(s) Name/Org/Capacity	**Su, Steve / BSC /** **Haas, Martin / BSC /**
Recipient(s)	**Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I**
Author Recipient Relationship	**The authors and recipients are DOE M&O contractor personnel working on development of the referenced white paper for DOE's decision.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what position DOE should adopt for the licensing proceeding regarding what wastes will arrive at the YM repository and when.**
Deliberation Explanation	**The document provides the authors' subjective opinions on the draft position paper and makes recommendations regarding its content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion or other fact section that can be segregated from the author's subjective opinions. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20050317.4712**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Acting Director** **Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Mark H. Williams is Director of OLAS as of 12/2/05. Stephen Hanauer and Claudia Newberry are collegues of Van Luik. Williams, Hanauer, Newberry and Van Luik oversee Postclosure and License Acquisition Division (of which William J. Boyle is the Director) and Regulatory Interactions and Strategy Division (of which April Gil is the Director). OLAS is under the Office of Repository Development. Joseph D. Ziegler stepped down as Director of OLAS in 11/2005. Ziegler was Director of OLAS since 10/28/02.** **Weber, Ellyn / Innovations /** **Gamble, Robert / MTS / MTS/Booz-Allen Support Contract** **Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/** **Weber, Ellyn / YMP Personnel** **Rickertsen, Larry D./ BSC Repository Development - Conversion/** **Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/** **Williams, Dennis/ DOE - OCRWM/** **Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/** **Dove, Harvey/ BSC Repository Development - Science & Analysis/** **Gil, April V./ DOE - OCRWM Office of Repository Development/** **Dockery, Holly / YMP Personnel** **Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/** **Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/** **Richardson, Dennis C./ BSC Repository Development - Conversion/** **Andrews, Robert W./ BSC Repository Development - Conversion/**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Whether to accept or reject YDAR No. 20372 (2 white papers regarding (i) Postclosure Repository "Defense-in-Depth" Design Bases and (ii) Postclosure "Defense-in-Depth" Evaluation - The Viability Assessment Reference System).**
Deliberation Explanation	**The author sets forth an extensive analysis of the two subject white papers with a rationalize for accepting or rejecting the deliverable from the M&O contractor.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no separate "factual" discussion or background section. Rather, its content is purely analytical and evaluative, reflecting the author's assessment of the reviewed papers and whether they meet the requirements for the deliverable from the M&O Contractor.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20050322.4810**
LSN Accession No.	**DN2002329536**
Doc Date	**20040924**
Title	**sar_239 092204_arnold**
Subject Matter Description	**The document is the draft section 2.3.9 of the draft LA, which concerns the saturated zone flow and transport model, with the author's interlinear comments.**
Author(s) Name/Org/Capacity	**Arnold, William/BSC/Sandia sub**
Recipient(s)	**Younker, Jean L. / BSC Repository Development - Performance Assessment / BSC Manager of Technology I** **Zhu, Ming / BSC Repository Development - Natural Systems / Integrated Science Solutions, Inc. (ISSI) Principal Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on how to model the saturated zone flow, and how to structure the discussion and what to say about it in the draft LA,**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section, for consideration by DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft with the final version of the LA would reveal DOE's deliberations on the subject matter. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT**

	LIST **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20050323.2826**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Edwards, W. Jeffrey / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead** **Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer** **Ralphs, Philip / DOE - CRWMS /**
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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The relevant decision is what uses to identify for the GROA in the LA and the form and content of the discussion of that topic in the LA**
Deliberation Explanation	**The attorneys are providing advice and recommendations on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion. It consists of advice on regulatory and other legal issues posed by a draft discussion of possible uses that could be identified for the GROA.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050323.2827**
LSN Accession No.	
Doc Date	**20040623**
Title	**Bradbury-DOE Comments on SAR Section 5.10**
Subject Matter Description	**Bradbury-DOE Comments on SAR Section 5.10**
Author(s) Name/Org/Capacity	**Bradbury, Robert/ MTS - Licensing/**
Recipient(s)	**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)**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20050323.2834**
LSN Accession No.	
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)**
Author(s) Name/Org/Capacity	**Project personnel who have responsibility for development of SAR section 1.4.2**
Recipient(s)	**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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20050323.4013**
LSN Accession No.	**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 [Rev. 00, Draft A Chapter Review (double-spaced version)] Review Comments**
Author(s) Name/Org/Capacity	**Rinaca, James / Hunton & Williams, LLP / Attorney** **Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney**
Recipient(s)	**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** **Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / DOE 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050324.1020**
LSN Accession No.	**DN2002336587**
Doc Date	**200204XX**
Title	**31297**
Subject Matter Description	**Design Evolution Study- Aging Options**
Author(s) Name/Org/Capacity	**McDaniel Jr., Preston W./ BSC Repository Development - Conversion/**
Recipient(s)	**Lyer, M. / BSC / Boutin, Robert J./ BSC Repository Development - Facilities Design/ Trautner, Larry J./ BSC Repository Development - Repository Design/ Andrews, Robert W./ BSC Repository Development/**
Author Recipient Relationship	**The author and recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of the author's recommendations and opinions.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This study identifies options and issues for aging commercial spent nuclear at YMP and makes recommendations concerning the decisions DOE should make on those issues.**
Deliberation Explanation	**This study provides recommendations and opinions concerning the handling and aging of spent nuclear fuel at YMP. The document was prepared at DOE's request to assist OCRWM make decisions on the referenced topic.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA DRAWING EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20050331.4697**
LSN Accession No.	**DN2002336557**
Doc Date	**20040804**
Title	**Comments on SAR Section 1.6 Part 1 of 2**
Subject Matter Description	**The document concerns the SAR section that concerns identification of hazards and initiating events.**
Author(s) Name/Org/Capacity	**Reynolds, Myles / Hunton & Williams, LLP / Attorney Beard, Kristina / Hunton & Williams, LLP / Attorney Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Hellstrom, George / 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 recipient is an attorney with the DOE OGC who works on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The attorneys are providing their advice and recommendations on the proposed licensing positions in, and the form and content of, this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**CORRESPONDENCE EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050331.4699**
LSN Accession No.	**DN2002337583**
Doc Date	**20040804**
Title	**Comments on SAR Section 1.7**
Subject Matter Description	**The document concerns the methodology for identifying, quantifying, and categorizing the internal and external hazards and initiating events.**
Author(s) Name/Org/Capacity	**Reynolds, Myles / Hunton & Williams, LLP / Attorney** **Beasley, Amanda / Hunton & Williams, LLP / Attorney** **Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Hellstrom, George / 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 recipient is an attorney with the DOE OGC who works on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The attorneys are providing their advice and recommendations on the proposed licensing positions in, and the form and content, of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**CORRESPONDENCE** **DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050331.4759**
LSN Accession No.	**DN2002333435**
Doc Date	**20040831**
Title	**DOC**
Subject Matter Description	**The document concerns the Yucca Mountain Repository Safety Analysis Report (Chapter 1: Repository Safety Before Permanent Closure)**
Author(s) Name/Org/Capacity	**Beard, Kristina/ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Ziegler, Joseph/DOE OCRWM/Licensing Director** **Rinaca, James / Hunton & Williams, LLP / Attorney** **Oney, Thomas / Hunton & Williams, LLP / Attorney** **Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney**
Author Recipient Relationship	**Authors and recipients are DOE attorneys and employees responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050331.6982**
LSN Accession No.	**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).**
Author(s) Name/Org/Capacity	**Rinaca, James / Hunton & Williams, LLP / Attorney**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The email has no fact section. The email reflects in its entirety the author's analysis and advice regarding the subject matter of the draft LA section.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050331.6983**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/** **Siddoway, Dean / DOE** **Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Biggs, Jo Ann / Hunton & Williams, LLP / Attorney** **Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney** **Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director** **Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/** **Ziegler, Joseph/ DOE-OCRWM/Licensing Director/** **Bailey, Jack N./ BSC/TRW/** **Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/** **Brook, Robert / DOE** **Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/** **Boyle, William J/ DOE - OCRWM Office of Repository Development/** **Siddoway, Dean / DOE** **Morgan, Robert G./ BSC Repository Development - Chief Science Officer/**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this email chain with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**E-MAIL W/ ATTACHMENT** **EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION);** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20050418.6118**
LSN Accession No.	**DN2002331252**
Doc Date	**20041220**
Title	**Privileged thoughts 12 15 04rev5**
Subject Matter Description	**The document concerns proposed EPA regulations under Part 197 to address the post-10,000 year, peak dose period.**
Author(s) Name/Org/Capacity	**Peters, Mark/ BSC Repository Development - Engineered System/**
Recipient(s)	**Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel who were tasked by DOE to assist in the analysis and formulation of responses to EPA proposed peak dose calculations.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what agency positions DOE should take with respect to the meaning and interpretation of potential regulations by EPA under Part 197.**
Deliberation Explanation	**The document provides draft comments that the author is proposing at DOE's request, for submittal to DOE, to help DOE formulate agency positions on the referenced regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion. It is a draft of potential agency interpretation and positions of proposed regulations. Disclosure of the document would reveal agency deliberations on the topic prior to agency finalization of positions.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20050421.2833**
LSN Accession No.	**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 requiremens of 10 CFR 63.21(b)(3)**
Author(s) Name/Org/Capacity	**Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/**
Recipient(s)	**Ruffin, Steve R. / BSC Repository Development - Systems Engineering & Integration / Feasibility and Support Oney, Thomas / Hunton & Williams, LLP / Attorney Kelmenson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Trubatch, Sheldon/BSC/Attorney Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / DOE Security Specialist Crosland, Martha / DOE OGC/ attorney Garrett, D. / Hunton & Williams, LLP / Assistant to Attorney Robert Fillmore Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler 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 Powell, David/BSC**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. In addition, comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-client to attorney;**

	LWP-other (FACT); **LWP-other (OPINION)**
Participant Accession No.	**ALA.20050421.2834**
LSN Accession No.	**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).**
Author(s) Name/Org/Capacity	**Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/**
Recipient(s)	**Oney, Thomas / Hunton & Williams, LLP / Attorney** **Kelmenson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist** **Ruffin, Steve R. / BSC Repository Development - Systems Engineering & Integration / Feasibility and Support** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Trubatch, Sheldon/BSC/Attorney** **Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / DOE Security Specialist** **Crosland, Martha / DOE OGC/attorney** **Garrett, D. / Hunton & Williams, LLP /** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **Irwin, Donald / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney** **Powell, David / BSC** **Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler** **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**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. In addition, comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-client to attorney;** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20050513.0308**
LSN Accession No.	**DN2002336414**
Doc Date	**20041105**
Title	**Master Legal Comments 1.8**
Subject Matter Description	**The document is a copy of section 1.8 of the draft LA, which concerns consequence analysis, with attorney comments written on them.**
Author(s) Name/Org/Capacity	**Frasier, Amanda/Hunton & Williams LLP/attorney**
Recipient(s)	**Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Biggs, Jo Ann/ Hunton & Williams, LLP/attorney Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Bradbury, Robert/ MTS - Licensing/ Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/ Brook, Robert/BSC Richardson, Dennis C./ BSC Repository Development - Conversion/ Wisenburg, Mark R./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The document was provided to a DOE OGC attorney and another attorney with DOE's outside licensing counsel. The DOE OGC attorney provided the document to DOE and DOE M&O contractor personnel responsible for the referenced draft document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**proposed licensing positions in and form and content of this draft section**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT LIST MAP REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050523.0951**
LSN Accession No.	**DN2002335143**
Doc Date	**20041105**
Title	**barrierHQDraftSAR2[1][1].1consolidatedlegal**
Subject Matter Description	**The document concerns draft section 2.1 of the draft LA, which concerns the discussion of barriers.**
Author(s) Name/Org/Capacity	**DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney Oney, Thomas/ Hunton & Williams, LLP/attorney Fillmore, Robert M./ Hunton & Williams, LLP/attorney**
Recipient(s)	**Capoferri, Anita / 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 an attorney with the DOE OGC who works on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA DRAWING EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050523.1231**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney** **DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/** **Fillmore, Robert M./ Hunton & Williams, LLP/**
Author Recipient Relationship	**Authors and recipients are DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050523.1259**
LSN Accession No.	**DN2002333129**
Doc Date	**20050401**
Title	**Env. Permitting Report**
Subject Matter Description	**Draft Preliminary Report / Assessment of Environmental Permitting Strategy for Yucca Mountain Project**
Author(s) Name/Org/Capacity	**Kratsas, Robert G. / BSC Repository Development - Operations / Bechtel National Inc ES&H Services Manager**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**DOE positions to be taken related to its environmental permitting strategy.**
Deliberation Explanation	**The author is providing recommendations and opinions related to DOE's environmental permitting strategy.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-client to attorney;** **LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION)**

Participant Accession No.	**ALA.20050523.1826**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / DOE Attorney**
Recipient(s)	**Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member** **Howard, Robert L. / BSC Repository Development / BSC Project Manager**
Author Recipient Relationship	**Authors and recipients are licensing counsel and DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The licensing attorney author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050523.2282**
LSN Accession No.	**DN2002332989**
Doc Date	**20041105**
Title	**1.3.1 ConsolLegal**
Subject Matter Description	**Consolidated legal comments on draft SAR § 1.3.1**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Author Recipient Relationship	**Authors and recipients are DOE outside counsel and DOE OGC attorneys responsible for the subject draft LA (or SAR) sections**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **MAP** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050523.2759**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H. / DOE - OCRWM Office of License Application & Strategy / Lead** **Fish, Robert/ MTS - Engineering/**
Recipient(s)	**Beard, Kristina / Hunton & Williams, LLP / Attorney** **Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager** **Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer** **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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section. Moreover, the authors are identifying potential issues that could arise in the potential licensing proceeding.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20050523.3430**
LSN Accession No.	**DN2002336403**
Doc Date	**20041105**
Title	**LA Section 1.5.1 (low resolution)**
Subject Matter Description	**The document is a copy of the draft section 1.5.1 of the draft LA, with the author's handwritten comments as marginalia. The draft section concerns the proposed range of parameters for wastes under consideration for possible receipt on the YM repository, the proposed designed of canisters for such waste forms, and the proposes development of source term data to be used in preclosure safety analyes.**
Author(s) Name/Org/Capacity	**Brock, Robert T./ BSC Repository Development/**
Recipient(s)	**Clark, Steven / BSC** **Richmond, Nicole/BSC**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the proposed licensing positions on the referenced subject matters of the draft LA section, as well as the form and content of the discussion on those topics to be in the LA.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **PHOTOGRAPH** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20050523.4449**
LSN Accession No.	**DN2002333809**
Doc Date	**20041105**
Title	**HQ Draft SAR 2.1 consolidated legal**
Subject Matter Description	**The document concerns the draft section 2.1 of the draft LA, which addresses barriers important to waste isolation.**
Author(s) Name/Org/Capacity	**Reynolds, Myles/ Hunton & Williams, LLP/attorney**
Recipient(s)	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not include any factual discussion. It identifies issues regarding the referenced draft document and makes recommendations concerning those issues. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA DRAWING EMAIL-ATT LEGAL DOCUMENT LIST REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050523.6829**
LSN Accession No.	**DN2002333591**
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 Draft HQ Draft of SAR Section 2.3.4**
Author(s) Name/Org/Capacity	**DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050527.2494**
LSN Accession No.	**DN2002331131**
Doc Date	**20041105**
Title	**HQ Draft SAR 2.3.4 Consolidated Legal - 1 of 3**
Subject Matter Description	**The document concerns the draft section 2.3.4 of the draft LA.**
Author(s) Name/Org/Capacity	**Reynolds, Myles/ Hunton & Williams, LLP/attorney**
Recipient(s)	**Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney** **Younker, Jean L. / BSC Repository Development - Performance Assessment / BSC Manager of Technology I** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **Board, Mark P. / BSC Repository Development - Engineering Systems & Disruptive Events Operations / ITASCA Consulting Group, Inc. Scientist** **Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member** **Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis** **Gross, Mike /BSC** **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. The recipients are DOE and DOE contractor personnel, and other DOE counsel, who are responsible for the draft document that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050527.4361**
LSN Accession No.	**DN2002337012**
Doc Date	**20041105**
Title	**Master Legal Comments 1.2.5**
Subject Matter Description	**The document concerns draft section 1.2.5 of the draft LA, which concerns the proposed canister handling facility for the YM repository.**
Author(s) Name/Org/Capacity	**Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney**
Recipient(s)	**Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III** **Sequeira, Gary / MTS - Engineering & Design & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Systems Engineer** **Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager** **Frazier, Amanda / Hunton & Williams, LLP / Attorney** **Beard, Kristina / Hunton & Williams, LLP / Attorney** **Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney** **Cochraine, Colin/BSC**
Author Recipient Relationship	**The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are DOE and DOE contractors, and DOE counsel, responsible for the draft document that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20050527.6004**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Noonan, Edward P./Hunton & Williams**
Recipient(s)	**Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member** **Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Gamble, Robert / MTS / MTS/Booz-Allen Support Contract** **Weaver, Douglas / SNL /** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Deliberation Explanation	**The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050527.6252**
LSN Accession No.	**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)**
Author(s) Name/Org/Capacity	**DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LEGAL DOCUMENT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050527.7090**
LSN Accession No.	**DN2002330524**
Doc Date	**20050518**
Title	**YM-4989-v3-MEMO Rev. B Review Notes**
Subject Matter Description	**The subject matter is draft license application section 4: Performance Confirmation.**
Author(s) Name/Org/Capacity	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Noonan, Edward / Hunton & Williams / Attorney**
Recipient(s)	**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** **Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Gamble, Robert / MTS / MTS/Booz-Allen Support Contract** **Weaver, Douglas / SNL /** **Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
Author Recipient Relationship	**Authors and recipients are licensing counsel and DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section (Performance Confirmation) and its form and content.**
Deliberation Explanation	**The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050527.9670**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Hunton & Williams licensing attorneys**
Recipient(s)	**Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney**
Author Recipient Relationship	**Authors and recipients are licensing attorneys and DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section of the license application.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **MAP** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050608.0236**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**DOE OGC attorneys** **DOE OGC's outside attorneys**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document contains no factual sections. Rather it reflects in its entirety the recommendations, opinions, and legal advice of the authors.**
Doc Type	**REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050708.0067**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Hunton & Williams licensing attorney or attorneys** **Thomas, Daniel A./ BSC Repository Development - Conversion/**
Recipient(s)	**Wisenburg, Mark R./ BSC Repository Development - Conversion/** **Richardson, Dennis C./ BSC Repository Development - Conversion/** **Hutchins, William/ BSC Repository Development - License Application/** **Franklin, David / Navy Reactors /** **Irwin, Donald/ Hunton & Williams, LLP/** **Rinaca, James/ Hunton & Williams, LLP/** **Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/** **Beard, Kristina/ Hunton & Williams, LLP/** **Cereghino, Stephen J./ BSC Repository Development - Conversion/** **Brock, Robert T./ BSC Repository Development/**
Author Recipient Relationship	**Authors and recipients are licensing attorneys and DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors, including licensing counsel for a portion of the comments, are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION);** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20050721.1665**
LSN Accession No.	**DN2002333194**
Doc Date	**20050524**
Title	**FW: Results update, Prep for meeting.**
Subject Matter Description	**The email discusses the attached report on the preliminary results of ongoing development of TAD study scenarios.**
Author(s) Name/Org/Capacity	**Kim, Dong / DOE - OCRWM Office of Systems Analysis & Strategy/Development / General Engineer**
Recipient(s)	**Kim, Dong / DOE - OCRWM Office of Systems Analysis & Strategy/Development / General Engineer Gillespie, Scott G./ BSC Repository Development - Conversion/ Coryell, Eric / BSC de Castongrene, Russell, III / BSC Siefken, David L./ BSC Repository Development - Program Integration/ Lopez, Patty / BSC**
Author Recipient Relationship	**The authors and recipients are YMP personnel working on analyzing and making recommendations to DOE management on the TAD concept.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what options DOE should select for the use of TADs in the YM repository design. The discussion concerns DOE's decision with respect to the TAD, and precedes DOE's ultimate decision to go with the TAD concept.**
Deliberation Explanation	**The email discussion summarizes the options considered and recommendations of S. Turner of Oak Ridge regarding the TAD concept. The analysis reflected in this email contains the give-and-take exchange within the Project that fed into DOE's ultimate decision on the TAD.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20050721.1666**
LSN Accession No.	**DN2002470014**
Doc Date	**20050524**
Title	**TAD Study Update 5-24**
Subject Matter Description	**The document concerns preliminary results of ongoing development of TAD study scenarios.**
Author(s) Name/Org/Capacity	**Turner, Steve / / Gillespie, Scott G. / BSC Repository Development - Program Integration / BSC Principal Engineer I**
Recipient(s)	**de Castogrente, Russell Coryell, Eric Siefken, David L./ BSC Repository Development - Program Integration/ Lopez, Patty Kim, Dong / DOE - OCRWM Office of Systems Analysis & Strategy/Development / General Engineer**
Author Recipient Relationship	**The authors and recipients are YMP personnel working on analyzing and making recommendations to DOE management on the TAD concept.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what options DOE should select for the use of TADs in the YM repository design. The document reflects work that was being performed that would provide the basis for a DOE decision on the use of TADs.**
Deliberation Explanation	**The document was a preliminary report of the work of the group analyzing potential TAD scenarios, to support a decision by DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not discuss existing facts. It presents various potential scenarios and evaluates issues posed b those hypothetical situations.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20050722.2462**
LSN Accession No.	**DN2002334905**
Doc Date	**20050615**
Title	**SAR 5.4 with new edits_accept**
Subject Matter Description	**The document is a draft of section 5.4 of the draft LA that concerns the proposed approach to expert elicitation.**
Author(s) Name/Org/Capacity	**Pendleton, Martha W./ BSC Repository Development - Conversion/**
Recipient(s)	**Reynolds, Myles / Hunton & Williams, LLP / Attorney** **Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney** **McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs** **Irwin, Donald / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **Boyle, William J/ DOE - OCRWM Office of Repository Development/** **DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/Attorney** **Rassmussen, Kirk D./ Hunton & Williams, LLP/Attorney** **Younker, Jean L./ BSC Repository Development - Chief Science Officer/** **Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/** **Peltier, Benjamin/BSC**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors , and DOE attorneys, responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALA.20050722.5041**
LSN Accession No.	**DN2002330499**
Doc Date	**20050707**
Title	**SAR 5.4 with new edits**
Subject Matter Description	**The document concerns draft section 5.4 of the draft La, which addresses proposed techniques to be used for expert elicitation.**
Author(s) Name/Org/Capacity	**Pendleton, Martha W./ BSC Repository Development - Conversion/**
Recipient(s)	**Peltier, Benjamin /DOE/** **Boyle, William J/ DOE - OCRWM Office of Repository Development/** **DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney** **Rassmussen, Kirk D./ Hunton & Williams, LLP/attorney** **Reynolds, Myles/ Hunton & Williams, LLP/attorney** **Younker, Jean L./ BSC Repository Development - Chief Science Officer/** **Capoferri, Anita/ DOE - Office of General Counsel (OGC)/attorney** **Fillmore, Robert M./ Hunton & Williams, LLP/attorney** **Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/** **Pelletier, John F./ BSC Repository Development - Engineered System/**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors, and DOE counsel, responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what techniques for expert elicitation DOE should adopt for the YM proceeding and how to describe those techniques in the LA.**
Deliberation Explanation	**The document provides the author's opinions on what techniques should be used and how they should be described in the LA, and comparison of the draft with the final LA could be used to re-construct DOE's internal deliberations on the topic.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST**

	REPORT
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALA.20050801.0514**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D./ Hunton & Williams, LLP/**
Recipient(s)	**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**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20050801.1323**
LSN Accession No.	**DN2002336661**
Doc Date	**20050615**
Title	**DOE Core Team Comments on Section 1.3.3 Draft B-3**
Subject Matter Description	**The subject matter of the document is draft SAR section 1.3.3 Nonemplacement Areas of the Subsurface Facility and comments on form and content of same**
Author(s) Name/Org/Capacity	**Greenberg, Harris/ BSC /**
Recipient(s)	**Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II** **Meacham, Paul / BSC Repository Development - LA Completion / Integrated Science Solutions, Inc. (ISSI) Technical Specialist** **Gonzalez, Jaime / /** **White, Jon / DOE /** **Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman Engineering Division Director** **Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Beard, Kristina / Hunton & Williams, LLP / Attorney** **Boutin, Robert J. / BSC Repository Development - Science & Engineering / BSC Project Manager** **Mills, Mark / BSC /** **Cornell, Veronica / MTS - Licensing / Parallax, Inc. Policy Analyst** **Voltura, Nancy-Ann / DOE - OCRWM / Office of Quality Concerns Program** **Zaccone, Charlotte A. / MTS - Engineering & Design & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Mechanical Engineer** **Prytherch, Mark / SNL /**
Author Recipient Relationship	**Authors and recipients are DOE employees, contractors, DOE outside counsel, and attorneys in DOE OGC responsible for the subject draft SAR sections**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**

Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALA.20050801.5845**
LSN Accession No.	
Doc Date	**20050616**
Title	**Proposed addition to SAR 2.3.6**
Subject Matter Description	**Proposed addition to SAR 2.3.6**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Ziegler, Joseph/DOE OCRWM/Licensing Director** **Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Stahl, David /DOE/**
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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content. The author proposes that changes be made by DOE in SAR section 2.3.6 as well as recommending changes to the DOE's position on common mode failures.**
Deliberation Explanation	**The document provides the author's subjective opinions about SAR section 2.3.6 as well as his analysis and proposed recommendations for this draft SAR section and the then-current licensing position for this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20051003.0010**
LSN Accession No.	**DN2002470735**
Doc Date	**20050815**
Title	**PRIV Burnup credit in waste package.doc**
Subject Matter Description	**Whether to use burnup credit in analyzing criticality in unsealed, loaded waste packages in the Surface Facility.**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H.**
Recipient(s)	
Author Recipient Relationship	**The author is an official within OCRWM.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This memorandum relates to DOE's decision on whether to use burnup credit in analyzing criticality for waste packages. This document sets forth a series of talking points on this issue, and analyzes the issue. The information was prepared for S. Hanauer for his discussions with DOE decision-makers.**
Deliberation Explanation	**This document makes recommendations for the treatment of burn-up credit in criticality analyses. The document makes recommendations and provides the reasons for those recommendations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual section. Nor do it various sections contain any factual discussion that is segregable from the deliberative portions of the document. The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EFILE**
Other Privilege Types	

Participant Accession No.	**ALA.20051003.0012**
LSN Accession No.	**DN2002468859**
Doc Date	**20050815**
Title	**PRIV HVAC single failures.doc**
Subject Matter Description	**Single failure points in HVAC system design P&ID**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft document and licensing positions to be taken by DOE.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision involves the PCSA fuel-in-air analysis and the effect that such analysis will have on the HVAC system design and reliability specifications adopted by DOE and its contractors.**
Deliberation Explanation	**The purpose of this document is to provide the author's position regarding the potential vulnerabilities in the current HVAC system design and the effect of the position taken with regard to fuel-in-air analysis on same.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EFILE**
Other Privilege Types	

Participant Accession No.	**ALA.20051003.0806**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Yuan, YuChien**
Recipient(s)	**Suarez, Diego / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist** **Richmond, Nicole** **Platten, Fred** **Chen, Ming**
Author Recipient Relationship	**Authors and recipients are DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing responses to questions and comments raised regarding the proposed licensing positions in and the form and content of this draft license application section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20051003.0896**
LSN Accession No.	**DN2002335100**
Doc Date	**20050613**
Title	**DOC279**
Subject Matter Description	**The document is a draft of a chapter 1 of the draft LA,.**
Author(s) Name/Org/Capacity	**Oney, Thomas/ Hunton & Williams, LLP/attorney**
Recipient(s)	**DOE Office of General Counsel**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051003.2571**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Project personnel responsible for development of draft SAR section** **Licensing attorneys who have responsibility for this draft SAR section** **King, Ann/BSC**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Anaylst/Modeler** **Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/** **Gardiner, James T./ BSC Repository Development - Mechanical Engineers/** **Cereghino, Stephen J./ BSC Repository Development - Conversion/** **Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/** **Cochrane, Colin/BSC** **Kumar, Paul A./ BSC Repository Development - Conversion/** **Johnson, Tracy/BSC**
Author Recipient Relationship	**Authors and recipients are DOE contractors, project personnel and licensing attorneys responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document contains comments on the draft SAR section. It is a part of DOE's ongoing deliberations on the proposed licensing positions and form and content of this draft section regarding what canister handling facilities DOE should adopt for the YM repository.**
Deliberation Explanation	**The authors, including licensing counsel, are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **ACP-discusses attorneys advice;** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20051003.2572**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Project personnel who have responisbility over development of this draft SAR section King, Ann/BSC**
Recipient(s)	**Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Anaylst/Modeler Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Cereghino, Stephen J./ BSC Repository Development - Conversion/ Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Cochrane, Colin/BSC Kumar, Paul A./ BSC Repository Development - Conversion/ Johnson, Tracy/BSC**
Author Recipient Relationship	**Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is a part of the ongoing deliberations at DOE about what licensing positions as well as what form and content this draft section of the SAR should take.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA DRAWING EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20051003.2581**
LSN Accession No.	**DN2002331929**
Doc Date	**20041105**
Title	**DOE Draft A Comments on Section 1.2.3**
Subject Matter Description	**The document is draft section 1.2.3 of the draft LA, which concerns the proposed cask and waste receipt building proposed for the YM repository.**
Author(s) Name/Org/Capacity	**DOE Corps Team**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler King, Ann/BSC Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Cereghino, Stephen J./ BSC Repository Development - Conversion/ Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Cocchrane, Colin/BSC Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Brooks, Joan/BSC**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of what type of cask and waste receipt building to be adopted for the Ym repository, and what to say about it in the LA and how to describe it.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft to the final LA would reveal DOE deliberations on the referenced subject matter of the LA section. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**

Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **ACP-discusses attorneys advice**

Participant Accession No.	**ALA.20051003.2939**
LSN Accession No.	**DN2002335570**
Doc Date	**20050727**
Title	**Re: Attorney-Client Priviliged - - 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.**
Author(s) Name/Org/Capacity	**Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Division Team Member**
Recipient(s)	**Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **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** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist** **Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis** **Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member** **Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates Senior Engineering Specialist** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist** **Weaver, Douglas / SNL /**
Author Recipient Relationship	**The author is an official within OCRWM. The recipients are other OCRWM officials, DOE counsel and DOE M&O contracts with responsibility for the subject matter of the communication.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content. This document is a part of DOE's ongoing process in determining what positions it should take in the LA/SAR that will eventually be filed with the NRC>**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positionsas well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20051003.3485**
LSN Accession No.	**DN2002334507**
Doc Date	**20050616**
Title	**1.3.4RevBComments**
Subject Matter Description	**Yucca Mountain Repository SAR, 1.2.3 Emplacement Areas of the Subsurface Facility - DOE/RW-0573, Draft B-4**
Author(s) Name/Org/Capacity	**Beard, Kristina/ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II** **Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer** **Gonzales, Lou / BSC Repository Development - Licensing & Nuclear Safety / LA Completion Team Member** **Gonzales, Jaime / DOE/RW OCE /** **Bryan, Martin C / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Program Manager** **Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Anaylst/Modeler** **Suarez, Diego / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel. The recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice**

Participant Accession No.	**ALA.20051003.3808**
LSN Accession No.	**DN2002335971**
Doc Date	**20050421**
Title	**DOE Draft A Comments on Section 1.2.8**
Subject Matter Description	**DOE Draft A Comments on SAR Section 1.2.8**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20051005.1253**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Shamblin, Penny / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney**
Recipient(s)	**Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Platten, Fred**
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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**Licensing counsel is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **ACP-discusses attorneys advice;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051005.1254**
LSN Accession No.	**DN2002331833**
Doc Date	**20050526**
Title	**1_3_5 Rev B HW Comments**
Subject Matter Description	**The document concerns draft section 1.3.5 of the draft LA, which addresses subsurface facility ventilation design.**
Author(s) Name/Org/Capacity	**Shamblin, Penny / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney**
Recipient(s)	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Beard, Kristina / Hunton & Williams, LLP / Attorney** **Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist**
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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content. This draft section of the SAR and the attorney's comments are part of DOE's ongoing effort to develop the LA/SAR that will ultimately be filed with the NRC.**
Deliberation Explanation	**Licensing attorney is providing her recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051005.1323**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Oney, Thomas/ Hunton & Williams, LLP/attorney**
Recipient(s)	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney 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 Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Holt Jr., Robert D. / BSC Repository Development - BOP PE / BSC Project Manager Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Beard, Kristina / Hunton & Williams, LLP / Attorney Minwalla, Homi J./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The authors are attorneys 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is a part of DOE's ongoing decision-making process on the proposed licensing positions as well as the form and content of this draft SAR section. DOE has not made a final decision on what information and positions will be included in this draft section until it files its LA/SAR with the NRC.**
Deliberation Explanation	**Counsel is providing advice and recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051005.1324**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Oney, Thomas/ Hunton & Williams, LLP/attorney**
Recipient(s)	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney 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 Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Holt Jr., Robert D. / BSC Repository Development - BOP PE / BSC Project Manager Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Beard, Kristina / Hunton & Williams, LLP / Attorney 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document relates to DOE's ongoing process on what positions it will take and what information it will include in the SAR that will ultimately be filed with the NRC.**
Deliberation Explanation	**Counsel is providing advice and recommendations on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051005.2051**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Analyst Modeler**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - LA Completion / Beckman & Associates Program Manager Powell, David / BSC / Trubatch, Sheldon/BSC/Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Principal Engineer Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Elder, Ken / DOE/RW OCE / Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory) Ashley, Glenn / BSC/Beckman / Frazier, A. / Hunton & Williams, LLP/ Attorney Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of draft section 1.7, including how best to respond to and incorporate legal advice on same.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The email contains no fact section. It reflects in its entirety the author's opinions and recommendations.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-discusses attorneys advice; LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20051005.2216**
LSN Accession No.	**DN2002332896**
Doc Date	**20050728**
Title	**RE: SAR 1.4.1, attorney-client privilege**
Subject Matter Description	**This email discussion from S. Cereghino provides responsive information to DOE OGC counsel on draft SAR section 1.4.1**
Author(s) Name/Org/Capacity	**Oney, Thomas / Hunton & Williams, LLP / Attorney Cereghino, Stephen J./ BSC Repository Development - Conversion/**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Deliberation Explanation	**The author is providing his recommendations, opinions, and legal advice concerning proposed licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051005.2880**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Gonzales, Lou / BSC Repository Development - Licensing & Nuclear Safety / Licensing Application Completion Team Member**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**DOE position to be taken on the subject draft and ultimately the YMRP.**
Deliberation Explanation	**The author is providing his recommendation and opinion on the comments DOE should file relative to the draft YMRP.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is no factual section to this draft document. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20051006.4751**
LSN Accession No.	
Doc Date	**20050716**
Title	**GAV-Sebastian-Ed Revised 2.3.11.5.4.3 Magma Flow in Drifts**
Subject Matter Description	**The document concerns the discussion in the draft License Application of Magma Flow in Drifts**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/** **Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4752**
LSN Accession No.	
Doc Date	**20050630**
Title	**Jon-Chuck Data Uncertainty for Tephra Redistribution - 2.3.11.6.**
Subject Matter Description	**The document concerns the discussion of thephra redistribution in the draft License Application.**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4753**
LSN Accession No.	
Doc Date	**20050713**
Title	**Jon-Chuck Model Uncert and Alt Models for Tephra Redist 2.3.11.6**
Subject Matter Description	**The document concerns the discussion of tephra redistribution in the draft LA.**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4754**
LSN Accession No.	**DN2002330781**
Doc Date	**20050715**
Title	**Jon-Chuck Revised SAR 2.3.11.6.2.3 Tephra Redistribution**
Subject Matter Description	**The document concerns the discussion of Tephra Redistribution in the draft License Application.**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4755**
LSN Accession No.	
Doc Date	**20050715**
Title	**Jon-Chuck Revised Section 2.3.11.6.1.4 Tephra Redistribution**
Subject Matter Description	**The document concerns the discussion in the draft License Application of Tephra Redistribution**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4756**
LSN Accession No.	
Doc Date	**20050715**
Title	**Jon-ChuckRevised Table 2.3.11-9**
Subject Matter Description	**The document concerns the discussion in the draft LA of Soil Redistribution Factors for the TSPA-LA Model.**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor perosnnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4757**
LSN Accession No.	
Doc Date	**20050713**
Title	**Mike New 2.3.11.6.3.1 Data Uncert No WPs hit eruption**
Subject Matter Description	**The document concerns the discussion in the draft LA of the Number of Waste Packages intersected by erupted conduits**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4758**
LSN Accession No.	
Doc Date	**20050701**
Title	**Mike New 2.3.11.6.4.1 Analysis Uncert Eruptive**
Subject Matter Description	**The document concerns the discussion in the draft LA of the Number of Waste Packages Intersected by Eruptive Conduits.**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4759**
LSN Accession No.	
Doc Date	**20050713**
Title	**Mike Revised 2.3.11.5.2.7 WPs Hit**
Subject Matter Description	**The document concerns the discussion in the draft LA of Waste Packages Compromised During Igneous Intrusion**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4760**
LSN Accession No.	
Doc Date	**20050713**
Title	**Mike Revised 2.3.11.5.3.7 Data Uncertainty WPs Hit**
Subject Matter Description	**The document concerns the discussion in the draft LA of the Number of Waste Packages Compromised During an Igneous Intrusion.**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4761**
LSN Accession No.	
Doc Date	**20050718**
Title	**Mike Revised 2.3.11.5.4.5 Model Uncert WPs Hit**
Subject Matter Description	**The document concerns the discussion in the draft License Application of the Number of Waste Packages Compromised During an Igneous Intrusion**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051006.4762**
LSN Accession No.	
Doc Date	**20050701**
Title	**Mike Revised 2.3.11.6.2.1**
Subject Matter Description	**The document concerns the discussion in the LA of waste packages intersected by conduits during a volcanic eruption.**
Author(s) Name/Org/Capacity	**Michael Wallace / /**
Recipient(s)	**Crump, Terry/ BSC Repository Development/ Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051007.0497**
LSN Accession No.	**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)**
Author(s) Name/Org/Capacity	**Frazier, Amanda / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Johnson, Tracy // Hellstrom, George/ DOE - Office of General Counsel (OGC)/Attorney Beard, Kristina/ Hunton & Williams, LLP/ Attorney Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ Cereghino, Stephen J./ BSC Repository Development - Conversion/ Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Cochrane, Colin**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051007.0516**
LSN Accession No.	**DN2002337729**
Doc Date	**20050624**
Title	**1.2.2Rev.BComments**
Subject Matter Description	**This document concerns draft SAR section 1.2.2 and attorney comments on this draft.**
Author(s) Name/Org/Capacity	**Beard, Kristina/ Hunton & Williams, LLP/ Attorney** **Biggs, Jo Ann/ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Johnson, Tracy / BSC /** **Pernisi, Richard / BSC /** **Hellstrom, George/ DOE - Office of General Counsel (OGC)/** **Gardiner, James T./ BSC Repository Development - Mechanical Engineers/** **Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/** **Cereghino, Stephen J./ BSC Repository Development - Conversion/** **Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/** **Tooker, D.W/ BSC Repository Development - Fuel Handling Facility/** **Bryan, Martin C/ BSC Repository Development - LA Completion/** **Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/** **Kutzer, John F./ BSC Repository Development - LA Completion/** **Morgan, Robert G./ BSC Repository Development - Chief Science Officer/**
Author Recipient Relationship	**The authors of the comments are licensing attorneys and the recipients are DOE employees and contractors responsible for the subject draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051018.0718**
LSN Accession No.	**DN2002336603**
Doc Date	**20050729**
Title	**Proposed Changes to Aircraf Freq. Analysis**
Subject Matter Description	**The correspondence addresses proposed changes to the frequency analysis of aircraft hazards.**
Author(s) Name/Org/Capacity	**Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BSC President & General Manager**
Recipient(s)	**Arthur, John, III / DOE - OCRWM Office of Repository Development / Deputy Director** **Haught, David C. / DOE - OCRWM Office of License Application & Strategy / Engineer** **Ashley, Kathryn / BSC Repository Development - Preclosure Safety Analyses / Beckman & Associates (B&A) or (BAA) Senior Nuclear Critical Engineer** **Beckman, Donald / BSC Repository Development - KTI Completion Team / Beckman & Associates (B&A) or (BAA) Program Manager** **Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Acting Director** **Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **McCullough, M. G. / BSC /** **Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist** **Powers, K. W. / DOE - OCRWM /** **Rusinko, B. E. / /** **Tosetti, R. J. / BSC /** **Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / Senior Principal Engineer**
Author Recipient Relationship	**The document was prepared by DOE's M&O contractor for the YMP and sent to DOE officials,**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision is whether adopt the proposed changes to the frequency analysis of the aircraft hazards.**
Deliberation Explanation	**The correspondence from the DOE M&O contractor to the DOE Deputy Director of the Office of Repository Development sets forth the proposed change and its implications. It was prepared at DOE's request to assist OCRWM decisionmaking on the referenced subject matter.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document contains no discrete factual section. Rather it reflects the authors' assessment of the implications or a proposed change in the frequency analysis of the aircraft hazards. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to**

	the author's opinions and what information the author considered important.
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	

Participant Accession No.	**ALA.20051018.1986**
LSN Accession No.	**DN2002330303**
Doc Date	**20050802**
Title	**FW: Response to EIA comments**
Subject Matter Description	**FW: Response to EIA comments**
Author(s) Name/Org/Capacity	**McRae, James B./ DOE - Office of General Counsel (OGC)/**
Recipient(s)	**Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney** **Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor**
Author Recipient Relationship	**The author and recipients are DOE employees, including attorneys with DOE OGC, with responsibility for formulating DOE's position respecting the proposed EPA regulation and the accompanying EIA.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the position DOE should take respecting the proposed EPA regulation and the EIA that accompanies it.**
Deliberation Explanation	**The document contains recommendations, opinions, and legal advice concerning EPA's response to DOE's comments on EIA related to proposed EPA regulation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney**

Participant Accession No.	**ALA.20051018.2155**
LSN Accession No.	**DN2002329336**
Doc Date	**20050802**
Title	**FW: Response to EIA comments**
Subject Matter Description	**FW: Response to EIA comments**
Author(s) Name/Org/Capacity	**McRae, James Ben / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs**
Recipient(s)	**Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney** **Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/**
Author Recipient Relationship	**The author and recipients are DOE employees, including attorneys with DOE OGC, with responsibility for formulating DOE's position respecting the proposed EPA regulation and the accompanying EIA.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the position DOE should take respecting the proposed EPA regulation and the EIA that accompanies it.**
Deliberation Explanation	**The document contains recommendations, opinions, and legal advice concerning EPA's response to DOE's comments on EIA related to proposed EPA regulation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney**

Participant Accession No.	**ALA.20051018.2314**
LSN Accession No.	**DN2002334657**
Doc Date	**20050803**
Title	**FW: Response to EIA comments**
Subject Matter Description	**FW: Response to EIA comments**
Author(s) Name/Org/Capacity	**Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor**
Recipient(s)	**Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager** **Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney** **Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor**
Author Recipient Relationship	**The author and recipients are DOE employees, including attorneys with DOE OGC, with responsibility for formulating DOE's position respecting the proposed EPA regulation and the accompanying EIA.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the position DOE should take respecting the proposed EPA regulation and the EIA that accompanies it.**
Deliberation Explanation	**The documents contains recommendations, opinions, and legal advice concerning EPA's response to DOE's comments on EIA related to proposed EPA regulation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney**

Participant Accession No.	**ALA.20051018.4383**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Self, Jerry G./ BSC Repository Development - Conversion/**
Recipient(s)	**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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20051018.4774**
LSN Accession No.	**DN2002330555**
Doc Date	**20050827**
Title	**FW: SAR Section 2.3.4 action item - PRIVILEGED (From: Richard Quittmeyer)**
Subject Matter Description	**FW: SAR Section 2.3.4 action item - PRIVILEGED (From: Richard Quittmeyer)**
Author(s) Name/Org/Capacity	**Reynolds, Myles / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Quittmeyer, Richard C. / BSC Repository Development - Seismic Studies / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051018.6678**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document gives legal advice regarding the YMRP criteria in SAR section 2.3.7**
Deliberation Explanation	**This document gives legal advice regarding the YMRP criteria in SAR section 2.3.7**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051018.7298**
LSN Accession No.	**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)**
Author(s) Name/Org/Capacity	**Kriner, Jeffrey / BSC**
Recipient(s)	**Fuller, Ed / BSC /** **Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist**
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).**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION)**

Participant Accession No.	**ALA.20051018.9046**
LSN Accession No.	**DN2002337307**
Doc Date	**20050818**
Title	**Updates to SAR Sections 1.14.2.1 - 1.14.2.2.1 - 1.14.2.2.4 08192005**
Subject Matter Description	**The subject matter of the document is draft SAR Sections 1.14.2.1 Nuclear Criticality Safety Design Criteria and comments thereon.**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft SAR sections**
Recipient(s)	**Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor** **DOE employees and contractors responsible for the subject draft SAR sections**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051018.9976**
LSN Accession No.	**DN2002332386**
Doc Date	**20050818**
Title	**RE: Action items for 2.3.8**
Subject Matter Description	**The subject matter of the document is action items for draft section 2.3.8 of the draft LA and comments regarding same**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Houseworth, James E. / BSC Repository Development - Natural Systems / Lawrence Berkeley National Laboratory (LBNL) UZ Deputy Department Manager** **Younker, Jean L./ BSC Repository Development - Chief Science Officer/** **Hammermeister, Heather L. / BSC Repository Development - Project Operations /** **Tarbox, Annie / BSC /**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project, and the recipients are DOE employees and contractors responsible for the subject draft LA sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051020.1137**
LSN Accession No.	**DN2002334065**
Doc Date	**20050915**
Title	**FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication**
Subject Matter Description	**The document concerns draft section 2.3 of the draft LA.**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney**
Author Recipient Relationship	**Author is an attorney with DOE's outside counsel and recipients are DOE and BSC project personnel, including an attorney with DOE OGC, and an attorney with DOE's outside counsel with responsibility for the subject draft SAR section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051102.1231**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Biggs, Jo Ann / Hunton & Williams, LLP / 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..**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051102.2177**
LSN Accession No.	**DN2002336840**
Doc Date	**20050914**
Title	**Section 1.3.1.2.4 - Revised 9-14-05 FINAL - hrg edit**
Subject Matter Description	**The document concerns the section 1.3.1.2.4 of the draft LA which concerns the proposed thermal loading strategy for the YM repository.**
Author(s) Name/Org/Capacity	**Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer**
Recipient(s)	**Reinecke, Royce /BSC** **Suarez, Diego/ BSC Repository Development - Conversion/** **Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/** **Gonzales, Jamie/ BSC Repository Development/** **White, Jon/ DOE OCRWM** **Mills, Mark/BSC** **Cornell, Veronica/ MTS - Licensing/** **Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney** **Beard, Kristina/ Hunton & Williams, LLP/attorney** **Andrews, Robert W./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections. Attorneys with DOE OGC and outside licensing counsel who too are responsible for the draft LA section were recipients.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what thermal loading strategy should DOE adopt for the YM repository.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed about a proposed thermal loading strategy that was under deliberation.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051102.3098**
LSN Accession No.	**DN2002329662**
Doc Date	**20050912**
Title	**Re: SAR 2-4 thermal write-up; Section2.4-1pager_RLHcomments**
Subject Matter Description	**The document concerns section 2.4-1 of the draft LA, which concerns the effects on lower thermal loading on the TSPA model.**
Author(s) Name/Org/Capacity	**Howard, Robert L./ BSC Repository Development - Conversion/**
Recipient(s)	**Younker, Jean L. / BSC Repository Development - Licensing Defense / Manager of Technology I** **Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management** **McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / Principal Scientist II** **Hardin, Ernest / BSC Repository Development - Near Field Environment / Project Manager** **Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead** **Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / Senior Project Manager** **Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager** **Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Andrews, Robert W. / BSC Repository Development - Licensing Defense / Senior Project Manager**
Author Recipient Relationship	**Authors and recipients are DOE M&O contracto personel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Proposed licensing positions in and form and content of this draft section**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20051102.4859**
LSN Accession No.	**DN2002474241**
Doc Date	**20050902**
Title	**Comments on Section 1.2.2 - Privileged**
Subject Matter Description	**This document contains an email discussion among OGC lawyers and outside counsel and DOE's M&O contractor regarding draft section 1.2.2.**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager** **Beard, Kristina/ Hunton & Williams, LLP/**
Recipient(s)	**Beard, Kristina / Hunton & Williams, LLP / Attorney** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III** **Linhart, James G. / DOE - OCRWM /**
Author Recipient Relationship	**The author is an attorney with DOE's outside counsel; the recipients are either lawyers with DOE's OGC, OCRWM officials, or M&O contractor personnel.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALA.20051102.5320**
LSN Accession No.	
Doc Date	**20050824**
Title	**Table 21 - Draft C - KDR Cmts**
Subject Matter Description	**The document concerns the draft discussion of the FEPs screening decision for erosion/denudation.**
Author(s) Name/Org/Capacity	**Reynolds, Myles/ Hunton & Williams, LLP/attorney**
Recipient(s)	**Biggs, Jo Ann/ Hunton & Williams, LLP/attorney** **Whalen, Cheryl L. / BSC Repository Development - Licensing Defense / JK Research Associates (JKRA) Scientist** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager** **Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Fillmore, Robert M. / 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 DOE and DOE contractor personnel responsible for the draft section of the draft LA that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051102.5321**
LSN Accession No.	**DN2002337910**
Doc Date	**20050824**
Title	**Table 22 - Draft C - KDR Cmts**
Subject Matter Description	**The document concerns the draft FEPs screening discussion in the draft LA for influc through holes drilled in drift wall or crown.**
Author(s) Name/Org/Capacity	**Reynolds, Myles/ Hunton & Williams, LLP/attorney**
Recipient(s)	**Biggs, Jo Ann/ Hunton & Williams, LLP/attorney** **Whalen, Cheryl L. / BSC Repository Development - Facilities Design / JK Research Associates (JKRA) Scientist** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager** **Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Fillmore, Robert M. / 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 DOE OCRWM personnel and other Yucca Mountain Project personnel, including attorneys with DOE OGC and DOE outside licensing counsel, who have responsibility for the draft document that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**

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

Participant Accession No.	**ALA.20051102.5323**
LSN Accession No.	
Doc Date	**20050824**
Title	**Table 33 - Draft C - KDR Cmts**
Subject Matter Description	**The document concerns the discussion in the draft License Application of the FEPs screening decision for human influence on climate**
Author(s) Name/Org/Capacity	**Reynolds, Myles/ Hunton & Williams, LLP/attorneys**
Recipient(s)	**Biggs, Jo Ann/ Hunton & Williams, LLP/attorney** **Whalen, Cheryl L. / BSC Repository Development - Facilities Design / JK Research Associates (JKRA) Scientist** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager** **Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Fillmore, Robert M. / 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 DOE and DOE contractor personnel responsible for the draft section of the draft LA that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051102.5487**
LSN Accession No.	**DN2002331119**
Doc Date	**20050826**
Title	**1.2.2**
Subject Matter Description	**Attorney comments on draft SAR Section 1.2.2**
Author(s) Name/Org/Capacity	**Beard, Kristina/ Hunton & Williams, LLP/Attorney**
Recipient(s)	**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 /** **Cereghino, Stephen J./ BSC Repository Development - Conversion/**
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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20051102.6215**
LSN Accession No.	**DN2002337018**
Doc Date	**20050825**
Title	**Re: CONFIDENTIAL/PRIVILEGED**
Subject Matter Description	**The subject matter of the document is NRC staff's position on proposed EPA standard on post-10,000 year repository performance assessment.**
Author(s) Name/Org/Capacity	**Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission**
Recipient(s)	**Williams, Jeffrey R. / DOE - OCRWM /** **Nutt, Mark / Golder Associates /** **Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy /** **Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / DOE Regulatory Coordination Division Director** **Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead** **Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager** **Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Irwin, Donald / Hunton & Williams, LLP / Attorney** **Zeugin, Lee / Hunton & Williams, LLP / Attorney** **Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager**
Author Recipient Relationship	**The author is a contractor to DOE OCRWM. The recipients are various DOE OCRWM officials, counsel and contractor who were working on developing a recommendation to DOE for an aging position on EPA's proposed rulemaking for the peak dose period.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The information concerns DOE's proposed comments on the draft EPA Rule regarding projected repository performance after 10,000 years.**
Deliberation Explanation	**DOE's contractor is providing his analysis and opinions about the EPA's draft rule regarding projected repository performance after 10,000 years in order to assist DOE in submitting its comments on the draft rule to the EPA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALA.20051102.7417**
LSN Accession No.	**DN2002332375**
Doc Date	**20050915**
Title	**2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication**
Subject Matter Description	**The subject matter of the document is draft SAR section 2.3**
Author(s) Name/Org/Capacity	**Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project, and recipients are DOE OCG counsel and DOE employees and contractors responsible for the subject draft LA or SAR sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**

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

Participant Accession No.	**ALA.20051102.7420**
LSN Accession No.	**DN2002337306**
Doc Date	**20050915**
Title	**FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication**
Subject Matter Description	**Comments on Draft SAR sections 2.3.8 and 2.3.9**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice**

Participant Accession No.	**ALA.20051102.8145**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Sassani, David C. / MTS - Post Closure Safety Analsis / Golder Associates Staff Scientist**
Recipient(s)	**Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer** **Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member** **Beasley, Amanda / Hunton & Williams, LLP / Attorney**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**ACP-client to attorney;** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20051102.8297**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Prouty, Jeralyn L./ BSC Repository Development - Subcontractor Department/**
Recipient(s)	**Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Dobson, David/ BSC Repository Development - License Application/**
Author Recipient Relationship	**The authors and recipients are DOE employees and contractors with responsibility for the subject draft SAR section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA EMAIL-ATT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20051102.8563**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Frazier, Amanda / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Ashley, Glenn / BSC/Beckman / Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)**
Author Recipient Relationship	**Authors and recipients are licensing counsel and DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA--specifically the language regarding eruption of newly formed volcanoes.**
Deliberation Explanation	**The exchange of comments addresses recommendations and opinions on the proposed licensing position in this draft license application section regarding eruption of newly formed volcanoes.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20051102.8564**
LSN Accession No.	**DN2002338225**
Doc Date	**20050908**
Title	**RE: Language on Volcanic Eruptions: Privileged Attorney-Client Communication**
Subject Matter Description	**The document concerns the position in the draft LA regarding the screening out of newly-formed volcanos within 1 km of the repository.**
Author(s) Name/Org/Capacity	**Frazier, Amanda / Hunton & Willliams, LLP / Attorney**
Recipient(s)	**Ashley, Glenn / BSC** **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 Yucca Mountain Project. The recipients are DOE contractor personnel responsible for the section of the draft LA that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Deliberation Explanation	**The attorney is providing advice and recommendations on the proposed licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051102.8565**
LSN Accession No.	**DN2002330815**
Doc Date	**20050908**
Title	**Re: Language on Volcanic Eruptions: Privileged Attorney-Client Communication**
Subject Matter Description	**The document concerns the discussion in the draft LA of eruptions from newly-formed volcanoes.**
Author(s) Name/Org/Capacity	**Ashley, Glenn / BSC/Beckman /** **Frazier, Amanda / Hunton & Williams LLP /attorney**
Recipient(s)	**Frazier, Amanda / Hunton & Williams LLP /attorney** **Bradbury, Robert/ MTS - Licensing/** **Ashley, Glenn / BSC/Beckman /**
Author Recipient Relationship	**The document is an email exchange between an attorney with DOE's outside licensing counsel for the Yucca Mountain Project and a DOE employee/contractor responsible for the subject draft or SAR sections that were the subject of counsel's advice. A DOE contractor (Bradbury) also responsible for the draft LA section was copied.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matters of the draft SAR section and the form and content thereof.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposes Licensing positions to be taken on the subject matters of the draft SAR section and the form and content thereof.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney**

Participant Accession No.	**ALA.20051102.8567**
LSN Accession No.	**DN2002336017**
Doc Date	**20050908**
Title	**Re: Language on Volcanic Eruptions: Privileged Attorney-Client Communication**
Subject Matter Description	**The subject matter of these emails is volcanic eruptions and suggested language from a licensing attorney and a response to that suggested language.**
Author(s) Name/Org/Capacity	**Ashley, Glenn / BSC / Frazier, Amanda / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)**
Author Recipient Relationship	**The authors and recipients, including licensing counsel, are also DOE employees or contractors responsible for the subject addressed in the draft SAR.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the draft LA regarding volcanic eruptions.**
Deliberation Explanation	**The licensing attorney is providing recommendations and opinions on the language of the draft LA regarding volcanic eruptions and receiving a response on the suggestions from project personnel.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice**

Participant Accession No.	**ALA.20051102.8608**
LSN Accession No.	**DN2002334408**
Doc Date	**20050908**
Title	**RE: 5.4**
Subject Matter Description	**The document concerns section 5.4 of the draft License Application.**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D./ Hunton & Williams, attorney**
Recipient(s)	**Pendleton, Martha W. / BSC Repository Development - Licensing & Compliance / BSC Principal Engineer I DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Fillmore, Robert M./ Hunton & Williams, LLP/ Bailey, Jack/ BSC Repository Development - Integration/**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The document was sent to the two other attorneys, one an DOE OGC attorney and the other an attornye with DOE's outside licensing counsel. DOE counsel then provided the document to two DOE contractors responsible for the draft LA section that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Deliberation Explanation	**The author is providing advice and recommendations on the licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20051213.3286**
LSN Accession No.	**DN2002331548**
Doc Date	**20050829**
Title	**DOC028**
Subject Matter Description	**Yucca Mountain Repository SAR Draft C-4 section 1.4.1**
Author(s) Name/Org/Capacity	**Oney, Thomas/ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Holt Jr., Robert D. / BSC Repository Development - Engineering Manager / BSC Project Manager Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager Beard, Kristina / Hunton & Williams, LLP / Attorney**
Author Recipient Relationship	**Author is an attorney with DOE's outside licensing counsel and recipients are DOE employees and contractors, including an attorney with DOE's outside licensing counsel, responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Deliberation Explanation	**The author is providing his recommendations, opinions, and legal advice concerning proposed licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALA.20060111.1738**
LSN Accession No.	**DN2002469690**
Doc Date	**20051103**
Title	**Re: Crane Design - load combinations**
Subject Matter Description	**Email re supporting documentation on SAR sections**
Author(s) Name/Org/Capacity	**Ployhar, Steve / DOE- OCRWM / Pernisi, Denise A./ BSC Repository Development - Management Administrative Support/**
Recipient(s)	**Skoblar, Leonard / BSC Repository Development - Regulatory Coordination Group / Beckman & Associates (B&A) or (BAA) Senior Engineer I Cereghino, Stephen J./ BSC Repository Development - Conversion/ Ployhar, Steve/ BSC/ Rusinko, Barbara/B.E./ BSC/ Pendleton, Martha W./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The author is a DOE M&O contractor personnel. The recipients are counsel for M&O personnel and other YMP personnel with responsibility for the subject matter.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The email discussion concerns the licensing position that DOE will take in the SAR with respect to the ITS mechanical handling equipment. Accordingly, it is a part of DOE's on-going process in determining what positions and information should be included in the SAR that is ultimately filed with the NRC. The draft SAR section to which this relates is 1.2.2.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20060111.2627**
LSN Accession No.	**DN2002470111**
Doc Date	**20051101**
Title	**100 SNF Aging Report 051027-biggs**
Subject Matter Description	**The document concerns the draft SNF Aging Report.**
Author(s) Name/Org/Capacity	**Biggs, Jo Ann/ Hunton & Williams, LLP/**
Recipient(s)	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Beard, Kristina / 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 an attorney with the DOE OGC and an attorney with DOE's outside licensing counsel.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**Licensing counsel is providing recommendations and opinions on the proposed licensing positions for ITS SSCs, and the spent nuclear fuel aging report. She is providing her comments and legal analysis on a draft document.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20060126.0405**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Swanson, Leonard //** **Ployhar, Steve / BSC /**
Recipient(s)	**Bryan, Martin C/ BSC Repository Development - LA Completion/**
Author Recipient Relationship	**Authors and recipients are DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **FORM** **LIST**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20060519.0402**
LSN Accession No.	**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 importatn to safety; safety contraols; and measures to ensure availability of the safety systems.**
Author(s) Name/Org/Capacity	**Authors of the comments appear to be DOE licensing counsel with responsibility for the subject addressed in this draft LA section.**
Recipient(s)	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney**
Author Recipient Relationship	**Authors and recipient are licensing counsel or DOE employees or contractors with licensing-related responsibility for the subject of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The licensing counsel authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice; LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20060519.3835**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Powell, David / BSC /**
Recipient(s)	**Saldarini, James / BSC /**
Author Recipient Relationship	**Authors and recipients are DOE employees or contractors responsible for portions of the draft license application.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Analyses regarding the level of detail necessary in the license application to support docketing.**
Deliberation Explanation	**The author is providing a recommendation and opinion regarding the level of detail that must be included in the license application to support docketing.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20060519.5670**
LSN Accession No.	**DN2002457245**
Doc Date	**20060202**
Title	**Comments on BSC CD-1 2nd design alternative report**
Subject Matter Description	**Comments on BSC Internal Draft Conceptual Design Report for proposed operating modes of the YM repository**
Author(s) Name/Org/Capacity	**Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/**
Recipient(s)	**Chagnon, Carl W. / BSC Repository Development - Engineering Manager / BSC Project Manager** **Kantola, Leon / BSC /** **Iorii, Vince //** **Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director**
Author Recipient Relationship	**The author is a DOE OCRWM employee with responsibility for the subject matter of the comments. The recipients are YMP personnel with similar responsibilities.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Document concerns presentations of alternative surface designs for the Yucca Mountain Repository.**
Deliberation Explanation	**Document provides the author's evaluation and subjective opinions of the draft document and the alternatives presented in the draft.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not have any separate fact discussion. There are no factual assumptions. The document contains evaluations and opinions regarding design options. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**EMAIL-ATT** **LIST**
Other Privilege Types	

Participant Accession No.	**ALA.20061030.2042**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Andrews, Robert W. / BSC Repository Development / Senior Project Manager** **Williams, Mark / /**
Recipient(s)	**Younker, Jean L. / BSC Repository Development - Chief Science Officer / Manager of Technology I** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney**
Author Recipient Relationship	**The author and recipients, including an attorney, support the YMP and work on developing the license application.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the licensing issue covering the climate/hydrology work in support of peak dose calculations or modeling.**
Deliberation Explanation	**The author of the comments is providing recommendations on how to scope the licensing-related work related to the climate/hydrology work in support of peak does calculations or modeling.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney;** **LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION);** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20061030.2045**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager**
Recipient(s)	**Sweeney, Janine / DOE - Office of General Counsel (OGC) / 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** **Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management** **Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager** **Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager** **McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II** **Sevougian, David / BSC Repository Development - Management & Operations /** **Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/** **Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/** **Nutt, Mark/ Golder Associates/** **Hoshaw, Marylu / BSC /**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decisions relate to DOE positions on the proposed EPA peak dose standard as well as strategy for and development of the LA.**
Deliberation Explanation	**The email discusses and begins to evaluate factors the author deems important in evaluating information regarding peak dose estimates over alternative time periods.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is no factual section to the email. Its content in its entirety reflects the author's evaluation and judgment regarding factors important to a peak dose analysis over alternative time periods.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney;** **LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION)**

Participant Accession No.	**ALA.20061128.5063**
LSN Accession No.	**DN2002470530**
Doc Date	**20060930**
Title	**Pahrump Action 21 and 25 - Decision Paper - Environment under WP and Drip Shield**
Subject Matter Description	**The document concerns two issues: what is the expected environment in the mountain that the waste package is qualified for, and what is the environment within (under) the drip shield.**
Author(s) Name/Org/Capacity	**Dahl, Pamela / SNL /** **Knowles, Kathryn/ BSC Repository Development - Performance Assessment/**
Recipient(s)	**Sproat, Ward/DOE OCRWM/director** **Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist** **Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member** **Brady, P.V. / Sandia National Laboratory /** **Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead** **Freeze, Geoffrey A. / BSC Repository Development - FEPS / Sandia National Laboratory (SNL) Technical/Scientific Staff** **Hardin, Ernest / BSC Repository Development - Postclosure Activities / BSC Project Manager** **Howard, Clifford / /** **Knowles, Kathryn / DOE /** **MacKinnon, Bob / SNL /** **Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist** **McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II** **Stahl, David / /**
Author Recipient Relationship	**The document was prepared for decision by two OCRWM officials, Ward Sproat and Russell Dyer. The authors and other recipients are OCRWM and OCRWM contractor personnel who work on the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The issue concerns whether DOE should adopt a different thermal management strategy for operation of the YM repository to allow the postclosure performance model to allow for a wider range of emplacement temperatures and different initial environments on the waste package.**
Deliberation Explanation	**The document presents options for consideration and provides information that bears on whether to adopt a different thermal management strategy.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**

Non-Redactable Statement	**The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20061128.5207**
LSN Accession No.	**DN2002469593**
Doc Date	**20060929**
Title	**Pahrump Action 23 - DECISION PAPER - surface marring**
Subject Matter Description	**The document concerns the strategy for demonstrating that as-emplaced waste packages are suitable for disposal and consistent with postclosure modeling, and how possible waste package damage will be treated.**
Author(s) Name/Org/Capacity	**Dahl, Pamela / SNL /** **Knowles, Kathryn/ BSC Repository Development - Performance Assessment/**
Recipient(s)	**Sproat, Ward/OCRWM/director** **Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist** **Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead** **Freeze, Geoffrey A. / BSC Repository Development - FEPS / Sandia National Laboratory (SNL) Technical/Scientific Staff** **Hardin, Ernest / BSC Repository Development - Postclosure Activities / BSC Project Manager** **Howard, Clifford / /** **Knowles, Kathryn / DOE /** **MacKinnon, Bob / SNL /** **Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist** **McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II** **Stahl, David / /** **Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member** **Brady, P.V. / Sandia National Laboratory /**
Author Recipient Relationship	**The document was prepared for a decision by Ward Sproat, the OCRWM director. The authors and other recipients are various OCRWM and OCRWM contractor personnel who work on the subject matter of the referenced document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document was prepared for decision by the OCRWM director on the strategy DOE should adopt for each handling stage of the waste package, to show that the packages are consistent with the postclosure modeling assumptions.**
Deliberation Explanation	**The document provides with respect to each handling stage of a waste package, a recommended handling strategy and the reasons for the recommendation,**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. The discussion of each handling stage identifies a proposed recommendation and provides information to support the recommendation. Identification of that information would reveal the authors' opinions regarding that handling stage.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20061128.5208**
LSN Accession No.	**DN2002470990**
Doc Date	**20060929**
Title	**Pahrump Action 24 - DECISION PAPER - Drip Shield design basis**
Subject Matter Description	**The document concerns the treatment of drip shields in the post-closure performance analysis.**
Author(s) Name/Org/Capacity	**Dahl, Pamela / SNL /** **Knowles, Kathryn/ BSC Repository Development - Performance Assessment/**
Recipient(s)	**Sproat, Ward/OCRWM/Director** **Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist** **Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member** **Brady, P.V. / Sandia National Laboratory /** **Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead** **Freeze, Geoffrey A. / BSC Repository Development - FEPS / Sandia National Laboratory (SNL) Technical/Scientific Staff** **Hardin, Ernest / BSC Repository Development - Postclosure Activities / BSC Project Manager** **Howard, Clifford / /** **Knowles, Kathryn / DOE /** **MacKinnon, Bob / SNL /** **Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist** **McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II** **Stahl, David / /**
Author Recipient Relationship	**The document was prepared for a decision by the OCRWM director. The authors and other recipients are OCRWM and OCRWM contractor personnel who work on the subject matter of the referenced document.**

Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what design basis should be assigned to the drip shields for purposes of the post-closure performance assessment, i.e., protection from rock fall or water, or both.**
Deliberation Explanation	**The document makes a recommendation on the referenced topic and provides information the authors consider pertinent to making the decision, and discusses policy impacts and sensitivities regarding the issue.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not have any separate factual discussion. The document provides a recommendation and discusses sensitivities, and any information contained in those discussions would reveal the author's opinions about what information they considered important.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20061128.5214**
LSN Accession No.	**DN2002469354**
Doc Date	**20060930**
Title	**Pahrump Item 20 - Decision Paper - WP Life**
Subject Matter Description	**The document concerns whether DOE should re-examine or change the waste package design.**
Author(s) Name/Org/Capacity	**Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist**
Recipient(s)	**Sproat, Ward/OCRWM/director Dahl, Pamela / SNL / Knowles, Kathryn/ BSC Repository Development - Performance Assessment/ Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member Brady, P.V. / Sandia National Laboratory / Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead Freeze, Geoffrey A. / BSC Repository Development - FEPS / Sandia National Laboratory (SNL) Technical/Scientific Staff Hardin, Ernest / BSC Repository Development - Postclosure Activities / BSC Project Manager Howard, Clifford / / Knowles, Kathryn / DOE / MacKinnon, Bob / SNL / Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Stahl, David / /**
Author Recipient Relationship	**The author is an OCRWM official who prepared the document for a decision by the OCRWM director. The other recipients are OCRWM and OCRWM contractor personnel who have responsibility for the subject matter of the referenced document. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should re-examine or change the waste package design for the YMP.**
Deliberation Explanation	**The document provides options on the referenced issue, makes recommendations on it, and discusses policy impacts and sensitivities relevant to the decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. Any discussion of information in the options reveals the author's opinions on the options and the reasons for them.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20070426.5207**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Freeman, Patricia / DOE /** **Trillo, Sandra / /** **Sproat, Edward / DOE - OCRWM / Director**
Recipient(s)	**McKinney, Thomas / DOE /** **Kacich, Richard / DOE /** **Tosetti, Richard / DOE /** **Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member** **Feigenbaum, Ted / DOE /** **Davis, Shirley / DOE /** **Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director** **Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director** **Williams, Mark H. / DOE / Licensing Director** **Golan, Paul / DOE / Deputy Director** **Powers, Ken / DOE /** **Lanthrum, Paul / DOE /** **Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director** **Warther, Robert F. / DOE / LA Manager** **Crawford, David / DOE /** **Neumayr, Mary / DOE / Attorney** **Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney** **Irwin, Donald / Hunton & Williams, LLP / Attorney** **Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director** **Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member** **Borella, Edward / /** **Taft, Robert W./ DOE/**
Author Recipient Relationship	**The authors and recipients are personnel with responsibility for the license application and its support, including project personnel and attorneys.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document contains the author's assessment of the status of various DOE action items, as well as his recommendations and opinions as to the potential vulnerabilities posed by same. The document further contains the author's opinions as to the positions that should be taken by DOE in the licensing proceeding.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions as well as the status of outstanding potential vulnerabilities with same.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important. The entire document is deliberative.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney;** **LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION);** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070426.5991**
LSN Accession No.	
Doc Date	**20070110**
Title	**Pahrump Action Item Discussions PRIVILEDGED- Deliberative Process**
Subject Matter Description	**The document concerns various strategy and licensing position papers on: burnup credit; aircraft hazards; level of design for the LA; the use of topical reports; cas & transportation licensing; lead lab defensibility; PPP and EP in the LA; update to the safety case; TSPA modeling; risk communication; and seismic issues for licensing.**
Author(s) Name/Org/Capacity	**Sproat, Edward F. III / DOE - OCRWM / Director**
Recipient(s)	**Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director Orrell, Andrew / Sandia National Laboratory (SNL) Feigenbaum, Ted /BSC/managing director Crawford, David /DOE OCRWM Lanthrum, Gary /DOE OCRWM Powers, Ken /DOE OCRWM Williams, Mark H. / DOE OCRWM /director of licensing Golan, Paul /DOE OCRWM/deputy director Warther, Robert / DOE OCRWM/LA director Neumayr, Mary / DOE/Office of General Counsel/attorney / Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director Irwin, Donald / Hunton & Williams, LLP / Attorney Summerson, Jane R. / DOE - OCRWM Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Dyer, Russel J. / DOE - OCRWM Office of Repository Development / chief scientist Davis, Shirley /DOE OCRWM/professional assistant**
Author Recipient Relationship	**The author is the director of OCRWM. The document was sent to attorneys from the DOE Office of General Counsel who work on YMP matters and DOE's outside licensing counsel, and to OCRWM senior managers and senior representatives of the M&O contractor and the Lead Lab for the YMP.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decisions relate to each of the topics referenced in the subject matter field, and concern whether decision papers are needed on the topics.**
Deliberation Explanation	**The document provides the author's subjective views on the topics on which he wants advice from counsel and senior YMP officials, and opinions on draft strategy and licensing position papers.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not discuss any facts. It identifies issues for discussion and topics for advice, and opinions on draft documents. The document consists solely of the author's opinions.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070426.7034**
LSN Accession No.	**DN2002465573**
Doc Date	**20070116**
Title	**DOE Comments on DPs.xls R1**
Subject Matter Description	**The document concerns draft position papers on cask & transport system; the level of design in the LA; aircraft hazards; waste forms in the LA; timing of submittal of plans; risk communication to the public; peak dose; and the use of topical reports.**
Author(s) Name/Org/Capacity	**Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/ Crawford, David/DOE Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/**
Recipient(s)	**Thompson, Jay Urie, Matt/ DOE - Office of General Counsel (OGC)/attorney Lanthrum, Gary/DOE Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Zabransky, Dave K./ DOE - OCRWM/ Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Williams, Mark/DOE/Licensing Director Borella, Edward Kacich, Richard**
Author Recipient Relationship	**The authors are DOE OCRWM officials. The recipients are DOE OGC attorneys and other OCRWM officials who provided comments on the subject draft position papers.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the development of positions for the licensing proceeding on the various referenced topics.**
Deliberation Explanation	**The document provides the recipients' opinions and views on the draft position papers and provides proposed resolution of those comments in the draft position papers.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides various subjective opinions. The document posits**

	various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.
Doc Type	**EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **ACP-discusses attorneys advice**

Participant Accession No.	**ALA.20070504.0893**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager**
Recipient(s)	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist** **Linhart, James G. / DOE - OCRWM /** **Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney** **Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis** **Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman Engineering Division Director** **Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney;** **LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION);** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070504.1158**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Saldarini, James C. / Bechtel - SAIC / LA Project Manager** **Weaver, E. M. / Bechtel - SAIC / BSC Group Lead**
Recipient(s)	**Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member** **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 /** **Dunn, Thomas / BSC /** **Dyer, J. Russell / DOE - OCRWM Office of the Chief Scientist / Lead** **Franklin, David / Navy Reactors /** **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 / /** **Tosetti, Richard / BSC /** **Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney** **Warther, Robert F. / OCRWM / Federal LA Project Director** **Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member** **Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director** **Williams, Mark H. / DOE OCRWM/licensing director**
Author Recipient Relationship	**The authors and recipients are DOE officials, DOE counsel, and DOE M&O contractor personnel responsible for preparing and finalizing DOE's LA in compliance with applicable regulatory requirements and guidance.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is what licensing approach to adopt with respect to the programmatic sections of the License Application.**
Deliberation Explanation	**The YM LA CDR recommends and proposes to DOE plans for ensuring that the LA satisfies applicable regulatory requirements and guidelines with respect to programmatic requirements, and makes recommendations on licensing strategies and regulatory requirements as well as the structure and content of the applicable sections of the draft License Application.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency positions to adopt on those requirements. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070511.1330**
LSN Accession No.	
Doc Date	**20061205**
Title	**Clad credit DOE rev4**
Subject Matter Description	**The document whether DOE should take credit for cladding capability in the TSPA Compliance Model.**
Author(s) Name/Org/Capacity	**Howard, Cliff/Sandia**
Recipient(s)	**McNeish, Jerry/Sandia** **Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/** **Sevougian, David/ BSC Repository Development - Management & Operations/** **Dyer, Russel J./ DOE - OCRWM Office of Repository Development/** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/** **Knowles, Kathryn/ Sandia** **Swift, Peter N./ Sandia National Lab/** **MacKennon, Robert/Sandia** **Stahl, David/Sandia National Lab** **Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/** **Gross, Michael/Sandia** **Bonano, Evaristo J. / Sandia National Laboratory (SNL)** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist** **Warther, Robert /DOE OCRWM/LA director** **Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager**
Author Recipient Relationship	**Authors and recipients are Sandia personnel who work on the YMP and DOE OCRWM managers who have responsibility for the subject matter of the decision paper.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should adopt a regulatory interpretation for the licensing proceeding in whether to take credit for cladding capability in the TSPA Compliance Model.**
Deliberation Explanation	**The document provides the recommendation of Sandia National Lab to OCRWM on the referenced topic.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual section. Disclosure of the document's contents would reveal Sandia's positions and recommendations and the reasons for its positions.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20070515.5279**
LSN Accession No.	
Doc Date	**20070312**
Title	**Fw: NEA Symposium Trip Report (Predecisional discussion material: Privileged**
Subject Matter Description	**The document concerns the potential import on the draft License Application of standards promulgated by the Nuclear Energy Agency and the International Atomic Energy Agency.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Mark H. Williams is Director of OLAS as of 12/2/05. Stephen Hanauer and Claudia Newberry are collegues of Van Luik. Williams, Hanauer, Newberry and Van Luik oversee Postclosure and License Acquisition Division (of which William J. Boyle is the Director) and Regulatory Interactions and Strategy Division (of which April Gil is the Director). OLAS is under the Office of Repository Development. Joseph D. Ziegler stepped down as Director of OLAS in 11/2005. Ziegler was Director of OLAS since 10/28/02.**
Recipient(s)	**Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager** **Sproat, Edward F. III / DOE - OCRWM / Director** **Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director** **Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management** **Benson, Allen / DOE/OCRWM** **Sweeney, Janine / DOE - Office of General Counsel (OGC) /attorney** **Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member** **Bonano, Evaristo J. /Sandia National Laboratory (SNL)** **Orrell, Andrew / Sandia National Laboratory (SNL)**
Author Recipient Relationship	**The author is a senior DOE OCRWM official. The direct recipient (Sproat) is the director of OCRWM. The other recipients are YMP personnel with responsibility for the subject matter of the communication.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should make changes to the draft License Application in light of NEA and IAEA standards.**
Deliberation Explanation	**The document provides the author's analyses and recommendations on the referenced topic, to assist the OCRWM's director's deliberations about the form and content of the draft LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070515.7809**
LSN Accession No.	
Doc Date	**20070323**
Title	**ATTTCKT5**
Subject Matter Description	**The document concerns BSC's support of DOE in the YM licensing proceeding.**
Author(s) Name/Org/Capacity	**Trillo, Sandra/BSC**
Recipient(s)	**Sproat, Edward F. III / DOE - OCRWM / Director** **Trubatch, Sheldon/BSC/Attorney** **Thornton, Linda /BSC/Attorney** **Feigenbaum, Ted/BSC/general manager** **Freeman, Patricia/ BSC/** **Beckman, Donald/ BSC/Beckman & Associates** **Kacich, Richard/DOE** **Cohose, Robert/BSC**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision relates to strategies that DOE could adopt for structure of the YM project to defend the LA in the licensing proceeding.**
Deliberation Explanation	**The document provides BSC's opinions and recommendations to DOE, at DOE's request, on the referenced strategies for defense of the LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not concern existing facts. It proposes future actions to address issues that could arise in the licensing proceeding and strategies to structure the YM project to respond to them.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION);** **LWP-at attorneys direction (FACT);**

	LWP-at attorneys direction (OPINION); **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070517.0429**
LSN Accession No.	**DN2002470539**
Doc Date	**20070214**
Title	**PRIVILEGED CONFDIENTIAL - Evaluation of FEPs**
Subject Matter Description	**R. Andrews is providing his information and analysis of excluded FEPs for counsel (J. Sweeney)**
Author(s) Name/Org/Capacity	**Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager**
Recipient(s)	**Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney** **Williams, Mark / DOE - OCRWM / Licensing Director** **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**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**Comments to attorneys regarding the appropriate discussion of FEPs in the SAR.** **The author is providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney;** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070517.0876**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Kacich, Richard / /** **Sproat, Edward / DOE - OCRWM / Director**
Recipient(s)	**Feigenbaum, Ted / BSC / Manager** **Tosetti, Richard / BSC /** **McKinney, Thomas / /** **Warther, Robert / DOE / LA Manager** **Williams, Mark / DOE / Licensing Director** **Bonano, Evaristo J./ BSC Repository Development - Licensing/** **Neumayr, Mary / DOE / Attorney** **Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney** **Irwin, Donald/ Hunton & Williams, LLP/ Attorney**
Author Recipient Relationship	**The author and recipients, including attorneys, work on the license application and overall licensing strategy.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Comments on draft licensing-related documents such as the Strategy Management Plan and the Licensing Strategy and Risk Registers.**
Deliberation Explanation	**The authors is providing recommendations and opinions on draft licensing-related documents such as the Strategy Management Plan and the Licensing Strategy and Risk Registers.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney;** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070520.0698**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Whether the saturated zone and biosphere modeling of the LA must include effects of recycling of accumulated radionuclides from soils to groundwater**
Deliberation Explanation	**This memorandum addresses the basis for exclusion of irrigation recycling as a considered process of the Yucca Mountain Repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20070604.2615**
LSN Accession No.	
Doc Date	**20070126**
Title	**1.25.06 Thermal Management Decision Paper**
Subject Matter Description	**The document addresses the thermal implications of waste package loading.**
Author(s) Name/Org/Capacity	**Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/**
Recipient(s)	**Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director Gonzales, Jaime / DOE/RW OCE /**
Author Recipient Relationship	**The author and recipients are DOE employees responsible for development of the project's position relative to thermal management strategy**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision relates to development of thermal management strategy to handle receipt of commercial spent nuclear fuel in TAD canisters**
Deliberation Explanation	**The author is providing a description of the pertinent issues, a strategy for developing further information, as well as a preliminary recommendation on the subject matter.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no factual section. It provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20070604.2765**
LSN Accession No.	**DN2002469673**
Doc Date	**20070416**
Title	**Fw: Cancelled vs Superceded Documents**
Subject Matter Description	**The document concerns the distinctions between canceled and superseded documents and DOE's ability to cite and rely on canceled documents.**
Author(s) Name/Org/Capacity	**Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member**
Recipient(s)	**Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member** **Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director** **Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director** **Rusinko, Barbara / /** **Sproat, Edward F. III / DOE - OCRWM / Director** **Newman, Larry / /** **Gil, April V. / DOE - OCRWM Office of Repository Development / During this time period, the Regulatory Interactions and Strategy Division reported to the Office of License Application and Strategy Regulatory Interactions and Strategy Division Director** **Williams, Mark H. / DOE /** **Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member** **Tillman, Jack / /**
Author Recipient Relationship	**The document was authored by a senior Sandia official for a decision by Ward Sproat, OCRWM director. The other recipients are various DOE and DOE contractor personnel who have responsibility for the subject matter of the communication.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what actions DOE should take to resolve the licensing issue regarding citations to canceled documents.**
Deliberation Explanation	**The document provides the author's subjective interpretation of regulatory requirements and makes recommendations about strategies and actions DOE could take to address the issue.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. It consists of opinions about regulatory issues and potential strategies.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070711.3003**
LSN Accession No.	
Doc Date	**20070506**
Title	**Note to Mark and Chris + Update Waste Form Paper**
Subject Matter Description	**The document concerns a draft position paper on the timing of waste form analyses.**
Author(s) Name/Org/Capacity	**Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist**
Recipient(s)	**Williams, Mark/DOE OCRWM/licensing director** **Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/** **Kacich, Richard/DOE** **Borella, Edward** **Hanlon, Carol/ DOE - OCRWM Office of License Application & Strategy/** **Saldarini, James / BSC /** **Murphy, Edward/** **Siefken, David L./ BSC Repository Development - Program Integration/** **Ferris, David** **Freeman, Patricia/BSC** **Thompson, Jeanne/BSC** **Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the draft document that is the subject of email.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the development of a position paper for DOE consideration on the regulatory requirements for waste form analyses to be included in the LA at filing.**
Deliberation Explanation	**The document provides the author's subjective opinions on the draft paper and the draft analysis in it, and makes recommendations on how it should be edited.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual analysis. It consists of the author's views of regulatory requirements.**
Doc Type	**EMAIL**

Other Privilege Types

Participant Accession No.	**ALA.20070711.3098**
LSN Accession No.	
Doc Date	**20070507**
Title	**Fw: Priviledged and Confidential:Draft Decision Paper on Igneous Criticality - Additional Info for discussion**
Subject Matter Description	**The document concerns and draft decision paper on whether a regulatory basis exists to screen out in-package criticality resulting from igneous events as part of the igeneous events.**
Author(s) Name/Org/Capacity	**Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager**
Recipient(s)	**Howard, Robert L./ BSC Repository Development - Conversion/ Freeman, Patricia/BSC Waldman, Jane/BSC Trubatch, Sheldon/BSC/Attorney Borella, Edward / / Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Linhart, James G. / DOE - OCRWM / Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I Sevougian, David / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) Senior Staff Nieder-Westermann, Gerald H. / BSC Repository Development - Performance Assessment / BSC Senior Science Specialist**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors, and DOE counsel, responsible for preparation of the the draft position paper.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should adopt as a licensing position whether a regulatory basis exists to screen out in-package criticality resulting from igneous events as part of the igeneous events.**
Deliberation Explanation	**The author is providing his recommendations and opinions on the proposed licensing positions in the draft decision paper, and makes recommendations for edits.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001.**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual section. It presents the author's opinions on regulatory analyses. Disclosure of its content would reveal the author's opinions as to the proposed positions under consideration and his recommendations on the topic.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070711.4008**
LSN Accession No.	
Doc Date	**20070504**
Title	**Fw: Privileged -- draft decision paper on Irrigation Recycling**
Subject Matter Description	**The document concerns a draft decision paper under development on the treatment of Irrigation Recycling in the dose calculations.**
Author(s) Name/Org/Capacity	**Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager**
Recipient(s)	**Freeman, Patricia/BSC** **Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Borella, Edward / /** **Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist** **Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director** **Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst** **Goldstein, Barry / Sandia National Laboratory (SNL)** **Kacich, Richard M. / BSC Repository Development - Licensing and Nuclear Safety / Manager**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractor, including DOE counsel, responsible for the development of the referenced draft decision paper.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what licensing position DOE should adopt on how Irrigation Recycling should be factored in dose calculations for the YM repository.**
Deliberation Explanation	**The document provides the author's subjective comments and recommendations on a draft licensing position that is being prepared for DOE's decision, and proposes edits to the document.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion. It provides the author's subjective views of regulatory requirements and draft arguments contained in the draft position paper.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070711.4715**
LSN Accession No.	
Doc Date	**20070515**
Title	**Fw: Privileged--ICRP Alignment Decision Paper**
Subject Matter Description	**The document concerns a draft position paper on the use of different versions of ICRP publications for the calculation of public and worker radiation dose for LA supporting products.**
Author(s) Name/Org/Capacity	**Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director**
Recipient(s)	**Sproat, Edward F. III / DOE - OCRWM / Director**
Author Recipient Relationship	**The author is a DOE OCRWM official who reports to the recipient, the OCRWM director.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should adopt a licensing position on the use of different versions of ICRP publications for the calculation of public and worker radiation dose for LA supporting products.**
Deliberation Explanation	**The document provides the author's recommendations to the recipient on whether he should be the official who makes the decision, and what decision he should make.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070711.6417**
LSN Accession No.	**DN2002413433**
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**
Author(s) Name/Org/Capacity	**Bailey, Jack/ BSC Repository Development - Licensing Defense/ Saldarini, James/ BSC/LA Project Manager Warther, Robert/ DOE/RW/Federal LA Project Director Gonzales, Lou/ BSC Repository Development - Design and Engineering/**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document outlines, discusses and analyzes DOE's draft LA/SAR. Thus, it is a part of DOE's ongoing process in the creation of the LA/SAR that will ultimately be filed with the NRC. It presents licensing positions that may or may not be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of the draft sections of the LA/SAR delaing with Subsurface Design and Waste Packages. Disclosing this document would allow parties to reconstruct DOE's deliberations once the ultimate LA/SAR is filed with the NRC.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document is part of DOE's decisionmaking with respect to what agency positions to take regarding the LA/SAR. Disclosure of its contents would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20070711.7273**
LSN Accession No.	**DN2002424824**
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 Wast Package sections of the LA/SAR.**
Author(s) Name/Org/Capacity	**Gonzales, Lou/ BSC Repository Development - Design and Engineering/ Bailey, Jack/ BSC Repository Development - Licensing Defense/ Saldarini, James/ BSC/LA Project Manager Warther, Robert/ DOE/RW/Federal LA Project Director**
Recipient(s)	**Suarez, Diego/ BSC Repository Development - Conversion/ Bailey, Jack/ BSC Repository Development - Licensing Defense/**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document outlines, discusses and analyzes DOE's draft LA/SAR. Thus, it is a part of DOE's ongoing process in the creation of the LA/SAR that will ultimately be filed with the NRC. It presents licensing positions that may or may not be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft sections of the LA/SAR dealing with Subsurface Design and Waste Packages. Disclosing the contents of this document would permit parties to reconstruct DOE's deliberations once the LA/SAR is ultimately filed with the NRC.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the draft LA/SAR. Disclosure of its contents would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20070711.7288**
LSN Accession No.	**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 BDCFs for the period of geologic stability.**
Author(s) Name/Org/Capacity	**Burford, Jerry / Sandia /**
Recipient(s)	**Wilson, Charles / Sandia /** **Price, Laura / Sandia /** **Goldstein, Barry / BSC Repository Development - Integration / Sandia National Laboratory (SNL) Environmental Regulatory Compliance** **Stanley, Andy / SNL /** **Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst** **Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I** **Wasiolek, Maryla A. / BSC Repository Development - Natural Systems & Near-Field Operations / BSC Science Specialist** **Raleigh, James J. / BSC Repository Development - Regulatory Coordination Group / JK Research Associates (JKRA) Principal Regulatory Analyst** **Lum, Clinton C. / BSC Repository Development - WP/Waste Form Testing / Sandia National Laboratory (SNL) Geology** **Lugo, Candace L. / BSC Repository Development - Regulatory Compliance / BSC Principal Scientist II** **Smith, Anthony / SNL /**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what regulatory interpretation of the referenced regulation DOE should adopt.**
Deliberation Explanation	**The document and the attached draft position paper presents subjective interpretation of a regulatory and proffered grounds to support the position, for the purpose of formulating a licensing position for DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document and its attachment do not contain any factual section. The document provide the author's analysis of regulatory requirements and his opinions as to the grounds that would support his interpretation. Disclosure of those grounds would reveal the author's opinions.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20070711.7292**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**The author of these comments is a DOE employee or contractor with licening-relaed responsibility for the subject addressed.**
Recipient(s)	**Smith, Anthony / SNL /** **Burford, Jerry/ LLNL/** **Goldstein, Barry/ BSC Repository Development - Integration/** **Stanley, Andy/ SNL/** **Nair, Prasad K./ BSC Repository Development - Design Interface & Integration/** **Raleigh, James J./ BSC Repository Development - Program Integration/** **Price, Laura/ SNL/** **Lugo, Candace L./ BSC Repository Development - Conversion/** **Lum, Clinton C./ BSC Repository Development - Engineered System/** **Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/** **Wilson, Charles/ SNL/** **Wasiolek, Maryla A./ BSC Repository Development - Conversion/** **Smith, Anthony/ SNL/**
Author Recipient Relationship	**The author and recipients are DOE employees or contractors with licensing-related responsibility for the subject of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns what interpretation of 10 CFR 63.312 and 63.311 DOE should adopt for the licensing proceeding.**
Deliberation Explanation	**The document provides the author's subjective opinions of the regulatory requirements and makes a proposed interpretation for DOE to adopt and the grounds the author believes support the interpretation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual section. It provides the author's subjective interpretation of regulations and supporting grounds. Disclosure of those grounds would reveal the author's opinions. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those**

	requirements.
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20070823.6214**
LSN Accession No.	
Doc Date	**20070626**
Title	**LL-TSPA Scenarios-Results for LST**
Subject Matter Description	**The document concerns proposed actions to take with respect to parameters used in the draft TSPA model.**
Author(s) Name/Org/Capacity	**Hansen, Clifford L. /Sandia** **Knowles, Kathryn / Sandia**
Recipient(s)	**Nair, Prasad K./Sandia** **Orrell, Andrew/ Sandia** **Prouty, Jeralyn L./Sandia** **Bonano, Evaristo J./Sandia** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/** **Dyer, Russel J./ DOE - OCRWM Office of Repository Development/** **Hanlon, Carol/ DOE - OCRWM Office of License Application & Strategy/** **MacKinnon, Robert /Sandia** **Sproat, Edward F. III / DOE - OCRWM / Director**
Author Recipient Relationship	**The authors are two Sandia personnel who work on the YMP and prepared the subject document at DOE's request. The document was presented to the director of OCRWM. Copies were provided to other DOE and Sandia personnel responsible for the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should approve certain further actions by Sandia regarding various parameters in the draft TSPA model.**
Deliberation Explanation	**The document provides the authors' recommendations on additional actions to take with respect to parameters in the draft TSPA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it relates to draft model parameters and recommendations on actions that could be taken regarding them.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALA.20070831.0972**
LSN Accession No.	**DN2002470329**
Doc Date	**20040623**
Title	**PATH FORWARD ON 10CFR21.DOC**
Subject Matter Description	**Application of 10 CFR 21 to NNPP contractors**
Author(s) Name/Org/Capacity	**Putzu, Frank A. / Department of the Navy - Naval Sea Systems Command /**
Recipient(s)	**Beckett, Thomas H. / Naval Reactors / Deputy Director** **Curtis, David I. / Naval Reactors /** **Davis, Charles H. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **Kauffman, Storm R. / Naval Reactors /** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Trautman, Stephen J. / Naval Reactors /** **Woodberry, Robert A. / Naval Reactors /** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Harman, Jason M. / Naval Reactors /** **Kuprenas, Michael A. / Naval Reactors /** **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 /** **Davis, Charles H. / Naval Reactors /** **Denko, Alan R.//NNPP** **Hardin, Michael G. / Naval Reactors /**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document recommends a course of action for addressing and demonstrating compliance with 10 CFR Part 21.**
Deliberation Explanation	**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.**

Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL W/ ATTACHMENT**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALA.20070905.3801**
LSN Accession No.	**DN2002469931**
Doc Date	**20060524**
Title	**PRIVILEGED: Re: NRC TPA 4.1j Seimic and Faulting Models**
Subject Matter Description	**Seismic and Faulting Models**
Author(s) Name/Org/Capacity	**Sevougian, David / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) Senior Staff Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Zwahlen, Eric / BSC Repository Development - Total System Performance Assessment / BSC Science Specialist**
Recipient(s)	**Roselle, Gregory / SNL / Lee Kearn / / Gross, Mike / SNL / Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Matthusen, August C. / BSC Repository Development - Science Integration / BSC Science Specialist Gil, April V. / DOE - OCRWM Office of Repository Development / Regulatory Interactions and Strategy Division Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Zwahlen, Eric / BSC Repository Development - Total System Performance Assessment / BSC Science Specialist Nutt, William M. / MTS - Post Closure Safety Analsis / Golder Associates Team Lead Lugo, Candace L. / BSC Repository Development - Regulatory Compliance / BSC Principal Scientist II Pendleton, Martha W. / BSC Repository Development - Regulatory Compliance / BSC Principal Engineer I Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Sevougian, David / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) Senior Staff**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project personnel, including attorneys with DOE OGC and DOE's outside counsel, who have responsibility for implementing and executing the TSPA..**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns the position DOE should take in order to address differences between the NRC TPA 4.1j seismic and faulting models and complementary TSPA sections.**
Deliberation Explanation	**This document contains recommendations on addressing differences between NRC TPA 4.1j seismic and faulting models and complementary TSPA sections.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it has no separate fact section and because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070910.0133**
LSN Accession No.	
Doc Date	**20061026**
Title	**THERMAL MANAGEMENT ACTIVITIES**
Subject Matter Description	**The subject matter is the Thermal Management Strategy to incorporate into the license application.**
Author(s) Name/Org/Capacity	**Bailey, Jack / BSC Repository Development - Licensing & Nuclear Safety/ Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the power point presentation (thermal management strategy).**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions regarding the thermal management strategy to incorporate into the license application.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070910.0234**
LSN Accession No.	**DN2002468952**
Doc Date	**20070309**
Title	**POST-LA STEPS TO INCORPORATE A CONCRETE INVERT IN THE TECHNICAL BASIS FOR POSTCLOSURE PERFORMANCE**
Subject Matter Description	**The subject matter of this report is the potential impact on postclosure performance from use of concrete for the invert in repository emplacement drifts.**
Author(s) Name/Org/Capacity	**Orrell, Andrew/ BSC Repository Development - Management Systems/** **Brady, P. / /** **Hardin, Ernest / BSC Repository Development - Postclosure Activities / BSC Project Manager**
Recipient(s)	
Author Recipient Relationship	**The authors are project personnel supporting the YMP and have responsibility for developing licensing positions relating to postclosure performance.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information includes analysis supporting the recommendation to change to concrete for the invert in repository emplacement drifts.**
Deliberation Explanation	**The decision for deliberation involves whether to change to concrete for the inverts in repository emplacement drifts and whether to make this change after LA submittal.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20070910.0317**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Various YMP Personnel** **Harbert, Kevin**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document identifies potential vulnerabilities and risks in positions taken by DOE in the licensing proceeding. The document further contains the authors' recommendations as to decisions to be made by DOE with regard to mitigation strategy and possible contentions in licensing proceedings.**
Deliberation Explanation	**The document contains deliberations among and recommendations made by various DOE personnel regarding positions to be taken by DOE in licensing proceedings as well strategy decisions regarding potential risks inherent in same.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA** **PACKAGE**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070912.1064**
LSN Accession No.	**DN2002469222**
Doc Date	**20061201**
Title	**INTEC PIECE/PARTS TELECOM**
Subject Matter Description	**INTEC PIECE/PARTS TELECOM concerning options for waste form packaging for PPF.**
Author(s) Name/Org/Capacity	**Angerhofer, Todd E. / Naval Reactors /**
Recipient(s)	**McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Dei, Donald E. / Naval Reactors /** **Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /** **Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head** **Kuprenas, Michael A. / Naval Reactors /** **Dixon, Wendy R./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/** **Angerhofer, Todd E. / Naval Reactors /**
Author Recipient Relationship	**The author and recipients are NNPP and NNPP contractor personnel who have responsibility for implementing the decision as to which the author has provided his recommendations and advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the decision that must be made on waste form packaging for PFF and presents various options for consideration by NNPP and DOE.**
Deliberation Explanation	**The document provides the author's comments and recommendations on the position that should be taken with respect to waste form packaging for PPF.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain a separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070912.1066**
LSN Accession No.	**DN2002470302**
Doc Date	**20061201**
Title	**INTEC PIECE/PARTS TELECOM**
Subject Matter Description	**The subject matter of the email discussion is comments on a white paper and the licensing alternatives for various waste forms.**
Author(s) Name/Org/Capacity	**Angerhofer, Todd E. / Naval Reactors /** **Dixon, Wendy R. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Assistant Manager** **Kuprenas, Michael A. / Naval Reactors /**
Recipient(s)	**Kuprenas, Michael A. / Naval Reactors /** **Dixon, Wendy R./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Dei, Donald E. / Naval Reactors /** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /** **Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head**
Author Recipient Relationship	**The email authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft white paper that is the subject of the comments and discussion.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision is the treatment of Intec waste forms in the licensing proceeding.**
Deliberation Explanation	**The email chain discusses and challenges assumptions contained in the white paper and evaluates the proposed alternatives.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no factual section and reflects assumptions and challenges to those assumptions as well as the respective authors' evaluation of the proposed alternatives.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070912.1084**
LSN Accession No.	**DN2002469334**
Doc Date	**20060908**
Title	**COMMENTS ON SPROAT KEY ISSUES**
Subject Matter Description	**Naval concerns regarding the Yucca Mountain Project's decisions regarding key issues such as evaluation of waste package thermal loads, alternative regulatory approaches, and design freeze dates.**
Author(s) Name/Org/Capacity	**Follin, James N. / Bettis - Environmental, Safety, and Health / Manager**
Recipient(s)	**Holden, Gregory F. / Naval Reactors /** **Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis**
Author Recipient Relationship	**The author and recipients are naval personnel and naval contractors responsible for making recommendations regarding key issues in Yucca Mountain licensing position that is being prepared for DOE's decision.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Naval concerns regarding the Yucca Mountain Project's decisions as to key issues such as evaluation of waste package thermal loads, alternative regulatory approaches, and design freeze dates.**
Deliberation Explanation	**Document reflects concerns and recommendations of naval contractor as to key issues such as evaluation of waste package thermal loads, alternative regulatory approaches, and design freeze dates.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070912.1114**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Bettis / NNPP contractor**
Recipient(s)	**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 J. / 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision relates to use of probabilistic techniques for preclosure criticality evaluations as well as the resulting structure of SAR section 1.14.**
Deliberation Explanation	**The document describes and discusses the issue and makes a recommendation for decision based upon the evaluation set forth in the document.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important. There is no factual section, although there is a general background section. That section, however, recounts past deliberations on the topic and the authors' assessment of those deliberations.**
Doc Type	**REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070912.1139**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager**
Recipient(s)	**Follin, James N. / Bettis - Environmental, Safety, and Health / Manager** **Twarowska, Stasia D. / Bettis - Environmental, Safety, and Health /** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Holden, Gregory F. / Naval Reactors /**
Author Recipient Relationship	**The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document reflects Naval Reactors comments and recommendations to DOE on its preliminary Yucca Mountain Licensing Strategy.**
Deliberation Explanation	**This document is deliberative because Naval Reactors is providing to DOE its analysis, comments and changes on DOE's preliminary Yucca Mountain Licensing Strategy. Releasing this information would reveal DOE's strategy in the licensing proceeding and, thus, reveal DOE's internal deliberations on this subject.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed licensing strategy. Disclosure of it would reveal potential positions that DOE had under consideration.**
Doc Type	**FORM** **LIST** **REPORT**

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

Participant Accession No.	**ALA.20070912.1143**
LSN Accession No.	**DN2002470473**
Doc Date	**20061116**
Title	**PRECLOSURE SEISMIC ANALYSIS**
Subject Matter Description	**PRECLOSURE SEISMIC ANALYSIS**
Author(s) Name/Org/Capacity	**Wade, David R. / REO/SCA / Manager**
Recipient(s)	**Nanko, Laura J. / Bettis - Pittsburgh Naval Reactors /** **Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head** **Holden, Gregory F. / Naval Reactors /** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis** **Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager** **Follin, James N. / Bettis - Environmental, Safety, and Health / Manager** **Dei, Donald E. / Naval Reactors /** **Angerhofer, Todd E. / Naval Reactors /** **Hill, Myroslav J. / /** **McElhaney, Michael W. / /**
Author Recipient Relationship	**The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken relative to preclosure seismic analysis.**
Deliberation Explanation	**In this document and its attachment, the author is providing a recommendation for the purpose of initiating discussion on the direction for the preclosure seismic analysis.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**In this document and its attachment is the author's opinions and bases for those opinions and recommendations. There is no factual section, and disclosure of the contents of this document and its attachment would reveal the author's thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**E-MAIL W/ ATTACHMENT**
Other Privilege Types	

Participant Accession No.	**ALA.20070912.1144**
LSN Accession No.	**DN2002469282**
Doc Date	**20061115**
Title	**TALKING POINTS FOR PRECLOSURE SEISMIC OPTIONS 11/15/06**
Subject Matter Description	**PRECLOSURE SEISMIC ANALYSIS OPTIONS**
Author(s) Name/Org/Capacity	**Wade, David R. / REO/SCA / Manager**
Recipient(s)	**Angerhofer, Todd E. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **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** **Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis** **Holden, Gregory F. / Naval Reactors /** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis** **Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head** **Nanko, Laura J. / Bettis - Pittsburgh Naval Reactors /** **Hill, Myroslav J. / /** **McElhaney, Michael W. / /**
Author Recipient Relationship	**The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken relative to preclosure seismic analysis.**
Deliberation Explanation	**In this document and its cover memo, the author is providing a recommendation for the purpose of initiating discussion on the direction for the preclosure seismic analysis.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**In this document and its cover memo is the author's opinions and bases for those opinions and recommendations. There is no factual section, and disclosure of the contents of this document and its attachment would reveal the author's thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**LIST**
Other Privilege Types	

Participant Accession No.	**ALA.20070912.1165**
LSN Accession No.	**DN2002470557**
Doc Date	**20070327**
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.**
Author(s) Name/Org/Capacity	**Angerhofer, Todd E. / Naval Reactors /**
Recipient(s)	**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. / / Atherton, Stephen R. / /**
Author Recipient Relationship	**The author and recipients are NNPP personnel supporting the YMP with responsibility for helping to develop licensing strategy and positions.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**DP decision information includes analyses regarding draft licensing positions regarding waste packages on faults in the repository.**
Deliberation Explanation	**The analyses provided in the email helps frame the analysis for a decision regarding the appropriate licensing position for waste paste packages located on faults in the repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALA.20070912.1203**
LSN Accession No.	**DN2002469866**
Doc Date	**20070209**
Title	**SUMMARY OF THE ISSUES DISCUSSED AMONG NAVAL NUCLEAR PROPULSION PROGRAM (NNPP)**
Subject Matter Description	**This letter from J. M. McKenzie, Director of Regulatory Affairs for Naval Reactors, to Ward Sproat, OCRWM Director, summarizes a number of issues that NR discussed with OCRWM, Sandia and BSC regarding spent naval nuclear fuel and the high-level waste proceeding.**
Author(s) Name/Org/Capacity	**McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs**
Recipient(s)	**Sproat, Edward F. III / DOE - OCRWM / Director Holden, Gregory F. / Naval Reactors / Golan, P. M. / DOE/RW / Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Dyer, J. Russell / DOE - OCRWM Office of Repository Development / Acting Deputy Director Williams, Mark H. / DOE / Warther, R. / / Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director Powers, K. W. / / Hunemuller, N. K. / / Feigenbaum, T. / / Kacich, R. / / Tosetti, R. J. / / Clark, R. J. / / Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member Knowles, M. Kathryn / BSC Repository Development / Sandia National Laboratory (SNL) Integration/Near Field Environmental Transport Team/Special Projects Lead Rechard, Robert P. / Sandia National Lab / Sandia National Laboratory (SNL) Risk Analysis Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager**
Author Recipient Relationship	**The author is Director of Regulatory Affairs for Naval Reactors. The recipients are DOE officials, including the Director of OCRWM, Naval Reactor personnel, lead lab personnel and DOE M&O personnel.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Director McKenzie discusses issues relate to, among other things, burnup credit strategy, abstraction analyses, and human intrusion scenario. In addition to discussing these issues, the Director offers proposed recommendations and NR's views on how the Project should respond to these issues.**
Deliberation Explanation	**This document contains NR's opinion and recommendations on how to respond to certain issues discussed at a meeting involving Ward Sproat, BSC, Sandia and NR. NR's proposals do not reflect the path or course of action that DOE took on these particular issues. The issues include, among other issues, preliminary reports involving seismic audits, borated stainless steel, and thermal analyses for transportation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**

Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**ALA.20070912.1222**
LSN Accession No.	**DN2002470019**
Doc Date	**20070510**
Title	**HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS**
Subject Matter Description	**The document concerns options on HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS for purposes of the license proceeding.**
Author(s) Name/Org/Capacity	**Angerhofer, Todd E. / Naval Reactors /**
Recipient(s)	**Dei, Donald E. / Naval Reactors /** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Funk, Richard H. / /** **Benson, Carl J. / Bettis - Environmental, Safety, and Health /** **Sperduto, Laura A. / /** **Rath, Dean J. / Bettis - MDP /** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis** **Holden, Gregory F. / Naval Reactors /** **Roberts, Thomas E. / /** **Follin, James N. / Bettis - Environmental, Safety, and Health / Manager** **Angerhofer, Todd E. / Naval Reactors /**
Author Recipient Relationship	**The author is an NNPP officials, and the recipients are NNPP personnel and NNPP contractors who have responsibility for the referenced subject matter.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what options DOE should adopt for the treatment of NNPP LWBR in the post-closure source term calculations.**
Deliberation Explanation	**The document provides the author's subjective opinions on the possible options and recommends the author's preferred option, and the advantages the author perceives to that option.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides the author's subjective views about two options and states subjective advantages of a recommended option, but there is no factual content that would not disclose the options and the author's thought processes about those options.**
Doc Type	**E-MAIL W/ ATTACHMENT**
Other Privilege Types	

Participant Accession No.	**ALA.20070912.1225**
LSN Accession No.	**DN2002469809**
Doc Date	**20070510**
Title	**HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS**
Subject Matter Description	**HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS**
Author(s) Name/Org/Capacity	**Follin, James N. / Bettis - Environmental, Safety, and Health / Manager** **Angerhofer, Todd E. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /**
Recipient(s)	**Angerhofer, Todd E. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Funk, Richard H. / /** **Benson, Carl J. / Bettis - Environmental, Safety, and Health /** **Sperduto, Laura A. / /** **Rath, Dean J. / Bettis - MDP /** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis** **Holden, Gregory F. / Naval Reactors /** **Roberts, Thomas E. / /**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project, NNPP, and DOE contractor personnel who have responsibility for the licensing position as to which the authors have provided their recommendations and opinions..**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document addresses the decision to be made on the manner in which LWBR will be handled in postclosure source term calculations.**
Deliberation Explanation	**This document provides the authors' recommendations and opinions concerning how to handle LWBR in the postclosure source term calculations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain a separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**

Other Privilege Types	

Participant Accession No.	**ALA.20070912.1229**
LSN Accession No.	**DN2002470983**
Doc Date	**20070511**
Title	**HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS**
Subject Matter Description	**Email correspondence among NNNP, YMP, and contractor personnel with responsibility for making decision regarding how to handle LWBR in the postclosure source term calculations.**
Author(s) Name/Org/Capacity	**Angerhofer, Todd E. / Naval Reactors /** **Holden, Gregory F. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **Follin, James N. / Bettis - Environmental, Safety, and Health / Manager**
Recipient(s)	**Angerhofer, Todd E. / Naval Reactors /** **Holden, Gregory F. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Roberts, Thomas E. / /** **Funk, Richard H. / /** **Benson, Carl J. / Bettis - Environmental, Safety, and Health /** **Sperduto, Laura A. / /** **Rath, Dean J. / Bettis - MDP /** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis** **Follin, James N. / Bettis - Environmental, Safety, and Health / Manager**
Author Recipient Relationship	**The recipients are Yucca Mountain Project and NNPP personnel as well as Yucca Mountain contractors who have responsibility for the subject matter of the referenced decision.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Involves the position that will be taken in the LA regarding how to handle LWBR in the postclosure source term calculations.**
Deliberation Explanation	**The document provides comments and recommendations on the position that will be taken in the LA regarding how to handle LWBR in the postclosure source term calculations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070914.0105**
LSN Accession No.	**DN2002469494**
Doc Date	**20070215**
Title	**CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM (CRWMS) MASTER RISK REGISTER**
Subject Matter Description	**This matrix identifies licensing risks.**
Author(s) Name/Org/Capacity	**Various Project Personnel** **Harbert, Kevin / /**
Recipient(s)	**OCRWM Licensing Management**
Author Recipient Relationship	**The authors and recipients are project personnel supporting the YMP with licensing responsibility.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information includes identification of licensing risks, analysis of those risks, and identifying possible responses to those risks.**
Deliberation Explanation	**The information provided in this document provides the context for evaluating licensing risks and evaluating responses to those risks.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **PACKAGE**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070914.0415**
LSN Accession No.	
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**
Author(s) Name/Org/Capacity	**Eslinger, Paul W. //**
Recipient(s)	**Llicensing Defensibility Team**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft AMR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Actions to be taken to mitigate any licensing risk associated with potential vulnerabilities in the content or form of the subject AMR.**
Deliberation Explanation	**The team is providing analysis of and recommendations and opinions on the identified potential vulnerabilities associated with the subject AMR form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no factual section. Its content is wholly evaluative.**
Doc Type	**DATA** **PACKAGE**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070914.0616**
LSN Accession No.	
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**
Author(s) Name/Org/Capacity	**Nichols, William E. / /**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are identifying potential vulnerabilities of the subject LA section and providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section in light of those potential vulnerabilities.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The chart contains no factual background section. Rather its contents reflect the analysis and evaluation of the responsible team.**
Doc Type	**PACKAGE** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070918.0286**
LSN Accession No.	**DN2002469635**
Doc Date	**20060328**
Title	**COMMENT SHEET ENCLOSURE 1 CONCEPTUAL DESIGN REPORT, APPENDIX A - INITIAL HANDLING FACILITY ALTERNATIVE ENCLOSURE 2 SUMMARY ANALYSIS OF TOTAL PROJECT COST AND SCHEDULE IMPACT, APPENDIX - SUPPLEMENTAL FUNDING ANALYSIS**
Subject Matter Description	**These comments from the Navy to DOE address the Initial Handling Facility Alternative and related issues.**
Author(s) Name/Org/Capacity	**Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager**
Recipient(s)	**Follin, James N. / Bettis - Environmental, Safety, and Health / Manager** **Van Brunt, Ethan O. / Naval Reactors /** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis**
Author Recipient Relationship	**The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information includes comments from Navy to the DOE to assist in formulating a licensing position regarding the Initial Handling Facility.**
Deliberation Explanation	**The deliberation has to do with formulating a licensing position regarding the Initial Handling Facility.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**FORM** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20070918.0307**
LSN Accession No.	**DN2002470215**
Doc Date	**20060420**
Title	**URGENT ---HEADS UP---NEED REACTION TO SEE IF NEED FRIDAY MEETING**
Subject Matter Description	**Email exchange among Robert Gisch, Barry Miles, John McKenzie, and Dave Franklin among others, analyzing the effect of naval fuel on the proposed initial handling facility.**
Author(s) Name/Org/Capacity	**Franklin, David / Naval Nuclear Propulsion Program /** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager**
Recipient(s)	**Franklin, David / Naval Nuclear Propulsion Program /** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Dei, Donald E. / Naval Reactors /** **Angerhofer, Todd E. / Naval Reactors /** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Woodberry, Robert A. / Naval Reactors /** **Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head**
Author Recipient Relationship	**The authors and recipients are Naval Reactors personnel with responsibility for the subject addressed: interface between NRR SNF and the initial handling facility at the Yucca repository.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This email exchange contains the personal opinions and analyses of David Franklin and Robert Gisch concerning DOE's initial handling facility and the effects of NR's waste on this proposed facility. The discussion indicates that Messrs. Franklin and Gisch are planning to provide their recommendations to DOE, and that DOE has not yet made a decision on the design of this facility.**
Deliberation Explanation	**Messrs. Gisch and Franklin express their views on DOE's preliminary design for the initial waste handling facility, and what recommendations and comments NR should provide to DOE on this facility.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070918.0423**
LSN Accession No.	**DN2002468909**
Doc Date	**20041018**
Title	**ITWI**
Subject Matter Description	**The subject matter is the approach to Important to Waste Isolation classifications of waste package internals.**
Author(s) Name/Org/Capacity	**Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Harman, Jason M. / Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager**
Recipient(s)	**Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Harman, Jason M. / Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Daniels, Robert / Bettis Atomic Power Laboratory /**
Author Recipient Relationship	**The authors and recipients in the email chain are Naval Reactor personnel who have responsibility for assisting the Yuccan Mountain Project in identifying waste package internals that are important to waste isolation.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision is what to claim as important to waste isolation in the LA.**
Deliberation Explanation	**The email discusses the ramifications of the alternatives.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is no factual section of the email chain. It simply evaluates the ramifications of the identified approaches.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070918.0469**
LSN Accession No.	**DN2002470791**
Doc Date	**20061130**
Title	**INTEC PIECE/PARTS TELECOM**
Subject Matter Description	**INTEC PIECE/PARTS TELECOM**
Author(s) Name/Org/Capacity	**Dixon, Wendy R. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Assistant Manager Angerhofer, Todd E. / Naval Reactors /**
Recipient(s)	**Angerhofer, Todd E. / Naval Reactors / McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Dei, Donald E. / Naval Reactors / Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command / Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head Kuprenas, Michael A. / Naval Reactors / Dixon, Wendy R. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Assistant Manager**
Author Recipient Relationship	**The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Performance of LA analyses and Design/Provision of parts to a repository. The document discusses a number of options presented in a white paper for a DOE decision on waste forms.**
Deliberation Explanation	**Provide comments and analysis of options as background information for decision regarding waste forms. The comments and analysis reflect the author's personal opinions and recommendations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070918.0481**
LSN Accession No.	**DN2002469018**
Doc Date	**20070423**
Title	**NNPP REVIEW OF DECISION PAPER FOR LA ISSUE --IN PACKAGE CRITICALITY ANALYSIS FOR AN IGNEOUS INTRUSION EVENT PREPARED BY ROB HOWARD (SNL)-4/23/2007**
Subject Matter Description	**NNPP REVIEW OF DECISION PAPER FOR LA ISSUE --IN PACKAGE CRITICALITY ANALYSIS FOR AN IGNEOUS INTRUSION EVENT PREPARED BY ROB HOWARD (SNL)-4/23/2007**
Author(s) Name/Org/Capacity	**Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager** **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 /** **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 /** **Huyett, John D. / Bettis Atomic Power Laboratory /** **Lawson, Donald L. / Bettis Atomic Power Laboratory /** **Lehn, Alan C. / /** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Willis, Clarence R. / Bettis - Nuclear Engineering / Manager**
Recipient(s)	**Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager** **Ward, John S, III/NNPP**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project, NNPP, and NNPP contractor personnel who have responsibility for subject areas covered in the draft document that is the subject of their comments.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document on which this document contains comments sets forth recommended draft licensing positions for consideration and adoption by DOE.**
Deliberation Explanation	**The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALA.20070918.0492**
LSN Accession No.	**DN2002470072**
Doc Date	**20070303**
Title	**FINALIZING CLAD-CREDIT POSITION**
Subject Matter Description	**Email communication among YMP personnel discussing need to finalize position taken in the LA regarding the clad-credit and the impact of transportation on fuel performance as well as ramifications thereof.**
Author(s) Name/Org/Capacity	**Franklin, David G. III / Naval Reactors / Manager, Yucca Mountain Resident Office**
Recipient(s)	**Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager** **Clark, Steven / BSC/BSC /** **Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director** **Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist** **Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer** **Howard, Cliff / /** **Knowles, Kathryn / BSC Repository Development / Sandia National Laboratory (SNL) Integration/Near Field Environmental Transport Team/Special Projects Lead** **Salgado, Lorenzo / /** **Angerhofer, Todd E. / Department of the Navy - Naval Sea Systems Command /** **Dei, Donald E. / Department of the Navy - Naval Sea Systems Command /** **Follin, James N. / Bettis Atomic Power Laboratory - 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** **Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /**
Author Recipient Relationship	**The author and recipients are DOE OCRWM personnel and other Yucca Mountain Project personnel who have responsibility for making the decision contemplated in the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document states the need to finalize the position that will be taken in the LA regarding the clad-credit and transportation impact on fuel performance.**
Deliberation Explanation	**Deliberation of whether data and analyses show that there is no expected transportation-induced degradation and different implications of such data on position to be taken in LA.**

Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070918.0513**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Dei, Donald E. / Naval Reactors /** **Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager** **Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director** **Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer**
Recipient(s)	**Dei, Donald E. / Naval Reactors /** **Holden, Gregory F. / Naval Reactors /** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Follin, James N. / Bettis - Environmental, Safety, and Health / Manager** **Ward, John / /** **Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /** **Angerhofer, Todd E. / Naval Reactors /** **Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director** **Carey, Andy M. / Knolls Atomic Power Laboratory / Manager** **Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis** **Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis** **Andes, John A. / Bettis - Pittsburgh Naval Reactors /** **Nanko, Laura J. / Bettis - Pittsburgh Naval Reactors /** **Willis, Clarence R. / Bettis - Nuclear Engineering / Manager** **Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer** **Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director** **Williams, Mark H. / DOE /** **Feigenbaum, Ted / /** **Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member** **Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member** **Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager** **Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer** **Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member**
Author Recipient Relationship	**NR personnel R. Gisch is providing information to his supervisor about the NR's proposed path forward on this issue.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This email concerns the decision DOE will make regarding composition ranges for Alloy 22 that DOE will advocate in the license application and in the licensing proceeding.**
Deliberation Explanation	**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. The recommendation that NR will make to DOE does not reflect the DOE's decision pertaining to this issue. Moreover, the give and take reflected in this email concerns ongoing deliberations within NR on its position about this issue.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20070918.0599**
LSN Accession No.	**DN2002470363**
Doc Date	**20040916**
Title	**10 CRF 21 EXECUTION LETTER**
Subject Matter Description	**The topic is Naval Reactor group compliance with 10 CFR 21 in providing quality information on vendors.**
Author(s) Name/Org/Capacity	**Harman, Jason M. / Naval Reactors /** **Curtis, David I. / Naval Reactors /**
Recipient(s)	**Harman, Jason M. / Naval Reactors /** **Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /** **Curtis, David I. / Naval Reactors /** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head** **Angerhofer, Todd E. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **Snider, Eric S. / Naval Reactors /**
Author Recipient Relationship	**The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision relates to how Naval Reactors will comply with 10 CFR 21 in providing quality information on vendors.**
Deliberation Explanation	**The email sets forth the author's understanding regarding the proposed execution letter, which documents the proposed plan for compliance with 10 CFR 21. It also identifies the author's questions and comments regarding the proposed plan for compliance.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency positions to adopt on those requirements.**
Doc Type	**E-MAIL**
Other Privilege Types	

Participant Accession No.	**ALA.20070921.0192**
LSN Accession No.	**DN2002468968**
Doc Date	**20070423**
Title	**NNPP REVIEW OF DECISION PAPER FOR LA ISSUE--IN PACKAGE CRITICALITY ANALYSIS FOR AN IGNEOUS INTRUSION EVENT PREPARED BY ROB HOWARD(SNL) - 04/23/2007**
Subject Matter Description	**The document concerns a draft licensing position paper that was being developed for DOE consideration on the treatment in the LA of potential criticality events following an igneous intrusion events.**
Author(s) Name/Org/Capacity	**Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager**
Recipient(s)	**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** **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 /** **Huyett, John D.//** **Lawson, Donald L. / Bettis - Mechanical, Electrical, and Reactor Activities /** **Lehm, Alan C.//** **McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs** **Ward, John S.//** **Willis, Clarence R. / Bettis - Nuclear Engineering / Manager**
Author Recipient Relationship	**The author is a DOE MTO contractor personnel for the YMP. The recipients are NNPP and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether the LA Strategy Team should adopt a decision-making process to analyze and potentially change the approach to the treatment of potential criticality events following an igneous intrusion event.**
Deliberation Explanation	**The document identifies four options on the topic and provides the author's subjective comments and recommendations regarding them.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. Any information in the document is embedded in the discussion of options and recommendations, and would reveal the content of those options and the author's views about them. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**DATA**

	REPORT
Other Privilege Types	

Participant Accession No.	**ALB.20040612.0558**
LSN Accession No.	**DN2002337420**
Doc Date	**20020516**
Title	**CRITERIA FOR EVALUATION**
Subject Matter Description	**Identification of criteria to evaluate the impact of drip shield and waste package design on YMP performance and licenseability.**
Author(s) Name/Org/Capacity	**Linden, Christine L./ BSC Repository Development - Analysis and Component Design/**
Recipient(s)	**Parik, Sharad (Steve) R. / Bechtel /**
Author Recipient Relationship	**The author and recipient are two DOE MTO contractor personnel for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision relates to what criteria DOE should adopt to assess the ultimate impact of a potential design for the drip shield and waste package on the Yucca Mountain project, including the licensing of the project.**
Deliberation Explanation	**The document provides the author's recommendations on the reference topic, to assist the MTO contractor in developing recommendation to DOE for DOE's request to assist DOE's decisionmaking on the topic**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040612.7419**
LSN Accession No.	**DN2002331934**
Doc Date	**20020730**
Title	**L. Trautner Briefing 07-30-02 Rev A**
Subject Matter Description	**The presentation addresses potential component design, waste package and drip shield reevaluations, and value engineering study update**
Author(s) Name/Org/Capacity	**Brown, Neil R. / BSC Repository Development - Metallurgical Engineers / BSC Senior Engineering Specialist** **Linden, Christine L. / BSC Repository Development - Tunneling Engineers / BSC Senior Engineer**
Recipient(s)	**Brown, Neil R. / BSC Repository Development - Metallurgical Engineers / BSC Senior Engineering Specialist** **Trautner, Larry J./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The authors and recipients are DOE MTO contractor personnel for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision relates what design of waste package and drip shield DOE should adopt for the YM repository and whether current designs should be reevaluated.**
Deliberation Explanation	**The documents identifies the methodology of the study, sets forth sensitivities relative to the LA, sets forth evaluation criteria, presented alternative drip shield and waste package concepts, and applied the criteria to those alternatives. The document provides the author's recommendation on the reference topic, to assist the MTO contractor in developing recommendations to DOE for DOE's request to assist DOE's decisionmaking on the topic**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is minimal factual information referenced in this presentation. To the extent it is included, it is by comparison to alternatives and intermixed into evaluation of those alternatives to the criteria set forth. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **MEETING AID**
Other Privilege Types	

Participant Accession No.	**ALB.20040615.4907**
LSN Accession No.	**DN2002332151**
Doc Date	**20000125**
Title	**BB Draft PORB Position Paper 1_23_00**
Subject Matter Description	**The document concerns recommendations to fund alternative testing associated with the UZ Transport Test at Busted Butte.**
Author(s) Name/Org/Capacity	**Patterson, Russell / Office of Project Execution /**
Recipient(s)	**Peters, Mark / DOE - CRWMS /** **Lentz, Hugh / DOE - CRWMS /** **Hastings, Cheryl / DOE - CRWMS /**
Author Recipient Relationship	**The authors and recipients are YMP project personnel who worked on the referenced position paper.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should perform alternative testing in connection with the UZ Transport Test at Busted Butte and if so, what testing.**
Deliberation Explanation	**The document provides the authors' opinions on potential alternatives, including their schedule and costs, and their recommendation to DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document sets forth the options available to DOE in the author's opinion and their recommendation. None of that is a discussion of factual information. There is a brief statement of considerations that identifies the tests performed to date with schedule information, but that discussion does not contain any description of results that qualifies as non-supporting information.**
Doc Type	**EMAIL-ATT** **FORM** **LIST** **PROCUREMENT**
Other Privilege Types	

Participant Accession No.	**ALB.20040617.0727**
LSN Accession No.	**DN2002331344**
Doc Date	**19970130**
Title	**Re: PISA Chap 7 Outline Review**
Subject Matter Description	**This email discusses the subject of retrievability in Chapter 7 of the PISA.**
Author(s) Name/Org/Capacity	**Weaver, Jeff D. / BSC Repository Development - Conversion / BSC Senior Engineer**
Recipient(s)	**Miller, Loren / /** **Gehner, Phil / /** **Ashe, Kenneth L. / DOE - OCRWM Office of Licensing & Regulatory Compliance / Licensing Manager Duke, COGEMA, Stone & Webster (Charlotte NC) TRW** **Smith, Anthony / SNL /**
Author Recipient Relationship	**The recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of the author's recommendations and opinions.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This documents concern the position that should be taken in the then-current version of the PISA on certain aspects of retrievability.**
Deliberation Explanation	**This document provides the authors's recommendations and opinions concerning the position that should be taken in the draft PISA on retrievability. Disclosing this document would reveal the author's subjective opinions on the positions that should be taken in this document, and reveal the give-and-take within the DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because there is no separate factual section and any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.** **The document posits various issues and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALB.20040618.6044**
LSN Accession No.	**DN2002334432**
Doc Date	**20040606**
Title	**S2-1-2-8text(A)**
Subject Matter Description	**The document is an early working draft of section 2.1.2 of the draft LA, which concerns the description of the capability of identified barriers.**
Author(s) Name/Org/Capacity	**Saulnier, George/BSC**
Recipient(s)	**Dobson, David / BSC Repository Development /** **Swift, Peter N. / BSC Repository Development /** **Meacham, Paul / BSC Repository Development /** **Howard, Robert L. / BSC Repository Development /** **Blink, James / BSC Repository Development /** **Monib, Ahmed M. / BSC Repository Development /** **Goldstein, Barry / BSC Repository Development /** **Rickertsen, Larry D./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor perosnnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040618.9576**
LSN Accession No.	**DN2002336642**
Doc Date	**20031224**
Title	**D&E_121_review**
Subject Matter Description	**Section 1.2.1 Surface Operations Overview (Yucca Mountain Repository Safety Analysis Report; Chapter 1: Repository Safety Before Permanent Closure)**
Author(s) Name/Org/Capacity	**Frankert, Thomas / BSC /** **Caulfield, Frank / BSC /** **Kahler, Norm / BSC /**
Recipient(s)	**Schwartztrauber, Keith E. / BSC Repository Development - Engineering Production / BSC Project Engineer**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.0695**
LSN Accession No.	**DN2002334839**
Doc Date	**20040402**
Title	**lr_sar_135 (reformatted)**
Subject Matter Description	**The document is a draft of section 1.3.5 of the draft LA.**
Author(s) Name/Org/Capacity	**Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Recipient(s)	**McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member Gordon, Francine / BSC / Dokuzoguz, Halit / BSC / Graf, Tammy / BSC /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.0697**
LSN Accession No.	**DN2002332199**
Doc Date	**20040402**
Title	**lr_sar_135_tables (reformatted)**
Subject Matter Description	**The document is a draft of the tables that are part of section 1.3.5 of the draft LA.**
Author(s) Name/Org/Capacity	**Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Recipient(s)	**McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member Dokuzoguz, Halit / / Graf, Tammy / / Gordon, Francine / /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT LIST**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.1783**
LSN Accession No.	**DN2002336893**
Doc Date	**20040227**
Title	**1.5.3.3 WPC review**
Subject Matter Description	**1.5.3.3 DHLW & DOE Spent Nuclear Fuel Waste Packages**
Author(s) Name/Org/Capacity	**Linden, Christine L./ BSC Repository Development - Analysis and Component Design/ McDonnell, Thomas/ DOE-OCRWM /**
Recipient(s)	**Meszaros, Christine / BSC / Chagnon, Carl W./ BSC Repository Development - Analysis and Component Design/ Anderson, Michael J./ BSC Repository Development - Analysis and Component Design/ Cogar, Jerry/BSC Repository Development**
Author Recipient Relationship	**The authors and recipients are BSC personnel with YMP responsibility who have responsibility for the draft document as to which the authors have provided comments.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document addresses the positions that should be taken by DOE in the SAR section respecting waste packages.**
Deliberation Explanation	**The documents contains the authors' recommendation on the positions that should be taken in the draft SAR section and the form the section should take.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.4387**
LSN Accession No.	**DN2002333562**
Doc Date	**20040204**
Title	**D&E_1232_B_review**
Subject Matter Description	**D&E_1232_B_review, Yucca Mountain Repository Safety Analysis Report, Preliminary Draft, Chapter 1: Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**McDonnell, Thomas / /**
Recipient(s)	**Dokuzoguz, Halit / BSC / Honaker, Raymond / BSC / Meszaros, Christine / BSC / Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.4571**
LSN Accession No.	**DN2002330616**
Doc Date	**20040227**
Title	**1.5.3.3 WPC review**
Subject Matter Description	**1.5.3.3 DHLW & DOE Spent Nuclear Fuel Waste Packages**
Author(s) Name/Org/Capacity	**Linden, Christine L./ BSC Repository Development - Analysis and Component Design/**
Recipient(s)	**Meszaros, Christine / BSC /** **McDonnell, Thomas / BSC /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.5497**
LSN Accession No.	**DN2002335693**
Doc Date	**20040123**
Title	**04_0115 D&E_1451_A011404 Air**
Subject Matter Description	**The document concerns section 1.4.5 of the draft LA, which concerns the proposed plant services to be at the YM repository.**
Author(s) Name/Org/Capacity	**Blois, Michael D./ BSC Repository Development - Conversion/**
Recipient(s)	**McDonnell, Thomas /BSC** **Minwalla, Homi J./ 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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the proposed plant services DOE should adopt to have at the YM repository.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.6148**
LSN Accession No.	**DN2002337519**
Doc Date	**20040227**
Title	**sar_2.2 text DrftA_BHastings**
Subject Matter Description	**The subject matter of the document is draft SAR section 2.2 on Scenario Analysis and Event Probability.**
Author(s) Name/Org/Capacity	**Hastings, Bruce/ BSC Repository Development - Integration/**
Recipient(s)	**Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Pendleton, Martha W. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft SAR section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.6220**
LSN Accession No.	**DN2002335323**
Doc Date	**20040223**
Title	**1.2.3.2B-DE Consol**
Subject Matter Description	**The document concerns section 1.2.3.2 of the draft LA, which addresses the proposed cask and waste package receipt building for the YM repository.**
Author(s) Name/Org/Capacity	**McDonnell, Thomas / BSC**
Recipient(s)	**Kumar, Paul A. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist** **Meszaros, Christine / BSC** **Dokuzoguz, Halit / BSC** **Honaker, Raymond / BSC**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content, to be prepared for DOE's consideration.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section, with regard to what type of cast and waste package receipt building should be at the YM repository and how it should be described in the LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft to the final version of the LA would reveal DOE deliberations on the referenced subject matter. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.7251**
LSN Accession No.	**DN2002332926**
Doc Date	**20040323**
Title	**Comments on LAIG Papers**
Subject Matter Description	**This email concerns the positions that DOE should take on radiological protection program to ensure compliance with NRC regulations**
Author(s) Name/Org/Capacity	**Knapp, Kathryn / MTS - Regulatory / Booze Allen Hamilton (BAH) Senior Environmental Engineer/Scientist**
Recipient(s)	**Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I**
Author Recipient Relationship	**Author and recipient are DOE contractors responsible for the subject draft LA (or SAR) sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This documents offers analysis and opinions on the manner in which DOE should structure its case for the radiological protection program in order to best demonstrate compliance with NRC regulations**
Deliberation Explanation	**This document is deliberative because it provides the author's views and opinions on the positions DOE should take with respect to its radiological protection program. The document was prepared in conjunction with DOE's request to develop recommendations to help DOE decide what type of program to adopt.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.9317**
LSN Accession No.	**DN2002333948**
Doc Date	**20040310**
Title	**lr_sar_1411jbmcomments**
Subject Matter Description	**The document concerns the proposes electrical and solar power system for the YM repository.**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Self, Jerry G./ BSC Repository Development - Conversion/ Bryan, Martin C/ BSC Repository Development - LA Completion/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not discuss facts, but a system that is only proposed. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALB.20040621.9318**
LSN Accession No.	**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).**
Author(s) Name/Org/Capacity	**McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / License Application/LA Configuration Control Team Member**
Recipient(s)	**Self, Jerry G. / BSC Repository Development - License Application / BSC Senior Engineering Specialist** **Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not discuss facts, but a proposed electrical power system. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20040621.9319**
LSN Accession No.	**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).**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Self, Jerry G./ BSC Repository Development - Conversion/** **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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not discuss facts, but a proposed plan. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20040621.9320**
LSN Accession No.	**DN2002332000**
Doc Date	**20040310**
Title	**lr_sar_1422jbmcomments**
Subject Matter Description	**The document concerns the proposed radiation-radiological monitoring system for the YM repository.**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Self, Jerry G./ BSC Repository Development - Conversion/ Bryan, Martin C/ BSC Repository Development - LA Completion/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not discuss existing facts but a proposed plan. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALB.20040621.9321**
LSN Accession No.	**DN2002473172**
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-Meteorlogical Monitoring System)**
Author(s) Name/Org/Capacity	**McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / License Application/LA Configuration Control Team Member**
Recipient(s)	**Self, Jerry G. / BSC Repository Development - License Application / BSC Senior Engineering Specialist Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content. This document is a part of the ongoing decision-making process within DOE on what positions and information should be included in the SAR that DOE will eventually file with the NRC.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in this draft as well as the form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALB.20040621.9322**
LSN Accession No.	**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).**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**Self, Jerry G./ BSC Repository Development - Conversion/ Bryan, Martin C/ BSC Repository Development - LA Completion/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft sections.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not discuss facts, but a system that was only proposed. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALB.20040621.9450**
LSN Accession No.	**DN2002334272**
Doc Date	**20040315**
Title	**lr_sar_144**
Subject Matter Description	**The document is a draft section 1.4.4 of the draft LA, which addresses the proposed safeguards and security system proposed for the YM repository.**
Author(s) Name/Org/Capacity	**Therein, Maria/BSC**
Recipient(s)	**Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist Kutzer, John F. / BSC Repository Development / Dearmin, Jennifer A. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section, on what safeguards and security system to adopt for the YM repository and how to describe it in the LA, to be presented to DOE for consideration**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft with the final LA would reveal DOE deliberations on the topic, with respect to what safeguards and security system to adopt and how to describe it in the LA.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040621.9649**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Zoleta, Augusto** **Self, Jerry G./ BSC Repository Development - Conversion/** **McDonnell, Thomas** **Kuo, Chang / BSC /**
Recipient(s)	**Minwalla, Homi J. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist** **Dokuzoguz, Halit / DOE-CRWMS /** **Meszaros, Christine / DOE-CRWMS /** **Honaker, Raymond / DOE-CRWMS /** **Barangar, Nico** **Bryan, Martin C/ BSC Repository Development - LA Completion/**
Author Recipient Relationship	**Authors and recipients are DOE employees or contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA sections, and its form and content. This draft SAR section (1.4.1) and the comments contained therein are a part of DOE's process in determining what licensing positions and what information should be included in the SAR/LA that is ultimately filed with the NRC.**
Deliberation Explanation	**The Design Engineering authors are providing their recommendations and opinion on the proposed licensing positions as well as the form and content of these draft SAR sections dealing with the electric power systems at the YM repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20040824.2168**
LSN Accession No.	**DN2002331194**
Doc Date	**20040619**
Title	**Re: SAR COMMENT ON 1.45 Kw/M**
Subject Matter Description	**Comments on draft SAR section 1.45**
Author(s) Name/Org/Capacity	**Anderson, Michael J. / BSC Repository Development - Engineering Production / BSC Principal Engineer 1**
Recipient(s)	**Mecham, Delwin / DOE-CRWMS /** **Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist** **Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Acting Director** **Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead** **Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager** **Keller, Roger L. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist** **Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer** **Hardin, Ernest / BSC Repository Development - Integration / BSC Project Manager** **Chagnon, Carl W. / BSC Repository Development - Engineering Production / BSC Project Manager**
Author Recipient Relationship	**Authors and recipients are DOE employees or contractors responsible for the subject draft LA (or SAR) sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA sesed ction and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALB.20040824.2734**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**Whetsel, Randy / BSC Repository Development - Licensing / Regulatory Coordination/Program Regulatory Integration Team Member** **Iorii, Vince / /** **Bailey, Jack / BSC Repository Development / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Hutchins, William / BSC Repository Development - Licensing / Beckman & Associates (B&A) or (BAA) Program Regulatory Integration Lead** **Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20040824.2764**
LSN Accession No.	**DN2002335344**
Doc Date	**20040615**
Title	**trd_sar_234 rcp**
Subject Matter Description	**Draft Yucca Mountain Repository Safety Analysis Report, Chapter 2: Repository Safety after Permanent Closure**
Author(s) Name/Org/Capacity	**Perman, Roseanne / Geomatrix**
Recipient(s)	**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** **Blair, Stephen C. / Lawrence Livermore National Laboratory (LLNL) / Lawrence Livermore National Laboratory (LLNL) Physicist** **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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LIST** **MANUAL**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20040824.3059**
LSN Accession No.	**DN2002329117**
Doc Date	**20040623**
Title	**SAR Section 1.4.5 Revised Draft 2**
Subject Matter Description	**The document is a draft of section 1.4.5 of the draft LA, which concerns a proposed low-level radioactive waste management system fotr the YM repository.**
Author(s) Name/Org/Capacity	**Minwalla, Homi J./ BSC Repository Development - Conversion/**
Recipient(s)	**VanDillen, Pat / BSC** **Holt Jr., Robert D./ BSC Repository Development - BOP PE/** **Blois, Michael D./ BSC Repository Development - Conversion/** **Skorska, Maria B./ BSC Repository Development - Engineering Production/** **Stock, Max/BSC** **Gardiner, James T./ BSC Repository Development - Mechanical Engineers/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The document provides the author's opinions on what low-level radioactive waste management system should included in the LA, and how that system should be described in the LA, prepared for submittal to DOE for consideration.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft with the final version of the LA would allow reconstruction of DOE's deliberations on the subject matter of this document.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040824.3356**
LSN Accession No.	**DN2002470266**
Doc Date	**20040629**
Title	**TMRB decision proposal_nominal_LC_num-rlz**
Subject Matter Description	**The document concerns the statistical stability of the nominal TSPA scenario with localized corrosion modeling.**
Author(s) Name/Org/Capacity	**Sevougian, David/ BSC Repository Development - Management & Operations/**
Recipient(s)	**Swift, Peter N. / BSC Repository Development - Mission Applications / Sandia National Laboratory (SNL) General Technical Management** **McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II** **Kalinich, Donald A. / BSC Repository Development - Performance Assessment / Sandia National Laboratory (SNL) Engineer** **Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager**
Author Recipient Relationship	**The author is a YMP personnel who works for the M&O contractor. The recipients are YMP personnel who are members of the YM technical management review board.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should perform additional runs to establish the statistical stability of the nominal TSPA case with localized corrosion modeling.**
Deliberation Explanation	**The document provides various options identified by the author as well as the author's subjective assessment of the impacts and estimate cost and schedule impacts of the options.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALB.20040824.5389**
LSN Accession No.	**DN2002336166**
Doc Date	**20040623**
Title	**Location of Certain Dose Calculations in the SAR**
Subject Matter Description	**Location of Certain Dose Calculations in the SAR**
Author(s) Name/Org/Capacity	**Trubatch, Sheldon/BSC/Attorney**
Recipient(s)	**Zhu, Ming / BSC Repository Development - Integration / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Rautenstrauch, Kurt R. / BSC Repository Development - Environmental Scientist/Engineer / BSC Senior Environmental Scientist/Engineer Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager**
Author Recipient Relationship	**Author and recipients are BSC employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR and the form and content thereof.**
Deliberation Explanation	**The author is providing his recommendation and opinions on the proposed licensing positions in and form and content of the draft SAR.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALB.20040824.5848**
LSN Accession No.	**DN2002335954**
Doc Date	**20040621**
Title	**Licensing Position for Dose Limits - modifications**
Subject Matter Description	**The email concerns a draft position paper that BSC was preparing to present to DOE, at DOE's request, on the topic of preclosure radiation dose limits.**
Author(s) Name/Org/Capacity	**Eadie, Gregory/ BSC Repository Development - Conversion/**
Recipient(s)	**Dunn, Thomas / BSC Wisenberg, Mark/BSC Bastian, Thomas/ BSC Repository Development - Design and Engineering/ Holder, Richard H./ BSC Repository Development - Environmental Scientist/Engineer/ Junio, Stacy S./ BSC Repository Development - Program Health Physicists/ Richardson, Dennis C. / BSC Repository Development - Pre-Closure Design Integration Team / BSC Project Engineer**
Author Recipient Relationship	**The author is a YMP M&O personnel. The recipients are other YMP M&O personnel with responsibility for the draft position paper on which the author is commenting.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns a draft licensing position that would specify annual radiation dose limits for persons on and off the YMP site during the preclosure period.**
Deliberation Explanation	**The document provides the author's assessment of whether the draft position comports with NRC regulations and provides the author's opinions and recommendations concerning the draft position.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The email does not contain any factual section. The document provides only the author's opinions and recommendations. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALB.20040824.6096**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Weaver, Douglas / SNL /** **Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member**
Recipient(s)	**Henning, Roger J./ BSC Repository Development - AMR Completion/** **Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/** **Weaver, Douglas / SNL /** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what should be the attributes of the performance confirmation plan that DOE adopts for the YM repository, and how the discussion of that plan should be structured and written in the License Application.**
Deliberation Explanation	**The document provides the recommendations of counsel on the referenced topic, and then provides a proposed response for consideration by DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document is not appropriate for redaction because it is also protected by the attorney client and litigation work product privileges. The document also does not contain segregable facts. The document contains the advice and recommendations of counsel on how to implement regulatory requirements, and additionally contains proposals about potential, future confirmation plans that have not been adopted.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20040824.6365**
LSN Accession No.	**DN2002331696**
Doc Date	**20040620**
Title	**section_2.3.9.2.1.4_comments_tynan**
Subject Matter Description	**The document concerns draft section 2.3.9.2.1.4 of the draft LA.**
Author(s) Name/Org/Capacity	**Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist**
Recipient(s)	**Eddebbarh, Al / SNL /** **Rehfeldt, Kenneth / SNL /** **Zhu, Ming / BSC Repository Development - Integration / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Arnold, Bill W. / Sandia National Laboratory /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040824.7471**
LSN Accession No.	**DN2002329124**
Doc Date	**20040621**
Title	**Seepage monitoring**
Subject Matter Description	**The document concerns draft section 3.5.1.2 of the draft LA, wgich addresses seepage monitoring**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**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**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Deliberation Explanation	**Authors are providing recommendations and opinions concerning proposed Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040824.8243**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Weaver, Marshall/ BSC Repository Development - Systems Engineering & Integration/** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead**
Recipient(s)	**Dobson, David / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Goldstein, Barry / BSC Repository Development - Integration / Sandia National Laboratory (SNL) Environmental Regulatory Compliance** **Kutzer, John F./ BSC Repository Development - LA Completion/** **Kell, Patty/ SNL/** **Franks, Douglas/ BSC Repository Development - Subcontractor Department/** **Bailey, Jack/ BSC Repository Development - Integration/**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20040903.0750**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy /**
Recipient(s)	**Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Acting Head Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Sweeney, Janine/ DOE - Office of General Counsel (OGC)/attorney Sassani, David C./ MTS - Performance Assessment/Science/ Boyle, William J/ DOE - OCRWM Office of Repository Development/ Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/ Ziegler, Joseph/DOE OCRWM/Licensing Director**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALB.20040903.2726**
LSN Accession No.	**DN2002334182**
Doc Date	**20040827**
Title	**NAS quotes**
Subject Matter Description	**The document concerns strategies DOE could pursue in response to the court of appeal decision invalidating EPA regulations.**
Author(s) Name/Org/Capacity	**Voegele, Michael D./ BSC Repository Development - Chief Science Officer/**
Recipient(s)	**Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead**
Author Recipient Relationship	**The author is an DOE M&O contractor personnel. The author is an DOE official responsible for preparation of the LA.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what response DOE could take in response to the court of appeal decision invalidating EPA regulations.**
Deliberation Explanation	**The document provides, for DOE's consideration, recommendations of how statements in the National Academy Report: Technical Basis for Yucca Mountain Standards, could be addressed in proposed regulations for the post-10,000 year standard. The document was prepared at DOE's request to assist OCRWM management's deliberations about regulations to propose in responsre to the court of appeals' decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion. It contains opinions and recommendations on how statements in the NAs report could be addressed in regulations.**
Doc Type	**DATA EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALB.20040903.5806**
LSN Accession No.	**DN2002330170**
Doc Date	**20040715**
Title	**SAR 2.2.1.4.2.3 R07152004 DAS**
Subject Matter Description	**Comments on draft SAR Section 2.2.1.4.2.3.**
Author(s) Name/Org/Capacity	**Salmon, David A. / BSC Repository Development - KTI Completion Team / BSC Senior Science Specialist**
Recipient(s)	**Andrews, Robert W. / BSC Repository Development /** **Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor**
Author Recipient Relationship	**Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20040903.6309**
LSN Accession No.	**DN2002469289**
Doc Date	**20040720**
Title	**TSPAI3.10resp_H&W_CC**
Subject Matter Description	**The document concerns a draft response to a KTI concerning the TSPA, with respect to integrated uncertainty analyses for the EBS physical and chemical environment.**
Author(s) Name/Org/Capacity	**Kordyak, Angela/ DOE - Office of General Counsel (OGC)/** **Hunton & Williams, LLP**
Recipient(s)	**Spycher, N/BSC** **Sweeney, Toney /DOE/** **Salmon, David A. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Science Specialist** **Nieder-Westermann, Gerald H. / BSC Repository Development - Performance Assessment / BSC Senior Science Specialist** **Meacham, Paul / BSC Repository Development - LA Document Management / Integrated Science Solutions, Inc. (ISSI) Technical Specialist** **Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II** **Geller, Jill / BSC /** **Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager** **Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager** **Bodvarsson, Gudmundur S. / BSC Repository Development - Performance Assessment / Lawrence Berkeley National Laboratory (LBNL) LBNL Lab Lead** **Beach, Charles /DOE/**
Author Recipient Relationship	**The authors are an attorney with the DOE OGC who works on YMP matters as well as DOE's outside licensing counsel for the YMP. The recipients are YMP personnel with responsibility for the preparation of the draft document that was the subject of the legal advice and who had a need to know that advice to perform their work.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft licensing-related document and its form and content.**
Deliberation Explanation	**Licensing counsel provided recommendations and opinions on the proposed licensing positions as well as the form and content of this draft licensing-related document and DOE employees or contractors provided responses to those comments.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice**

Participant Accession No.	**ALB.20041227.0113**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Minwalla, Homi J. / BSC Repository Development - LA Configuration Control / BSC Senior Engineering Specialist**
Recipient(s)	**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** **Ashley, Glenn /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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content. This document is a part of DOE's on-going process to develop a LA/SAR that will ultimately be filed with the NRC.**
Deliberation Explanation	**The author provides recommendations and opinions on the proposed licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20041227.0114**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Minwalla, Homi J. / BSC Repository Development - LA Configuration Control / BSC Senior Engineering Specialist**
Recipient(s)	**Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager** **Lorenz, Jerry / BSC Repository Development - Design and Engineering / Red, Inc. Communications Technical Writer/Editor II** **Ashley, Glenn /BSC** **Kubicek, John /BSC** **Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content. This document is a part of DOE's ongoing efforts to prepare a LA/SAR that will be filed with the NRC.**
Deliberation Explanation	**The author provides recommendations and opinions on the proposed licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20041227.4452**
LSN Accession No.	**DN2002332586**
Doc Date	**20040818**
Title	**cr_sar_152 DAT 08142004**
Subject Matter Description	**The document concerns section 1.5.2 of the draft LA, which concerns the principal characteristics of various waste package configurations proposed for the YM repository.**
Author(s) Name/Org/Capacity	**Acree, Patrick/DOE OCRWM**
Recipient(s)	**Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor** **McIlvaine, Jim / BSC Repository Development - Licensing & Nuclear Safety / LA Completion Team Member** **Ferris, David / DOE-CRWMS /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20041227.6697**
LSN Accession No.	**DN2002336368**
Doc Date	**20040810**
Title	**SAR Section 1.4.2 Post Chapter Review Draft**
Subject Matter Description	**The document is a draft section 1.4.2 of the draft LA, which addresses proposed controls and monitoring systems to serve the surface and subsurface facilities.**
Author(s) Name/Org/Capacity	**Minwalla, Homi J./ BSC Repository Development - Conversion/**
Recipient(s)	**Gonzales, Jorge / BSC** **Holt Jr., Robert D./ BSC Repository Development - BOP PE/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft to the final version of the LA would reveal DOE deliberations on the subject matter of the draft section.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20050323.1819**
LSN Accession No.	**DN2002331222**
Doc Date	**20041025**
Title	**Re: QA: NA**
Subject Matter Description	**Attorney comments and discussion concerning draft SAR section 2.2**
Author(s) Name/Org/Capacity	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney**
Recipient(s)	**Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
Author Recipient Relationship	**Authors and recipients are attorneys with DOE OGC and DOE's outside licensing counsel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Deliberation Explanation	**The authors is providing recommendations, opinions, and legal advice concerning proposed licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice**

Participant Accession No.	**ALB.20050323.1825**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney**
Recipient(s)	**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 Zeugin, Lee / Hunton & Williams, LLP / Attorney Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Acting Head**
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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns the position DOE should take on peak dose in the Environmental Report and the relevant portion of the the LA.**
Deliberation Explanation	**This document contains attorney comments and opinions on the referenced strawman for a decision of DOE's position on peak dose in the Environmental Report and the relevant portion of the LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.2372**
LSN Accession No.	**DN2002338091**
Doc Date	**20040608**
Title	**Comments SAR 1-5-1**
Subject Matter Description	**Memorandum with attorney comments on draft SAR Section 1.5.1**
Author(s) Name/Org/Capacity	**Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney** **Rinaca, James / Hunton & Williams, LLP / Attorney** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney**
Recipient(s)	**Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead** **Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager** **Ferris, David / /** **Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.2374**
LSN Accession No.	**DN2002333040**
Doc Date	**20040608**
Title	**Comments SAR 1-4-2 comments**
Subject Matter Description	**SAR Section 1.4.2 comments**
Author(s) Name/Org/Capacity	**Holloway, John / Hunton & Williams, LLP / Attorney** **Rinaca, James / Hunton & Williams, LLP / Attorney** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.4501**
LSN Accession No.	**DN2002333567**
Doc Date	**20040609**
Title	**Comments SAR 1-3-3**
Subject Matter Description	**Memorandum with attorney comments on draft SAR Section 1.3.3**
Author(s) Name/Org/Capacity	**Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney** **Rinaca, James/ Hunton & Williams, LLP/ Attorney** **Holloway, John/ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/** **Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/** **Kutzer, John F. / BSC Repository Development - LA Completion /**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.5818**
LSN Accession No.	**DN2002335760**
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.**
Author(s) Name/Org/Capacity	**Hellstrom, George/ DOE - Office of General Counsel (OGC)/** **Rinaca, James/ Hunton & Williams, LLP/ Attorney** **Holloway, John/ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/** **Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/** **Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager** **Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist** **Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is the the form and content of section 1.3.3 of the draft LA.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not concern any discussion of facts. It addresses legal analyses of the YMRP.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.5989**
LSN Accession No.	**DN2002337210**
Doc Date	**20040607**
Title	**Comments-SAR 1-12**
Subject Matter Description	**Memorandum re attorney comments on SAR 1.12**
Author(s) Name/Org/Capacity	**Biggs, Jo Ann / Hunton & Williams, LLP / Attorney** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney**
Recipient(s)	**Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **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 Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns the position DOE should take in the LA/SAR Section 1.12.**
Deliberation Explanation	**This document concerns the position DOE should take in the LA/SAR Section 1.12.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.5991**
LSN Accession No.	**DN2002331231**
Doc Date	**20040607**
Title	**Comments SAR 5.9**
Subject Matter Description	**Memorandum with Comments on draft SAR Section 5.9**
Author(s) Name/Org/Capacity	**Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney** **Edwards, W J./ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/** **Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/** **Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Hutchins, William / BSC Repository Development - Licensing / Beckman & Associates (B&A) or (BAA) Criticality 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 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.6223**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney** **Rinaca, James/ Hunton & Williams, LLP/ Attorney** **Holloway, John/ Hunton & Williams, LLP/ Attorney**
Recipient(s)	**Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/** **Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/** **Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager** **Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead** **Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager** **Gonzales, Lou / BSC Repository Development - Licensing / Licensing Support Manager**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The attorneys are providing advice and recommendations on the form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any discussion of facts. It discusses the form and content of the draft LA and provides legal analysis based on that.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.6354**
LSN Accession No.	**DN2002334658**
Doc Date	**20040615**
Title	**Comments SAR 1-2-3**
Subject Matter Description	**Memorandum with attorney comments on draft SAR Section 1.2.3**
Author(s) Name/Org/Capacity	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Rinaca, James / Hunton & Williams, LLP / Attorney** **Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney**
Recipient(s)	**Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.6356**
LSN Accession No.	**DN2002329550**
Doc Date	**20040613**
Title	**Comments SAR 1-2-4**
Subject Matter Description	**Memorandum with attorney comments on draft SAR Section 1.2.4**
Author(s) Name/Org/Capacity	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney** **Rinaca, James / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Zaccone, Charlotte A. / MTS - Planning & Scheduling / Booze Allen Hamilton (BAH) Mechanical Engineer** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory 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) section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050323.6358**
LSN Accession No.	**DN2002335883**
Doc Date	**20040615**
Title	**Comments SAR 1-2-5**
Subject Matter Description	**Memorandum with attorney comments on draft SAR Section 1.2.5**
Author(s) Name/Org/Capacity	**Hellstrom, George / DOE General Counsel / Attorney** **Holloway, John / Hunton & Williams, LLP / Attorney** **Rinaca, James / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead** **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**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050330.4186**
LSN Accession No.	**DN2002337840**
Doc Date	**20040806**
Title	**YM-4213-v4-MEMO Comments to section 4 of SAR PC**
Subject Matter Description	**Comments on SAR Section 4(Performance Confirmation Program)**
Author(s) Name/Org/Capacity	**Noonan , Edward P. / Hunton & Williams /Attorney** **Edwards, W Jeffrey / Hunton & Williams, LLP / Attorney**
Recipient(s)	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice**

Participant Accession No.	**ALB.20050331.0369**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Rinaca, James / Hunton & Williams, LLP / Attorney** **Holloway, John / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Beard, Kristina / Hunton & Williams, LLP / Attorney** **Rinaca, James / Hunton & Williams, LLP / Attorney** **Beasley, Amanda / Hunton & Williams, LLP / Attorney** **Jenkins, Angela / 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The licensing counsel authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050331.0375**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Rinaca, James / Hunton & Williams, LLP / Attorney** **Holloway, John / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Rinaca, James / Hunton & Williams, LLP / Attorney** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Jenkins, Angela / Hunton & Williams, LLP / Attorney** **Beard, Kristina / Hunton & Williams, LLP / Attorney** **Beasley, Amanda / Hunton & Williams, LLP / Attorney**
Author Recipient Relationship	**The authors and recipients are attorneys, respectively, with DOE OGC and DOE's outside licensing counsel.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The licensing counsel authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050331.0553**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Beard, Kristina / Hunton & Williams, LLP / Attorney**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This email has no fact section. Rather it reflects in its entirely the author's evaluation and recommendations regarding the development of the subject LA section.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20050523.3097**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Beard, Kristina / Hunton & Williams, LLP / Attorney**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20050527.2899**
LSN Accession No.	**DN2002332845**
Doc Date	**20050324**
Title	**1.3.2 ConsolLegal**
Subject Matter Description	**1.3.2 ConsolLegal**
Author(s) Name/Org/Capacity	**Beard, Kristina/ Hunton & Williams, LLP/** **Hellstrom, George/ DOE - Office of General Counsel (OGC)/** **Suarez, Diego/ BSC Repository Development - Conversion/**
Recipient(s)	**Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Boutin, Robert J./ BSC Repository Development - Conversion/** **White, Jon/ DOE/** **Rinaca, James/ Hunton & Williams, LLP/**
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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **FORM** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20051018.0053**
LSN Accession No.	**DN2002335967**
Doc Date	**20050819**
Title	**YM-5546-v1-Thoughts on possible DOE comments on EPA's peak dose rule**
Subject Matter Description	**The document concerns the EPA proposed peak dose regulations promulgated following the 2004 decision of the U.S. court of appeals, and DOE's possible positions on those draft regulations.**
Author(s) Name/Org/Capacity	**Zeugin, Lee/ Hunton & Williams, LLP/attorney**
Recipient(s)	**Andrews, Robert W. / BSC Repository Development - Licensing Defense /** **Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / In 2001, Brownstein reported to Office of Program Management and Administration of which Richard W. Minning was Acting Director. In 2000, Brownstein reported to Ivan Itkin (Director of OCRWM). In 1999, Brownstein reported to Office of Program Management and Administration (Ronald Milner or Dwight Shelor, Directors). In 1998, Brownstein reported to Office of Program Management and Administration (Samual Rousso, Director). In 1997, he reported to OPMA (Rousso and James Bresee, Directors). In 1996, he reported to OPMA (Rousso, Bresee, and Jerome Saltzman, Directors). DOE Regulatory Coordination Division Director** **Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission** **Irwin, Donald / Hunton & Williams, LLP / Attorney** **McRae, Ben / DOE/attorney** **Knox, Eric/DOE/deputy OCRWM director** **Nutt, Mark / Golder Associates /consultant to DOE** **Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager** **Sweeney, Janine / DOE - Office of General Counsel (OGC) /DOE Attorney** **Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney** **Williams, Jeffrey R./ DOE - OCRWM /** **Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Mark H. Williams is Director of OLAS as of 12/2/05. Stephen Hanauer and Claudia Newberry are collegues of Van Luik. Williams, Hanauer, Newberry and Van Luik oversee Postclosure and License Acquisition Division (of which William J. Boyle is the Director) and Regulatory Interactions and Strategy Division (of which April Gil is the Director). OLAS is under the Office of Repository Development. Joseph D. Ziegler stepped down as Director of OLAS in 11/2005. Ziegler was Director of OLAS since 10/28/02.**
Author Recipient Relationship	**The authors are attorneys with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM officials and attorneys, and DOE contractors, who were involved in advising DOE in connection with proposed EPA rulemaking on the peak dose period.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what agency positions DOE should adopt with respect to EPA's proposed regulations on the peak dose period.**
Deliberation Explanation	**The document provides the attorney's subjective advice and recommendations on what positions DOE should consider adopting and what comments it should consider making, to assist the DOE personnel in formulating agency policy on the issue.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual section. It consists entirely of the attorney's subjective opinions and recommendations. Disclosure of its content would reveal the attorney's recommendations and the information the attorney considered pertinent. Comparison of the document to DOE's final comments would reveal DOE's deliberations about what potential positions were considered as part of its deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**ALB.20051018.1957**
LSN Accession No.	**DN2002329325**
Doc Date	**20050826**
Title	**Changes to 1.5.1.4, Privileged and Confidential**
Subject Matter Description	**The subject matter of the document is draft section 1.5.1.4 of the SAR.**
Author(s) Name/Org/Capacity	**Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II**
Recipient(s)	**Peltier, Benjamin / DOE-CRWMS / Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Harrington, Charles D./ BSC Repository Development - Subcontractor Department/ Cereghino, Stephen J. / BSC Repository Development - Licensing / Bailey, Jack/ BSC Repository Development - Integration/ McIlvaine, Jim / BSC Repository Development - Licensing & Analysis /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALB.20051018.3373**
LSN Accession No.	**DN2002331484**
Doc Date	**20050818**
Title	**Updates to SAR Sections 1.14.2.1 - 1.14.2.2.1 - 1.14.2.2.4 08192005**
Subject Matter Description	**The document concerns a proposed nuclear criticality methodology to be used to evaluate configurations of waste forms as discussed in the referenced draft sections of the draft LA.**
Author(s) Name/Org/Capacity	**Odd, Jared/BSC**
Recipient(s)	**Thomas, Daniel A. / BSC Repository Development - Engineered System / BSC Engineering Supervisor**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALB.20051018.4266**
LSN Accession No.	**DN2002336383**
Doc Date	**20051004**
Title	**ORD Senior Mgmt Review 050707 (2) skoblarl**
Subject Matter Description	**Author's notes and observations arising from senior management review meeting (including attorneys from OGC and its outside law firm) of various issues associated with the LA.**
Author(s) Name/Org/Capacity	**Skoblar, Leonard/ BSC Repository Development - Design Interface & Integration/**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**There are various issues associated with determining content of and strategy associated with the LA and the positions DOE may take in the licensing proceeding.**
Deliberation Explanation	**The document reflects the deliberations of the management group and its attorneys on issues critical to the LA and the licensing proceeding.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no factual section. It is entirely made up of a list of issues that in the judgment of management and the author are issues requiring deliberation and attention of management with recommendations on actions and assessment of impacts.**
Doc Type	**DATA** **EMAIL-ATT**
Other Privilege Types	**ACP-discusses attorneys advice;** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20051018.4443**
LSN Accession No.	**DN2002331214**
Doc Date	**20050811**
Title	**Pages from sar-1.03.04 working draft C-2**
Subject Matter Description	**The document is a page from the draft LA that addresses the proposed invert structure under consideration for use at the YM repository.**
Author(s) Name/Org/Capacity	**Self, Jerry G./ BSC Repository Development - Conversion/**
Recipient(s)	**Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II** **Meacham, Paul / BSC Repository Development - LA Completion / Integrated Science Solutions, Inc. (ISSI) Technical Specialist** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section, to be presented to DOE for consideration.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft to the final version of the LA would reveal DOE's deliberations on what to include in the LA and how to describe that information.**
Doc Type	**EMAIL-ATT** **LIST** **MANUAL**
Other Privilege Types	

Participant Accession No.	**ALB.20051018.5024**
LSN Accession No.	**DN2002330924**
Doc Date	**20050830**
Title	**RE: Privileged & Confidential - YMRP criteria question**
Subject Matter Description	**The subject matter of the document is attorney comments on draft SAR Section 2.3.7 regarding YMRP criteria.**
Author(s) Name/Org/Capacity	**Shamblin, Penny / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney**
Recipient(s)	**Cunnane, Jim / DOE-OCRWM / Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead**
Author Recipient Relationship	**The author is DOE outside counsel providing advice to DOE employees and personnel responsible for the subject draft SAR sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; ACP-discusses attorneys advice**

Participant Accession No.	**ALB.20051102.0097**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Fillmore, Robert M. / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Younker, Jean L. / BSC Repository Development - Licensing Defense / Manager of Technology I Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates Project Manager/Laboratory Lead**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20051102.0482**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Prouty, Jeralyn L./ BSC Repository Development - Subcontractor Department/**
Recipient(s)	**Dobson, David / BSC Repository Development - Postclosure Activities / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Howard, Robert L. / BSC Repository Development / BSC Project Manager** **Younker, 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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section, including how to address YMRP acceptance criteria in the LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALB.20051102.0655**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Frazier, Amanda J. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)** **Ashley, Glenn / BSC/Beckman /**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel for the YM repository. The recipients are YMP personnel responsible for the subject draft LA (or SAR) sections that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any segregable factual information. It provides the attorney's analysis and recommendation, and disclosure of its content would reveal that analysis and recommendation. Also, comparison of this document to the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20051102.0942**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Younker, Jean L. / BSC Repository Development - Performance Assessment / BSC Manager of Technology I** **Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquistion Division Group Member** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Senior Engineeer** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney**
Author Recipient Relationship	**The author and recipients are licensing counsel and DOE contractors or employees responsible for the subject draft license application section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The licensing attorney author is providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft license application section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALB.20070426.3270**
LSN Accession No.	
Doc Date	**20070111**
Title	**Re: Pahrump Action Item DiscussionsPRIVILEDGED- Deliberative Process**
Subject Matter Description	**The subject matter is an identification of action items relating to licensing the Yucca facility.**
Author(s) Name/Org/Capacity	**Sproat, Edward F. III / DOE - OCRWM / Director** **Powers, Ken / /**
Recipient(s)	**Crawford, David / /** **Neumayr, Mary / DOE/Office of General Counsel/attorney /** **Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney** **Irwin, Donald / Hunton & Williams, LLP / Attorney** **Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director** **Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member** **Sproat, Edward F. III / DOE - OCRWM / Director** **Powers, Ken / /** **Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director** **Feigenbaum, Ted / /** **Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member** **Davis, Shirley / /** **Dyer, Russel J. / DOE - OCRWM Office of the Chief Scientist / Lead** **Williams, Mark H. / DOE /** **Golan, Paul / /** **Lanthrum, Gary / /** **Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director** **Warther, Robert / DOE/RW /**
Author Recipient Relationship	**The authors and recipients are licensing counsel and DOE employees and contractors with licensing-related responsibility for the subjects addressed in the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Identification of open issues regarding the licensing of the Yucca facility.**
Deliberation Explanation	**The deliberation relates to a determination of items required for resolution for the license application and how to reach resolution on the items.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALC.20040612.2370**
LSN Accession No.	**DN2002331178**
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.**
Author(s) Name/Org/Capacity	**Sassani, David C. / MTS - Performance Assessment/Science / Golder Associates Staff Scientist**
Recipient(s)	**Marshall, Ann / MTS / Levich, Robert A. / DOE / International Programs Manager Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member**
Author Recipient Relationship	**The author and recipients are YMP personnel who work on KTI responses for DOE.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should adopt the licensing position that non-observation of seepage in the DST is supportive data of the post-closure period.**
Deliberation Explanation	**The document provides the author's views on the referenced topic and makes a recommendation of what position DOE should adopt. The author provides his proposed position to his colleagues for their views on whether the policy issue should be presented to DOE superiors.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document discusses what position the author believes DOE should adopt and does not provide any separate factual discussion. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALC.20040612.6509**
LSN Accession No.	**DN2002337566**
Doc Date	**20020906**
Title	**Policy Comment on TH_PULSE**
Subject Matter Description	**This document contains D. Sassani's draft policy statement concerning the program for calculating infiltration.**
Author(s) Name/Org/Capacity	**Sassani, David C. / MTS - Performance Assessment/Science / Golder Associates Staff Scientist**
Recipient(s)	**Levich, Robert A. / DOE / International Programs Manager Marshall, Ann / MTS / Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I**
Author Recipient Relationship	**The author is a DOE M&O contractor. The recipients are either OCRWM officials or DOE M&O contractors with responsibility over the subject matter of the communication.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**D. Sassani has provided his proposed recommendation on a policy for DOE to publicly adopt on the program for calculating infiltration. As it is his recommendation and he is providing it to an OCRWM official for her consideration, it is predecisional.**
Deliberation Explanation	**This is the attachment to the September 2, 2002 email by David Sassani. It provides his statement of the position he recommends for DOE to take.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no factual discussion. The entire document is a proposed policy statement.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040612.9415**
LSN Accession No.	**DN2002333754**
Doc Date	**20031120**
Title	**1113039495_Enc**
Subject Matter Description	**Study regarding the System Impacts of the Draft High-Level Radioactive Waste/Spent Nuclear Fuel Disposition Strategy**
Author(s) Name/Org/Capacity	**Gillespie, Scott G. / BSC Repository Development - Program Integration / BSC Principal Engineer I**
Recipient(s)	**Bailey, Jack / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I** **Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BSC President & General Manager** **Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects** **Siddoway, Dean / DOE-CRWMS /** **Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member** **Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member** **Lucas, Lawrence / DOE-CRWMS /** **Benz, Edward F. / BSC Repository Development - Subcontractor Department / JAI Corporation Project Manager** **Ross, Steven L. / DOE-CRWMS /** **Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Acting Director** **Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer** **Siefken, David L./ BSC Repository Development - Program Integration/** **Garfield, William/BSC Reposity Development**
Author Recipient Relationship	**The author is an DOE M&O contractor personnel. The recipients are DOE and DOE contractor personnel who were funded by DOE to consider deposition strategies for work at the YM repository.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The ultimate decision is whether to adopt the IAS Case 5 as the reference defense waste receipt schedule for the LA.**
Deliberation Explanation	**The documents examines the potential impacts of a draft revised EM IAS Case 5 on the CRWMS, including transportation impacts, repository impacts, and statutory, licensing and regulatory impacts.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document contains no factual or background section. It contains assumptions, which are not independently tested or verified. Otherwise, it presents results and conclusions, reflecting the author's evaluation and judgment.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **PHOTOGRAPH** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040618.2469**
LSN Accession No.	**DN2002469830**
Doc Date	**19990205**
Title	**YDAR No. 20372/White Papers Re: Defense in Depth**
Subject Matter Description	**The document concerns a proposed postclosure respository defense in depth design basis for the YM repository.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Richardson, Dennis C. / BSC Repository Development - Conversion / BSC Project Engineer** **Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/** **Weber, Ellyn / Innovations /** **Rickertsen, Larry D./ BSC Repository Development - Conversion/** **Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/** **Williams, Dennis/ DOE - OCRWM/** **Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/** **Dove, Harvey/ BSC Repository Development - Science & Analysis/** **Gil, April V./ DOE - OCRWM Office of Repository Development/** **Dockery, Holly** **Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/** **Andrews, Robert W./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The author is an OCRWM advisor. The recipient (Brocoum) is a senior official with decisionmaking authority on the issue of the document. The other recipients are YMP personnel with responsibility for that work product as well.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should accept the referenced deliverables, and thereby adopt the proposed design basis and strategy set forth in them.**
Deliberation Explanation	**The document provides the author's recommendation to the decisionmaker on the issue and provides the author's opinions that support his recommendation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**

Non-Redactable Statement	**This document does not contain any factual discussion. It provides subjective opinions about regulatory requirements and NRC expectations.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALC.20040621.0725**
LSN Accession No.	**DN2002334063**
Doc Date	**20040330**
Title	**0330040960 MW-rav Attachment to IOM Ident of Barriers ITS 0330**
Subject Matter Description	**The document concerns BSC recommendation on what position DOE should adopt for regarding the barriers important to waste isolation for the License Application.**
Author(s) Name/Org/Capacity	**BSC Repository Development Management**
Recipient(s)	**Ziegler, Joseph/DOE OCRWM/Licensing Director** **Cereghino, Stephen J./ BSC Repository Development - Conversion/** **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** **Lucas, L. L. / BSC /** **Mason, M. J. //** **Whitcraft, J. S. / BSC /** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I/ Licensing Application Integration Group**
Author Recipient Relationship	**This document was authored by DOE's M&O contractor and the recipients are either OCRWM officials or DOE M&O contractor personnel who have responsibility for the subject matters related to barriers that are important to waste isolation.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision is what DOE should claim in the licensing proceeding as barriers important to waste isolation in the Licensing Application. The authors are DOE M&O personnel tasked by DOE to make recommendations on the referenced topic. The paper was presented to the group DOE funded to make decisions on licensing position, and to DOE and M&O personnel with responsibility for the subject matter of the paper.**
Deliberation Explanation	**The issue paper sets forth and discusses applicable regulations and then nominates barriers that the authors recommend as important to waste isolation with a discussion of that recommendation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040621.0965**
LSN Accession No.	**DN2002335715**
Doc Date	**19340904**
Title	**ORD Organizational Model**
Subject Matter Description	**ORD Organizational Model**
Author(s) Name/Org/Capacity	**Cornell, Veronica/ MTS - Licensing/**
Recipient(s)	**Beckman, Donald / BSC Repository Development - KTI Completion Team / Beckman & Associates (B&A) or (BAA) Program Manager** **Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist** **Toft, Richard L. / MTS / Booze Allen Hamilton (BAH) General Manager** **Murray, Robert / MTS - Licensing Application and Strategy / Booze Allen Hamilton (BAH) 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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The organizational structure that will be advanced and relied upon in connection with the LA.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed organization structure for licensing and the form and content of the draft LA section addressing same.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LEGAL DOCUMENT** **LIST**
Other Privilege Types	**LWP-other (FACT);**

	LWP-other (OPINION)

Participant Accession No.	**ALC.20040621.3689**
LSN Accession No.	
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**
Author(s) Name/Org/Capacity	**Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Recipient(s)	**Encarnacion, Narci / BSC / Mendiola, Perfecto/ BSC / Blois, Michael D. / BSC Repository Development - Engineering Production / BSC Engineering Supervisor**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALC.20040621.5522**
LSN Accession No.	**DN2002335265**
Doc Date	**20040223**
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.**
Author(s) Name/Org/Capacity	**Project personnel responsible for developing SAR section 1.4.5.4**
Recipient(s)	**Blois, Michael D. / BSC Repository Development - Engineering Production / BSC Engineering Supervisor Mendiola, Perfecto / / Encarnacion, Narci / BSC /**
Author Recipient Relationship	**The author and recipients are Yucca Mountain Project personnel who have responsibility for developing SAR section 1.4.5.4.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is a preliminary draft of SAR section 1.4.5.4. It is a part of DOE's ongoing process to develop a SAR that will ultimately be filed with the NRC. The positions taken in this draft will not be finalized until DOE files it with the NRC.**
Deliberation Explanation	**This is a draft document that does not reflect what positions DOE may ultimately take in the final version of SAR section 1.4.5.4. Releasing this document could reveal the deliberations made by DOE if one compared this draft version with the final version of SAR section 1.4.5.4.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALC.20040621.5680**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**McDonnell, Thomas/BSC**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what facilities and related infrastructure design DOE should adopt for the YM repository, as well as the form and content of the discussion in the LA of that topic.**
Deliberation Explanation	**The document provides the opinions and recommendations of the BSC engineering group on the proposed facilities design as well as the form and content of the associated discussion in the draft LA, for ultimate decision by DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not discuss existing facts., but concerns a proposed facility design that was under consideration by DOE. Comparison of the draft section to the final LA would reveal DOE's deliberations on what facility design to adopt and the form and content of the associated discussion in the LA.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALC.20040621.5692**
LSN Accession No.	**DN2002333089**
Doc Date	**20040217**
Title	**D&E_126_B021004 (LAP comments)**
Subject Matter Description	**Document provides YMP personnel comments on form and content on draft SAR Section 1.2.6**
Author(s) Name/Org/Capacity	**Bryan, Martin C/ BSC Repository Development - LA Completion/**
Recipient(s)	**Honaker, Raymond / DOE-CRWMS /** **Kumar, Paul A. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist** **Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager** **Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Author and recipients are DOE employees and contractors responsible for the subject draft SAR Section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040621.5693**
LSN Accession No.	**DN2002333767**
Doc Date	**20040301**
Title	**D&E_126_B021004 (LAP comments)mcb**
Subject Matter Description	**Reviewer comments on preliminary draft of SAR Section 1.2.6**
Author(s) Name/Org/Capacity	**Bryan, Martin C/ BSC Repository Development - LA Completion/**
Recipient(s)	**Honaker, Raymond / DOE-CRWMS /** **Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager** **Kumar, Paul A. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist** **Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Author and recipients are DOE employees and contractors responsible for the subject draft SAR sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040621.9499**
LSN Accession No.	**DN2002336116**
Doc Date	**20040219**
Title	**D&E_1271-DE**
Subject Matter Description	**The document concerns draft section 1.2.7 of the draft LA.**
Author(s) Name/Org/Capacity	**McDonnell, Thomas / BSC /**
Recipient(s)	**Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE MTO and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040621.9759**
LSN Accession No.	**DN2002331177**
Doc Date	**20040219**
Title	**D&E_154_B021304jbmcomments**
Subject Matter Description	**The document is the draft section 1.5.4 of the draft LA with the authors' comments.**
Author(s) Name/Org/Capacity	**McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / License Application/LA Configuration Control Team Member** **Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst**
Recipient(s)	**McDonnell, Thomas /BSC** **Su, Steve /BSC** **Dokuzoguz, Halit /BSC** **Honaker, Raymond /BSC** **Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Jessen, James P. / BSC Repository Development - LA Configuration Control / BSC Senior Engineer**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what waste package fabrication design to use for the YM repository, and how to describe it in the LA.**
Deliberation Explanation	**The document provides the authors' recommendations and opinions, proposed to be made to DOE, on the selection of as waste package fabrication and what to say about it in the LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft with the final LA would reveal DOE deliberations on this topic.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040824.5227**
LSN Accession No.	**DN2002333910**
Doc Date	**20040416**
Title	**1.4.4_review**
Subject Matter Description	**Yucca Mountain Repository Safety Analysis Report; Chapter 1: draft section 1.4.4 Repository Safety Before Permanent Closure**
Author(s) Name/Org/Capacity	**Thomas Frankert / /**
Recipient(s)	**Bigbee, John / TRW /** **Kahler, Norman / DOE-OCRWM /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040824.8786**
LSN Accession No.	**DN2002334190**
Doc Date	**20040510**
Title	**lr_sar_1243 (LAP comments) 21 Apr Cask Prep**
Subject Matter Description	**The document is the draft section 1.2.4.3 of the draft LA, which concerns a proposed waste package preparation system for the YM repository.**
Author(s) Name/Org/Capacity	**Beck, Mike / COGEMA /**
Recipient(s)	**Lydic, Margaret J. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II** **Self, Jerry G./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**What waste package preparation system to be adopted for the YM repository and what to say and how to describe it in the LA.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section, to be presented to DOE for its consideration.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft with the final LA would reveal DOE's deliberations on the referenced subject matter.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20040824.8832**
LSN Accession No.	**DN2002336401**
Doc Date	**20040512**
Title	**sar_2.3.11 text_Revised1**
Subject Matter Description	**The document concerns section 2.3.11 of the draft LA which concerns the proposed TSPA-LA model abstraction to be used to predict consequences from volcanic disruption of the YM repository.**
Author(s) Name/Org/Capacity	**Sanchez, Paul E./ BSC Repository Development - Integration/**
Recipient(s)	**Dobson, David/ BSC Repository Development - License Application/** **Swift, Peter N./ BSC Repository Development - Mission Applications/** **Cline, Mike L./ BSC Repository Development - Disruptive Events/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**proposed licensing positions in and form and content of this draft section**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALC.20050208.7503**
LSN Accession No.	**DN2002329133**
Doc Date	**19990716**
Title	**SFIT Report 7-16-99final**
Subject Matter Description	**The document addresses the analysis of the SFIT of the impact on surface facility design of ongoing and past studies.**
Author(s) Name/Org/Capacity	**Mattson, Gus / TRW /** **Meyer, Les / TRW /** **Rowe, Gene W./ BSC Repository Development - CM-Construction Management/**
Recipient(s)	**Rowe, Gene W. / BSC Repository Development - CM-Construction Management /** **Meyer, Les / TRW /** **Stroupe, Woody / BSC/TRW /** **Griffith, Gary / TRW /** **Wagner, Richard / BSC /**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the surface facility design. The authors were, at the time, specifically part of a Surface Facility Integration Team whose purpose was to analyze conceptual design issues for the repository.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The potential decision and policymaking relates to surface design for site recommendation and the LA.**
Deliberation Explanation	**The white paper provides a briefing on each of the seven reviewed studies as well as some site tours. It then sets forth recommendations of the SFIT on action items related to design decisions.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it contains no discrete factual background section. To the extent that it briefs the reviewed studies, it reflects the authors' evaluation and judgment regarding the significance and impact of such studies on ongoing site selection and LA preparation work. It is pervasively evaluative.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040611.3950**
LSN Accession No.	**DN2002330409**
Doc Date	**19970627**
Title	**Navycans**
Subject Matter Description	**The document concerns the size of disposal canisters for Naval SNF to be disposed of in the YM repository.**
Author(s) Name/Org/Capacity	**Benton, Hugh/ DOE - OCRWM Office of Waste Management/** **Segrest, Aiden/TRW** **Snell, Richard/TRW**
Recipient(s)	**Gottlieb, Peter / / CRWMS, M&0, TRW, Las Vegas - Disposal of Surplus Weapons Plutonium.** **Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member** **Haught, David C. / DOE - OCRWM Office of License Application & Strategy / Engineer** **Daniel, Paul / /** **Thomas, Daniel A. / TRW** **Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/** **Fish, Robert/ MTS - Engineering/** **Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/** **Williams, Dennis/ DOE - OCRWM/** **Barton, Robert/ /** **Lowther, Gayle/TRW**
Author Recipient Relationship	**The authors and recipients are YMP personnel with DOE and DOE's M&O contractor for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should restrict the size of Navy canisters to the size and weight of those for CSNF and defense high level waste.**
Deliberation Explanation	**The document provides the author's recommendations on the referenced topic and a summary of the grounds for those recommendations, for DOE's consideration and decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. Disclosure of the grounds for the author's recommendations would disclose their subjective opinions as to what factors are material to the decision and why. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040611.4934**
LSN Accession No.	**DN2002334921**
Doc Date	**20040129**
Title	**Comments on Draft D_BHastings**
Subject Matter Description	**The document concerns the regulatory treatment of water recycling for purposes of compliance with exposure standards.**
Author(s) Name/Org/Capacity	**Hastings, Bruce / BSC Repository Development - Science Integration / Beckman & Associates (B&A) or (BAA) Senior Scientist II**
Recipient(s)	**Wisenburg, Mark R./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The author and recipient are YMP project personnel who were working on a licensing position paper to present to DOE for decision on the reference topic.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what position DOE should adopt for the licensing proceeding with respect to the inclusion of water recycling in performance analyses for the YM repository.**
Deliberation Explanation	**The document provides the opinions and recommendations of the author on the draft position statement.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any discussion of factual information. It provides the author's views of regulations and standards. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040612.4178**
LSN Accession No.	**DN2002333304**
Doc Date	**20030110**
Title	**Re: Lic Position on PC Reporting**
Subject Matter Description	**The document concerns a draft licensing position on performance confirmation reporting and principles.**
Author(s) Name/Org/Capacity	**Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition**
Recipient(s)	**McDonnell, Mickey / BSC /** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/** **Shapiro, Steve / BSC /** **Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/** **Beckman, Donald/ BSC Repository Development - KTI Completion Team/** **Howard, Robert L./ BSC Repository Development - Conversion/** **Wisenberg, Mark / BSC /** **Pendleton, Martha W./ BSC Repository Development - Conversion/** **Pannell, George/ BSC Repository Development - Design Interface & Integration/** **Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I**
Author Recipient Relationship	**The author and recipients are YMP personnel with responsibility for the subject matter addressed in the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what overall approach DOE should adopt for performance confirmation monitoring and reporting for the construction and operation of the YM repository, for the licensing proceeding.**
Deliberation Explanation	**The document provides the author's opinion of the proposed licensing position and recommendation on its adoption.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALD.20040617.4689**
LSN Accession No.	**DN2002332144**
Doc Date	**200204XX**
Title	**31297**
Subject Matter Description	**Design Evolution Study - Aging Options**
Author(s) Name/Org/Capacity	**McDaniel Jr., Preston W. / BSC Repository Development - Project Engineers / BSC Project Engineer Schwartztrauber, Keith E. / BSC Repository Development - Environmental Scientist/Engineer / BSC Project Engineer Boutin, Robert J. / BSC Repository Development - Repository Design / BSC Project Manager Iyer, M.S. / BSC Repository Development - Repository Design / Cloud, J.D. / BSC Repository Devlopment - Repository Design / Trautner, Larry J. / BSC Repository Development - Conversion / BSC Program Manager Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager**
Recipient(s)	**Pollog, Thomas / DOE - CRWMS / Trautner, Larry J. / BSC Repository Development - Conversion / BSC Program Manager Halliday, Jeff / BSC / Attorney**
Author Recipient Relationship	**The authors are DOE M&O contractor personnel who have responsibility for the document. The recipient is an attorney for the M&O contractor and M&O YMP personnel responsible for the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision relates to what surface and subsurface design DOE should select to accommodate the DOE's fuel aging strategy.**
Deliberation Explanation	**The study sets forth, evaluates, and recommends various aging strategies, that is to be submitted to DOE for its decisionmaking.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document contains no factual section but rather sets out assumptions. It is then discusses and evaluates the options based on the assumptions.**
Doc Type	**DATA DRAWING EMAIL-ATT LIST REPORT**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**ALD.20040617.4861**
LSN Accession No.	**DN2002335980**
Doc Date	**200304XX**
Title	**Alternative Operating Scenarios 4-15-03**
Subject Matter Description	**Repository Alternative Operating Scenarios System Study 4-15-03, Pre-Decisional Study**
Author(s) Name/Org/Capacity	**Gillespie, Scott G. / BSC Repository Development - Systems Engineering & Integration / BSC Principal Engineer I Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission Siefken, David L. / BSC Repository Development - Subcontractor Department / PMC Technologies, Inc. VP, Program Director Bailey, Jack / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist**
Recipient(s)	**Schwartztrauber, Keith E. / BSC Repository Development - Environmental Scientist/Engineer / BSC Project Engineer**
Author Recipient Relationship	**The authors and recipients are DOE M&O contractor personnel who have responsibility for the referenced document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision relates to surface and subsurface design DOE should select to accommodate the DOE's fuel aging strategy.**
Deliberation Explanation	**The study sets forth, evaluates, and recommends various aging strategies, that is to be submitted to DOE for its decisionmaking.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040617.6495**
LSN Accession No.	**DN2002335874**
Doc Date	**20030821**
Title	**barriers-Aug03-Rev0**
Subject Matter Description	**The document concerns the regulatory treatment of barriers important to waste isolation.**
Author(s) Name/Org/Capacity	**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**
Recipient(s)	**Rickertsen, Larry D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I** **Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I** **Goldstein, Barry / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) Environmental Regulatory Compliance** **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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns the adoption of a position by DOE for the licensing proceeding with respect to the meaning of barriers important to waste isolation.**
Deliberation Explanation	**The document was prepared by YMP working on the issue, to help formulate options and a recommendation to be made to DOE for decision. This document presents a regulatory analysis and provides potential options with associated advantages and disadvantages.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual information. It provides a regulatory analysis and potential options permitted by that analysis.**
Doc Type	**DATA** **EMAIL-ATT** **MEETING AID**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALD.20040618.6457**
LSN Accession No.	**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)**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALD.20040621.0308**
LSN Accession No.	**DN2002330814**
Doc Date	**20040223**
Title	**tri_sar_59-rlk022304**
Subject Matter Description	**The document concerns proposed plans to use the GROA for Purposes other than Disposal of Radioactive Wastes**
Author(s) Name/Org/Capacity	**Kelmenson, Ronald L./ BSC Repository Development - Conversion/**
Recipient(s)	**Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager** **Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager** **Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Lydic, Margaret J. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II** **Kell, Patty / BSC /** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead** **Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Deliberation Explanation	**The author is providing opinions and recommendations on the proposed licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040621.0309**
LSN Accession No.	**DN2002337621**
Doc Date	**20030415**
Title	**tri_sar_59**
Subject Matter Description	**The document concerns potential plans for using the GROA for purposes other than the disposal of radioactive wastes.**
Author(s) Name/Org/Capacity	**Kelmenson, Ronald L./ BSC Repository Development - Conversion/**
Recipient(s)	**Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager** **Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager** **Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Engineer I** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Lydic, Margaret J. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II** **Kell, Patty / BSC** **Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead** **Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Deliberation Explanation	**The author provides recommendations and advice on the proposed licensing positions to be taken on the subject matter of the draft LA, and its form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**

Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040621.5617**
LSN Accession No.	**DN2002332664**
Doc Date	**20040223**
Title	**D&E_141_B022304 GLP**
Subject Matter Description	**SAR Chapter 1 - Repository Safety Before Permanent Closure - Electric Power**
Author(s) Name/Org/Capacity	**Pannell, George/ BSC Repository Development - Design Interface & Integration/**
Recipient(s)	**Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst** **Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I** **Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist** **Ferris, David / /** **Rasmussen, David / /** **Acree, Patrick / /** **Keller, Roger L. / BSC Repository Development - Engineering Process / BSC Senior Engineering Specialist** **Shapiro, Steve / BSC /** **Williams, Yvonne / BSC /** **Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALD.20040621.5618**
LSN Accession No.	**DN2002334966**
Doc Date	**20040209**
Title	**D&E_1422_B020204 (LAP Comments)**
Subject Matter Description	**The document is a copy of section 1.4.2.2 of the draft LA, which concerns proposed radiological monitoring, with the author's comments on the draft.**
Author(s) Name/Org/Capacity	**Self, Jerry G./ BSC Repository Development - Conversion/**
Recipient(s)	**Allicock, Milton /BSC** **Green, Doug / BSC** **Minwalla, Homi J./ BSC Repository Development - Conversion/** **Bryan, Martin C/ BSC Repository Development - LA Completion/** **Honaker, Raymond/BSC**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**proposed licensing positions in and form and content of this draft section**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT**

	LIST **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040621.6680**
LSN Accession No.	**DN2002329445**
Doc Date	**20040301**
Title	**0301040624 SW rav IOM Licensing Position Data Qualification R1**
Subject Matter Description	**The document concerns the interpretation of NUREG-1298, which concerns the qualification of existing data used in engineering and scientific studies for the YMP.**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager**
Recipient(s)	**Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager** **Lucas, L. L. / BSC /** **Mason, M. J. / /** **Whitcraft, J.S. / /** **Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I** **Gilman, Lynne / TRW/BSC /** **Higgins, Tom / BSC /** **License Application Integration Group**
Author Recipient Relationship	**The author and recipient are M&O contractor personnel who work on the YMP and who are involved in the development of the proposed licensing position. The document was presented to the License Application Integration Group for decision.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document recommends to DOE, through the License Application Integration Group, a licensing position to adopt with respect to the need to qualify data used in scientific and technical work for the YMP.**
Deliberation Explanation	**The document provides the authors subjective opinions about the meaning of NUREG-1298 and makes a recommended interpretation for DOE's consideration.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides opinions about the meaning of NUREG-1298 and provides subjective opinions only. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040824.1847**
LSN Accession No.	**DN2002331323**
Doc Date	**20040524**
Title	**sar_2.3.4 text 5-23-04_mb**
Subject Matter Description	**Yucca Mountain Repository Safety Analysis Report, Chapter 2: draft section 2.3.4 Repository Safety after Permanent Closure, Table of Contents and Text**
Author(s) Name/Org/Capacity	**Board, Mark P./ BSC Repository Development - Engineering Systems & Disruptive Events Operations/**
Recipient(s)	**Powell, David/ DOE/**
Author Recipient Relationship	**The author and recipient are Yucca Mountain Project personnel who have responsibility for the draft SAR section that is the subject of the author's recommendations and opinions.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and form and content thereof.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of the draft SAR section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040824.2097**
LSN Accession No.	**DN2002330143**
Doc Date	**20040526**
Title	**lr_sar_124_combined**
Subject Matter Description	**Yucca Mountain Repository Safety Analysis Report Chapter 1: draft section 1.2.4 Regulatory Safety Before Permanent Closure, Rev 00 Licensing Review**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**Cole, Norman / DOE - CRWMS /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20040824.2215**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Hardin, Ernest/ BSC Repository Development - Conversion/**
Recipient(s)	**Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer** **Kirstein, Bruce E. / BSC Repository Development - Integration / BSC Principal Engineer I** **Knowles, Kathryn / BSC Repository Development / Sandia National Laboratory (SNL) Integration/Near Field Transport Team/EBS Transport Team Lead** **Webb, Stephen W. / Sandia National Laboratory /** **Reed, A. W. / Sandia National Laboratory /**
Author Recipient Relationship	**Authors and recipients are DOE contractor personnel responsible for the subject draft LA (or SAR) sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the manner in which DOE will describe in the LA a conceptual representation of the convection and condensation processes in the emplacement drifts.**
Deliberation Explanation	**The author is providing his recommendations and opinions on how to structure thise portion of the LA and how to describe the referenced conceptual model.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft to the final version of the LA would reveal DOE's deliberations on this topic, by disclosing what information was previously considered and how the information was previously presented.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALD.20040824.2336**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Crump, Terry / BSC Repository Development / Science Regulatory Integration Group Member**
Recipient(s)	**Edward Gaffney, Edward / / DOE**
Author Recipient Relationship	**The author and recipient are DOE employees and contractors with responsibility for the subject SAR section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALD.20040824.3055**
LSN Accession No.	**DN2002332050**
Doc Date	**20040330**
Title	**lp-035_barriers_its**
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.**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager**
Recipient(s)	**Rickertsen, Larry D. / BSC Repository Development - Total System Performance Assessment Model Design/Analysis / BSC Principal Scientist I** **McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II** **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** **Lucas, L.L. / BSC /** **Mason, M.J. / BSC /** **Whitcraft, J.S. / BSC /** **Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I** **License Application Integration Group**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns: what position DOE should adopt for the licensing proceeding as the barriers important to safety.**
Deliberation Explanation	**The document is a recommended position submitted for decision to DOE's License Application Integration Group. The document provides BSC's recommended position, and BSC's regulatory analysis and other information that suports its recommendation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. It provides a regulatory analysis, and any factual information interlaced in that analysis cannot be segregated from the deliberative portions that would reveal BSC's thought processes and opinions.**
Doc Type	**CORRESPONDENCE** **DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALD.20040824.7500**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Perry, Frank V./ BSC Repository Development - Engineering Systems & Disruptive Events Operations/**
Recipient(s)	**Gaffney, Edward /BSC** **Cline, Mike L./BSC** **Keating, Gordon/BSC** **Whalen, Cheryl L./ BSC Repository Development - Facilities Design/** **Crump, Terry/ BSC Repository Development/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what conceptual model of volcanism DOE should adopt for the LA, and the form and content of the discussion of that model in the LA.**
Deliberation Explanation	**The document provides the author's subjective opinions about the form and content of the discussion of the volcanism model in the draft LA, for ultimate consideration and decision by DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft section with the final version of the LA would reveal DOE's deliberations on the form and content of this section of the LA.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALD.20040824.7906**
LSN Accession No.	**DN2002334850**
Doc Date	**20040703**
Title	**6-28-04 Tech Review Comments-DOE Legal**
Subject Matter Description	**The document concerns the draft section of the draft LA that addresses the identification of variables, conditions or other items that are probable subjects of license specifications.**
Author(s) Name/Org/Capacity	**Webster, Stu/BSC/Senior Licensing Engineer**
Recipient(s)	**Edwards, W. Jeff / Hunton & Williams, LLP / Attorney** **Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney** **Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney** **Bradbury, Robert/ MTS - Licensing/** **Franklin, David/DOE NNPP** **Linhart, James G./ DOE - OCRWM/** **Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/** **Bailey, Jack/ BSC Repository Development - Integration/** **Richardson, Dennis C./ BSC Repository Development - Conversion/** **Cereghino, Stephen J./ BSC Repository Development - Conversion/** **Junio, Stacy S./ BSC Repository Development - Program Health Physicists/** **Weaver, Marshall/ BSC Repository Development - Systems Engineering & Integration/** **Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/** **Foster, Bruce/BSC** **Crawford, Raymond/BSC** **Hutchins, William/ BSC Repository Development - License Application/**
Author Recipient Relationship	**Authors and recipient are DOE employees and contractors, and DOE counsel, responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;**

ACP-discusses attorneys advice

Participant Accession No.	**ALD.20050222.4772**
LSN Accession No.	**DN2002333574**
Doc Date	**19970624**
Title	**9706MDR1**
Subject Matter Description	**The document is minutes from the June 23-24 1997 Management Design Review meeting.**
Author(s) Name/Org/Capacity	**Blink, James / BSC Repository Development - Subcontractor Department / Lawrence Livermore National Laboratory (LLNL) Engineer**
Recipient(s)	**Bailey, Jack/ BSC Repository Development - Integration/ Dulock, Victor / BSC Hayes, Larry / BSC Younker, Jean L./ BSC Repository Development - Chief Science Officer/ Sellers, Mark D./ BSC Repository Development - Conversion/ Snell, Richard/ BSC Repository Development - Performance Assessment/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/**
Author Recipient Relationship	**The author and recipients are DOE M&O contractor personnel who are responsible for the subject matter of the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision relates to the design of the repository.**
Deliberation Explanation	**The document, along with its related documents, captures and memorializes a discussion of a range of issues necessary for consideration in arriving at repository design decisions. The document was part of the process to develop recommendations on design options for the YM repository, for DOE's decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not have a factual section. Disclosure of its contents would reveal issues that were under consideration and factors that were proposed for consideration as part of the decisionmaking development process.**
Doc Type	**DATA EMAIL-ATT MANUAL REPORT**
Other Privilege Types	

Participant Accession No.	**ALD.20050222.4774**
LSN Accession No.	**DN2002468970**
Doc Date	**19970625**
Title	**9706MDR1**
Subject Matter Description	**The document is minutes from the June 23-24 1997 Management Design Review meeting.**
Author(s) Name/Org/Capacity	**Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/**
Recipient(s)	**Bailey, Jack/ BSC Repository Development - Integration/ Dulock, Victor / TRW / Hayes, Larry / USGS & TRW / Sellers, Mark D./ BSC Repository Development - Conversion/ Snell, Richard/ BSC Repository Development - Performance Assessment/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Younker, Jean L./ BSC Repository Development - Chief Science Officer/**
Author Recipient Relationship	**The author and recipients are DOE employees or contractors with licensing-related responsibility for the subject of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision relates to the design of the repository.**
Deliberation Explanation	**The document, along with its related documents, captures and memorializes the in-depth, two-day discussion of a range of issues necessary for consideration in arriving at repository design decisions.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALD.20050222.4776**
LSN Accession No.	**DN2002319525**
Doc Date	**19970625**
Title	**MDRNOTE1**
Subject Matter Description	**The document is a supplement to the minutes from the June 23-24 1997 Management Design Review meeting.**
Author(s) Name/Org/Capacity	**Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/**
Recipient(s)	**Bailey, Jack/ BSC Repository Development - Integration/ Dulock, Victor / BSC Hayes, Larry / BSC Sellers, Mark D./ BSC Repository Development - Conversion/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Younker, Jean L./ BSC Repository Development - Chief Science Officer/ Snell, Richard/ BSC Repository Development - Performance Assessment/**
Author Recipient Relationship	**The author and recipients are DOE M&O contractor personnel who are responsible for the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision relates to the design of the repository.**
Deliberation Explanation	**The document, along with its related documents, captures and memorializes a discussion of a range of issues necessary for consideration in arriving at repository design decisions. The document was part of the process to develop recommendations on design options for the YM repository, for DOE's decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not have a factual section. Disclosure of its contents would reveal issues that were under consideration and factors that were proposed for consideration as part of the decisionmaking development process.**
Doc Type	**EMAIL-ATT MEETING AID**
Other Privilege Types	

Participant Accession No.	**ALD.20050222.4778**
LSN Accession No.	**DN2002302384**
Doc Date	**19970625**
Title	**MDRNOTE2**
Subject Matter Description	**The document is a supplement to the minutes from the June 23-24 1997 Management Design Review meeting.**
Author(s) Name/Org/Capacity	**Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/**
Recipient(s)	**Dulock, Victor / BSC Bailey, Jack/ BSC Repository Development - Integration/ Sellers, Mark D./ BSC Repository Development - Conversion/ Snell, Richard/ BSC Repository Development - Performance Assessment/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Younker, Jean L./ BSC Repository Development - Chief Science Officer/ Hayes, Larry / BSC**
Author Recipient Relationship	**The author and recipients are DOE M&O contractor personnel who are responsible for the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision relates to the design of the repository.**
Deliberation Explanation	**The document, along with its related documents, captures and memorializes a discussion of a range of issues necessary for consideration in arriving at repository design decisions. The document was part of the process to develop recommendations on design options for the YM repository, for DOE's decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not have a factual section. Disclosure of its contents would reveal issues that were under consideration and factors that were proposed for consideration as part of the decisionmaking development process.**
Doc Type	**CORRESPONDENCE EMAIL-ATT MANUAL**
Other Privilege Types	

Participant Accession No.	**ALD.20050222.4780**
LSN Accession No.	**DN2002323095**
Doc Date	**19970625**
Title	**QUESTION**
Subject Matter Description	**The document is a supplement to the minutes from the June 23-24 1997 Management Design Review meeting.**
Author(s) Name/Org/Capacity	**Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/**
Recipient(s)	**Bailey, Jack/ BSC Repository Development - Integration/** **Dulock, Victor /BSC** **Hayes, Larry / BSC** **Sellers, Mark D./ BSC Repository Development - Conversion/** **Snell, Richard/ BSC Repository Development - Performance Assessment/** **Voegele, Michael D./ BSC Repository Development - Chief Science Officer/** **Younker, Jean L./ BSC Repository Development - Chief Science Officer/**
Author Recipient Relationship	**The author and recipients are DOE M&O contractor personnel who are responsible for the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision relates to the design of the repository.**
Deliberation Explanation	**The document, along with its related documents, captures and memorializes a discussion of a range of issues necessary for consideration in arriving at repository design decisions. The document was part of the process to develop recommendations on design options for the YM repository, for DOE's decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not have a factual section. Disclosure of its contents would reveal issues that were under consideration and factors that were proposed for consideration as part of the decisionmaking development process.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALE.20040610.0905**
LSN Accession No.	**DN2002334910**
Doc Date	**19991119**
Title	**clineissues.doc**
Subject Matter Description	**Prioritized Issues Potentially Significant to Site Recommendation**
Author(s) Name/Org/Capacity	**Cline, Mike L. / BSC Repository Development / Los Alamos National Laboratory (LANL) Scientist**
Recipient(s)	**DOE and BSC personnel working on the site recommendation**
Author Recipient Relationship	**The author is a YMP contractor personnel with responsibility for assisting in the preparation and finalization of the site recommendation.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document raises issues and concerns affecting management decisions on establishing priorities for finalization of the site recommendation.**
Deliberation Explanation	**This document contains the author's opinions and recommendations identifying significant issues and concerning actions required to be taken for preparation and finalization of the site recommendation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has not separate factual section. It provides the author's opinions on decisionmaking processes and is a subjective opinion only.**
Doc Type	**EFILE** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALE.20040615.7039**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Rickertsen, Larry D. / BSC Repository Development - Conversion / BSC Principal Scientist I**
Recipient(s)	**Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist** **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** **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** **Swift, Peter N. / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) General Technical Management** **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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision is the barriers on which DOE will rely in assessing whether it meets the EPA's individual protection standard.**
Deliberation Explanation	**The email discusses the requirements of the pertinent regulation as well as the various views on how it should be interpreted in assessing DOE's defense-in-depth.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document contains no factual section or discussion. The email reflects assessment of and debate about the requirements of the NRC regulation and how that will affect compliance with EPA's standard.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALE.20040617.1679**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Gue, Laura / DOE-OCRWM /**
Recipient(s)	**Nakagawa, Ken / /**
Author Recipient Relationship	**The authors and recipients are DOE M&O contract personnel who have responsibility for developing this draft SAR section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positionsas well as the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALE.20040618.5579**
LSN Accession No.	**DN2002336577**
Doc Date	**200204XX**
Title	**31297**
Subject Matter Description	**The document concerns the aging of CSNF received for disposal at the YM repository.**
Author(s) Name/Org/Capacity	**McDaniel Jr., Preston W. / BSC Repository Development - Project Engineers / BSC Project Engineer** **Schwartztrauber, Keith E./ BSC Repository Development - Conversion/**
Recipient(s)	**Trautner, Larry J. / BSC Repository Development - Conversion / BSC Program Manager** **Pollog, Thomas / BSC** **Iyer, M.S. / BSC** **Boutin, Robert J./ BSC Repository Development - Conversion/** **Cloud, J.D. / BSC** **Trautner, Larry J./ BSC Repository Development - Conversion/** **Andrews, Robert W./ BSC Repository Development - Conversion/** **Technical Management Review Board**
Author Recipient Relationship	**The authors are DOE M&O contractor personnel and responsible for development of the subject document. The document was provided to the named BSC employees for review and comment. It was then provided to the Technical Management Review Board for decision.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what strategy DOE should adopt for aging CSNF at the YM repository.**
Deliberation Explanation	**The document provides options for aging CSNF, identifies issues associated with the options, and makes recommendations on how to proceed.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any discussion of existing facts. It concerns potential future options or approaches and provides the authors' opinions about those options. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALE.20040621.0428**
LSN Accession No.	**DN2002330424**
Doc Date	**20040401**
Title	**lr_sar_154_consolidated comments-plinski**
Subject Matter Description	**The document concerns the draft section 1.5.4 of the draft LA, which addresses the proposed waste package fabrication for the YM repository.**
Author(s) Name/Org/Capacity	**Acree, Patrick/BSC**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager** **Jessen, James P. / BSC Repository Development - LA Configuration Control / BSC Senior Engineer** **Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst** **McIlvaine, Jim/ BSC Repository Development - License Application/** **Plinski, Michael/BSC**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section, on what waste package configuration to adopt for the YM repository and how to describe it in the LA, to be submitted to DOE for consideration.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft with the final version of the LA would reveal DOE deliberations on the topic.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALE.20040621.0568**
LSN Accession No.	**DN2002334963**
Doc Date	**20040325**
Title	**tri_sar_58_chris**
Subject Matter Description	**Yucca Mountain Repository Safety Analysis Report, Chapter 5: Administrative and Programmatic Requirements (Section 5.8 Controls to Restrict Access and Regulate Land Uses)**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**Webster, Stuart / BSC /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALE.20040621.6414**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Whetsel, Randy/ BSC Repository Development - License Application/**
Recipient(s)	**Skoblar, Leonard / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I**
Author Recipient Relationship	**The author and recipients are DOE M&O contractor personnel who work on YMP matters.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision anticipated is how to address the identified issues associated with preparation of the LA.**
Deliberation Explanation	**The document reflects the author's judgment regarding and description of anticipated issues associated with licensing, for purposes of framing issues for DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no factual or background section. It is entirely the author's subjective and evaluation judgment regarding the nature and scope of the identified issues.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALE.20050228.1580**
LSN Accession No.	**DN2002468995**
Doc Date	**19991214**
Title	**Dec Mgmt 197**
Subject Matter Description	**The document concerns proposed EPA regulations on individual protection, groundwater protection and human intrusion standard.**
Author(s) Name/Org/Capacity	**Bruno, Thomas/ DOE**
Recipient(s)	**Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/**
Author Recipient Relationship	**The author is a DOE OCRWM official. The recipient is a senior DOE OCRWM official.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what comments DOE should make or other actions to take with respect to the proposed EPA regulations.**
Deliberation Explanation	**The document provides the author's views of the proposed regulations and subjective concerns with those proposed regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not include any discussion of facts. It provides a subjective assessment of draft regulations and subjective opinions and concerns about those draft regulations.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALF.20040615.0790**
LSN Accession No.	**DN2002334915**
Doc Date	**20020711**
Title	**Re: Proposed Licensing Position on Sensitivity Analyses**
Subject Matter Description	**The document concerns post-processing sensitivity analyses on the TSPA-LA results.**
Author(s) Name/Org/Capacity	**Rickertsen, Larry D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I**
Recipient(s)	**Blink, James / BSC Repository Development - Subcontractor Department / LLNL** **Howard, Robert L. / BSC Repository Development - Licensing & Engineering / BSC Project Manager** **Dobson, David / BSC Repository Development - Subcontractor Department /** **Swift, Peter N. / BSC Repository Development - Subcontractor Department /**
Author Recipient Relationship	**The authors and recipients are DOE M&O contractor personnel who worked on the referenced draft licensing position.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should adopt as a licensing position an intent to perform sensitivity analyses on the TSPA-LA not required by regulations.**
Deliberation Explanation	**The document provides the author's opinion on the sufficiency of the reasoning provided in the draft position paper and recommended areas for improvement.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALF.20040615.6311**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Goffi, Richard / / Williams, Dennis/ DOE - OCRWM/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/ Sullivan, Timothy/ DOE/ Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Smistad, Eric/ DOE - OCRWM Office of License Application & Strategy/ Cline, Mike L. / TRW/BSC / Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ Gamble, Robert/ / Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Fomous, John/ DOE/**
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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision relates to inputs to be used in various peak dose calculations**
Deliberation Explanation	**The authors are providing recommendations and opinions regarding various proposed conservatisms to be used and other inputs for peak dose calculations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This email contains no fact section. It discusses alternatives, assumptions, and the authors' recommendations and analyses of the draft position paper.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALF.20040615.6420**
LSN Accession No.	**DN2002333945**
Doc Date	**19980210**
Title	**No Action Alternative**
Subject Matter Description	**The document concerns the methodology for assessing certain effects associated with the no-action alternative under the EIS.**
Author(s) Name/Org/Capacity	**Brownstein, Alan B. / DOE - OCRWM Office of Repository Development /**
Recipient(s)	**Nancy Slater / CRWMS / Richard Goffi / CRWMS / Dixon, Wendy R. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Assistant Manager Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Acting Director**
Author Recipient Relationship	**The author and recipients are senior OCRWM officials with responsibility for the policy decision discussed in the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should change the methodology to be used to assess the effects of abandoned spent nuclear fuel facilities, for purposes of the YM EIS.**
Deliberation Explanation	**The document provides the author's assessment of DOE's proposed methodology and provides the author's recommendation whether it should be changed.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual information. It contains subjective assessments and recommendations. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALF.20040617.3022**
LSN Accession No.	**DN2002335450**
Doc Date	**200304XX**
Title	**Alternative Operating Scenarios 4-15-03**
Subject Matter Description	**The document concerns alternative operating scenario for the YM repository**
Author(s) Name/Org/Capacity	**Cotton, Thomas / BSC Repository Development - Program Integration /** **Gillespie, Scott G. / BSC Repository Development - Waste Management Integration / BSC Principal Engineer I**
Recipient(s)	**Siefken, David L. / BSC Repository Development - Waste Management Integration / PMC Technologies, Inc. Engineering Supervisor** **Bailey, Jack/ BSC Repository Development - Licensing Defense/** **Williams, Nancy H./ BSC Repository Development - Licensing & Nuclear Safety/**
Author Recipient Relationship	**The authors and recipients are DOE M&O contractor personnel who have responsibility for the draft document that is the subject of the authors' recommendations and opinions.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document was prepared to facilitate DOE's assessment of the implications of hypothetical repository operating scenarios and selection of design features that provide design and operational flexibility needed to accommodate alternative operating scenarios for the YM repository.**
Deliberation Explanation	**This document provides a preliminary assessment of the implications of hypothetical repository operating scenarios and offers recommendations and opinions concerning the design and operational flexibility needed to accommodate the scenarios.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.0319**
LSN Accession No.	**DN2002336025**
Doc Date	**19990726**
Title	**proposed OMB change to EPA draft**
Subject Matter Description	**The author's proposed edits to proposed draft EPA standard.**
Author(s) Name/Org/Capacity	**Fomous, John / DOE /**
Recipient(s)	**York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member** **Hanson, Glen T. / BSC Repository Development - Conversion/** **Fehrenback, John** **Maheras, Steven / TRW/SAIC/BSC /** **Bruno, Thomas/ /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for commenting on the proposed change to the EPA draft standard.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Position to be taken on the proposed draft EPA standard.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed draft EPA standard.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no fact sections and reflects entirely the author's recommendation on proposed draft language.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALG.20040615.3010**
LSN Accession No.	**DN2002331187**
Doc Date	**19980311**
Title	**Elgie2-8**
Subject Matter Description	**Draft EPA Radiation Protection Standard for Yucca Mountain**
Author(s) Name/Org/Capacity	**Barrett, Lake H. / DOE - OCRWM Office of External Relations & Policy / Acting Deputy** **Holstein, Elgie/DOE/**
Recipient(s)	**Brocoum, Stephan J / DOE - OCRWM Office of Repository Development / DOE Siting & Facilities Technology Division Acting Director** **Dixon, Wendy R. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Assistant Manager** **Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing.**
Author Recipient Relationship	**The authors and recipients are DOE OCRWM personnel who have responsibility for preparation of the draft document that is the subject of comments.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**DOE positions to be taken on the proposed EPA radiation protection standard for Yucca Mountain that is the subject of this draft document.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed EPA radiation protection standard for Yucca Mountain that is the subject of this draft document.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **MEETING AID** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.3144**
LSN Accession No.	**DN2002333348**
Doc Date	**19981116**
Title	**newomb5**
Subject Matter Description	**DOE Summary: EPA Draft Standard**
Author(s) Name/Org/Capacity	**Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/**
Recipient(s)	**Brocoum, Stephan J / DOE - OCRWM Office of Repository Development / DOE Siting & Facilities Technology Division Acting Director**
Author Recipient Relationship	**The author and recipient are DOE OCRWM officials who have responsibility for developing the DOE position on the draft EPA regulation.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the agencies position that DOE should take with respect to a proposed EPA regulation.**
Deliberation Explanation	**This document contains a discussion of a proposed EPA regulation as it relates to Yucca Mountain and offers recommendations and opinions on the agency position DOE should take with respect to the proposed recommendation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.3189**
LSN Accession No.	**DN2002335810**
Doc Date	**20000524**
Title	**Moniz briefing paper May 2000 rv1**
Subject Matter Description	**The document concerns EPA's proposed groundwater protection rules.**
Author(s) Name/Org/Capacity	**Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / DOE Regulatory Coordination Division Director**
Recipient(s)	**Evans, Deborah /DOE**
Author Recipient Relationship	**The author and recipient are DOE OCRWM officials who have responsibility for developing the DOE position on the draft EPA regulation.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what agency positions DOE should take on the proposed EPA regulation and the what reasons DOE should provide to support is positions before EPA.**
Deliberation Explanation	**The document provides subjective opinions and recommendations about positions DOE should take with the EPA on the proposed rulemaking. The document relates to confidential inter-agency communications on the development of draft regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides an analysis of draft regulations and provides commentary on them regarding DOE's potential positions. Any content would disclose the author's assessment of the regulations and the bases for his opinions. The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT** **MEETING AID**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.5205**
LSN Accession No.	**DN2002469629**
Doc Date	**20030227**
Title	**Waste Stream Parameters draft licensing position(REVA5)**
Subject Matter Description	**The document concerns the rate of receipt and arrival sequence of spent nuclear fuel and other waste forms at the YM repository.**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J./ BSC Repository Development - Conversion/**
Recipient(s)	**License Application Integration Group**
Author Recipient Relationship	**The author is an YMP personnel. The recipients are members of a group formed by DOE to review and adopt licensing positions that impact the license application.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what definition of waste stream parameters DOE should adopt for purposes of repository design and performance assessment.**
Deliberation Explanation	**The document provides the author's recommendationon the referenced topic and the author's opinions about the advantages and impacts of the recommended position.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.5925**
LSN Accession No.	**DN2002337211**
Doc Date	**20040610**
Title	**analysis of 4-18-01 version Part 197**
Subject Matter Description	**Preliminary analysis of 4/18/01 EPA version of Part 197, which reflect EPA's reaction to NRC's markup dated 4/6/01 of the 1/17/01 EPA version, as well as to earlier DOE and OMB comments**
Author(s) Name/Org/Capacity	**DOE contractors**
Recipient(s)	**DOE employees and contractors**
Author Recipient Relationship	**The authors are with DOE contractors and the recipients are DOE employees and contractors.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Positions to be taken on the subject matter of EPA's proposed Part 197**
Deliberation Explanation	**The authors are providing recommendations and opinions on the EPA's proposed Part 197**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.5975**
LSN Accession No.	**DN2002330577**
Doc Date	**19991110**
Title	**TJ comment brief rev2**
Subject Matter Description	**EPA's Proposed Radiation Protection Standards for Yucca Mountain**
Author(s) Name/Org/Capacity	**York, Jim/ Repository Development - Planning & Program Integration/** **Goffi, Richard/ /**
Recipient(s)	**Bruno, Thomas / /** **Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/** **Fomous, John/ DOE/**
Author Recipient Relationship	**The authors are DOE M&O contractor personnel assisting DOE in it's deliberations on the subject regulations. The recipients are DOE personnel working on the topic.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The contemplated decision is what agency position DOE will take on the EPA proposed radiation protection standards.**
Deliberation Explanation	**The document concerns what agency position DOE will take on whether the proposed regulations should be adopted.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Although there are brief statements summarizing the EPA proposed standard, the summary necessarily reflects the author's assessment of and judgment about the importance of the standard. The presentation sets forth the authors' subjective evaluation of the impact of that proposal and proposed actions associated with that proposal. The document was part of DOE's decision making with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6054**
LSN Accession No.	
Doc Date	**19991126**
Title	**Epa197rv**
Subject Matter Description	**The document concerns draft safety standard regulations that EPA had proposed for the YM repository.**
Author(s) Name/Org/Capacity	**Barrett, Lake H./ DOE - OCRWM Office of External Relations & Policy/**
Recipient(s)	**Fehrenbach, Jon //** **Hanson, Glen T. / BSC Repository Development - Licensing & Engineering / BSC Principal Scientist II** **Goffi, Richard / /** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member** **Bruno, Thomas / /**
Author Recipient Relationship	**The authors and recipients are DOE employees or contractors preparing proposed comments on the EPA's proposed radiation protections standards for the repository.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken regarding the EPA's proposed radiation protection standards.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions relating to the EPA's proposed radiation protection standards.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6055**
LSN Accession No.	**DN2002324010**
Doc Date	**19990827**
Title	**NPR - Comment Cover Letter 10 29 99**
Subject Matter Description	**The document concerns draft regulations proposed by EPA for individual and groundwater protection standards applicable to geologic repositories.**
Author(s) Name/Org/Capacity	**Barrett, Lake H./ DOE - OCRWM Office of External Relations & Policy/** **Fomous, John/ DOE/OCRWM**
Recipient(s)	**Clark, Robert W. / DOE - OCRWM / Office of Quality Assurance, Director** **Bruno, Thomas / /** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member** **Goffi, Richard / Booz-Allen Hamilton** **Hanson, Glen T. / BSC Repository Development - Licensing & Engineering / BSC Principal Scientist II** **Fehrenbach, John //**
Author Recipient Relationship	**The authors are DOE OCRWM officials. The recipients are DOE OCRWM officials and DOE OCRWM contractors who assisted the author is preparation of the draft document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns that agency positions DOE should adopt with respect to the draft regulations proposed by EPA.**
Deliberation Explanation	**The document provides the author's recommendations as to what agency positions DOE should adopt with regard to the proposed regulations, including any amendments DOE should make to EPA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual section. It consists solely of recommended agency positions. Also, comparison of the draft document with DOE's final comments would disclose what potential positions DOE had under consideration and what positions it may have considered but rejected.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6060**
LSN Accession No.	**DN2002312253**
Doc Date	**19991029**
Title	**Tab E - BID - 10 29 99**
Subject Matter Description	**The document concerns draft safety standard regulations that EPA had proposed for the YM repository.**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**York, Jim /BSC** **Hanson, Glen T. / BSC** **Fehrenbach, John /DOE** **Goffi, Richard / Booz-Allen Hamilton** **Bruno, Thomas / DOE** **Clark, Robert W./ DOE - OCRWM/**
Author Recipient Relationship	**The author and recipient are DOE officials and DOE contractor personnel who were responsible for preparation of draft comments from DOE to EPA on proposed regulations under 40 CFR 197.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is what positions DOE should adopt with respect to the proposed regulations and what grounds DOE should offer in support of those positions.**
Deliberation Explanation	**The document provides recommended positions and supporting rationales, for ultimate consideration for the DOE secretary.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual section or discussion as such. It consists of recommended agency positions. A comparison of the document with the final version of DOE's comments would reveal DOE's internal deliberations on what positions to take with respect to the draft regulations and what to state in support of those positions. Disclosure also would reveal what positions DOE had under deliberation but rejected.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6120**
LSN Accession No.	**DN2002336082**
Doc Date	**20000330**
Title	**Moniz 197 issues Apr2000**
Subject Matter Description	**Evaluation of Draft Final EPA Radiation Protection Standards for Yucca Mountain**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / DOE Regulatory Coordination Division Director** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member** **Goffi, Richard / /** **Bruno, Thomas / /**
Author Recipient Relationship	**The author is a DOE official responsible for developing DOE's agency positions on the draft regulations. The recipients are other DOE and DOE M&O contractor personnel assisting on that effort.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision and policymaking at issues relates to the proposed proposed EPA groundwater rules and what positions DOE will take on the regulations.**
Deliberation Explanation	**The memorandum evaluates proposed EPA groundwater rules and discusses impacts of EPA's proposed rules on DOE's ability to meet those standards and discusses DOE's position on EPA's proposed rules and contains reasoning behind DOE's position on EPA's rules. The document aids the agency deliberations on proposed EPA rules and what comments DOE will make on them.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document reflects the authors' assessment of the background information set forth. The balance of the document contains proposed DOE positions on aspects of the EPA draft standard. The document was part of DOE's decision making with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6121**
LSN Accession No.	**DN2002322697**
Doc Date	**20000330**
Title	**Moniz talking points Apr2000**
Subject Matter Description	**DOE's position on the Draft EPA Radiation Protection Standards for Yucca Mountain**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / DOE Regulatory Coordination Division Director** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member** **Goffi, Richard / /** **Bruno, Thomas / /**
Author Recipient Relationship	**The author is a DOE official responsible for development of DOE agency positions on the regulations. The recipients are other DOE and DOE M&O contractor personnel assisting in that effort.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision and policy making at issues relates to the proposed proposed EPA groundwater rules.**
Deliberation Explanation	**The memorandum sets out talking points on the proposed EPA groundwater rules and discusses impacts of EPA's proposed rules on DOE's ability to meet those standards. The document is part of DOE's deliberations on what positions DOE will take with EPA regarding the referenced draft regulations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is no factual section of this short, half-page document. It simply reflects the author's recommended talking points. The document was part of DOE's decision making with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6156**
LSN Accession No.	**DN2002337591**
Doc Date	**19991029**
Title	**Tab C - HIS - 10 29 99**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Proposed Human Intrusion Standard**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J/ DOE - OCRWM Office of Repository Development/**
Recipient(s)	**Bruno, Thomas / /** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member** **Goffi, Richard / /** **Hanson, Glen T. / BSC Repository Development - Licensing & Engineering / BSC Principal Scientist II** **Fehrenbach, John / /**
Author Recipient Relationship	**The author and recipients are Yucca Mountain Project personnel who have responsibility for the draft document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document addresses the positions DOE should take regarding proposed EPA regulations affecting YMP.**
Deliberation Explanation	**This document contains recommended comments and positions respecting EPA Questions Proposed Yucca Mountain Human Intrusion Standards.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6157**
LSN Accession No.	**DN2002336235**
Doc Date	**19991029**
Title	**Tab D - Misc - 10 29 99**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Miscellaneous Issues Concerning The Proposed Yucca Mountain Standards**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J/ DOE - OCRWM Office of Repository Development/**
Recipient(s)	**York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member Bruno, Thomas / / Goffi, Richard / / Hanson, Glen T. / BSC Repository Development - Licensing & Engineering / BSC Principal Scientist II Fehrenbach, John / /**
Author Recipient Relationship	**The author and recipients are Yucca Mountain Project personnel who have responsibility for the draft document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document addresses the positions DOE should take regarding proposed EPA regulations affecting YMP.**
Deliberation Explanation	**This document contains recommended comments and positions respecting EPA Questions Regarding Miscellaneous Issues Concerning The Proposed Yucca Mountain Standards**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.6158**
LSN Accession No.	**DN2002332221**
Doc Date	**19991029**
Title	**Tab E - BID - 10 29 99**
Subject Matter Description	**DOE Draft Comments on the Background Information Document for 40 CFR 197**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J/ DOE - OCRWM Office of Repository Development/**
Recipient(s)	**Hanson, Glen T. / BSC Repository Development - Licensing & Engineering / BSC Principal Scientist II York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member Bruno, Thomas / / Goffi, Richard / / Fehrenbach, John / /**
Author Recipient Relationship	**The author and recipients are Yucca Mountain Project personnel who have responsibility for the draft document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document addresses the positions DOE should take regarding proposed EPA regulations affecting YMP.**
Deliberation Explanation	**This document contains recommended comments and positions respecting EPA background information document for 40 CFR 197.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.7417**
LSN Accession No.	**DN2002333965**
Doc Date	**20020429**
Title	**Land withdrawal briefing**
Subject Matter Description	**The document concerns the withdrawal of land for the GROA.**
Author(s) Name/Org/Capacity	**Crawford, Marian J./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/**
Recipient(s)	**Bowlby, Brenda R. / MTS - ES&H/Site Operations / Booze Allen Hamilton (BAH) Associate Wade, Scott A./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/**
Author Recipient Relationship	**The author is a DOE official responsible for the subject matter of the document. The recipients are DOE OCRWM personnel and other Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of the recommendations and analysis on the issues discussed therein.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document contains analysis on DOE's land withdrawal strategy and precedes DOE's actions with respect to land withdrawal.**
Deliberation Explanation	**This document contains the author's analysis of certain sensitivities, including analysis of patented mining claims, regarding the land withdrawal area that is required for the LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.7463**
LSN Accession No.	**DN2002330722**
Doc Date	**20021119**
Title	**Land withdrawal paper.11-14-02**
Subject Matter Description	**This memorandum discusses the issues and sensitivities concerning the YMP proposed land withdrawal.**
Author(s) Name/Org/Capacity	**Crawford, Marian J./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/**
Recipient(s)	**McCann, Edward W. / BSC Repository Development - Environmental Compliance / BSC Regional Environmental Compliance Manager Jacobs, William / DOE-CRWMS / Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/**
Author Recipient Relationship	**The author is a DOE official responsible for development of DOE's approach to the subject matter of the document. The recipients are DOE OCRWM personnel who have responsibility for preparation of the document that is the subject of DOE review.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**Memorandum that evaluates DOE's available land withdrawal options that DOE may pursue. Memorandum assesses requirements that DOE must meet and potential issues that DOE would confront in exercising land withdrawal. This is the type of information that DOE relies upon in making a decision on land withdrawal.**
Deliberation Explanation	**This document reflects the author's opinions on the issues confronted by DOE regarding the proposed land withdrawal. It contains recommendations of positions that DOE should take before the NRC.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040615.8094**
LSN Accession No.	**DN2002470678**
Doc Date	**20040610**
Title	**WP Surf Environ Strategy 1c**
Subject Matter Description	**Proposed Waste Package Surface Environment Strategy**
Author(s) Name/Org/Capacity	**Farmer, Joseph C. / BSC Repository Development - Engineered System / Lawrence Livermore National Laboratory (LLNL) Engineer**
Recipient(s)	**Doering, Thomas / BSC Repository Development - Engineered System / Manager** **Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects** **Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager** **Kohler, Martha / Lawrence Livermore National Laboratory (LLNL)** **Clower, Jr., Curtis A. / DOE - OCRWM Office of Repository Development / Operations & Start-Up Engineering Associate Project Engineer** **Helton, Jon / Sandia National Laboratory /**
Author Recipient Relationship	**The author and recipients are Yucca Mountain Project personnel who have responsibility for the subjects that are addressed by the proposals in the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document proposes and recommends a strategy for demonstrating that the waste package environment will not undergo unacceptable levels of corrosion.**
Deliberation Explanation	**The documents contains the author's recommendations and opinions on the strategy that ought to be adopted.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **DATA** **EMAIL-ATT** **PHOTOGRAPH** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040617.0964**
LSN Accession No.	**DN2002332131**
Doc Date	**20021016**
Title	**trcd_sar_533(jgs)CLL-LTSa**
Subject Matter Description	**trcd_sar_533(jgs)CLL-LTSa, Yucca Mountain Repository Safety Analysis Report, Chapter 5: Administrative and Programmatic Requirements - Section 5.3.3, Rev. 00, Draft B Team Review Concurrence Draft**
Author(s) Name/Org/Capacity	**Skoblar, Leonard / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I**
Recipient(s)	**Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist** **Self, Jerry G. / BSC Repository Development - Mechanical Engineers / BSC Senior Engineering Specialist** **Kell, Patty / BSC /** **Beckman, Donald / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager** **Pannell, George / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I** **Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager** **Lugo, Candace L. / BSC Repository Development - Geologists / BSC Principal Scientist II**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040617.1203**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Skoblar, Leonard/ BSC Repository Development - Design Interface & Integration/**
Recipient(s)	**Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I** **Wisenburg, Mark R./ BSC Repository Development - Conversion/** **Hutchins, William/ BSC Repository Development - License Application/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is what bases to use for selecting the characteristics of CSNF from which information can be derived in support of repository design and license application.**
Deliberation Explanation	**This document provides the author's subjective and evaluative opinions of the draft document. It provides the reasons for adopting a position on the issue and recommended bases for making a decision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein cannot be separated from the comments and opinions of the author.** **The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALG.20040617.5262**
LSN Accession No.	**DN2002301773**
Doc Date	**19961024**
Title	**Is a High Thermal Load Licensable?**
Subject Matter Description	**The subject matter of the email and attached document is the author's position paper addressing whether a high thermal load is licensable.**
Author(s) Name/Org/Capacity	**Saterlie, Steven / BSC /**
Recipient(s)	**Datta, Robin / BSC /** **Bailey, Jack/ BSC Repository Development - Integration/** **Memory, Richard / BSC /** **Wagner, Richard / BSC /** **Thomson, Brent / BSC /** **Balady, Mark / BSC /** **Nelson, Stephen / BSC /** **Sevougian, David/ BSC Repository Development - Management & Operations/** **Scott, Michael L./ BSC Repository Development - Management & Operations/** **Dulock, Victor/ BSC /** **Sellers, Mark D./ BSC Repository Development - Conversion/** **Bodnar, Steve / BSC /** **Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/** **Peters, Mark/ BSC Repository Development - Engineered System/**
Author Recipient Relationship	**The authors and recipients are DOE M&O contractor personnel responsible for the subject matter of the documents.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision is whether to proceed with plans for and work on a "hot" repository design for the YM repository.**
Deliberation Explanation	**The email and attached draft memorandum position paper considers and advocates regarding the licensability of a high thermal load. The document is part of DOE's decision making as to what design to select for the YM repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The email contains no factual background section and reflects the author's evaluation and opinion. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALG.20040618.1742**
LSN Accession No.	**DN2002336953**
Doc Date	**20040115**
Title	**D&E 1422_review**
Subject Matter Description	**Draft SAR section 1.4.2.2_review, Chapter 1**
Author(s) Name/Org/Capacity	**McDonnell, Thomas / BSC /**
Recipient(s)	**Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20040618.1763**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**McDonnell, Thomas/BSC**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is what strategy to adopt for the management of non-radiological waste at the YM repository, and how to structure the discussion of that topic in the draft LA.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any discussion of facts as such. It concerns a potential waste management strategy that was under consideration. Comparison of the draft to the final LA would reveal DOE's deliberations on the topic, with respect to what information to include and what changes to make in the proposed strategy.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALG.20040618.6263**
LSN Accession No.	**DN2002334358**
Doc Date	**20000728**
Title	**DOE SNF Issues**
Subject Matter Description	**The document concerns the development of a strategy regarding the storage of SNF at the YM repository.**
Author(s) Name/Org/Capacity	**Slater, Nancy/ DOE /**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Murray, Robert / MTS - Licensing / Booze Allen Hamilton (BAH) Manager** **Gomberg, Steve/ DOE - OCRWM Office of Waste Management/** **Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/**
Author Recipient Relationship	**The author is a DOE official responsible for**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This memorandum discusses and identifies four issues for DOE to decide in order to develop a licensing strategy for storing spent nuclear fuel at the repository. The issues include the qualification of data, approaches for canisters, and the type of information needed prior to storage at the repository.**
Deliberation Explanation	**The author identifies and discusses issues related to the project's licensing strategy for storing spent nuclear fuel at the repository, including the qualification of data, approaches for canisters, and the type of information needed prior to storage at the repository. The discussion of these issues presents the author's opinion on matters of licensing strategy and reflect the give-and-take that occurs within the project on issues related to the storage of SNF at the repository.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALG.20050208.1355**
LSN Accession No.	**DN2002469980**
Doc Date	**19990208**
Title	**YDAR No. 20372/White Papers Re: Defense in Depth**
Subject Matter Description	**The document concerns two draft papers that discusses whether DOE should undertake a multi-barrier evaluation to establish the YM repository's compliance with performance standards.**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Andrews, Robert W. / BSC Repository Development - Conversion / BSC Senior Project Manager** **Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/** **Weber, Ellyn / Innovations /** **Rickertsen, Larry D./ BSC Repository Development - Conversion/** **Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/** **Williams, Dennis/ DOE - OCRWM/** **Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/** **Dove, Harvey/ BSC Repository Development - Science & Analysis/** **Gil, April V./ DOE - OCRWM Office of Repository Development/** **Dockery, Holly** **Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/** **Richardson, Dennis C./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The author is a YMP project member. The recipients are YMP managers with responsibility for development of the draft white papers discussed in the email.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns a potential recommendation for DOE to adopt a multi-barrier approach for demonstrating compliance with YM performance standards.**
Deliberation Explanation	**The document provides the author's assessment of what NRC regulations require and his subjective opinions on the desirability of the potential recommended approach set forth in the draft white papers. The document was provided to enable responsible managers whether to proceed with the approach described in the draft white papers.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any segregable factual information. It provides the author's assessment of regulations and subjective opinions on the referenced subject matter.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALH.20040612.3054**
LSN Accession No.	**DN2002331877**
Doc Date	**20020719**
Title	**Review of LP on Testing**
Subject Matter Description	**Comments on Draft Licensing Position on the YM Project's Testing Programs.**
Author(s) Name/Org/Capacity	**Lindner, Ernest N. / BSC Repository Development - Systems Engineering & Integration / BSC Senior Engineering Specialist**
Recipient(s)	**Monib, Ahmed M. / BSC Repository Development - Mechanical Engineers / BSC Engineer** **Howard, Robert L. / BSC Repository Development - Licensing & Engineering / BSC Project Manager** **Goldstein, Barry / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) Environmental Regulatory Compliance** **Duguid, James O. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyist**
Author Recipient Relationship	**The author and recipients are YMP contractor personnel with responsibility for the draft licensing position as to which the author has provided his opinions and recommendations.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The draft licensing position is intended to update the performance confirmation plan to ensure that it complies with 10 CFR Part 63 and the YMRP and to that end the author has provided his opinions and recommendations concerning the draft document.**
Deliberation Explanation	**The document provides the author's opinions and recommendations concerning what positions DOE should adopt regarding performance certification plans to satisfy 10 CFR pt 63.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**DATA** **EMAIL-ATT** **LIST**
Other Privilege Types	

Participant Accession No.	**ALH.20040615.2878**
LSN Accession No.	**DN2002334547**
Doc Date	**20010702**
Title	**TIDs on HLW canisters**
Subject Matter Description	**RW's proposed requirement for application of Tamper Indicating Devices (TID) on HLW Canisters**
Author(s) Name/Org/Capacity	**Daugherty, Maurice / DOE/EM /**
Recipient(s)	**Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / DOE Security Specialist** **Chacey, Ken/ DOE - Office of Environmental Management/** **Koutsandreas, Denis / DOE/EM /** **Grisham, Kriss / DOE /** **Ferris, Yvonne** **Gunn, Lee / DOE /** **Slater, Nancy / DOE /**
Author Recipient Relationship	**The document author and recipient are YMP personnel responsible for the subject document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The potential decision relates to requirements in the Waste Acceptance System Requirements Document.**
Deliberation Explanation	**The documents evaluates applicable regulations and provides RW recommendation on requirements based upon its analysis.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Although there are references in this short one-page document to NRC regulations, such references are coupled with the author's evaluation of that regulation as it relates to a proposed requirement for application of TIDs on non-welded HLW canisters. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**

Other Privilege Types	

Participant Accession No.	**ALH.20040615.2960**
LSN Accession No.	**DN2002332628**
Doc Date	**200112XX**
Title	**Immediate EPA**
Subject Matter Description	**The subject matter of the document is the finalization of EPA's draft of its radiation protection rule.**
Author(s) Name/Org/Capacity	**Barrett, Lake H. / DOE - OCRWM Office of External Relations & Policy /**
Recipient(s)	**Garrish, Theadore J. / DOE - OCRWM Office of Strategy and Program Development /**
Author Recipient Relationship	**Author and recipient are DOE employees attempting to ensure DOE's compliance with regulatory framework in time for scheduled site recommendation.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**DOE's position to be taken on separate groundwater standard in proposed EPA rule.**
Deliberation Explanation	**The author is analyzing possible options regarding DOE's position on the separate groundwater standard in the proposed EPA rule.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALH.20040615.3136**
LSN Accession No.	**DN2002334920**
Doc Date	**20040606**
Title	**analysis of 4-18-01 version Part 197 rev4**
Subject Matter Description	**The document concerns potential DOE agency positions on proposed rulemaking by EPA under the Part 197 regulations.**
Author(s) Name/Org/Capacity	**York, Jim/ BSC Repository Development - Planning & Program Integration/**
Recipient(s)	**Slater, Nancy/BSC** **Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/** **Fomous, John/ DOE/** **Lee, Maria/BSC** **Siefken, David L./ BSC Repository Development - Program Integration/** **Martin, Kathleen O./ DOE - Office of General Counsel (OGC)/**
Author Recipient Relationship	**The author is an DOE M&O contractor personnel. The document was sent to an DOE OCRWM official (Brownstein) who was responsible for developing DOE's agency position with regard to the referenced rulemaking. The document was copied to DOE officials and counsel, and other M&O personnel, who were assisting in that effort as well.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what position should DOE as official agency position in response to regulations that EPA proposed under Part 197.**
Deliberation Explanation	**The document provides the author's subjective opinions on possible agency positions on rulemaking, that were submitted to DOE for consideration.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual section. The document provides proposed agency positions, and disclosure of the document's contents would reveal potential agency positions on rulemaking that were under consideration. Comparison of the document with final DOE positions would reveal potential positions that were under consideration in the formulation of the ultimate agency decision.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALH.20040615.3642**
LSN Accession No.	**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**
Author(s) Name/Org/Capacity	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney**
Recipient(s)	**Salmon, David A. / BSC Repository Development - Geologists / BSC Senior Science Specialist** **Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst** **Hastings, Bruce / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Senior Scientist II** **Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney** **Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney** **Hellstrom, George / 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft TBD and in response to the NRC KTI.**
Deliberation Explanation	**The authors are providing recommendations, opinions, and legal advice regarding the draft TBD and its sufficiency to respond to the NRC KTI.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no factual section. To the extent that there is factual information referenced, it cannot be redacted because it is interwoven with the recommendations, opinions, and legal analysis of the reviewing attorney.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (FACT);** **LWP-prepared by attorney (OPINION)**

Participant Accession No.	**ALH.20040615.9447**
LSN Accession No.	**DN2002331492**
Doc Date	**19991117**
Title	**Tab B - GPS - 11 16 99**
Subject Matter Description	**DOE Draft Comments & Responses to EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS")**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J/ DOE - OCRWM Office of Repository Development/**
Recipient(s)	**Ziegler, Joseph/DOE OCRWM/Licensing Director** **Goffi, Richard / Booz Allen Hamilton /** **Bruno, Thomas / DOE-CRWMS /** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft comments and responses.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document proposes positions DOE should take in response to EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS")**
Deliberation Explanation	**The document contains recommended positions and comment respecting EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS")**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALH.20040617.2083**
LSN Accession No.	**DN2002331743**
Doc Date	**19961016**
Title	**HIGHTL**
Subject Matter Description	**The subject matter of the email and attached document is the author's position paper addressing whether a high thermal load is licensable.**
Author(s) Name/Org/Capacity	**Saterlie, Steven**
Recipient(s)	**Datta, Robin// Memory, Richard / TRW / Bailey, Jack/ BSC Repository Development - Integration/ Balady, Mark / TRW/BSC / Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/ Bodnar, Steve Dulock, Victor / TRW / Nelson, Stephen / TRW / Peters, Mark/ BSC Repository Development - Engineered System/ Scott, Michael L./ BSC Repository Development - Management & Operations/ Sellers, Mark D./ BSC Repository Development - Conversion/ Sevougian, David/ BSC Repository Development - Management & Operations/ Thomson, Brent Wagner, Richard / BSC /**
Author Recipient Relationship	**The author and recipients are DOE YMP personnel responsible for assisting DOE in selection of a repository design.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision is whether DOE should select a "hot" repository design for operation of the YM repository.**
Deliberation Explanation	**The email and attached draft memorandum position paper considers and advocates regarding the licensability of a high thermal load.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The memorandum contains no factual background section and reflects the author's evaluation and opinion. The author's selection of or reference to factual information necessarily reflects his judgment and evaluation of the factual information and its importance to his advanced argument and therefore cannot be revealed without revealing privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALH.20040617.2429**
LSN Accession No.	**DN2002331750**
Doc Date	**20031022**
Title	**SS_FP_Draft_SAR1.4.3**
Subject Matter Description	**The document concerns the draft section 1.4.3 of the draft LA, which addresses a proposed subsurface fire protection system for the YM repository.**
Author(s) Name/Org/Capacity	**Logan, Richard/BSC**
Recipient(s)	**Kubicek, John / DOE-OCRWM**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA DRAWING EMAIL-ATT LIST MAP REPORT**
Other Privilege Types	

Participant Accession No.	**ALH.20040617.5861**
LSN Accession No.	**DN2002337101**
Doc Date	**20000912**
Title	**SNFissues09-12**
Subject Matter Description	**This paper addresses the licensing strategy for DOE SNF.**
Author(s) Name/Org/Capacity	**Stambaugh, Roberta / SNL /**
Recipient(s)	**Whetsel, R. / BSC Repository Development - Site Recommendation / Comment Summary Document Team Member Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/ Clark, Robert W./ DOE - OCRWM/ Scott, Michael L./ BSC Repository Development - Management & Operations/ Slater, Nancy/ BSC / Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Murthy, Beesabathuni S./ DOE - OCRWM Office of Quality Assurance/ Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Zabransky, Dave K./ DOE - OCRWM/ Vlahakis, John/ DOE/ Popa, Markus A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Bruno, Thomas/ / Burgoyne, Robert/ MTS - Transportation/ Beckman, Donald/ BSC Repository Development - KTI Completion Team/ Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/ Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Pollog, Thomas / RW/DOE / Vance, Scott / TRW/JAI / Clouet, John / TRW / Draffin, Cyril / TRW / Evans, Deborah Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Gomberg, Steve/ DOE - OCRWM Office of Waste Management/ Sweeney, Timothy / BSC / Senderling, Mark S./ DOE - OCRWM Office of Acquisition Strategy/ Howard, Robert L./ BSC Repository Development - Conversion/ Carlson, James/ DOE - OCRWM/ Bailey, Jack/ BSC Repository Development - Integration/**
Author Recipient Relationship	**The author and recipients are SNL personnel and DOE personnel who work on the YMP who were tasked to perform the requested analysis.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is part of the decision-making process regarding the form of and licensing strategy for DOE SNF.**
Deliberation Explanation	**This document provides the basis for discussion relating to making a decision regarding the form of and licensing strategy for DOE SNF.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its contents would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALH.20040617.9111**
LSN Accession No.	**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."**
Author(s) Name/Org/Capacity	**Draffin, Cyril / TRW /**
Recipient(s)	**Morissette, Richard /DOE/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Burgoyne, Robert/ MTS - Transportation/ Bruno, Thomas/ / Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/ Slater, Nancy / DOE/RW / Sweeney, Timothy / BSC / Clouet, John / TRW / Vlahakis, John/ DOE/ Carlson, James/ DOE - OCRWM/ 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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The immediate decision is what comments to incorporate into the draft white paper, and the ultimate decision and subject of the white paper relates to the strategy for utilizing DOE SNF in the YM repository in light of existing data regarding such fuel.**
Deliberation Explanation	**The comments reflect the author's assessment of the draft white paper and their recommendations for its revision.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is no factual section. The email text presents broad-level comments and issues for resolution. Comparison of the comments in this email to the final version of the white paper would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALH.20040618.6604**
LSN Accession No.	**DEN001564432**
Doc Date	**20020821**
Title	**Thermal**
Subject Matter Description	**The document concerns a strategy for selecting between an hot and cold repository operating design.**
Author(s) Name/Org/Capacity	**Williams, Dennis / DOE - OCRWM /**
Recipient(s)	**Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/**
Author Recipient Relationship	**The author and recipient are DOE OCRWM officials.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns DOE's process for choosing between a hot or cold operating design for the YM repository.**
Deliberation Explanation	**The email and its attachment provide the author's subjective opinions about a proposed strategy contained in a white paper, as well as recommendations about alterative strategies DOE could consider.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no factual discussion. It contains only the author's opinion on the referenced topic. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALH.20040618.9332**
LSN Accession No.	**DN2002332478**
Doc Date	**20020816**
Title	**Thermal Operating Mode Issues Aug 16 4 pm**
Subject Matter Description	**This is the attachment to the 8/21/2002 email of Dennis Williams to Jeff Williams.**
Author(s) Name/Org/Capacity	**Williams, Dennis/ DOE - OCRWM/**
Recipient(s)	**Williams, Jeffrey R. / DOE - OCRWM Office of National Transportation / Acting Director**
Author Recipient Relationship	**The author recipient are both DOE OCRWM officials.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what strategy DOE should adopt with respect to a hot or cold repository.**
Deliberation Explanation	**The document provides the author's opinions about a white paper on the referenced topic and makes recommendations about options for processes to help DOE make a decision about which approach to adopt.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. It provides the author's subjective opinions and any statements made in conjunction with that discussion would reveal the author's opinions. The memo also discusses options for future activities, which is not a discussion of facts.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALI.20040612.4807**
LSN Accession No.	**DN2002333347**
Doc Date	**20020319**
Title	**Evaluation Final**
Subject Matter Description	**Design Evaluation Study Recommendations**
Author(s) Name/Org/Capacity	**Rowe, Gene W. / BSC Repository Development - Feasibility & Support / BSC Principal Engineer I**
Recipient(s)	**Mcann, Pamela / BSC /** **Cereghino, Stephen J./ BSC Repository Development - Conversion/** **OCRWM officials**
Author Recipient Relationship	**The author works for Steve Cereghino at BSC, DOE's M&O contractor for the YMP. He prepared a presentation for Cereghino to give recommendations to DOE. The author provided a copy of the presentation to Pamela Mcann to give to Cereghino.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns decisions for respository design implementations, to provide DOE policy makers with maximum flexibility to make future decisions on the schedule for emplacement of waste at the YM repository.**
Deliberation Explanation	**The document provides various recommendations on the layout of the repository and transportation options, to provide flexibility to respond to resource constrains in the future.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **FINANCIAL STATEMENT** **LIST** **MAP** **MEETING AID**
Other Privilege Types	

Participant Accession No.	**ALI.20040612.6583**
LSN Accession No.	**DN2002330919**
Doc Date	**20020506**
Title	**Design Eval Recommendations EIR 5-6-02**
Subject Matter Description	**Design evolution and implementation study results**
Author(s) Name/Org/Capacity	**Rowe, Gene W. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Engineer I**
Recipient(s)	**Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Pederson, Gordon / BSC Repository Development - Repository Design / Repository Design Project Deputy**
Author Recipient Relationship	**The author and recipients are YMP personnel responsible for advising DOE on the subject strategy.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns decisions for respository design implementations, to provide DOE policy makers with maximum flexibility to make future decisions on the schedule for emplacement of waste at the YM repository.**
Deliberation Explanation	**The document sets forth assumed scenarios and presents options for proceeding with LA design in the assumed scenarios.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains assumptions, options, and discussion of those options and potential contingencies. It represents contingency planning and contains no factual section. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **MAP** **MEETING AID**
Other Privilege Types	

Participant Accession No.	**ALI.20040612.6724**
LSN Accession No.	**DN2002330981**
Doc Date	**20040606**
Title	**(text)Draft SAR Section 2 Surface Soils changes 9-25-03gjs**
Subject Matter Description	**The document is a draft of section 2.1.1.2 and 2.1.1.3 of the draft LA, which is a proposed discussion of the barriers at YM, including their features and functions.**
Author(s) Name/Org/Capacity	**Saulnier, George / BSC**
Recipient(s)	**Rickertsen, Larry D. / BSC Repository Development - Performance Assessment Strategy and Scope / BSC Principal Scientist I** **Dobson, David/ BSC Repository Development - License Application/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALI.20040612.6725**
LSN Accession No.	**DN2002333255**
Doc Date	**20030905**
Title	**2-1-2-4 Waste Package-gjs--ldr changesREV9-2**
Subject Matter Description	**The document is a copy of the draft section 2.1.2.4 of the draft LA, which concerns a proposed waste package for use at the YM repository, with comments from David Dobson and Larry Rickertson.**
Author(s) Name/Org/Capacity	**Saulnier, George / BSC**
Recipient(s)	**Rickertsen, Larry D. / BSC Repository Development - Performance Assessment Strategy and Scope / BSC Principal Scientist I** **Dobson, David/ BSC Repository Development - License Application/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALI.20040612.6995**
LSN Accession No.	**DN2002335462**
Doc Date	**20040606**
Title	**Sect-2-1-2-8 UZ below the WP-gjs**
Subject Matter Description	**Comments on draft Multiple Barrier Sections of the Safety Analysis Report**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Recipient(s)	**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**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on draft Multiple Barrier Sections of the SAR and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of these draft sections.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALI.20040615.1005**
LSN Accession No.	**DN2002334158**
Doc Date	**20000106**
Title	**Groundwater Travel Time Strategy**
Subject Matter Description	**The document concerns possible strategies for the development of a groundwater travel time position in light of proposed amendments to 10 CFR 960.**
Author(s) Name/Org/Capacity	**Cline, Mike L./ BSC /**
Recipient(s)	**Doe, Tom /DOE/**
Author Recipient Relationship	**The author is a DOE M&O contractor personnel for the YMP. The recipient is a DOE OCRWM personnel.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns what strategy DOE should adopt for developing a licensing position on groundwater travel times under proposed amendments.**
Deliberation Explanation	**The document provides the author's subjective opinions on regulatory requirements and recommends potential steps DOE could follow to develop a licensing position.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual or background section. Any discussion of facts is interspersed as part of the deliberative and subjective analysis. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALI.20040617.3328**
LSN Accession No.	**DN2002338009**
Doc Date	**19980717**
Title	**Va1com**
Subject Matter Description	**This document conveys counsel's comments on the draft of Volume 1 of the Viability Assessment**
Author(s) Name/Org/Capacity	**Rives, Susan / DOE - Office of General Counsel (OGC) / Attorney**
Recipient(s)	**Sullivan, Timothy / DOE / Brookhaven National Labortories** **Brodeur, Mary/ DOE-OCRWM** **Summerson, Jane R./ DOE - OCRWM Office of Acquisition Strategy/** **King, Jerry L./ BSC Repository Development - Conversion/**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document was a part of DOE's process in developing the viability assessment. It contains recommended changes and comments on the draft document that DOE eventually finalized.**
Deliberation Explanation	**This document contains legal counsel's analysis and recommendations concerning Volume 1 of the Viability Assessment. It contains counsel's opinions and the bases for why counsel is recommending that the positions in this draft, as well as the form and content of it, be modified or changed.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**ACP-attorney to client;** **LWP-prepared by attorney (OPINION);** **LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION)**

Participant Accession No.	**ALI.20040617.6184**
LSN Accession No.	**DN2002329745**
Doc Date	**20011015**
Title	**Comments on PORB Position Paper**
Subject Matter Description	**Qualification of data used on the YMP.**
Author(s) Name/Org/Capacity	**Eshleman, Michael / DOE-OCRWM /**
Recipient(s)	**Boone, Alesia /DOE/** **Wooley, Jake /DOE/** **Schrecongost, Jill /DOE/**
Author Recipient Relationship	**The author and recipients are DOE officials who have responsibility for the draft document that is the subject of the author's recommendations and opinions.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The draft document as to which the author has provided his recommendations and opinions proposes for DOE approval a revised prioritization of verification/qualification/validation of data, software, and models.**
Deliberation Explanation	**This documents sets forth the author's recommendations and opinions concerning the position proposed in the subject draft document.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**CORRESPONDENCE** **EMAIL-ATT** **LIST**
Other Privilege Types	

Participant Accession No.	**ALI.20040617.6338**
LSN Accession No.	**DN2002332887**
Doc Date	**20000714**
Title	**DOESNF3**
Subject Matter Description	**The document concerns a strategy for inclusion of DOE SNF in the YM repository.**
Author(s) Name/Org/Capacity	**Draffin, Cyril / TRW /**
Recipient(s)	**Morissette, Richard /DOE/** **Vlahakis, John/ DOE/** **Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/** **Gunter, Timothy/ DOE - OCRWM Office of Repository Development/** **Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/** **Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/** **Broccoum, Steve** **Clark, Robert W./ DOE - OCRWM/** **Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/** **Pollog, Thomas / RW/DOE /** **Sweeney, Timothy / BSC /** **Bailey, Jack/ BSC Repository Development - Integration/** **Clouet, John / TRW /** **Draffin, Cyril / TRW /** **Scott, Michael L./ BSC Repository Development - Management & Operations/** **Bruno, Thomas/ BAH/MTS/** **Burgoyne, Robert/ MTS - Transportation/** **Carlson, James/ DOE - OCRWM/** **Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/** **Slater, Nancy / DOE/RW /** **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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The immediate decision is what comments to incorporate into the draft white paper, and the ultimate decision and subject of the white paper relates to the strategy for utilizing DOE SNF in the YM repository.**
Deliberation Explanation	**The comments reflect the assessment of OCRWM officials on the draft white paper and their recommendations for its revision.**

Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is not factual section. The document contains cross-references to the draft with the authors' comments and questions thereon. In addition, comparison of this draft with the final version of the subject document would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALJ.20040612.2136**
LSN Accession No.	**DN2002337867**
Doc Date	**20040113**
Title	**D&E_1235_A122403**
Subject Matter Description	**The document is a draft of section 1.2.3.5 of the draft LA, which addresses the design of the HVAC system to serve the Cask and Waste Package Receipt Building.**
Author(s) Name/Org/Capacity	**Gould, Gregory/BSC**
Recipient(s)	**Banea, Francis /BSC** **Surjit, Singh /BSC**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft and the final LA would disclose DOE deliberations on the referenced subject matter. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **DRAWING** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALJ.20040612.2492**
LSN Accession No.	**DN2002469504**
Doc Date	**20030505**
Title	**Waste Stream Parameters licensing position--Final**
Subject Matter Description	**The document concerns selection of assumed rates of receipt and sequence of arrival of CSNF and other waste forms at the YM repository.**
Author(s) Name/Org/Capacity	**Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I**
Recipient(s)	**Orrell, Andrew / BSC Repository Development - Management Systems / Sandia National Laboratory (SNL) Lab Lead**
Author Recipient Relationship	**The author and recipient are two YMP personnel involved in development of the proposed licensing position paper for DOE.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what position DOE should adopt for licensing proceeding regarding the assumed rate of receipt and arrival sequence for CSNF and waste at the YM repository.**
Deliberation Explanation	**The document was prepared to present the issue to DOE for decision. The document identifies the need for a licensing position, analyses potentially impacted by the decision, and recommendations and opinions on parameters that could be selected.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	

Participant Accession No.	**ALK.20040612.7366**
LSN Accession No.	**DN2002335851**
Doc Date	**20030710**
Title	**Backup of SAR_SEC_5-3-1 (draft g)**
Subject Matter Description	**The document is a draft of section 5.3.1 that reflects a proposed organizational structure for DOE with respect to the YMP.**
Author(s) Name/Org/Capacity	**Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager** **Self, Jerry G./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what type of organization structure DOE should adopt for the YMP.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion. It addresses a proposed organizational structure.**
Doc Type	**EMAIL-ATT** **LIST** **MANUAL**
Other Privilege Types	

Participant Accession No.	**ALK.20040612.8412**
LSN Accession No.	**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).**
Author(s) Name/Org/Capacity	**Self, Jerry G./ BSC Repository Development - Conversion/**
Recipient(s)	**Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist** **Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates Program Manager** **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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document addresses the positions that should be taken by DOE in the SAR respecting startup of the repository (SAR section 5.5).**
Deliberation Explanation	**The document provides the authors' recommendations and opinions concerning the positions that should be taken in the draft SAR section and the form that the draft section should take.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALL.20040612.8848**
LSN Accession No.	**DN2002335196**
Doc Date	**20030626**
Title	**trd_sar_511_wMCB&DKcomments**
Subject Matter Description	**SAR 5.11 Operational Radiation Protection Program**
Author(s) Name/Org/Capacity	**McIlvaine, Jim/ BSC Repository Development - License Application/**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	**LWP-other (FACT); LWP-other (OPINION)**

Participant Accession No.	**ALL.20040612.9972**
LSN Accession No.	**DN2002333258**
Doc Date	**20040606**
Title	**EISCH3 Affected Environment**
Subject Matter Description	**The document concerns the draft Chapter 3 of the SEIS- Affected Environment, Rev 0E.**
Author(s) Name/Org/Capacity	**Kimmel, Richard/DOE Idaho Skipper, Kenneth/ DOE Idaho**
Recipient(s)	**Fogdall, Bonnie C. / BSC Repository Development - Conversion / BSC Senior Environmental Specialist Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/**
Author Recipient Relationship	**The authors are officials with the DOE Idaho field office. The recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of the authors' recommendations.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what approach DOE should adopt in the draft SEIS chapter under NEPA requirements.**
Deliberation Explanation	**The document provides the author's subjective views of NEPA requirements and provides recommendations of how DOE should structure the referenced draft chapter of the SEIS.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides subjective analyses of regulatory requirements and provides the author's subjective views about those requirements. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT FORM LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALL.20040617.3216**
LSN Accession No.	**DN2002333483**
Doc Date	**20030110**
Title	**trd_gi_4_clean_RLK2**
Subject Matter Description	**The subject matter of the document is YMP LA GI Section 4: Material Control and Accounting, and comments on same.**
Author(s) Name/Org/Capacity	**Kelmenson, Ronald L. / BSC Repository Development - Mechanical Engineers / BSC Senior Engineering Specialist**
Recipient(s)	**Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager** **Ruffin, Steve R. / BSC Repository Development / Program Integration Safeguards and Security Lead** **Saraka, Larry / BSC Repository Development - Subcontractor Department / PMC Technologies, Inc. Senior Program Director**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft LA sections.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALL.20040617.3252**
LSN Accession No.	**DN2002334693**
Doc Date	**20030306**
Title	**trd_gi_4b**
Subject Matter Description	**The document is a draft of the LA section 4 that concerns a material control and accounting program to meet the requirements of 10 CFR 63.21(b)(4) and 10 CFR 63.78.**
Author(s) Name/Org/Capacity	**Kemelson, Ronald/BSC**
Recipient(s)	**Saraka, Larry / BSC Repository Development / PMC Technologies, Inc. Senior Program Director** **Ruffin, Steve R. / BSC Repository Development / Program Integration Safeguards and Security Lead** **Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what should be the features of a material control and accounting program for the YMP sufficient to meet regulatory requirements, as well as the form and content of the manner it should be described in the LA.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALL.20040617.4965**
LSN Accession No.	**DN2002470032**
Doc Date	**19990203**
Title	**YDAR No. 20372/White Papers Re: Defense in Depth**
Subject Matter Description	**YDAR No. 20372/White Papers Re: Defense in Depth**
Author(s) Name/Org/Capacity	**Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer /**
Recipient(s)	**Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Engineering & Field Operations, Lead** **Haught, David C. / DOE - OCRWM Office of License Application & Strategy / Engineer** **Spence, Dick / DOE/RW /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for positions taken by DOE in the licensing proceedings.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision involves the position taken by the DOE regarding Postclosure Repository Defense in Depth Design Bases and the Viability Assessment Reference System and the Postclosure Defense in Depth Evaluation.**
Deliberation Explanation	**The author is providing his recommendation and opinion as to YDAR No. 20372 for Deliverable Acceptance Review.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its contents would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALM.20040612.1361**
LSN Accession No.	**DN2002334526**
Doc Date	**19991117**
Title	**Tab A - IPS - 11 16 99**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Proposed Individual Protection Protection Standard ("IPS")**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Goffi, Richard / Booz Allen Hamilton /** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.**
Deliberation Explanation	**The document contains recommendations and opinions on comments and positions respecting EPA Questions Regarding Proposed Individual Protection Standard ("IPS")**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALM.20040612.1362**
LSN Accession No.	**DN2002331165**
Doc Date	**19991117**
Title	**Tab B - GPS - 11 16 99**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS")**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Goffi, Richard / Booz Allen Hamilton /** **York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.**
Deliberation Explanation	**The document contains recommendations and opinions on comments and positions respecting EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS")**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALM.20040612.1363**
LSN Accession No.	**DN2002332569**
Doc Date	**19991117**
Title	**Tab C - HIS - 11 16 99**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Proposed Human Intrusion Standard ("HIS")**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**York, Jim** **Goffi, Richard / bah.com**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.**
Deliberation Explanation	**The document contains recommendations and opinions on comments and positions respecting EPA Questions Regarding Proposed Human Intrusion Standard ("HIS")**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALM.20040612.1364**
LSN Accession No.	**DN2002301877**
Doc Date	**19991117**
Title	**Tab D - Misc - 11 16 99**
Subject Matter Description	**DOE Draft Comments and Responses to EPA Questions Regarding Miscellaneous Issues Concerning The Proposed Yucca Mountain Standards**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Goffi, Richard / Booz Allen Hamilton / York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.**
Deliberation Explanation	**The document contains recommendations and opinions on comments and positions respecting EPA Questions Regarding Miscellaneous Issues Concerning the Proposed YM Standards**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALM.20040612.1365**
LSN Accession No.	**DN2002337182**
Doc Date	**19991117**
Title	**Tab E - BID - 11 16 99**
Subject Matter Description	**DOE Draft Comments on the Background Information Document for 40 CFR 197**
Author(s) Name/Org/Capacity	**Fomous, John/ DOE/**
Recipient(s)	**Goffi, Richard / Booz Allen Hamilton / York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.**
Deliberation Explanation	**The document contains recommendations and opinions on comments and positions respecting EPA Background Information Document for 40 CFR 197**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALM.20040612.8185**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**MTS**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Email: Dan_Kane@ymp.gov; telephone: 702-794-5511 Postclosure and License Acquisition Division Nuclear Engineer** **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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The MTS authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALM.20040617.1014**
LSN Accession No.	**DN2002331150**
Doc Date	**20040607**
Title	**S2-1-2-2text(a)-gjs**
Subject Matter Description	**SAFETY ANALYSIS REPORT - MULTIPLE BARRIER SECTIONS, 2.1.2 Description of the Capability of Identified Barriers**
Author(s) Name/Org/Capacity	**Saulnier, George / BSC /**
Recipient(s)	**Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Monib, Ahmed M. / BSC Repository Development - Mechanical Engineers / BSC Senior Engineer** **Goldstein, Barry / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) Environmental Regulatory Compliance**
Author Recipient Relationship	**Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALN.20040612.1188**
LSN Accession No.	**DN2002336079**
Doc Date	**20030624**
Title	**Re: Draft Licensing Positions**
Subject Matter Description	**The document concerns two draft licensing positions on the preclosure period duration and objectives of the performance confirmation.**
Author(s) Name/Org/Capacity	**Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering /**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III** **Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Murray, Robert / MTS - Licensing Application and Strategy / Booze Allen Hamilton (BAH) Manager** **Iorii, Vince / /** **Ziegler, Joseph/DOE OCRWM/Licensing Director**
Author Recipient Relationship	**The author is a DOE OCRWM official. The recipients are other YMP personnel who work on the subject matter addressed in the draft licensing positions.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what positions DOE should adopt for purposes of the licensing proceeding on the length of the preclosure period and objectives for the performance confirmation plan.**
Deliberation Explanation	**The document provides the author's subjective opinions on the recommended length of the pre-closure period.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides an opinion based on regulatory interpretation. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALN.20040612.1514**
LSN Accession No.	**DN2002329889**
Doc Date	**20031209**
Title	**Re: 300 years closure**
Subject Matter Description	**The document concerns what position DOE should adopt for the preclosure period for modeling and analysis purposes, for purposes of a Science & Technology RFP.**
Author(s) Name/Org/Capacity	**Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/**
Recipient(s)	**Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/** **Ziegler, Joseph/DOE OCRWM/Licensing Director** **Boyle, William J/ DOE - OCRWM Office of Repository Development/** **Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/** **Iorii, Vince** **Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/** **Gomberg, Steve/ DOE - OCRWM Office of Waste Management/** **Kiess, Thomas** **Budnitz, Robert J./ /** **Peters, Mark/ BSC Repository Development - Engineered System/**
Author Recipient Relationship	**The author is an DOE OCRWM official. The recipients are DOE and other YMP personnel.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what position DOE should adopt regarding the YM repository's preclosure period, for use in an RFP that DOE planned to issue.**
Deliberation Explanation	**The document provides the author's opinions and recommendations on what design duration should be included in the RFP.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not contain any factual discussion. It contains the author's opinions only.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALN.20040617.0348**
LSN Accession No.	**DN2002337587**
Doc Date	**200304XX**
Title	**Alternative Operating Scenarios 4-15-03**
Subject Matter Description	**The document concerns the results of a system analysis of a set of hypothetical repository operating scenarios.**
Author(s) Name/Org/Capacity	**Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission** **Gillespie, Scott G. / BSC Repository Development - Systems Engineering & Integration / BSC Principal Engineer I**
Recipient(s)	**Brown, Neil R. / BSC Repository Development - Metallurgical Engineers / BSC Senior Engineering Specialist** **Linden, Christine L. / BSC Repository Development - Tunneling Engineers / BSC Senior Engineer** **DOE OCRWM Management** **Spence, Robert/BSC** **Adams, Pamela/ BSC Repository Development - Event Cat & Rel Analyses/** **Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/** **Traubman, Larry/BSC** **Cereghino, Stephen J./ BSC Repository Development - Conversion/** **Andrews, Robert W./ BSC Repository Development - Conversion/** **Bailey, Jack/ BSC Repository Development - Integration/** **Skidoway, Dean/BSC** **Rowe, Gene W./ BSC Repository Development - CM-Construction Management/** **Sethi, Surendra/ BSC Repository Development - Engineering Process/** **Pernisi, Denise A./ BSC Repository Development - Management Administrative Support/** **Cloud, Jack/BSC** **Richardson, Dennis C./ BSC Repository Development - Conversion/** **Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/** **Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/** **Gardiner, James T./ BSC Repository Development - Mechanical Engineers/** **Iorii, Vince/BSC** **Basamoniwiccz, Frank/BSC** **Obie, Valerie/BSC** **Siefkin, David/BSC** **Gillespie, Scott G./ BSC Repository Development - Conversion/**
Author Recipient Relationship	**The authors are personnel with DOE's M&O contractor who were tasked by DOE to prepare the subject document. The document was provided to DOE OCRWM management for consideration. The other named recipients are other M&O personnel who worked on the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the selection by DOE of a repository operating scenario.**
Deliberation Explanation	**The document provides preliminary assessments of the implications of various hypothetical repository operating scenarios, to give insight to DOE regarding the design and operating flexibility that would be needed to accommodate the scenarios. The document provides the views of DOE's M&O contractor on the hypothetical alternatives.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual section. It provides assessments of hypothetical scenarios based on sets of assumptions. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALN.20040617.2942**
LSN Accession No.	**DN2002331350**
Doc Date	**20010306**
Title	**Re: Uninvited comments from MCT: RE RSS document summary review**
Subject Matter Description	**The document concerns a draft revised Repository Safety Strategy document.**
Author(s) Name/Org/Capacity	**Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Schreiner, Russell / / 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 / Richardson, Dennis C. / BSC Repository Development - Preclosure Safety Analyses / BSC Project Engineer Hanson, Glen T. / BSC Repository Development - Licensing & Engineering / BSC Principal Scientist II Wisenburg, Mark R. / BSC Repository Development - Licensing & Analysis / BSC Senior Principal Engineer Murray, Robert / MTS - Licensing Application and Strategy / Booze Allen Hamilton (BAH) Manager Sweeney, Timothy / BSC / Murray, Robert/ MTS - Licensing Application and Strategy/ Boyle, William J/ DOE - OCRWM Office of Repository Development/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/**
Author Recipient Relationship	**The author is an OCRWM official. The recipients are, variously, DOE and DOE M&O contractor personnel with responsibility for development of the referenced draft document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether and how DOE should revise the Repository Safety Strategy, in order to define objectives for the license application and strategies to achieve those objectives.**
Deliberation Explanation	**The document contains the text of a draft potential revision of the Repository Safety Strategy document and provides the author's subjective opinions about the form and content of the document, and his recommendations for the uses of the document.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual information. It contains a draft of a revision to the RSS and the author's subjective opinions about the form and function of the RSS. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALN.20040617.8069**
LSN Accession No.	**DN2002329268**
Doc Date	**20010109**
Title	**Respcmn2**
Subject Matter Description	**S. Hanauer has provided his comments and suggested changes for DOE's response to a Technical Review Board letter dated 9/20/00.**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H. / DOE - OCRWM Office of License Application & Strategy / Lead**
Recipient(s)	**Slater, Nancy / DOE/RW / Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Pendleton, Martha W./ BSC Repository Development - Conversion/ Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Boyle, William J/ DOE - OCRWM Office of Repository Development/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/ Cline, Mike L./ BSC Repository Development - Disruptive Events/ Goffi, Richard/ /**
Author Recipient Relationship	**The author and the recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of the author's recommendations and opinions..**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This document relates to the decisions on what positions ought to be taken in response to the TRB letter. Because it relates to a draft response to the TRB letter, the document is pre-decisional.**
Deliberation Explanation	**This document provides the author's recommendations and opinions on the positions that should be taken in response to the TRB letter.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT REPORT**
Other Privilege Types	

Participant Accession No.	**ALO.20040612.5206**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**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/**
Recipient(s)	**Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing.** **Lester, David / SNL/Jason /** **Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/** **Mellington, Suzanne P./ DOE - OCRWM Offcie of Business Support and Resource Management/** **Spence, Dick / DOE/RW /** **Dixon, Paul R./ BSC Repository Development - Performance Assessment/** **Skipper, Kenneth/ BSC Repository Development - U.S. Geological Survey Yucca Mtn Project Branch/** **Wikjord, Alf/ DOE/** **Eslinger, Paul** **Royer, Dennis / DOE/RW West /** **Smistad, Eric/ DOE - OCRWM Office of License Application & Strategy/** **Andrews, Robert W./ BSC Repository Development/** **Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/**
Author Recipient Relationship	**The authors are two DOE OCRWM officials. The recipients are other DOE OCRWM officials and DOE MTO contractor personnel with responsibility for assisting DOE prepared responses on the proposed peak dose regulations.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision relates to the time period to be used in the SAR, the LA, and EIS for calculating the compliance dose.**
Deliberation Explanation	**The email focuses on and advocates the merits of one of two particular proposed alternatives and the rationale supporting it.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The email discussion contains no segregable factual discussion or background. Its contents reflect advocacy and judgment regarding the proposed approaches and handling of work while awaiting a decision.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALO.20040617.1468**
LSN Accession No.	**DN2002469271**
Doc Date	**20001213**
Title	**Thoughts and documents on Op. Mode decision process**
Subject Matter Description	**The document concerns a draft position paper on the selection of a process for DOE to decide between a "hot" or "cold" repository design.**
Author(s) Name/Org/Capacity	**Jenni, Karen**
Recipient(s)	**Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis/** **Boyle, William J/ DOE - OCRWM Office of Repository Development/** **Cotton, Thomas/ BSC Repository Development - Program Integration/** **Falls, Kevin** **Coppersmith, Kevin/**
Author Recipient Relationship	**The author is a YMP contractor personnel. The recipients are DOE and YMP contractor personnel who have responsibility for assisting DOE develop a position on the referenced subject matter.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what process DOE should adopt to make a decision between a "hot" or "cold" repository design.**
Deliberation Explanation	**The document provides the author's subjective views and opinions on the referenced draft position paper, and makes recommendations for changes to the draft.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate fact or background section. The document relates the author's opinions, and any facts interwoven in the discussion of those opinions would reveal the author's opinions.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALQ.20040612.1780**
LSN Accession No.	**DN2002330379**
Doc Date	**20031001**
Title	**Re: SAR development: technical basis, NRC acceptance criteria**
Subject Matter Description	**The document concerns the use of Technical Basis Documents as citations in the SAR.**
Author(s) Name/Org/Capacity	**Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist**
Recipient(s)	**Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy /** **Newbury, Claudia M. / DOE - OCRWM Office of Repository Development /** **Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy /**
Author Recipient Relationship	**The author and recipients are senior OCRWM officials with responsibility for development of the license application.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should cite Technical Basis Documents as support in the Safety Analysis Report.**
Deliberation Explanation	**The document provides the author's subjective opinions and recommendations on the topic, as well as the opinions and views of Claudia Newberry in response.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides the author's subjective views on the use of Technical Basis Documents as citations. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALQ.20040617.3669**
LSN Accession No.	**DN2002337364**
Doc Date	**200304XX**
Title	**Alternative Operating Scenarios 4-15-03**
Subject Matter Description	**The document concerns the result of a system study that analyzed a set of hypothetical repository operating scenarios.**
Author(s) Name/Org/Capacity	**Gillespie, Scott G. / BSC Repository Development - Systems Engineering & Integration / BSC Principal Engineer I** **Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission** **Siefken, David L./ BSC Repository Development - Program Integration/** **Bailey, Jack/ BSC Repository Development - Integration/** **Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/**
Recipient(s)	**OCRWM senior officials**
Author Recipient Relationship	**The authors are employees with the DOE M&O contractor for YMP. The document was prepared for senior DOE officials with OCRWM.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns DOE's evaluation and consideration of alternative operating scenarios for the YM repository to provide insight into the design and operational flexibility that would be needed to accommodate the scenarios.**
Deliberation Explanation	**The document provides a set of proposed alternatives, and evaluations and recommendations concerning them.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not discuss existing facts. It describes hypothetical operating conditions and identifies issues that each poses. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALR.20040612.2089**
LSN Accession No.	**DN2002331865**
Doc Date	**20001004**
Title	**issue paper with line numbers**
Subject Matter Description	**The document concerns a draft position paper on the extent of DOE SNF information that should be designated as data and treated under the QARD requirements.**
Author(s) Name/Org/Capacity	**DOE NNPP**
Recipient(s)	**Clark, Robert W. / DOE - OCRWM / Office of Quality Assurance, Director Weber, Carl / DOE/OQA / Senderling, Mark S. / DOE - OCRWM Office of Acquisition Strategy / Acquisition Strategy Specialist Zabransky, Dave K. / DOE - OCRWM / Waste Acceptance & Transportation Division, Acting Director; Nuclear Utility Specialist Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Gunter, Timothy / DOE - OCRWM Office of Repository Development / Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Price, Joe C. / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Division Team Member Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member Sweeney, Timothy / BSC / Burgoyne, Robert / MTS - Transportation / Booze Allen Hamilton (BAH) Transportation Engineer (Regulatory) Slater, Nancy / DOE /**
Author Recipient Relationship	**The author is the DOE Naval Nuclear Propulsion Program. The recipients are DOE and YMP contractor personnel working on development of the draft position paper that is the subject of NNPP's comments.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what licensing position DOE should adopt regarding the extent of SNF information that should be subject to the QARD.**
Deliberation Explanation	**The document provides the NNPP's opinions and recommendations on the draft position paper, with recommendation actions that DOE could take to develop a strategy or process for resolution of the issue.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual section or similar fact discussion. It provides the organizational opinions of the NNPP to help inform development of the draft white paper and ultimately DOE's decision making. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALR.20040612.2223**
LSN Accession No.	**DN2002312694**
Doc Date	**20001004**
Title	**issue paper comments 10-4**
Subject Matter Description	**NSNFP COMMENTS on draft DOE SNF Licensing and Certification White Paper**
Author(s) Name/Org/Capacity	**Slater, Nancy / DOE /**
Recipient(s)	**Gomberg, Steve / DOE - OCRWM Office of Waste Management /**
Author Recipient Relationship	**The author and the recipient are DOE OCRWM personnel who have responsibility for the draft document that is the subject of the reviewer's recommendations and opinions.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The draft white paper as to which the reviewers provided their opinions and recommendations addressed the position that should be taken by DOE with respect to qualification of SNF data.**
Deliberation Explanation	**This document sets forth the reviewers' opinions and recommendations on the positions taken in the draft white paper.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document contains no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT LIST REPORT**
Other Privilege Types	

Participant Accession No.	**ALR.20040612.2305**
LSN Accession No.	**DN2002330549**
Doc Date	**20000714**
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.**
Author(s) Name/Org/Capacity	**Slater, Nancy/DOE OCRWM**
Recipient(s)	**Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer** **Bruno, Thomas/ /** **Carlson, James/ DOE - OCRWM/** **Clark, Robert W./ DOE - OCRWM/** **Pollog, Thomas / RW/DOE /** **Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/** **Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/** **Zabransky, Dave K./ DOE - OCRWM/** **Gunter, Timothy/ DOE - OCRWM Office of Repository Development/** **Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/** **Broccoum, Steve** **Sweeney, Tim** **Burgoyne, Robert/ MTS - Transportation/** **Bailey, Jack/ BSC Repository Development - Integration/** **Clouet, John / TRW /**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft strategy paper.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The immediate decision is to provide views on the draft strategy paper to effectuate changes to the proposed strategy, which ultimately concerns a proposed decision by DOE as to what strategy to adopt relative to licensing the repository to accept DOE spent nuclear fuel.**
Deliberation Explanation	**The draft document presents the issues, describes how the proposed strategy will solve the problem, and identifies the decisionmaking process relative to implementing that strategy.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it contains no factual section. Rather, it contains the authors' evaluative comments of a draft document prepared to advance the decisionmaking process.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALR.20040617.9870**
LSN Accession No.	**DN2002334957**
Doc Date	**20001107**
Title	**Re: PORB Paper for 30 years of aging**
Subject Matter Description	**The document concerns a proposed position paper on the length of staging for fuel assemblies at the YM repository.**
Author(s) Name/Org/Capacity	**Cotton, Thomas / BSC Repository Development - Program Integration /**
Recipient(s)	**Dulin, Robert / TRW /** **Skorska, Maria B. / BSC Repository Development - Project Engineers / BSC Senior Engineering Specialist** **Morton, Lee / BSC Repository Development - Environmental, Safety & Health / NEPA Strategy and Support Team Lead**
Author Recipient Relationship	**The authors and recipients are various managers for the DOE M&O contractor for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns a decision on how a proposed 30 year aging period for fuel assemblies should be interpreted.**
Deliberation Explanation	**The document provides the author's recommendation on the proposed interpretation and his subjective opinions for that recommendation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It provides the author's recommendation and opinions with no separate discussion of facts. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALS.20040617.9713**
LSN Accession No.	**DN2002333474**
Doc Date	**19961209**
Title	**SHHCOM**
Subject Matter Description	**(1) criticality evaluations; (2) probability of criticality events; (3) conservatism; and (4) contingency planning.**
Author(s) Name/Org/Capacity	**Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development /**
Author Recipient Relationship	**The author and recipient are two DOE OCRWM officials.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This memorandum provides comments and recommendations on four issue papers that the M&O contractor has not yet presented to DOE for its consideration.**
Deliberation Explanation	**S. Hanauer provides his comments and recommendations on four issues to be provided to DOE for its consideration: (1) criticality evaluations; (2) probability of criticality events; (3) conservatism; and (4) contingency planning. This documents presents the personal opinions and views of the author and does not reflect the DOE's position on these issues.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	

Participant Accession No.	**ALU.20040617.8433**
LSN Accession No.	**DN2002325520**
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**
Author(s) Name/Org/Capacity	**Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/**
Recipient(s)	**Cushey, Mark / DOE - CRWMS /** **Tsang, Yvonne / DOE - CRWMS /** **Simmons, Ardyth / BSC Repository Development - Integration / Los Alamos National Laboratory (LANL) Analyst/Modeler, Scientific** **Wang, Joe / BSC Repository Development / Lawrence Berkeley National Laboratory (LBNL) Preclosure Design Integration Team Member** **Weber, Ellyn / Innovations /** **Boyle, William J/ DOE - OCRWM Office of Repository Development/** **Rickertsen, Larry D./ BSC Repository Development - Conversion/** **Richardson, Dennis C./ BSC Repository Development - Conversion/** **Andrews, Robert W./ BSC Repository Development - Conversion/** **Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/** **Patterson, Russ / DOE/RW /** **Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/** **Sullivan, Mary Anne/ DOE - Office of General Counsel (OGC)/** **Craw, Richard** **Mukhopadhyay, Bimal / SNL /** **Benton, Hugh/ DOE - OCRWM Office of Waste Management/** **Nutt, Mark/ Golder Associates/** **Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/** **Hoxie, Dwight/ BSC Repository Development/** **Hayes, Larry / USGS & TRW /** **Wilkjord, Alf / TRW/AECL /** **Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis/** **Gil, April V./ DOE - OCRWM Office of Repository Development/** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/** **Fish, Robert/ MTS - Engineering/** **Cline, Mike L./ BSC /** **George, Stephen / BSC /** **Henning, Roger J./ BSC Repository Development - AMR Completion/** **Wemheuer, Robert / TRW /** **Peters, Mark/ BSC Repository Development - Engineered System/** **Dobson, David/ BSC Repository Development - License Application/** **King, Jerry L./ BSC Repository Development - Conversion/** **Hanlon, Carol/ DOE - OCRWM Office of License Application & Strategy/** **Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/** **Voegele, Michael D./ BSC Repository Development - Chief Science Officer/** **Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/** **Bovardsson, Bo / LLNL /**

	Eddebbarh, Al / SNL / **Lum, Clinton C./ BSC Repository Development - Engineered System/** **Wilder, L** **Oberlander, Phil** **Scott, Michael L./ BSC Repository Development - Management & Operations/** **Hayes, Larry / USGS & TRW /**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The anticipated decision relates to the prioritization of work for the Site Recommendation and the License Application.**
Deliberation Explanation	**The document discusses and evaluates factors affecting the prioritization of work for the SR and LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document contains no factual information section, such that any factual information is interwoven with the discussion and evaluation of the proposed work reprioritization.**
Doc Type	**DATA** **EMAIL-ATT** **LIST** **REPORT**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALZ.20040617.1851**
LSN Accession No.	**DN2002331798**
Doc Date	**20030604**
Title	**Re: J. King Memo of 6/02 "First Cut - Licensing Position"**
Subject Matter Description	**The document concerns a draft licensing position on the limiting event for seismic analysis.**
Author(s) Name/Org/Capacity	**King, Jerry L. / BSC Repository Development - Site Recommendation / BSC Project Manager**
Recipient(s)	**Savino, John / DOE- OCRWM /** **Pernisi, Richard /DOE- OCRWM/** **Stepp, Carl / BSC /** **Pendleton, Martha W. / BSC Repository Development - Geologists / BSC Principal Engineer I** **Coppersmith, K. / / Coppersmith Consulting (2000-present)** **Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager** **Quittmeyer, Richard C. / BSC Repository Development / Integrated Science Solutions, Inc. (ISSI) Principal Scientist** **Lindner, Ernest N. / BSC Repository Development - Systems Engineering & Integration /** **Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist** **Coleman, Drew H. / DOE - OCRWM Office of Facility Operations /** **Richardson, Dennis C. / BSC Repository Development - Project Engineers / BSC Project Engineer** **Orvis, Douglas D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist**
Author Recipient Relationship	**The author and recipients are YMP personnel with responsibility for the subject matter of the draft position paper discussed in the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what position DOE should adopt for the licensing proceeding with respect to the regulatory intent of 10 CFR 63.102(f) regarding the limits for seismic initiating events.**
Deliberation Explanation	**The document provides a draft licensing position on the referenced topic and provides the author's opinions and recommendations concerning edits.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual discussion. It discusses a draft discussion of regulatory requirements. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL**
Other Privilege Types	

Participant Accession No.	**ALZ.20040617.2818**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**King, Jerry L. / BSC Repository Development - Site Recommendation / BSC Project Manager**
Recipient(s)	**Richardson, Dennis C. / BSC Repository Development - Project Engineers / BSC Project Engineer** **Orvis, Douglas D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist** **Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist** **Savino, John / MTS/BAH /** **Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist** **Pernisi, Richard / BSC /** **Lindner, Ernest N. / BSC Repository Development - Systems Engineering & Integration / BSC Senior Engineering Specialist** **Coppersmith, K. / / Coppersmith Consulting, probabilistic seismic hazard analysis** **Pendleton, Martha W. / BSC Repository Development - Geologists / BSC Principal Engineer I** **Quittmeyer, Richard C. / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist**
Author Recipient Relationship	**The author and recipients are DOE and DOE MTO contractor personnel who work on the YMP and have responsibility for preparation of the subject document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The expected decision relates to selection of initiating events for the preclosure safety analysis.**
Deliberation Explanation	**The document evaluates the regulatory language governing consideration of initiating events for the preclosure safety analysis as well as the probability of seismic initiating events and the impact of both on repository design.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is no factual section to this email. Rather, the author's analysis and evaluation are interwoven through the email discussion.**
Doc Type	**EMAIL**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**DOC.20031006.0002**
LSN Accession No.	**DN2002468864**
Doc Date	**20030829**
Title	**ANALYSIS OF ALTERNATIVE WASTE FORMS: PHASE 2 REPORT, PRE-DECISIONAL STUDY, TDR-CRW-MD-000004, REVISION 00 (C)**
Subject Matter Description	**ANALYSIS OF ALTERNATIVE WASTE FORMS: PHASE 2 REPORT, PRE-DECISIONAL STUDY, TDR-CRW-MD-000004, REVISION 00 (C). This is a systems study of waste forms for possible disposal at YM.**
Author(s) Name/Org/Capacity	**LOLCAMA, J / N/A /** **MORISSETTE, R / N/A /** **SENGER, R / N/A /** **STARMER, J / N/A /** **TAYLOR, L / N/A /** **Siefken, David L. / BSC Repository Development - Subcontractor Department / PMC Technologies, Inc. VP, Program Director** **Loo, Henry H. / BSC Repository Development - Total System Performance Assessment /Idaho National Engineering** **Duguid, James O. / BSC Repository Development - Subcontractor Department / (JKRA) Principal** **Ruffin, Steve R. / BSC Repository Development /Program Integration Safeguards** **Schmid, Stephen / BSC Repository Development - Transportation /** **Williams, Nancy H. / BSC Repository Development - Licensing & Engineering /Manager of Projects**
Recipient(s)	**Doe ORD**
Author Recipient Relationship	**The authors and recipients are personnel working at the YMP with responsibility for evaluating waste forms for potential disposal at YM.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information includes an analysis of different waste forms for possible disposal at YM.**
Deliberation Explanation	**The deliberation focuses on the different forms of waste that may be included for disposal at YM and the impact that has regarding the final design of the project.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**HQO.19900321.0070**
LSN Accession No.	**DN2002470435**
Doc Date	**19890802**
Title	**APPROVAL OF RESPONSE TO SENATOR BRYAN'S LETTER OF JULY 18, 1989**
Subject Matter Description	**The memorandum concerns a proposed response to Senator Bryan regarding concerns over the potential vulcanism at the Yucca Mountain site and a recommendation for interim dry storage at reactor sites.**
Author(s) Name/Org/Capacity	**Rousso, Samuel / DOE OCRWM / Acting Director**
Recipient(s)	**Secretary of Energy**
Author Recipient Relationship	**The author and recipient are officials in the management of DOE with responsibility for the subject matter addressed in the document.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what position DOE should take in response to an U.S. Senator's queries regarding vulcanism and interim on-site storage.**
Deliberation Explanation	**The document is deliberative because it proposes a position with respect to the subjects of the Senator's query and provides the author's opinions why the Secretary should approve that position.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It contains a statement of a proposed position and the author's opinion of why the position should be approved.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**MOL.19970917.0205**
LSN Accession No.	**DN2002333697**
Doc Date	**19900807**
Title	**WHITE PAPER ON WATER WAIVERS**
Subject Matter Description	**Memorandum considering request related to exclusion of interstitial water from crane hook weight limits for rail/barge shipping casks**
Author(s) Name/Org/Capacity	**Henry, Ken / INEEL / DOE**
Recipient(s)	**Fisher, Margaret / DOE /** **Sandwina, Ron / DOE /**
Author Recipient Relationship	**The author and recipients are DOE officials writing on the referenced position paper.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision is whether to grant request of cask design contractors to meet the utility crane hook weight limit of 100 tons with an assumption that interstitial water with the cask is removed prior to lifting the cask from the spent fuel loading pool.**
Deliberation Explanation	**The memorandum discusses the advantages and disadvantages of granting the requested water waiver and other factors impacting the decision and makes recommendations on what position DOE should adopt.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The memorandum does not contain a statement of facts. Rather, the memorandum is almost entirely the analysis of the author of the advantages, disadvantages, and other impacts on granting the requested water waiver. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**MOL.19991117.0121**
LSN Accession No.	**DN2002334374**
Doc Date	**19990602**
Title	**PROJECT OPERATIONS REVIEW BOARD (PORB) MINUTES, ACTIONS AND ATTACHMENTS ON JUNE 2, 1999 (C)**
Subject Matter Description	**This packet contains records regarding issues for PORB consideration, including the criteria for determining the level of design needed to support construction authorization and related supporting documentation and necessary work force levels.**
Author(s) Name/Org/Capacity	**Royer, Dennis / DOE/RW West /** **Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Acting Director** **Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering /** **Richardson, Dennis C. / BSC Repository Development /** **Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office /** **Spence, Dick / DOE/RW /**
Recipient(s)	**PORB members**
Author Recipient Relationship	**These are personnel on the YMP with knowledge or responsibility for assessing the level of design necessary to support construction authorization and related documentation and necessary field staffing levels.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**This package or records provides data to assess the evaluative criteria for level of design needed for construction authorization and related documentation and necessary field staffing.**
Deliberation Explanation	**This package is part of the decision-making process for determining the level of design needed for construction authorization and related documentation and necessary field staffing.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**ADMINISTRATION**
Other Privilege Types	

Participant Accession No.	**MOL.20000830.0204**
LSN Accession No.	**DN2002335875**
Doc Date	**20000801**
Title	**TABLE OF CONTENTS FOR PROJECT OPERATIONS REVIEW BOARD (PORB) MEETING MINUTES AND ACTIONS, MEETING AGENDA, AND ATTACHMENTS DATED JULY 12, 2000 (C)**
Subject Matter Description	**The records package contains position papers on various topics on which decisions must ultimately be made regarding the project, including the use of conservative assumptions and bounding analysis in the TSPA, timeframes for use in the TSPA, and groundwater requirements.**
Author(s) Name/Org/Capacity	**Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Director** **Nesbitt, C. Jack III / M&O Contractor Program Planning and Control / Manager** **Royer, Dennis / DOE/RW West /** **Mellington, Suzanne P. / DOE - OCRWM Office of Project Execution / Lead**
Recipient(s)	**Kozai, Wayne / DOE - Office of Project Control - Site Characterization Office/**
Author Recipient Relationship	**The authors and recipient are YMP personnel involved in the decision-making for topics covered in this records package or for the PORB scope related to these topics.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information includes the analysis of data supporting the stated recommendations for conservative assumptions and bounding analysis in the TSPA, timeframes in the TSPA, groundwater requirements.**
Deliberation Explanation	**The deliberations relates to a consideration of the recommended positions on conservative assumptions and bounding analysis used in the TSPA, timeframes used in the TSPA, and groundwater requiremetns.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**ADMINISTRATION** **PACKAGE**
Other Privilege Types	

Participant Accession No.	**MOL.20001228.0046**
LSN Accession No.	**DN2002333773**
Doc Date	**20001204**
Title	**E-MAIL FOR DRAFT PROB POSITION PAPER WITH ATTACHMENTS (C)**
Subject Matter Description	**The email concerns a draft position paper on the selection of the representative low temperature operating mode.**
Author(s) Name/Org/Capacity	**Newbury, Claudia M. / DOE - OCRWM Office of Repository Development /**
Recipient(s)	**Stroupe, Woody / DOE - OCRWM / Harrington, Paul G. / DOE - OCRWM / Mellington, Suzanne P. / DOE - OCRWM Yucca Mountain Site Characterization Office / Project Execution Lead Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Director Dulin, Robert / DOE - OCRWM / Falls, Andrew / DOE - OCRWM / Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office / Quality Assurance Director Boyle, William J / DOE - OCRWM / Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist**
Author Recipient Relationship	**The author is an OCRWM official. The recipients are other YMP personnel who were working on the referenced draft position paper.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The white paper that is the subject of the email was being prepared to enable DOE to decide which representative low temperature operating mode to adopt for the YM repository.**
Deliberation Explanation	**The document provides the author's assessment of the existing draft position paper and issues that the author recommends should be addressed in the paper.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any segregable factual content. It has no separate factual section, and the discussion of the author's opinions does not contain any factual content that can be meaningfully separated.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**MOL.20010723.0049**
LSN Accession No.	**DN2002330810**
Doc Date	**20010601**
Title	**RECORDS PACKAGE TABLE OF CONTENTS FOR PROJECT OPERATIONS REVIEW BOARD (PORB) MEETING MINUTES AND ACTIONS, MEETING AGENDA, AND ATTACHMENTS DATED JANUARY 24, 2001 (C)**
Subject Matter Description	**These PORB records related to a TDL addressing SR strategy in general and a related corrected EIS work scope table. They also address YM Climate Technical Support and Water Level Measurements in Boreholes.**
Author(s) Name/Org/Capacity	**Royer, Dennis / DOE/RW West / Adams, Pamela/ BSC Repository Development - Event Cat & Rel Analyses/ Adams, J.**
Recipient(s)	
Author Recipient Relationship	**These are YM personnel involved in the decision-making or the process leading to the decision-making for SR strategy and tasks related to YM Climate Technical Support and Water Level Measurements in Boreholes.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**These records provide information to the PORB regarding tasks to complete and also relate to the formulation and timing of a TDL regarding SR strategy.**
Deliberation Explanation	**The PORB had to address what tasks to implement and decided to go forward with YM Climate Technical Support and Water Level Measurements in Boreholes. The PORB also had to address the timing and content of a TDL regarding SR strategy.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**ADMINISTRATION PACKAGE**
Other Privilege Types	

Participant Accession No.	**MOL.20010723.0050**
LSN Accession No.	**DN2002337343**
Doc Date	**20010601**
Title	**RECORDS PACKAGE TABLE OF CONTENTS FOR PROJECT OPERATIONS REVIEW BOARD (PORB) MEETING MINUTES AND ACTIONS, MEETING AGENDA, AND ATTACHMENTS DATED FEBRUARY 7, 2001 (C)**
Subject Matter Description	**This records package addressed matter considered by the PORB including SR strategy and integrated management system improvements.**
Author(s) Name/Org/Capacity	**Royer, Dennis / DOE/RW West /** **Trebules, Victor /** **Wells, Bob /** **Hamilton-Ray, Birdie /** **Schrecongost, Jill / DOE/RW /** **Mellington, Suzanne P. / DOE - OCRWM Office of Project Execution / Lead** **Adams, Jerri / DOE /** **Lugo, Michael / BSC Repository Development /** **Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Director** **Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist** **Harrington, Paul G. / DOE - OCRWM /**
Recipient(s)	
Author Recipient Relationship	**There are YMP personnel responsible for the decision-making or supporting the decision-making regarding SR strategy and integrated management system improvements.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information is data and analysis regarding decisions to be made regarding SR strategy and integrated management system improvements.**
Deliberation Explanation	**The PORB was involved in the decision-making process regarding YMP issues including the issues addressed by the records in this package: SR strategy and integrated management system improvements.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**ADMINISTRATION** **PACKAGE**
Other Privilege Types	

Participant Accession No.	**MOL.20020131.0298**
LSN Accession No.	
Doc Date	**20011003**
Title	**FINAL ENVIRONMENTAL IMPACT STATEMENT FOR A GEOLOGIC REPOSITORY FOR THE DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH LEVEL RADIOACTIVE WASTE AT YUCCA MOUNTAIN, NYE COUNTY, NEVADA, CORE TEAM COMMENTS, OCTOBER 3, 2001 THROUGH OCTOBER 17, 2001 (C)**
Subject Matter Description	**The document provides the departmental views of the Naval Nuclear Propulsion Program on the preliminary draft FEIS.**
Author(s) Name/Org/Capacity	**The document is the consolidated comments of the Naval Nuclear Propulsion Program**
Recipient(s)	**The document was provided to personnel on the DOE corps team who had responsibility for responding to the NNPP comments.**
Author Recipient Relationship	**The authors of this document are NNPP personnel, and was provided to DOE personnel who had responsibility for the FEIS.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the form and content of the draft FEIS.**
Deliberation Explanation	**The document is deliberative because it provides the departmental opinions and recommendations of the NNPP to DOE, via an inter-agency communication, on what to state in the FEIS and how to state it.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document is a series of comments on specific lines in the draft FEIS. There is no separate factual discussion, and the disclosure of any sentence would identify an opinion of the NNPP on the draft. Also attached is a copy of the preliminary draft FEIS with marginalia. That portion of the document is excludabe from the LSN per the Subpart J regulations.**
Doc Type	**REVIEW**
Other Privilege Types	**Privacy**

Participant Accession No.	**MOL.20020429.0312**
LSN Accession No.	**DN2002332115**
Doc Date	**20020408**
Title	**DESIGN EVOLUTION STUDY: THERMAL OPERATING METHODOLOGY, TDR-MGR-TH-000001, REVISION 00, APPROVED (C)**
Subject Matter Description	**The subject matter is a study of the ability of the repository to operate over a varying range of thermal modes and temperatures.**
Author(s) Name/Org/Capacity	**ANDERSON MJ / N/A /** **ANDREWS RW / N/A /** **MARR H / N/A /** **MITCHELL TL / N/A /** **TRAUTNER LJ / N/A /**
Recipient(s)	
Author Recipient Relationship	
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision is the selection of a thermal operating methodology to allow management of repository temperature.**
Deliberation Explanation	**The study sets forth its assumptions and the potential parameters of various operating methodologies. It discussing the alternatives and makes a recommendation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Although there are assumptions set forth in the study, these are not set forth as factual information and the study did not undertake a factual verification or recitation. The document's focus is on the parameters of various alternatives.**
Doc Type	**DESIGN DOCUMENT**
Other Privilege Types	

Participant Accession No.	**MOL.20020429.0316**
LSN Accession No.	**DN2002334171**
Doc Date	**20020405**
Title	**DESIGN EVOLUTION STUDY - AGING OPTIONS, PREDECISIONAL STUDY, TDR-MGR-MD-000011, REVISION 00, APPROVED (C)**
Subject Matter Description	**The subject of the study is potential aging location and container options for aging commercial spent nuclear fuel received for disposal at the Yucca Mountain repository.**
Author(s) Name/Org/Capacity	**Chagon, Cal W.** **CLOUD JD** **Iyer, M.S. /** **McDaniel Jr., Preston W. / BSC Repository Development - Project Engineers / BSC Project Engineer** **Schwartztrauber, Keith E. / BSC Repository Development - Engineering Production / BSC Project Engineer** **Boutin, Robert J. / BSC Repository Development - Engineering Manager / BSC Project Manager** **Trautner, Larry J. / BSC Repository Development - Conversion / Repository Design Manager** **Andrews, Robert W. / BSC Repository Development - Performance Assessment / Performance Assurance Manager** **Johnson, E. R. /** **Steiger, John / BSC, LLC-Estimating Dept /** **Carver, Ken / BSC, LLC- Estimating Department/** **Hong, D. / Estimator** **Faglioni, Kelly L./ Hunton & Williams, LLP/**
Recipient(s)	**Doe OCRWM**
Author Recipient Relationship	**This report was prepared by Bechtel SAIC employees for and at the request of DOE/YMP Site Characterization Office. It was authored by BSC employee P. McDaniel; checked by K.E. Schwartztrauber; reviewed by M. S. Iyer, R.J. Boutis, and Cal W. Chagon (for J.D. Cloud); and approved by L.J. Trautner (Repository Design Manager) and R.W. Andrews (Performance Assurance Manager).**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document presents options to be considered in making a decision regarding design of surface and subsurface facilities.**
Deliberation Explanation	**The author identifies options recommended as well as options considered but not recommended, evaluates the advantages and disadvantages of the recommended options, and evaluates the cost of the presented options.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The study is dominantly evaluative and not a factual recitation. Even the background section identifies options considered in summary form rather than containing any kind of factual background. Any facts set forth are set forth as "assumptions," necessarily reflecting not a factual finding but an evaluation and analysis of a likely set of facts on which the analysis is based. The major sections of the document include a description of the evaluation method, a comparative analysis discussion section, a cost evaluation, and a summary of recommendations.**
Doc Type	**DESIGN DOCUMENT**
Other Privilege Types	

Participant Accession No.	**MOL.20020506.0770**
LSN Accession No.	**DN2002329945**
Doc Date	**20011107**
Title	**EMAIL FROM JERRY BURFORD FOR 7.5-3 REVISION 00BMART--REVISION 00C WITH ANALYSIS FEATURES OF THE BIOSPHERE MODEL WHITE PAPER, 07.05-03 FOR POSTING TO THE STORYBOARD (C)**
Subject Matter Description	**The document is a white paper that concerns the validity of DOE's then biosphere model.**
Author(s) Name/Org/Capacity	**Burford, Jerry / LLNL /** **Schmitt, John F.**
Recipient(s)	**Lechel, Leigh**
Author Recipient Relationship	**The authors and recipients are employees of DOE's M&O contractor for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document was prepared at DOE's request to inform DOE's decision whether to make changes to its biosphere model for the repository.**
Deliberation Explanation	**The document provides the author's opinions on whether the biosphere model correctly reflects potential radiation exposure in the future and provides the author's opinions on what positions DOE should take in response to various concerns that have or may be raised in the future. The document conveys the subjective views of the author for the purpose informing DOE's decisionmaking.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**The document does not have a separate factual discussion. The document identifies a series of potential concerns that might be raised in the licensing proceeding and provides the author's opinions on those topics and suggested response to them. Disclosure of the contents would reveal the author's subjective assessments about future concerns and his opinions regarding them.**
Doc Type	**CORRESPONDENCE** **REPORT** **REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20020925.0343**
LSN Accession No.	**DN2002338155**
Doc Date	**20020809**
Title	**CONTRACT NUMBER DE-AC28-01RW12101 - TECHNICAL DIRECTION LETTER - TDL NUMBER 02-003 (C)**
Subject Matter Description	**The document concerns a proposed design study to recommend repository design options to support receipt and/or placement of various materials at Yucca Mountain.**
Author(s) Name/Org/Capacity	**Williams, Nancy H. / BSC Repository Development - Licensing & Engineering /**
Recipient(s)	**WAISLEY SL / DOE /** **Adams, JJ / DOE** **Bailey, JN / BSC** **Benz, Edward F. / BSC Repository Development** **Bokhari, SA / DOE** **Brocoum, Stephan J/ DOE** **Cereghino, Stephen J. / BSC Repository Development - License Application /** **Cotton, Thomas / BSC** **Hajner, RS / BSC** **Hamilton-Ray, Birdie / DOE** **Harbert, KR / BSC** **Harrington, Paul G. / DOE** **Iorii, VF / DOE** **Miller, WB / DOE** **Mellington [Riddle - maiden], Suzanne P. / DOE - OCRWM Office of Project Execution /** **Moller, Collin / BSC** **Ridolfi, DM / DOE** **Riling, George / DOE** **Robinson, RIcky / BSC** **Rowe, Gene W. / BSC Repository Development - Nuclear Facilities Engineering /** **Senderling, Mark S. / DOE** **Siefken, David L./ BSC** **Spence, RE / DOE** **Stroupe, EP / BSC** **Trautner, Larry J. / BSC** **Weaver, EM / BSC** **Wells, WH / BSC** **Williams, Jeffrey R. / DOE - OCRWM Office of Acceptance Transportation and Integration /** **Anderson, Haywood S./ BSC Repository Development - Engineering Systems & Disruptive Events Operations/** **Von Der Linden, DD / DOE** **Zabransky, Dave K. / DOE** **Ziegler, Joseph/DOE OCRWM/Licensing Director** **Waisley, Sandra/DOE-Office of Program Management and Administration, OCRWM**
Author Recipient Relationship	**This is letter transmitting an evaluation report from DOE's M&O contractor for the YMP to DOE for review and consideration.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**

DP Decision Information	**The documents relates to DOE's decision on which emplacement procedures to adopt for the Yucca Mountain repository.**
Deliberation Explanation	**The document is deliberative because it sets forth several potential emplacement scenarios and provides BSC's assessment and recommendations regarding them. The evaluations additionally provide schedule projections and associated budgets for each scenario.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not discuss any existing facts. It poses assumptions and scenarios and then evaluates the schedules and costs that might be associated with each. There is no factual content as such to redact.**
Doc Type	**CORRESPONDENCE** **REPORT**
Other Privilege Types	

Participant Accession No.	**MOL.20040401.0215**
LSN Accession No.	**DN2002333231**
Doc Date	**20040301**
Title	**BSC LICENSING POSITION, DATA QUALIFICATION**
Subject Matter Description	**The document concerns a draft licensing position that DOE had under consideration regarding the application and interpretation of NUREG-1298, "Qualification of Existing Data for High-Level Nuclear Waste Repository," for data used in engineering and scientific work products for the YMP.**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager**
Recipient(s)	**Lucas, L.L. / BSC /** **Mason, M.J. / BSC /** **Whitcraft J.S. / BSC /** **Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager** **Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I** **LAIG**
Author Recipient Relationship	**The author and recipients are management within DOE's M&O contractor for the Yucca Mountain Project. These personnel had responsibility for development of the license application and needed to be informed of potential positions that DOE might adopt for the licensing proceeding. A copy was provided to the DOE License Application Integration Group for decision.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns what interpretation DOE should adopt for the licensing proceeding with respect to the requirements of NUREG-1298 for data qualification.**
Deliberation Explanation	**The attachment to the transmittal memo provides a statement of a proposed licensing position and a justification for its potential adoption.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion. It provides proposed regulatory interpretations.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**MOL.20040510.0172**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J. / BSC Repository Development - Licensing /Senior Project Manager**
Recipient(s)	**LUCAS L.L. / BSC** **MASON M.J. / BSC** **WHITCRAFT J.S. / BSC** **Andrews, Robert W. / BSC Repository Development - Performance Assessment /Senior Project Manager** **Williams, Nancy H. / BSC Repository Development /Manager of Projects** **Younker, 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.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns DOE's decision whether to consider the effect of recycling of water at the location of the REMI for purposes of determining compliance with the individual protection standard at 10 C.F.R. 63.311.**
Deliberation Explanation	**The document was prepared at DOE's request to make a recommendation on what DOE's position in the licensing proceeding should be on the subject topic. The document provides BSC's recommendation and the reasons for BSC's opinion.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It is an analysis of regulatory requirements and opinions about the meanings of those requirements. The document is deliberative in its entirety.**

Doc Type	**CORRESPONDENCE**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**MOL.20050524.0008**
LSN Accession No.	**DN2002334684**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.02, SURFACE STRUCTURES, SYSTEMS, AND COMPONENTS AND OPERATIONAL PROCESS ACTIVITIES (C)**
Subject Matter Description	**Document provides YMP Personnel comments on Draft LA Section SAR 1.02.**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for subject SAR section**
Recipient(s)	**DOE employees and contractors responsible for subject SAR section**
Author Recipient Relationship	**Author and recipients are DOE employees and contractors responsible for subject SAR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**DOE employees and contractors providing comments and recommendations on form and comment of draft LA-SAR prior to submittal to NRC.**
Deliberation Explanation	**The document provides the author's recommendations and analysis concerning the then current position taken by the DOE in this draft LA-SAR.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0009**
LSN Accession No.	**DN2002330620**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.02.01, SURFACE OPERATIONS OVERVIEW (C)**
Subject Matter Description	**This document is a draft section of the SAR: SAR-01.02.01, SURFACE OPERATIONS OVERVIEW, and contains reviewer comments on this draft section.**
Author(s) Name/Org/Capacity	**Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager** **Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I** **Hammermeister, Heather L. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II** **Beard, Kristina / Hunton & Williams, LLP / Attorney** **Junio, Stacy S. / BSC Repository Development - Radiation Programs / BSC Program Heaalth Physicist** **Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist** **Slovic, Robert C. / BSC Repository Development - Engineering Production / BSC Project Engineer**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and contents.**
Deliberation Explanation	**The author's are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0019**
LSN Accession No.	**DN2002331755**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.02.07, MISCELLANEOUS PLANT FACILITIES (C)**
Subject Matter Description	**REVIEW COMMENTS FOR LA SECTION: SAR-01.02.07, MISCELLANEOUS PLANT FACILITIES (C) (Preliminary Draft, Yucca Mountain Safety Analysis Report)**
Author(s) Name/Org/Capacity	**N/A** **Lydic, Margaret J. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II**
Recipient(s)	
Author Recipient Relationship	**The author is with DOE's M&O contractor for the Yucca Mountain Project.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**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.**
Deliberation Explanation	**The document reflects information that DOE relies upon in deciding the final contents of the license application.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**REVIEW**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**MOL.20050524.0024**
LSN Accession No.	**DN2002336221**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.03.02, GENERAL SUBSURFACE DESIGN CONSIDERATION (C)**
Subject Matter Description	**REVIEW COMMENTS FOR LA SECTION: SAR-01.03.02, GENERAL SUBSURFACE DESIGN CONSIDERATION (C)**
Author(s) Name/Org/Capacity	**Doe employees and contractors responsible for the subject draft SAR section**
Recipient(s)	**Doe employees and contractors responsible for the subject draft SAR section**
Author Recipient Relationship	**The authors and recipients are DOE employees and contractors responsible for the subject draft SAR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and positions on the proposed licensing positions in and form and content of the draft SAR section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0031**
LSN Accession No.	**DN2002331453**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.03.04, SUBSURFACE FACILITY-EMPLACEMENT AREAS (C)**
Subject Matter Description	**Draft LA Section: SAR 01.03.04 Subsurface Facility-Emplacement Areas**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft SAR Section**
Recipient(s)	**DOE employees and contractors responsible for the subject draft SAR Section**
Author Recipient Relationship	**DOE employees and contractors responsible for the subject draft SAR Section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA Section, and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft LA Section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0034**
LSN Accession No.	**DN2002335884**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.03.05, SUBSURFACE VENTILATION (C)**
Subject Matter Description	**REVIEW COMMENTS FOR LA SECTION: SAR-01.03.05, SUBSURFACE VENTILATION (C)**
Author(s) Name/Org/Capacity	**Doe employees and contractors responsible for the subject draft SAR section**
Recipient(s)	**Doe employees and contractors responsible for the subject draft SAR section**
Author Recipient Relationship	**Authors and recipients DOE employees and contractors responsible for the subject draft SAR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft SAR section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of the draft SAR subject.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client;** **ACP-client to attorney;** **ACP-discusses attorneys advice**

Participant Accession No.	**MOL.20050524.0036**
LSN Accession No.	**DN2002335729**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.03.08, SUBSURFACE VENTILATION (C)**
Subject Matter Description	**This document concerns the subsurface ventilation system that would support the operation of the subsurface repository.**
Author(s) Name/Org/Capacity	**Doe employees and contractors responsible for the subject draft LA section**
Recipient(s)	**Doe employees and contractors responsible for the subject draft LA section**
Author Recipient Relationship	**The authors and recipients are DOE employees and contractors responsible for the subject draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in, and the form and content of, this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0038**
LSN Accession No.	**DN2002335015**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.03.10, PERFORMANCE CONFIRMATION FACILITIES (C)**
Subject Matter Description	**PROPOSED PERFORMANCE CONFIRMATION FACILITIES**
Author(s) Name/Org/Capacity	**Appel, Gordon / BSC / SNL sub**
Recipient(s)	**DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /**
Author Recipient Relationship	**The authors and recipients are DOE employees and contractors responsible for the subject draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0049**
LSN Accession No.	**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 Wast Package and Its Components), and contains comments provided by project personnel responsible for developing this portion of the license application.**
Author(s) Name/Org/Capacity	**N/A / N/A /** **Project personnel knowledgeable in the subject matter of this draft SAR**
Recipient(s)	**Project personnel knowledgeable in 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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is a part of DOE's decision-making process in determining the positions it will take on SAR section 1.5.2 as well as the information that should be included in this section. The DOE has yet to decide the ultimate positions it will take in this SAR section and what information should be included in this section.**
Deliberation Explanation	**The document reflects the analysis and recommendations, provided by project personnel responsible for developing the draft SAR section 1.5.2, regarding the licensing positions that DOE should take in this section of the SAR as well as the content and form of this draft section of the license application.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**MOL.20050524.0080**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager**
Recipient(s)	**Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager** **Ziegler, Joseph/DOE OCRWM/Licensing Director** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Younker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The comments provided in this document relate the information and licensing strategy that will be contained in the final Safety Analysis Report. DOE has yet to finalize the draft SAR/LA, and has yet to decide on the ultimate positions it will take in the final SAR/LA.**
Deliberation Explanation	**The comments provided by R. Andrews contain his recommendations and analysis on the licensing strategy and assertions contained in the draft SAR/LA. Releasing this type of information would reveal the ongoing deliberations within OCRWM.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**MOL.20050524.0085**
LSN Accession No.	**DN2002330329**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-02.03.10, BIOSPHERE TRANSPORT AND EXPOSURE (C)**
Subject Matter Description	**The document is the draft SAR section 2.3.10 (Biosphere Transport and Exposure), and also contains comments on this draft SAR section.**
Author(s) Name/Org/Capacity	**Rautenstrauch, Kurt R. / BSC Repository Development - Environmental Scientist/Engineer / BSC Senior Environmental Scientist/Engineer** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Ziegler, Joseph/DOE OCRWM/Licensing Director**
Recipient(s)	**YMP Personnel responsible for development of SAR**
Author Recipient Relationship	**Authors are YMP personnel responsible for development of the subject LA/SAR section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document precedes the final version of the LA/SAR that has yet to be filed with the NRC. The document contains comments on form and content of the draft LA/SAR.**
Deliberation Explanation	**The information contained in this document reveals the draft content of the SAR, and contains the authors' recommendations and analysis concerning the then-current positions DOE has taken in this draft.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0092**
LSN Accession No.	**DN2002330436**
Doc Date	**20050523**
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.**
Author(s) Name/Org/Capacity	**N/A / N/A /** **Project personnel**
Recipient(s)	**Project personnel working on the license application**
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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**These comments relate to the DOE's decision-making process concerning the information and positions that DOE will take in the SAR about the Administrative and Programmatic Requiremtns. YMP personnel responsible for preparing SAR section 5 will use the analysis reflected in these comments to develop SAR section 5.**
Deliberation Explanation	**The comments provided relate to the content and form of this draft SAR section for consideration and response by project personnel responsible for developing the LA. The comments contained herein reflect the give and take within the YMP project on the final positions that DOE will take in the SAR that is ultimately filed with the NRC.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this document with the final version of DOE's SAR would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.**
Doc Type	**REVIEW**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**MOL.20050524.0093**
LSN Accession No.	**DN2002335865**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-05.00, MANAGEMENT SYSTEMS (C)**
Subject Matter Description	**The document concerns the draft LA section addressing management systems to be utilized to control activities to ensure that facility is designed, constructed, operated and closed in accordance with the LA.**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft LA section**
Recipient(s)	**DOE employees and contractors responsible for the subject draft LA section**
Author Recipient Relationship	**The authors and recipients are DOE employees and contractors responsible for the subject draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in, and the form and content of, this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0103**
LSN Accession No.	**DN2002331458**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-05.06, PLANS AND PROCEDURES FOR CONDUCT OF NORMAL ACTIVITIES INCLUDING OPERATIONS, MAINTENANCE, SURVEILLANCE, AND PERIODIC TESTING (C)**
Subject Matter Description	**This document concerns the proposed plans and procedures for conducting normal activities at the YM repository,**
Author(s) Name/Org/Capacity	**YMP Personnel responsible for development of section 5.6 of the draft LA**
Recipient(s)	**YMP Personnel responsible for development of section 5.6 of the draft LA**
Author Recipient Relationship	**Authors and recipients are DOE and DOE contractor personnel responsible for development of section 5.6 of the draft LA.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is the draft SAR/LA, and contains comments on this draft SAR section related to form and content. It is not the final version of the draft SAR/LA and, thus, DOE has not determined what final positions it will take in the draft LA/SAR.**
Deliberation Explanation	**This version of the draft LA/SAR contains recommendations and analysis on the licensing application and changes that should be made to the draft document. It reveals the give and take occurring within OCRWM concerning the development of the LA/SAR.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE?s deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050524.0114**
LSN Accession No.	**DN2002337502**
Doc Date	**20050523**
Title	**REVIEW COMMENTS FOR LA SECTION: SAR-01.05, WASTE FORM AND WASTE PACKAGE (C)**
Subject Matter Description	**This document is the draft SAR section 1.05, and contains comments on the draft section.**
Author(s) Name/Org/Capacity	**DOE employees and contractors responsible for the subject draft SAR section**
Recipient(s)	**DOE employees and contractors responsible for the subject draft SAR section**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is the draft SAR/LA, and contains comments on this draft SAR section related to form and content. It is not the final version of the draft SAR/LA and, thus, DOE has not determined what final positions it will take in the draft LA/SAR.**
Deliberation Explanation	**Provides the authors' recommendations and opinions on the proposed positions, and draft form and content on this draft SAR section. Revealing this information would disclose the positions that DOE has not yet decided it will take in this section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	

Participant Accession No.	**MOL.20050526.0019**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**N/A / N/A / Licensing attorneys knowledgable about draft SAR section 1.4.1**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document is a part of DOE's decision-making process in determining what positions and information will be included in SAR section 1.4.1.**
Deliberation Explanation	**This document provides licensing attorneys' opinions, advice, and recommendations on what positions should be taken in this draft section of the SAR as well as what form and content should be included in this section. The draft document and the comments contain herein do not reflect DOE's official licensing positions, which will not be decided until the DOE files its LA/SAR with the NRC.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**MOL.20050526.0022**
LSN Accession No.	**DN2002337225**
Doc Date	**20050523**
Title	**ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.04.04, PLANT SERVICES (C)**
Subject Matter Description	**Document provides Attorney Review Comments on Draft SAR Section 01.04.04 (Plant Services).**
Author(s) Name/Org/Capacity	**N/A / Hunton & Williams, LLP / Attorney**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Attorney providing recommendation on how to modify the draft LA-SAR prior to the submittal to the NRC. The information contained in this document relates to DOE's ongoing decision-making process about what licensing positions and information should be included in the LA/SAR that will eventually be filed with the NRC.**
Deliberation Explanation	**The document provides the outside counsel's legal analysis and advice concerning the draft SAR.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)**

Participant Accession No.	**MOL.20050526.0025**
LSN Accession No.	**DN2002332969**
Doc Date	**20050523**
Title	**ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.05.02, GENERAL DESCRIPTION OF WASTE PACKAGES AND THEIR COMPONENTS (C)**
Subject Matter Description	**Counsel's comments on draft SAR section 1.5.2**
Author(s) Name/Org/Capacity	**DOE Office of General Counsel Hunton & Williams LLP**
Recipient(s)	**DOE employees and contractors responsible for the subject draft SAR section**
Author Recipient Relationship	**Licensing attorneys are conveying their comments to DOE employees and contractors responsible for the subject draft SAR section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The licensing attorneys are providing their legal opinions, recommendations on the proposed licensing positions, and form and content of this draft SAR section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-client to attorney**

Participant Accession No.	**MOL.20050526.0026**
LSN Accession No.	**DN2002336584**
Doc Date	**20050523**
Title	**ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.06, IDENTIFICATION OF HAZARDS ANALYSIS AND INITIATING EVENTS (C)**
Subject Matter Description	**IDENTIFICATION OF HAZARDS ANALYSIS AND INITIATING EVENTS**
Author(s) Name/Org/Capacity	**Beard, Kristina / Hunton & Williams, LLP / Attorney** **Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Reynolds, Myles / Hunton & Williams, LLP / Attorney** **Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering /Acting Director** **Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead**
Author Recipient Relationship	**The authors are DOE's OGC and outside counsel attorneys and the recipients are DOE employees and contractors with responsibility for the subject draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinion on the proposed licensing positions in and form and content of this draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice**

Participant Accession No.	**MOL.20050526.0027**
LSN Accession No.	**DN2002331524**
Doc Date	**20050523**
Title	**ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.07, EVENT SEQUENCES (C)**
Subject Matter Description	**This section concerns the methodology for identifying, quantify, and categorizing the internal and external hazards and initiating events.**
Author(s) Name/Org/Capacity	**Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney** **Reynolds, Myles / Hunton & Williams, LLP / Attorney** **Beasley, Amanda / Hunton & Williams, LLP / Attorney** **Biggs, Jo Ann / Hunton & Williams, LLP / Attorney**
Recipient(s)	**Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director** **Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead**
Author Recipient Relationship	**The authors are attorneys with the DOE OGC who work on YMP matters and with DOE's outside licensing counsel for the YMP. The recipients are a DOE employee and contractor responsible for preparation of the draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The attorneys are providing recommendations and opinions on the proposed licensing positions in, and the form and content of, the draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**MOL.20050526.0031**
LSN Accession No.	**DN2002336568**
Doc Date	**20050523**
Title	**ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.11, PLANS FOR RETRIEVAL AND ALTERNATE STORAGE OF RADIOACTIVE WASTES (C)**
Subject Matter Description	**The document concerns proposed approaches for retrieval and alternate storage of radioactive wastes.**
Author(s) Name/Org/Capacity	**Attorneys in the DOE Office of General Counsel and H&W**
Recipient(s)	**DOE employees and contractors responsible for the subject LA section**
Author Recipient Relationship	**The authors are DOE's in-house counsel who work in YMP matters and outside counsel for the YMP licensing proceeding. The recipients are DOE employees and contractors responsible for the preparation of the draft LA section.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.**
Deliberation Explanation	**The attorneys are providing their recommendations and advice on the proposed licensing positions in, and the form and content of, the draft LA section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**MOL.20050526.0034**
LSN Accession No.	**DN2002330489**
Doc Date	**20050523**
Title	**ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-02.01, REPOSITORY SAFETY AFTER PERMANENT CLOSURE (C)**
Subject Matter Description	**Attorney Comments and correspondence regarding draft SAR Chapter 2 Section 2.1: Rev. 00, Draft A Chapter Review**
Author(s) Name/Org/Capacity	**DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Fillmore, Robert M. / Hunton & Williams, LLP /**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer** **Brooks, Joan /** **Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager** **Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer**
Author Recipient Relationship	**Authors are DOE OCG and outside attorneys responsible for the subject draft LA Sections. Recipients are YMP personnel responsible for the draft LA section that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA Section, and its form and content.**
Deliberation Explanation	**The authors are providing legal advice and analysis on the proposed licensing positions in and form and content of this draft LA Section.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client;** **ACP-discusses attorneys advice**

Participant Accession No.	**MOL.20050526.0044**
LSN Accession No.	**DN2002333290**
Doc Date	**20050523**
Title	**ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-02.03.08, RADIONUCLIDE TRANSPORT IN THE UNSATURATED ZONE (C)**
Subject Matter Description	**The subject matter is atttorney comments on the draft SAR section: SAR-02.03.08, RADIONUCLIDE TRANSPORT IN THE UNSATURATED ZONE (C)**
Author(s) Name/Org/Capacity	**Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney** **Fillmore, Robert M. / Hunton & Williams, LLP / Attorney** **Perkins, Shelby/ DOE - Office of General Counsel (OGC)/**
Recipient(s)	**Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy /**
Author Recipient Relationship	**The authors are licensing counsel providing comments to project personnel responsible for developing the license application. The recipient is a DOE official responsible for preparation of the draft LA section that is the subject of counsel's advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The DP decision information is licensing attorney comments on the draft SAR for consideration. They relate to content and form.**
Deliberation Explanation	**The licensing attorney comments are provided to project personnel responsible for developing the license application to consider and respond to. The comments relate to the content and form of the draft document.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**REVIEW**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**MOL.20050810.0068**
LSN Accession No.	**DN2002329354**
Doc Date	**20050803**
Title	**CONTRACT NUMBER DE-AC28-01RW12101 - RESPONSE TO TDL NUMBER 05-022, DRAFT ASSESSMENT OF VIABILITY OF UTILIZING OPERATIONAL LIMITATIONS (C)**
Subject Matter Description	**The document concerns the viability of utilizing operational limitations in conjunction with the then current, non-inerted facility baseline configurations to preclude the occurrence of fuel oxidation in fuel assemblies to be handled at the Yucca Mountain repository.**
Author(s) Name/Org/Capacity	**Mitchell, John (Jr.) T. / BSC Repository Development - General Manager /BCS President and General Manager**
Recipient(s)	**Arthur, John, III / DOE - OCRWM Office of Repository Development /Deputy Director** **Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / (BAA) Program Manager** **Powers, K.W. / DOE /** **Bunch, D. F. / BSC /** **Golan, P.M. / DOE /** **Hamilton-Ray, B.V. / DOE /** **McCullough, M.G. / BSC /** **Schilismann, D.J. / BSC /** **Tosetti, R.J. / BSC /**
Author Recipient Relationship	**The author of the letter was the head of DOE's M&O contractor for Yucca Mountain. The letter was addressed to the then deputy director of OCRWM.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document relates to a contemplated decision by DOE whether to place operational limits on the thermal power of the materials to be handled at the repository.**
Deliberation Explanation	**BSC prepared the document at DOE's request, to inform DOE's decision on the referenced topic. The letter provides BSC's recommendations on the topic and suggests a patch forward for DOE's consideration and ultimate decision on the matter.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any separate factual section. Any mention of facts is part of BSC's discussion of its recommendations, and any redaction would leave non-sensical, random snippets. Any coherent redactions would disclose BSC's recommendations and the bases for those recommendations.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**MOL.20050928.0126**
LSN Accession No.	**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.**
Author(s) Name/Org/Capacity	**Payer, Joseph H. / Case Wedstern Reserve University / Professor**
Recipient(s)	**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.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This draft and the comments on this draft SAR section (2.3.6) are a part of DOE's decision-making process on what will eventually be included in its SAR that is ultimately filed with the NRC. The comments reflect licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**These are comments provided by knowledgeable personnel on Waste Package and Drip Shield Corrosion to project personnel responsible for developing this draft section of the SAR. The document contains the author's analysis, opinions, and recommendations on the positions that should be taken in this SAR section as well as on form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**CORRESPONDENCE** **REVIEW**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**MOL.20060718.0056**
LSN Accession No.	**DN2002466991**
Doc Date	**20060307**
Title	**U S DEPARTMENT OF ENERGY (DOE) REVIEW COMMENTS OF THE CONCEPTUAL DESIGN-1 (CD-1) PRODUCTS TO BECHTEL SAIC COMPANY, LLC (BSC) CONTRACT NUMBER DE-AC28-01RW12101 (C)**
Subject Matter Description	**U S DEPARTMENT OF ENERGY (DOE) REVIEW COMMENTS OF THE CONCEPTUAL DESIGN-1 (CD-1) PRODUCTS TO BECHTEL SAIC COMPANY, LLC (BSC) CONTRACT NUMBER DE-AC28-01RW12101 (C)**
Author(s) Name/Org/Capacity	**Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director** **Kim, Dong/ DOE - OCRWM Office of Systems Analysis & Strategy/Development/** **Hellstrom, George/ DOE - Office of General Counsel (OGC)/**
Recipient(s)	**COOPER, E.R. / /** **FEIGENBAUM, T.C. / Bechtel SAIC Company, LLC / President & General Manager** **GOLAN, P.M. / /** **Hamilton-Ray, B.V. / DOE/OCRWM /** **POWERS, K.W. / /** **Van Der Puy, M.E. / DOE/OCRWM /** **ARTHUR WJ / DOE/ORD RW-60 LAS VEGAS NV /** **KING, A.E. / /** **Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director**
Author Recipient Relationship	**The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of the reviewers' recommendations and advice. Some comments are authored by attorneys with DOE OGC with responsibility for YMP.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The draft documents as to which these comments are made provide recommendations on the design that DOE should use for the repository and the priority and approach that should be taken as to identified hazards and risks.**
Deliberation Explanation	**These documents provides the reviewers' recommendations and opinions on the positions that should be taken in the draft documents.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**Comments by attorneys are separate from other comments and comments on predecisional drafts are separate from comments on non-privileged documents and can be redacted.**
Doc Type	**CORRESPONDENCE**
Other Privilege Types	**ACP-attorney to client**

Participant Accession No.	**MOL.20070627.0054**
LSN Accession No.	**DN2002468872**
Doc Date	**20061208**
Title	**DECISION ON APPROACH TO BURNUP CREDIT**
Subject Matter Description	**The document concerns a strategy to address issues concerning burn-up credit, including transportation and NNPP related issues.**
Author(s) Name/Org/Capacity	**Williams, Mark H./Director, Regulatory Authority Office/OCRWM**
Recipient(s)	**Alsaed, A.A./BSC/ Kacich, R.M./BSC FEIGENBAUM TC / BSC LAS VEGAS NV / HOWARD CL / SNL LAS VEGAS NV / Low, J.L./DOE OCRWM Sproat, E.F/Director/OCRWM Thompson, J.M./DOE OCRWM Williams, J.R./DOE OCRWM Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Golan, P.M./principal deputy director/OCRWM Lanthrum, G.J./DOE OCRWM Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Parks, C.V./Oak Ridge National Lab Dei, Donald E. / Naval Reactors / McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager Wagoner, John/Oak Ridge National Lab Rapp, Brady M.C./Pacific Northwest National Lab Howard, C.L./Sandia Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member**
Author Recipient Relationship	**The document was written by a senior OCRWM official for a decision by the OCRWM director, Ward Sproat. The other recipients are various DOE and DOE contractor personnel who assisted in preparation of the document and who have responsibilities related to the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should purchase foreign data regarding the criticality of transported CSNF and use such data for purposes of computing burn-up credit.**
Deliberation Explanation	**The document identifies various options and provides the author's assessment of risks and sensitivities, and makes recommendations on the topic.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	
Doc Type	**CORRESPONDENCE**
Other Privilege Types	

Participant Accession No.	**MOV.20010803.0005**
LSN Accession No.	**DN2002470718**
Doc Date	**20010209**
Title	**CRWMS M&O CRWMS MODULAR DESIGN/CONSTRUCTION AND OPERATION OPTIONS REPORT TDR-CRW-MD-000002 REV 03 DOE ACCEPTANCE REVIEW COPY**
Subject Matter Description	**The document provides technical bases for decisions on modular design, construction and implementation for the Yucca Mountain repository.**
Author(s) Name/Org/Capacity	**BECKWITH S / TRW / MEYER L / TRW / THOMSON BH / TRW /**
Recipient(s)	**DOE OCRWM**
Author Recipient Relationship	**The authors were employees of TRW, which was DOE's M&O contractor for the YMP at the time.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document was authored to help inform DOE's decisionmaking on how to construct and operate the repository in a manner that would allow changes to have the flexibility to respond to project uncertainties.**
Deliberation Explanation	**The document provides BSC's subjective assessments of uncertainties to consider and BSC's recommendations on how the project could be operated to maintain flexibility to address those uncertainties.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any discussion of facts. It contains opinions and recommendations about alternatives to address future, potential scenarios.**
Doc Type	**REPORT**

Other Privilege Types	

Participant Accession No.	**MOV.20030415.0002**
LSN Accession No.	**DN2002470309**
Doc Date	**20030213**
Title	**PRE-DECISIONAL STUDY SCENARIOS AND EVALUATION CRITERIA FOR THE REPOSITORY ALTERNATIVE OPERATING SCENARIOS SYSTEM STUDY, REVISION 0, TDR-CRW-SE-000026 REV 00, JANUARY 2003**
Subject Matter Description	**This report describes a recommended set of repository operating scenarios for evaluation in a system study of potential operating scenarios of the Yucca Mountain repository.**
Author(s) Name/Org/Capacity	**Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission** **Gillespie, Scott G. / BSC Repository Development - Mechanical Engineers / BSC Principal Engineer I** **Siefken, David L. / BSC Repository Development / Program Integration Supervisor** **Williams, Nancy H. / BSC Repository Development - Licensing & Engineering / BSC Manager of Projects**
Recipient(s)	**Office of Civilian Radioactive Waste Management**
Author Recipient Relationship	**The authors are personnel employed with DOE's M&O contractor for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document was created to help DOE decide what various operating scenarios for initial surface facilities should be considered as part of DOE's assessment of alternative concepts for the initial phase of repository operations.**
Deliberation Explanation	**The document does not provide any analysis of various scenarios. It provides in general terms recommended scenarios that DOE should consider analyzing.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any factual discussion. It contains various assumptions by the authors, an overview of several potential scenarios, and the authors' suggested objective for consideration of the scenarios.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**MOV.20030715.0002**
LSN Accession No.	**DN2002332480**
Doc Date	**20030701**
Title	**REPOSITORY ALTERNATIVE OPERATING SCENARIOS SYSTEM STUDY PHASE II**
Subject Matter Description	**The document addresses hypothetical operating scenarios for the Yucca Mountain repository.**
Author(s) Name/Org/Capacity	**Bailey, Jack/ BSC** **Cotton, Thomas/ BSC** **Siefken, David / BSC** **Gillespie, Scott G. / BSC Repository Development - Systems Engineering & Integration /** **Williams, Nancy H. / BSC Repository Development - Licensing & Engineering /**
Recipient(s)	**DOE OCRWM**
Author Recipient Relationship	**The document was prepared at DOE's request by the M&O contractor for the YMP.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The document was prepared at DOE's request to help inform it what type of waste acceptance, transportation, and repository receipt scenarios it should assess for purposes of deciding on the ultimate methods of operating the repository.**
Deliberation Explanation	**The document presents a range of potential future scenarios that are evaluated by BSC for their potential impacts on facility design and implications for the Functional and Operating Requirements for the repository. The document makes various recommendations for further work and consideration by DOE.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**This document does not contain any discussion of existing facts or analysis of existing matters. It proposes hypothetical situations and provides opinions with respect to them.**
Doc Type	**REPORT**
Other Privilege Types	

Participant Accession No.	**MOV.20031211.0002**
LSN Accession No.	**DN2002331992**
Doc Date	**20031120**
Title	**SYSTEM IMPACTS OF THE DRAFT HIGH-LEVEL RADIOACTIVE WASTE/SPENT NUCLEAR FUEL DISPOSITION STRATEGY, CASE 5, TDR-CRW-SE-000031 REV 00, PRE-DECISIONAL STUDY**
Subject Matter Description	**The document is an analysis that was performed to estimate the impacts of a draft high-level waste/spent nuclear fuel disposition case strategy. The document examines the potential impacts of a draft revised EM integrated acceptance schedule that DOE had under consideration at the time.**
Author(s) Name/Org/Capacity	**Garfield, Willaim / BSC Repository Development / Transportation Manager** **Gillespie, Scott G. / BSC Repository Development - Program Integration / BSC Principal Engineer I** **Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BSC President & General Manager** **Siefken, David L. / BSC Repository Development - Subcontractor Department / PMS Technologies, Inc. Supervisor Program Integration** **Williams, Nancy H. / BSC Repository Development - Licensing & Engineering /Manager**
Recipient(s)	**DOE Office of Environmental Management** **DOE Office of Civilian Radioactive Waste Management**
Author Recipient Relationship	**This document was prepared at DOE's request by DOE's M&O contractor for the Yucca Mountain Project.**
Determining Official	**Ronald A. Milner / OCRWM / Chief Operating Officer**
DP Decision Information	**The proposed decision for which this document was prepared was whether DOE should adopt a proposed disposition strategy for HLW and SNF.**
Deliberation Explanation	**This document is deliberative because it discusses the potential implications or impacts of the proposed strategy. It sets out assumptions of the draft strategy that was under consideration, opinions of the authors regarding the consequences of the strategy, and makes conclusions to inform DOE's decision whether to proceed with the strategy.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non-Redactable Statement	**There is no true factual content per se to this document. It contains assumptions and projections. Disclosure of its contents would necessarily disclose the content of the proposed strategy that was under consideration as well as the author's views and opinions about that proposed strategy.**
Doc Type	**REPORT**
Other Privilege Types	